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Also admitted in Massachusetts
and New York

September 16, 2021

Via Electronic Mail

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

Re: **Notice of Exempt Modification – Facility Modification**
29 Bogus Hill Road, New Fairfield, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains an existing wireless telecommunications facility at the above-referenced property address (the "Property"). The facility consists of antennas and remote radio heads attached to a tower and related equipment on the ground, near the base of the tower. The tower was approved by the Siting Council ("Council") in September 2006 (Docket No. 315). Cellco's use of the tower was approved by the Council in November 2007 (EM-VER-085-091-108-071011). A copy of the Council's Docket No. 315 Decision and Order and Cellco's November 2017 approval are included in Attachment 1.

Cellco now intends to modify its facility by replacing three (3) existing antennas with three (3) Samsung MT6407-77A antennas on its existing mounting platform. Cellco also intends to replace six (6) existing remote radio heads ("RRHs") with 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 New Fairfield'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.

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:

Patricia Del Monaco, First Selectman for the Town of New Fairfield
Evan White, New Fairfield Zoning Enforcement Officer
Girl Scouts of Connecticut Inc., Property Owner
Karla Hanna

ATTACHMENT 1

DOCKET NO. 315 – Optasite, Inc. and New Cingular Wireless PCS, LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility at 29 Bogus Hill Road in New Fairfield, Connecticut.	}	Connecticut Siting Council

September 28, 2006

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Pubic Need, as provided by General Statutes § 16-50k, be issued to Optasite, Inc. for the construction, maintenance and operation of a wireless telecommunications facility to be located at Site B at 29 Bogus Hill Road in New Fairfield, Connecticut. The Council denies certification of Site A located at 29 Bogus Hill Road in New Fairfield, Connecticut.

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

1. The tower shall be designed as a monopole and shall be constructed no taller than 130 feet above ground level to provide telecommunications services to both public and private entities. The tower's design shall incorporate a yield point in order to reduce the size of the setback radius.

2. The location of the tower shall be adjusted within the lease parcel to maximize the distance from the tower to the nearest property to the north of the site.

3. No on-site construction work shall take place between December 31 and March 1 to avoid disturbing bald eagles that may be in the vicinity.

4. During construction, large cover objects such as logs and moveable rocks shall be moved out of the way of heavy machinery to minimize any potential harm to hognose snakes that might be in the area.

5. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of New Fairfield and all parties and intervenors, as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:

a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas mountings, equipment building, access road, utility line, and landscaping; and

b) construction plans for site clearing, water drainage, and erosion and sedimentation control consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

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

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

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

9. The Certificate Holder shall provide reasonable space on the tower for no compensation for any Town of New Fairfield municipal antennas, provided such antennas can be accommodated and are compatible with the structural integrity of the tower.

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

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

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

13. Any request for extension of the time periods referred to in Conditions 10, 11, and 12 shall be filed with the Council not later than sixty days prior to the expiration date of this Certificate and shall be served on all parties and intervenors and the Town of Hartland, as listed in the service list. Any proposed modifications to this Decision and Order shall likewise be so served.

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

Pursuant to General Statutes § 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the Danbury News-Times and in The Fairfield Citizen-News.

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

The parties and intervenors in this proceeding are:

Status Granted	**Status Holder (name, address & phone number)**	**Representative (name, address & phone number)**
Applicant	Optasite, Inc. New Cingular Wireless PCS, LLC	Lucia Chiocchio, Esq. Cuddy and Feder, LLP 90 Maple Avenue White Plains, NY 10601 Ms. Jennifer Young Gaudet 345 Taylor Street Talcottville, CT 06066
Party *(approved on 5/17/06)*	Edward J. Hannafin Malcolm McCluskey	Thomas W. Beecher, Esq. Collins, Hannafin, Garamella, Jaber & Tuozzolo, P.C. 148 Deer Hill Avenue Danbury, CT 06810 (203) 744-2150 (203) 791-1126 - fax tbeecher@chgjtlaw.com
Intervenor *(approved on 7/12/06)*	Tax District of Bogus Hill	Allan Deutscher P.O. Box 8240 New Fairfield, CT 06812

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
Internet: ct.gov/csc

Daniel F. Caruso
Chairman

November 15, 2007

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

RE: **EM-VER-085-091-108-071011** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify existing telecommunications facilities located at 474 Main Street, Monroe; 29 Bogus Hill Road, New Fairfield; and 85 Quaker Farms Road, Oxford, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on November 5, 2007, the Connecticut Siting Council (Council) acknowledged your notice to modify these existing telecommunications facilities, 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[s] dated October 11, 2007, including the placement of all necessary equipment and shelters within the tower compounds. 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 existing facility sites that would not increase tower heights, extend the boundaries of the tower sites, increase noise levels at the tower site boundaries by six decibels, and increase the total radio frequencies electromagnetic radiation power densities measured at the tower site boundaries to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. These facilities have also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on these towers.

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 any of these facilities 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,

Daniel F. Caruso

Daniel F. Caruso
Chairman

DFC/MP/cm

c: The Honorable August A. Palmer, First Selectman, Town of Oxford
Vincent Vizzo, Planning & Zoning Chairman, Town of Oxford
The Honorable Andrew J. Nunn, First Selectman, Town of Monroe
Daniel A. Tuba, Planning Administrator, Town of Monroe
The Honorable John E. Hodge, First Selectman, Town of New Fairfield
Maria Haussherr-Hughes, Zoning Enforcement Officer, Town of New Fairfield
Thomas J. Regan, Esq., Brown Rudnick Berlack Israels LLP
Christopher B. Fisher, Esq., Cuddy & Feder LLP
Optasite

ATTACHMENT 2

verizon

WIRELESS COMMUNICATIONS FACILITY

SITE NAME:
BOGUS HILL CT

SBA SITE # CT13061
29 BOGUS HILL RD.
NEW FAIRFIELD, CT 06812

ANTENNA MODIFICATION

PROJECT SUMMARY	
SITE NAME:	BOGUS HILL CT
SITE ADDRESS:	29 BOGUS HILL RD. NEW FAIRFIELD, CT 06812
PROPERTY OWNER:	GIRL SCOUTS OF CONNECTICUT INC 340 WASHINGTON ST. HARTFORD, CT 06106
TOWER OWNER/MGMT:	SBA SITE # CT13061
PARCEL ID:	6-4-84
COORDINATES:	41° 30' 42.6096" N 73° 28' 01.9488" 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 PROFESSIONAL ENGINEER

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

SUBMITTALS

NO	DATE	DESCRIPTION
0	05.25.21	REVIEW

DRAWN BY:	AS
CHECKED BY:	DW

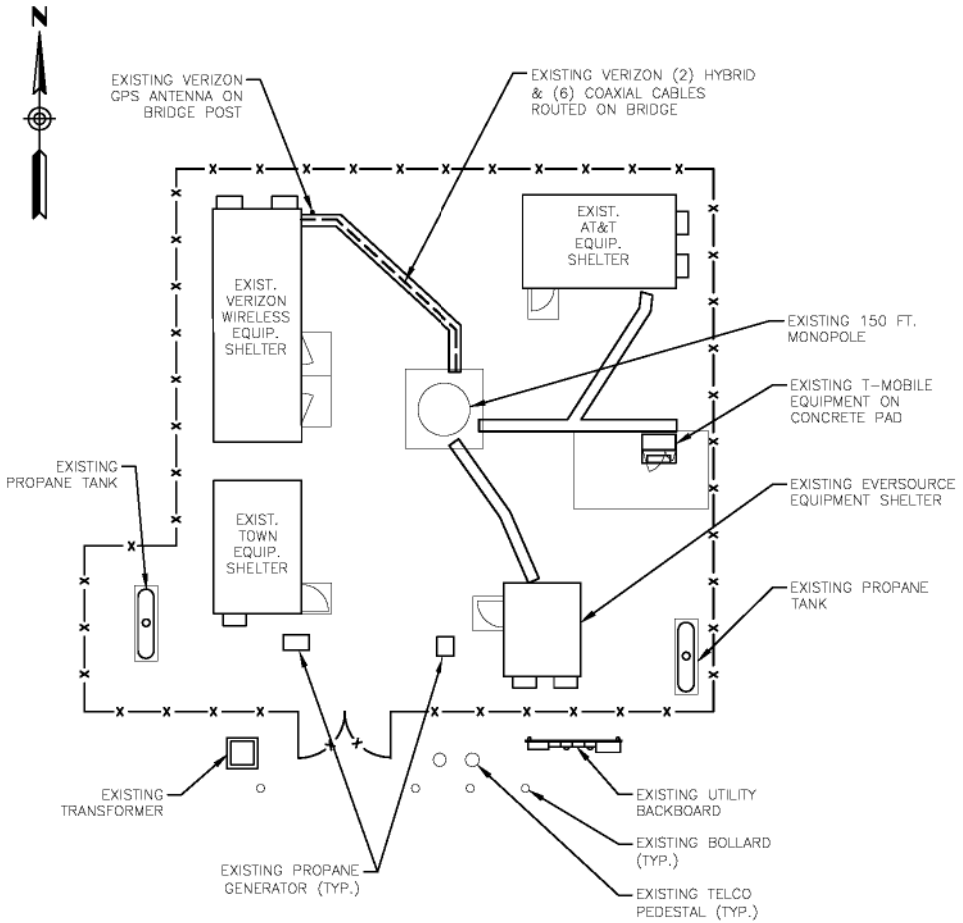
PROJECT NAME:
ANTMO
MT6407-850-LTE-PCS
DESIGN EXHIBITS

SITE NAME:
BOGUS HILL CT

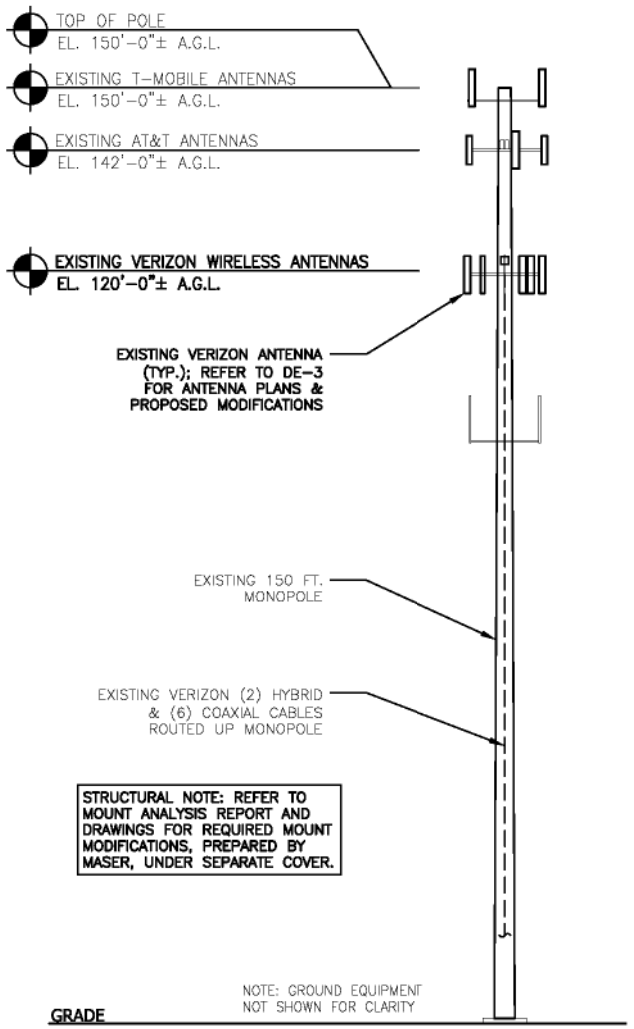
SITE ADDRESS:
SBA SITE # CT13061
29 BOGUS HILL RD.
NEW FAIRFIELD, CT 06812

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
DE-1



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



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

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 ON 3-3-21 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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SUBMITTALS

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0	05.25.21	REVIEW

DRAWN BY:	AS
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MT6407-850-LTE-PCS
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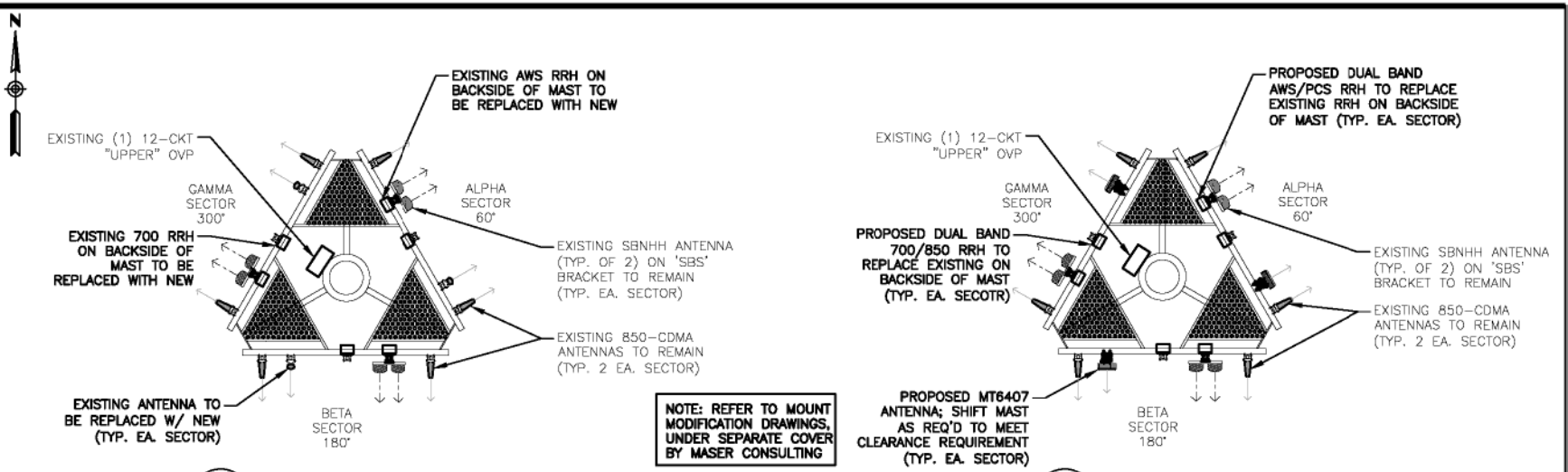
BOGUS HILL CT

SITE ADDRESS:
SBA SITE # CT13061
29 BOGUS HILL RD.
NEW FAIRFIELD, CT 06812

SHEET TITLE:
COMPOUND PLAN & ELEVATION

SHEET NUMBER:
DE-2

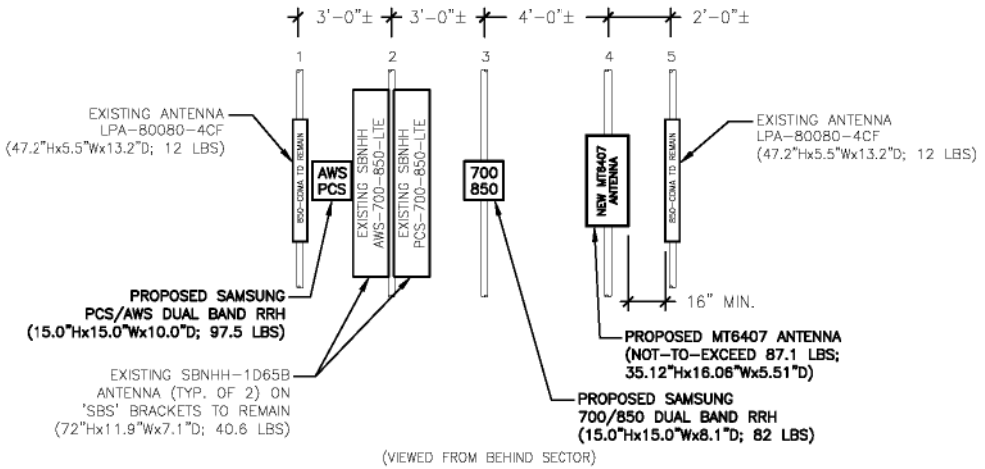


1 / DE-3 ANTENNA PLAN @ 120 FT. - EXISTING
Scale: 1/8" = 1'-0"

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

NOTE: NEW DUAL RRH LOCATIONS SHOWN BASED ON MOUNT ANALYSIS BY OTHERS

2 / DE-3 ANTENNA PLAN @ 120 FT. - PROPOSED
Scale: 1/8" = 1'-0"



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

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

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SUBMITTALS

NO	DATE	DESCRIPTION
0	05.25.21	REVIEW

DRAWN BY:	AS
CHECKED BY:	DW

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

SITE NAME:
BOGUS HILL CT

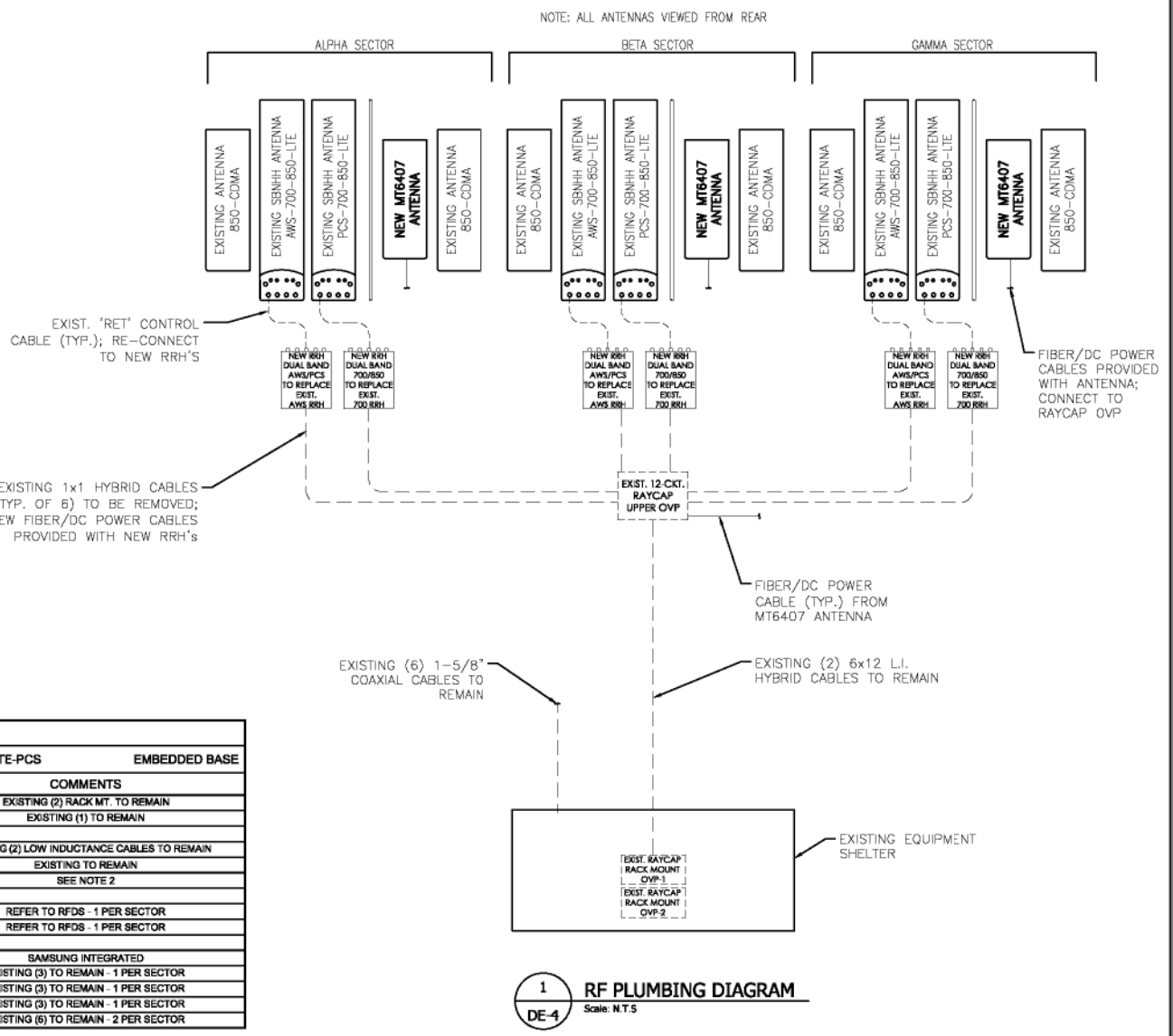
SITE ADDRESS:
SBA SITE # CT13061
29 BOGUS HILL RD.
NEW FAIRFIELD, CT 06812

SHEET TITLE:
ANTENNA PLANS & ELEVATION

SHEET NUMBER:
DE-3

GENERAL NOTES:

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



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

BILL OF MATERIALS

SITE NAME: BOGUS HILL CT		ANTMO MT6407-850-LTE-PCS	EMBEDDED BASE
DESCRIPTION	**QTY**	**LENGTH**	**COMMENTS**
6-CKT. LOWER OVP	-	-	EXISTING (2) RACK MT. TO REMAIN
12-CKT. UPPER OVP	-	-	EXISTING (1) TO REMAIN
6x12 HYBRID CABLE	-	-	EXISTING (2) LOW INDUCTANCE CABLES TO REMAIN
"RET" CONTROL CABLE	-	-	EXISTING TO REMAIN
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
MT6407 ANTENNA	3	-	SAMSUNG INTEGRATED
SBNHH AWS-700-850-LTE ANTENNA	-	-	EXISTING (3) TO REMAIN - 1 PER SECTOR
SBNHH PCS-700-850-LTE ANTENNA	-	-	EXISTING (3) TO REMAIN - 1 PER SECTOR
SBS MOUNTING BRACKET	-	-	EXISTING (3) TO REMAIN - 1 PER SECTOR
850-CDMA ANTENNA	-	-	EXISTING (6) TO REMAIN - 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.
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SUBMITTALS

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SITE ADDRESS:
SBA SITE # CT13061
29 BOGUS HILL RD.
NEW FAIRFIELD, CT 06812

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

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

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

SUBMITTALS		
0	05.25.21	REVIEW
NO	DATE	DESCRIPTION

DRAWN BY:	AS
CHECKED BY:	DW

PROJECT NAME:

ANTMO
MT6407-850-LTE-PCS
DESIGN EXHIBITS

SITE NAME:

BOGUS HILL CT

SITE ADDRESS:

SBA SITE # CT13061
29 BOGUS HILL RD.
NEW FAIRFIELD, CT 06812

SHEET TITLE:

GENERAL
CONSTRUCTION
NOTES

SHEET NUMBER:

DE-5

SAMSUNG

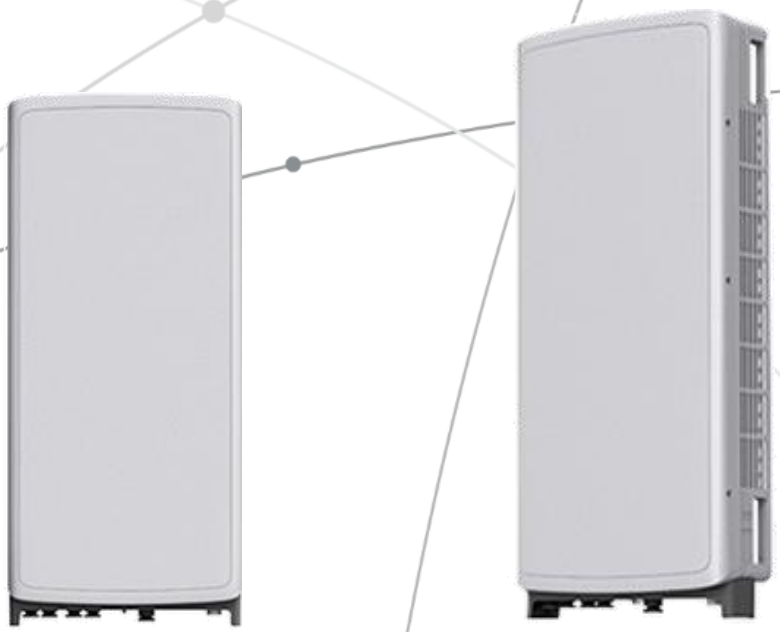
SAMSUNG

C-Band 64T64R Massive MIMO Radio

for High Capacity and Wide Coverage

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

Model Code : MT6407-77A

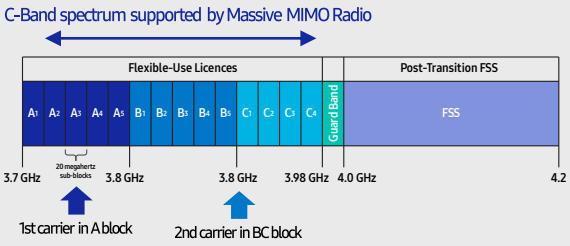


Points of Differentiation

Wide Bandwidth

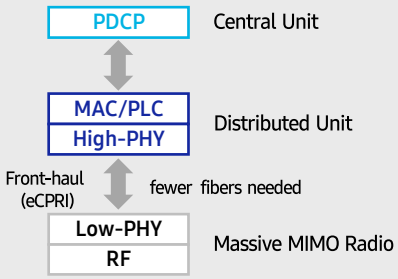
With capability to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

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



Future Proof Product

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



Enhanced Performance

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

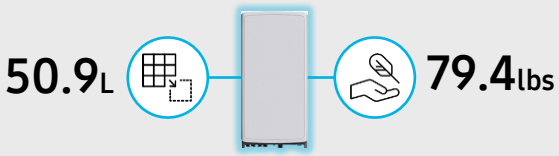
This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

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

Well Matched Design

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

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



Technical Specifications

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

SAMSUNG

About Samsung Electronics Co., Ltd.

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

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

SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

ATTACHMENT 3

	General	Power	Density						
Site Name: Bogus Hill (New Fairfield)									
Tower Height: Verizon @ 120ft									
CARRIER	**# OF CHAN.**	**WATTS ERP**	**HEIGHT**	**FREQ.**	**CALC. POWER DENS**	**MAX. PERMISS. EXP.**	**FRACTION MPE**	**Total**	
*AT&T-UMTS	2	414	142	850	0.0161	0.5667	0.28%		
*AT&T-UMTS	2	627	142	700	0.0244	0.4667	0.52%		
*AT&T-UMTS	4	1005	142	2300	0.0782	1.0000	0.78%		
*AT&T-PCS-UMTS	2	927	142	850	0.0360	0.5667	0.64%		
*AT&T-LTE	2	579	142	850	0.0225	0.5667	0.40%		
*AT&T-PCS-LTE	4	1089	142	1900	0.0847	1.0000	0.85%		
*AT&T-GSM	4	896	142	2100	0.0697	1.0000	0.70%		
*CL&P	4	10	100	220	0.0016	0.2000	0.08%		
*CL&P	1	100	98	37.48	0.0042	0.2000	0.21%		
*CL&P	1	100	98	44.34	0.0042	0.2000	0.21%		
*T-Mobile	2	1653	150	1900/2100	0.0573	1.0000	0.57%		
*T-Mobile	4	1403	150	1900/2100	0.0973	1.0000	0.97%		
*T-Mobile	1	865	150	700	0.0150	0.4667	0.32%		
VZW 700	**4**	**705**	**120**	**751**	**0.0070**	**0.5007**	**1.41%**		
VZW CDMA	**2**	**362**	**120**	**877.26**	**0.0018**	**0.5848**	**0.31%**		
VZW Cellular	**4**	**838**	**120**	**874**	**0.0084**	**0.5827**	**1.44%**		
VZW PCS	**4**	**1630**	**120**	**1980**	**0.0163**	**1.0000**	**1.63%**		
VZW AWS	**4**	**1617**	**120**	**2120**	**0.0162**	**1.0000**	**1.62%**		
VZW CBAND	**4**	**6531**	**120**	**3730.08**	**0.0652**	**1.0000**	**6.52%**		
								19.46%	
* 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 149 ft SABRE Monopole

Customer Name: SBA Communications Corp

Customer Site Number: CT13061-A

Customer Site Name: New Fairfield

Carrier Name: Verizon (App#: 160150-1, V#)

Carrier Site ID / Name: 467279 / BOGUS_HILL_CT

Site Location: 29 Bogus Hill Road

New Fairfield, Connecticut

Fairfield County

Latitude: 41.511833

Longitude: -73.450528

Exp.10/31/2021

07/26/2021

Analysis Result:

Max Structural Usage: 76.9% [Pass]

Max Foundation Usage: 80.0% [Pass]

Additional Usage Caused by Mount Modification: + 3.0%

Report Prepared By: Saroj Dangol

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

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Report Prepared By: Saroj Dangol

Introduction

The purpose of this report is to summarize the analysis results on the 149 ft SABRE Monopole to support the proposed antennas and transmission lines in addition to those currently installed. Any modification listed under Sources of Information was assumed completed and was included in this analysis.

Sources of Information

Tower Drawings	Original structural design report & tower section data prepared by Sabre Communications Corporation. Dated 11-07-2006. Drawing No 07-11088-PE. Job No 07-11088. Previous structural report prepared by FDH Engineering, Inc. Dated 03-12-2015. Project No 15BFZD1400.
Foundation Drawing	Original foundation design prepared by Sabre Communications Corporation. Dated 11-07-2006. Job No 07-11088.
Geotechnical Report	Geotechnical report prepared by JGI Eastern, Inc. Dated 10-12-2006. Project No 06645G.
Modification Drawings	N/A
Mount Analysis	Mount mod designed by Maser Consulting; Project no.# 10056452 dated 04/30/2021

Analysis Criteria

The rigorous analysis was performed in accordance with the requirements and stipulations of the ANSI/TIA/EIA 222-G. 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} = 115.0 mph (3-Sec. Gust) Nominal Design Wind Speed V_{asd} = 89.0 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:	ANSI/TIA/EIA 222-G / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	C
Structure Class:	II
Topographic Category:	1
Crest Height:	0 ft
Seismic Parameters:	S_S = 0.206, S_1 = 0.066

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	151.3	1	RFS BA1010 - Whip	(1) Standoff Mount	(1) 7/8"[1]	Town Of New Fairfield
2	150.0	3	Commscope LNX-6515DS-VTM - Panel	Low Profile Platform	(18) 1 5/8"	T-Mobile
3		3	RFS APXV18-209014 - Panel			
4		3	RFS APXV18-206517S-A20 - Panel			
5		3	Ericsson KRY 112 489/2			
6		3	Kathrein 782 11056			
7	142.0	3	Ericsson RRUS 32 RRU	Low Profile Platform	(12) 1 5/8" (2) 1/2" Fiber (1) 3" Conduit (4) 3/4" DC Power	AT&T
8		3	Ericsson 4426 B66 RRU			
9		3	Cci HPA-65R-BUU-H6 - Panel			
10		9	Powerwave LGP-21401 TMA			
11		3	Powerwave TT19-08BP111-001 TMA			
12		3	Ericsson RRUS 11 RRU			
13		3	Ericsson RRUS 12 RRU			
14	141.0	3	Ericsson RRUS-A2 RRU Modules			
15		2	Raycap DC6-48-60-18-8F -SP			
16		3	Powerwave 1001983 - Smart Bias Ts			
17		3	Kathrein 80010798 - Panel			
18		6	Kaelus DBCT108F1V92-1 Diplexer			
19		3	Powerwave 7770 - Panel			
20	134.8	1	RFS BA40-01 - Whip	(1) Standoff Mount	(1) 7/8"	Town Of New Fairfield
-	121.1	3	Andrew SBNHH-1D65B - Panel	Low Profile Platform	(10) 1 5/8" (2) Hybrid Fiber	Verizon
-	120.0	3	ALU 2x90 AWS - RRH			
-	119.5	6	Antel LPA-80080-4CF-EDIN-0 - Panel			
-		3	Andrew SBNHH-1D65B - Panel			
-		1	Andrew RC2DC-3315-PF-48 - RET			
27	100.0	1	Sinclair SD210-SF3P2LDF – 16' Whip	(1) Single Arm Mount	(1) 7/8"	CL&P
28	99.5	2	RFS 1142- 13' Whip	(2) Single Arm Mount	(2) 7/8"	

[1] The (1) 7/8" feed line is installed on the outside of the pole's shaft from 94.0' to the mount elevation.

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
21	120.0	3	Samsung MT6407-77A - Panel	Low Profile Platform + Modification [VZSMART-PLK1+PLK5+PLK7]	(10) 1 5/8" (2) 1 5/8" Hybrid	Verizon
22		3	Samsung B2/B66A			
23		3	Samsung B5/B13			
24		1	Raycap RC2DC-3315-PF-48			
25	119.5	6	Antel LPA-80080-4CF-EDIN-0 - Panel			
26		6	Andrew SBNHH-1D65B w/ Mount Pipe - Panel			

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
Max. Usage:	**76.9%**	**73.9%**	**53.6%**
Pass/Fail	**Pass**	**Pass**	**Pass**

Foundations

	Moment (Kip-Ft)	Shear (Kips)	Axial (Kips)
Analysis Reactions	2839.0	25.8	64.4

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 1.4611 degrees under the operational wind speed as specified in the Analysis Criteria.

Conclusions

Based on the analysis results, the existing structure and its foundation were found to be adequate to safely support the existing and proposed equipment and meet the minimum requirements per the TIA-222 Standard under the design basic wind speed as specified in the Analysis Criteria.

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 76.91% at 0.0ft

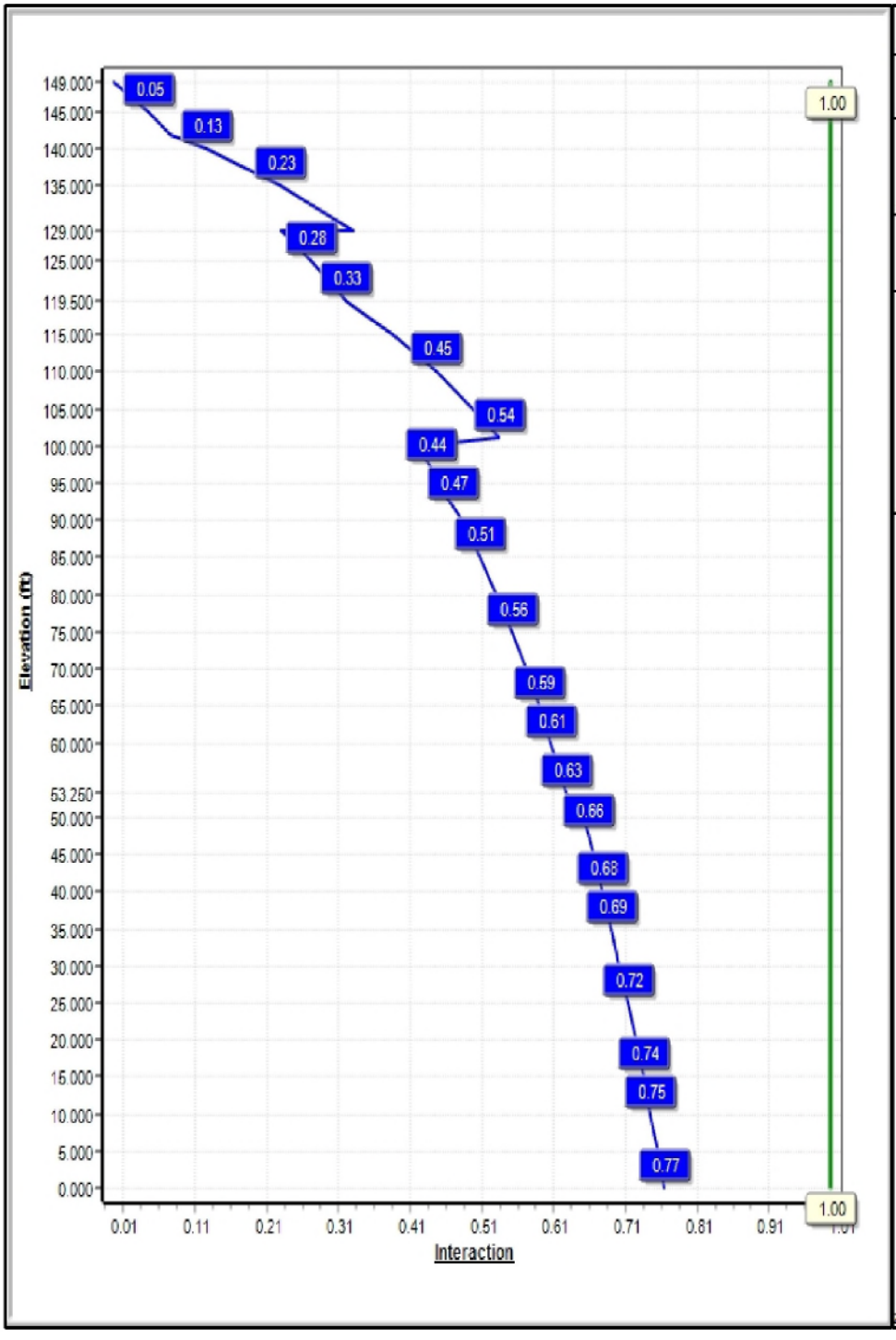
Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021
Site Name:	New Fairfield	**Exposure:**	C	
Height:	149.00 (ft)	**Gh:**	1.1	
Base Elev:	1.000 (ft)			Page: 1

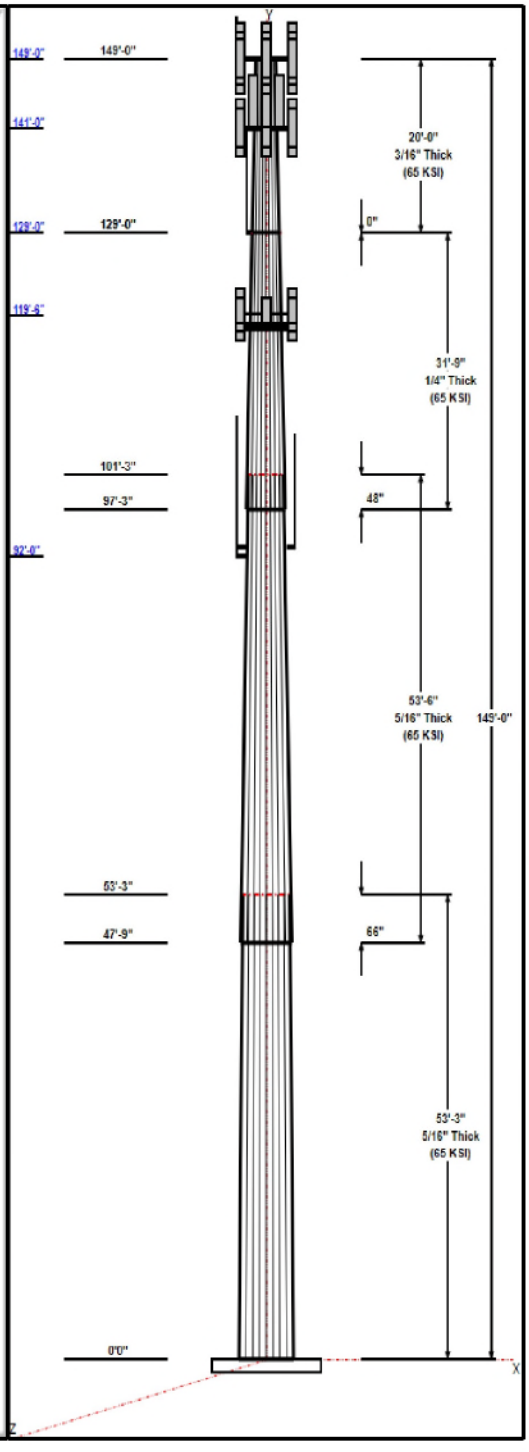
Tower Engineering Solutions

Dead Load Factor:	1.20
Wind Load Factor:	1.60

Load Case : 1.2D + 1.6W 89 mph Wind

Iterations: 25





Structure: CT13061-A-SBA

Type: Tapered
Site Name: New Fairfield
Height: 149.00 (ft)
Base Elev: 1.00 (ft)

Base Shape: 18 Sided
Taper: 0.25534

7/26/2021

Tower Engineering Solutions

Shaft Properties

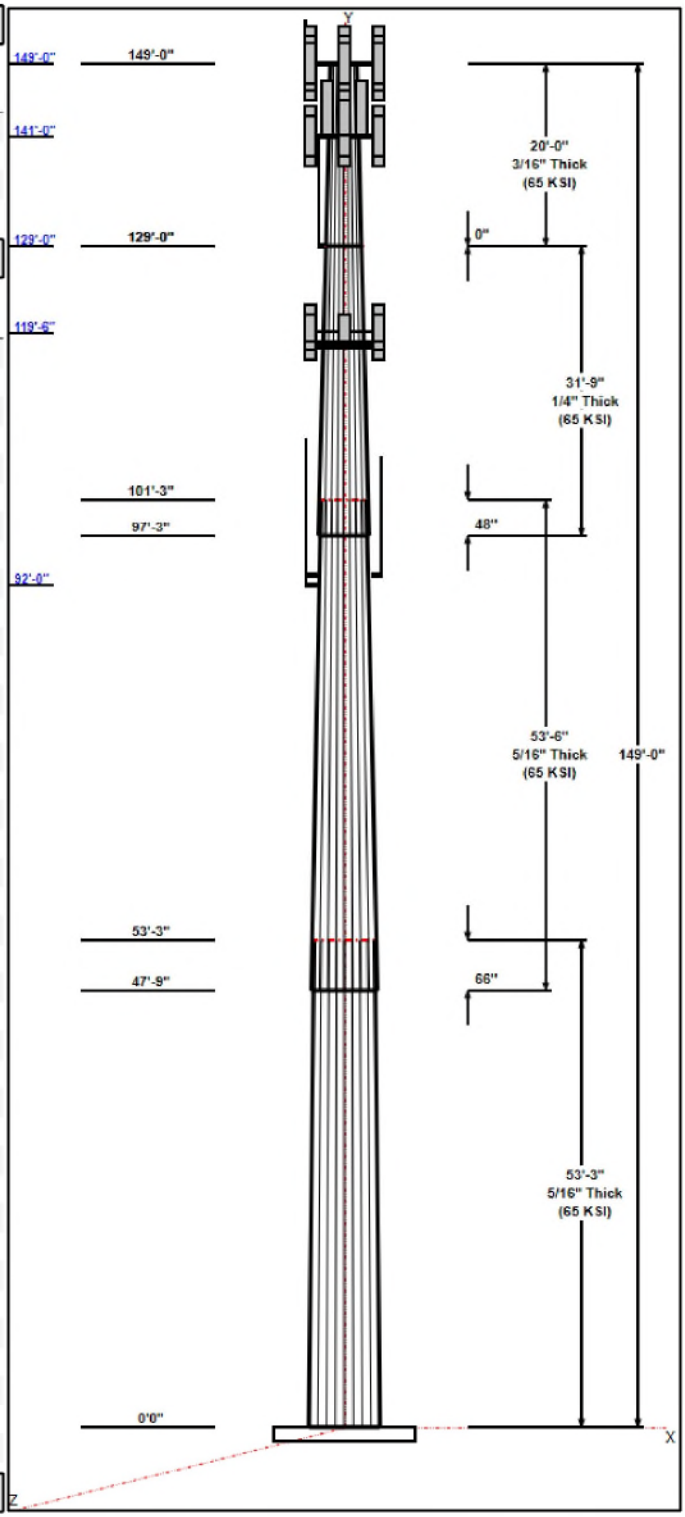
Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	53.25	42.32	55.92	0.313		0.25534	65
2	53.50	30.69	44.35	0.313	Slip	0.25534	65
3	31.75	24.11	32.21	0.250	Slip	0.25534	65
4	20.00	19.00	24.11	0.188	Butt	0.25534	65

Discrete Appurtenances

Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
149.00	152.50	1	Lightning Rod	---
149.00	151.35	1	RFS BA1010	T. Of New Fairfield
149.00	149.00	3	Commscope	T-Mobile
149.00	149.00	3	RFS APXV18-209014	T-Mobile
149.00	149.00	3	RFS	T-Mobile
149.00	149.00	3	Ericsson KRY 112 489/2	T-Mobile
149.00	149.00	3	Kathrein 782 11056	T-Mobile
149.00	149.00	1	Low Profile Platform	T-Mobile
149.00	149.00	1	Standoff Mount	T. Of New Fairfield
142.00	142.00	3	Ericsson RRUS 32 RRU	AT&T
142.00	144.00	3	Cci HPA-65R-BUU-H6	AT&T
142.00	144.00	9	Powerwave LGP-21401	AT&T
142.00	144.00	3	Powerwave	AT&T
142.00	142.00	3	Ericsson RRUS 11 RRU	AT&T
142.00	144.00	3	Ericsson RRUS 12 RRU	AT&T
142.00	142.00	3	Ericsson 4426 B66 RRU	AT&T
141.00	141.00	3	Kathrein 80010798	AT&T
141.00	141.00	6	Kaelus DBCT108F1V92-1	AT&T
141.00	141.00	3	Ericsson RRUS-A2 RRU	AT&T
141.00	141.00	2	Raycap DC6-48-60-18-8F	AT&T
141.00	141.00	3	Powerwave 1001983	AT&T
141.00	141.00	1	Low Profile Platform	AT&T
141.00	141.00	3	Powerwave 7770	AT&T
129.00	134.75	1	RFS BA40-01	T. Of New Fairfield
129.00	129.00	1	Standoff Mount	T. Of New Fairfield
119.50	119.50	6	Antel	Verizon
119.50	120.00	3	MT6407-77A	Verizon
119.50	120.00	3	B2/B66A RRH-BR049	Verizon
119.50	120.00	3	B5/B13 RRH-BR04C	Verizon
119.50	119.50	1	MS-H1242 (Heavy Collar	Verizon
119.50	119.50	1	MS-KI22-5 (Kickers w/o	Verizon
119.50	120.00	1	HRK12 (Handrail Kit)	Verizon
119.50	119.50	1	Low Profile Platform	Verizon
119.50	120.00	1	Andrew	Verizon
119.50	119.50	6	Andrew SBNHH-1D65B	Verizon
93.00	99.50	2	RFS 1142	CL&P
93.00	93.00	2	Single Arm Mount	CL&P
92.00	100.00	1	Sinclair SD210-SF3P2LDF	CL&P
92.00	92.00	1	Single Arm Mount	CL&P

Linear Appurtenances

Elev From (ft)	Elev To (ft)	Placement	Description	Carrier
3.00	149.00	Inside	1 5/8" Coax	T-Mobile
3.00	149.00	Inside	7/8" Coax	T. Of New Fairfield
94.00	149.00	Outside	7/8" Coax	T. Of New Fairfield



3.00	141.00	Inside	1 5/8" Coax	AT&T
3.00	141.00	Inside	1/2" Fiber	AT&T
3.00	141.00	Inside	3" Conduit	AT&T
3.00	141.00	Inside	3/4" DC	AT&T
3.00	129.00	Inside	7/8" Coax	T. Of New Fairfield
3.00	120.00	Inside	1 5/8" Coax	Verizon
3.00	120.00	Inside	1 5/8" Hybrid	Verizon
3.00	93.00	Inside	7/8" Coax	CL&P
3.00	92.00	Inside	7/8" Coax	CL&P

Anchor Bolts

Qty	Specifications	Grade (ksi)	Arrangement
12	2.25" 18J	75.0	Cluster

Base Plate

Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
2.7500	59.8	60.0	Clipped

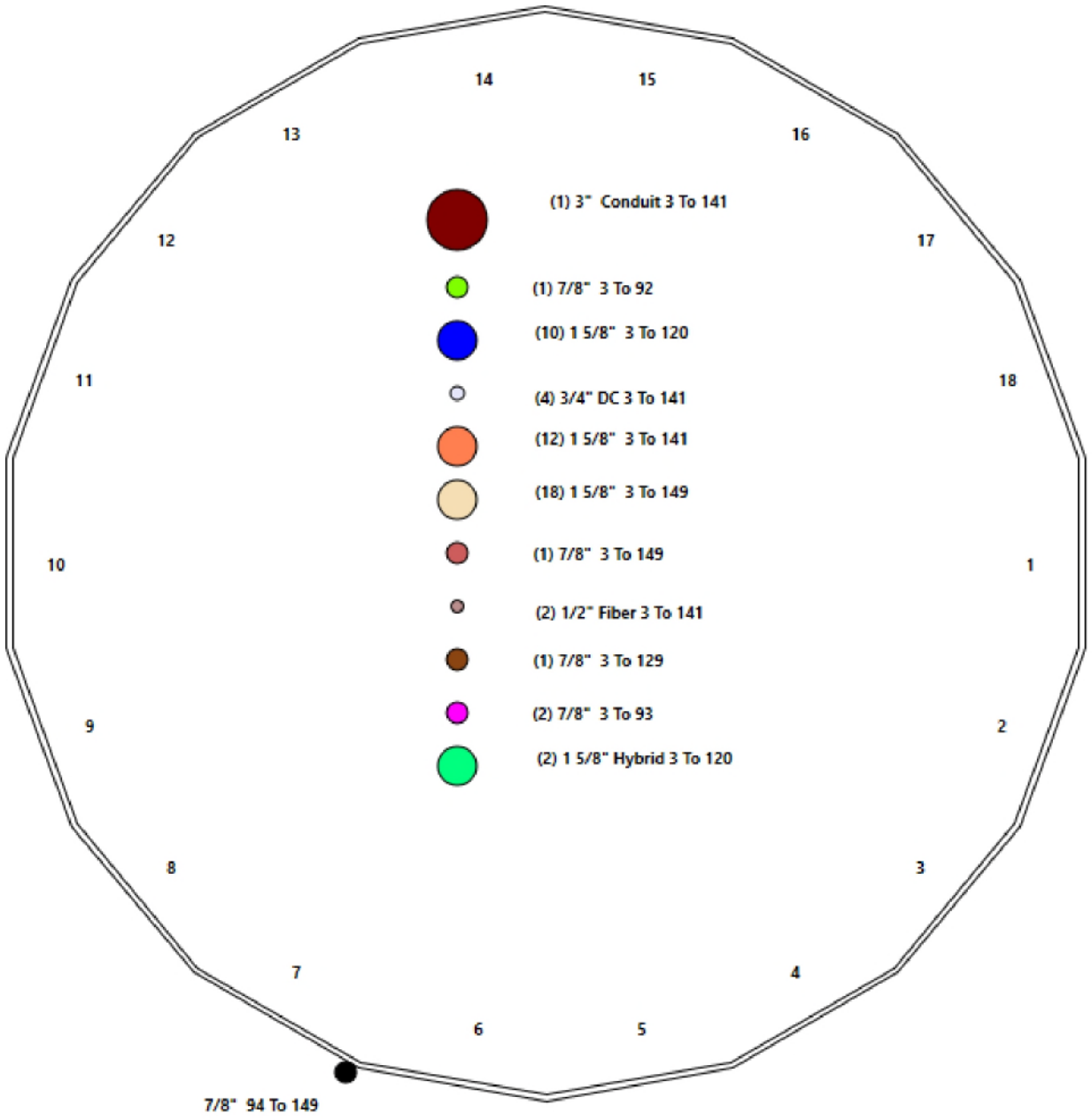
Reactions

Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.6W 89 mph Wind	2839.0	25.8	41.1
0.9D + 1.6W 89 mph Wind	2804.7	25.8	30.8
1.2D + 1.0Di + 1.0Wi 50 mph Wind	992.0	9.0	64.4
1.2D + 1.0E	224.6	1.8	41.2
0.9D + 1.0E	221.6	1.8	30.9
1.0D + 1.0W 60 mph Wind	800.9	7.3	34.3

Structure: CT13061-A-SBA - Coax Line Placement

Type: Monopole
Site Name: New Fairfield
Height: 149.00 (ft)

7/26/2021



Shaft Properties

Structure:	CT13061-A-SBA		**Code:**	EIA/TIA-222-G	7/26/2021
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
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	18	53.250	0.3125	65		0.00	8,772
2	18	53.500	0.3125	65	Slip	66.00	6,719
3	18	31.750	0.2500	65	Slip	48.00	2,393
4	18	20.000	0.1875	65	Flange	0.00	865
					Total Shaft Weight:		**18,749**

	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	55.92	0.00	55.15	21547.38	30.14	178.94	42.32	53.25	41.67	9291.37	22.47	135.4	0.255336
2	44.35	47.75	43.68	10703.92	23.62	141.93	30.69	101.25	30.13	3513.56	15.91	98.22	0.255336
3	32.21	97.25	25.36	3273.80	21.31	128.85	24.11	129.00	18.93	1361.18	15.59	96.43	0.255336
4	24.11	129.0	14.23	1028.93	21.26	128.57	19.00	149.00	11.20	500.59	16.46	101.3	0.255336

Load Summary

Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
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	149.00	Lightning Rod	1	35.00	1.05	1.00	66.41	3.424	1.00	0.00	3.50
2	149.00	RFS BA1010	1	8.80	1.24	1.00	73.68	2.274	1.00	0.00	2.35
3	149.00	Commscope LNX-6515DS-VTM	3	49.80	11.45	0.84	279.70	14.695	0.84	0.00	0.00
4	149.00	RFS APXV18-209014	3	18.70	3.51	0.79	105.99	4.447	0.79	0.00	0.00
5	149.00	RFS APXV18-206517S-A20	3	26.50	5.17	0.79	129.30	7.299	0.79	0.00	0.00
6	149.00	Ericsson KRY 112 489/2	3	11.00	0.56	0.67	21.78	1.209	0.67	0.00	0.00
7	149.00	Kathrein 782 11056	3	2.60	0.15	0.67	9.13	0.365	0.67	0.00	0.00
8	149.00	Low Profile Platform	1	1500.00	22.00	1.00	2808.91	39.662	1.00	0.00	0.00
9	149.00	Standoff Mount	1	60.00	1.80	1.00	180.42	5.885	1.00	0.00	0.00
10	142.00	Ericsson RRUS 32 RRU	3	77.00	1.65	0.70	125.18	2.227	0.70	0.00	0.00
11	142.00	Cci HPA-65R-BUU-H6	3	50.70	9.66	0.85	297.43	11.019	0.85	0.00	2.00
12	142.00	Powerwave LGP-21401 TMA	9	14.10	1.05	1.00	38.98	1.727	1.00	0.00	2.00
13	142.00	Powerwave TT19-08BP111-001 TMA	3	16.00	0.55	0.90	36.14	1.057	0.90	0.00	2.00
14	142.00	Ericsson RRUS 11 RRU	3	55.00	2.52	0.78	121.11	3.150	0.78	0.00	0.00
15	142.00	Ericsson RRUS 12 RRU	3	50.00	3.15	0.70	111.63	4.400	0.70	0.00	2.00
16	142.00	Ericsson 4426 B66 RRU	3	48.50	1.15	0.73	87.38	1.622	0.73	0.00	0.00
17	141.00	Kathrein 80010798	3	86.30	10.69	0.78	327.73	12.130	0.78	0.00	0.00
18	141.00	Kaelus DBCT108F1V92-1 Diplexer	6	16.70	0.71	0.70	34.98	1.063	0.70	0.00	0.00
19	141.00	Ericsson RRUS-A2 RRU Modules	3	15.00	1.57	0.67	40.41	2.388	0.67	0.00	0.00
20	141.00	Raycap DC6-48-60-18-8F	2	32.80	2.20	1.00	118.86	3.345	1.00	0.00	0.00
21	141.00	Powerwave 1001983 Smart Bias Ts	3	2.90	0.11	1.00	6.55	0.298	1.00	0.00	0.00
22	141.00	Low Profile Platform	1	1500.00	22.00	1.00	2801.76	39.565	1.00	0.00	0.00
23	141.00	Powerwave 7770	3	35.00	5.51	0.73	216.16	6.559	0.73	0.00	0.00
24	129.00	RFS BA40-01	1	32.00	3.45	1.00	96.87	10.079	1.00	0.00	5.75
25	129.00	Standoff Mount	1	60.00	1.80	1.00	178.71	5.827	1.00	0.00	0.00
26	119.50	Antel LPA-80080-4CF-EDIN-0	6	12.00	5.40	0.74	125.12	7.218	0.74	0.00	0.00
27	119.50	MT6407-77A	3	79.40	4.69	0.70	195.82	5.616	0.72	0.00	0.50
28	119.50	B2/B66A RRH-BR049	3	84.40	1.87	0.67	158.91	2.430	0.70	0.00	0.50
29	119.50	B5/B13 RRH-BR04C (RFV01U-D2A)	3	70.30	1.87	0.67	137.78	2.430	0.70	0.00	0.50
30	119.50	MS-H1242 (Heavy Collar Mount)	1	150.00	2.50	1.00	354.89	5.061	1.00	0.00	0.00
31	119.50	MS-KI22-5 (Kickers w/o Collar)	1	291.00	8.00	1.00	688.49	16.196	1.00	0.00	0.00
32	119.50	HRK12 (Handrail Kit)	1	504.00	8.20	1.00	1089.16	16.040	1.00	0.00	0.50
33	119.50	Low Profile Platform	1	1500.00	22.00	1.00	2780.56	39.279	1.00	0.00	0.00
34	119.50	Andrew RC2DC-3315-PF-48	1	32.00	3.79	1.00	144.22	4.724	1.00	0.00	0.50
35	119.50	Andrew SBNHH-1D65B (119.5)	6	40.00	8.16	0.83	237.91	9.430	0.83	0.00	0.00
36	93.00	RFS 1142	2	10.00	3.90	1.00	29.15	12.347	1.00	0.00	6.50
37	93.00	Single Arm Mount	2	60.00	1.80	1.00	174.92	5.699	1.00	0.00	0.00
38	92.00	Sinclair SD210-SF3P2LDF	1	18.50	4.80	1.00	75.64	11.543	1.00	0.00	8.00
39	92.00	Single Arm Mount	1	60.00	1.80	1.00	174.80	5.694	1.00	0.00	0.00
		Totals:	**101**	**8,833.30**			**22,123.67**				

Linear Appurtenances

Bottom Elev. (ft)	Top Elev. (ft)	Description	Exposed Width	Exposed
3.00	149.00	(18) 1 5/8" Coax	0.00	Inside
3.00	149.00	(1) 7/8" Coax	0.00	Inside

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)
94.00	149.00	(1) 7/8" Coax			1.11	Outside					
3.00	141.00	(12) 1 5/8" Coax			0.00	Inside					
3.00	141.00	(2) 1/2" Fiber			0.00	Inside					
3.00	141.00	(1) 3" Conduit			0.00	Inside					
3.00	141.00	(4) 3/4" DC			0.00	Inside					
3.00	129.00	(1) 7/8" Coax			0.00	Inside					
3.00	120.00	(10) 1 5/8" Coax			0.00	Inside					
3.00	120.00	(2) 1 5/8" Hybrid			0.00	Inside					
3.00	93.00	(2) 7/8" Coax			0.00	Inside					
3.00	92.00	(1) 7/8" Coax			0.00	Inside					

Shaft Section Properties

Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 8	

Tower Engineering Solutions

Increment Length: **5 (ft)**

Elev (ft)	Description	Thick (in)	Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fpy (ksi)	S (in^3)	Weight (lb)
0.00		0.3125	55.920	55.154	21547.4	30.14	178.94	65.9	758.9	0.0
5.00		0.3125	54.643	53.887	20097.1	29.42	174.86	66.8	724.4	927.6
10.00		0.3125	53.367	52.621	18713.4	28.70	170.77	67.6	690.7	906.1
15.00		0.3125	52.090	51.355	17394.7	27.98	166.69	68.5	657.7	884.5
20.00		0.3125	50.813	50.089	16139.5	27.26	162.60	69.3	625.6	863.0
25.00		0.3125	49.537	48.822	14946.1	26.54	158.52	70.2	594.3	841.4
30.00		0.3125	48.260	47.556	13813.1	25.82	154.43	71.0	563.7	819.9
35.00		0.3125	46.983	46.290	12738.8	25.10	150.35	71.9	534.0	798.3
40.00		0.3125	45.707	45.024	11721.7	24.38	146.26	72.7	505.1	776.8
45.00		0.3125	44.430	43.757	10760.3	23.66	142.18	73.6	477.0	755.3
47.75	Bot - Section 2	0.3125	43.728	43.061	10254.6	23.26	139.93	74.0	461.9	406.2
50.00		0.3125	43.153	42.491	9852.9	22.94	138.09	74.4	449.7	659.8
53.25	Top - Section 1	0.3125	42.948	42.288	9712.3	22.82	137.43	0.0	0.0	937.6
55.00		0.3125	42.502	41.845	9410.1	22.57	136.00	74.9	436.1	250.5
60.00		0.3125	41.225	40.578	8581.4	21.85	131.92	75.7	410.0	701.2
65.00		0.3125	39.948	39.312	7802.9	21.13	127.83	76.5	384.7	679.6
70.00		0.3125	38.672	38.046	7072.9	20.41	123.75	77.4	360.2	658.1
75.00		0.3125	37.395	36.780	6389.9	19.69	119.66	78.2	336.6	636.5
80.00		0.3125	36.118	35.513	5752.4	18.97	115.58	79.1	313.7	615.0
85.00		0.3125	34.841	34.247	5158.8	18.25	111.49	79.9	291.6	593.4
90.00		0.3125	33.565	32.981	4607.4	17.53	107.41	80.8	270.4	571.9
92.00		0.3125	33.054	32.474	4398.4	17.24	105.77	81.1	262.1	222.7
93.00		0.3125	32.799	32.221	4296.3	17.10	104.96	81.3	258.0	110.1
95.00		0.3125	32.288	31.715	4096.9	16.81	103.32	81.6	249.9	217.6
97.25	Bot - Section 3	0.3125	31.714	31.145	3880.0	16.48	101.48	82.0	241.0	240.6
100.00		0.3125	31.011	30.448	3625.5	16.09	99.24	82.5	230.3	522.9
101.25	Top - Section 2	0.2500	31.192	24.552	2969.9	20.59	124.77	0.0	0.0	233.8
105.00		0.2500	30.235	23.792	2702.6	19.91	120.94	78.0	176.1	308.4
110.00		0.2500	28.958	22.779	2371.9	19.01	115.83	79.0	161.3	396.2
115.00		0.2500	27.681	21.766	2069.3	18.11	110.73	80.1	147.2	378.9
119.50		0.2500	26.532	20.854	1820.0	17.30	106.13	81.0	135.1	326.3
120.00		0.2500	26.405	20.753	1793.6	17.21	105.62	81.2	133.8	35.4
125.00		0.2500	25.128	19.740	1543.6	16.31	100.51	82.2	121.0	344.5
129.00	Top - Section 3	0.2500	24.107	18.930	1361.2	15.59	96.43	82.5	111.2	263.2
129.00	Bot - Section 4	0.1875	24.107	14.234	1028.9	20.79	128.57	76.4	84.1	
130.00		0.1875	23.851	14.082	996.3	21.02	127.21	76.7	82.3	48.2
135.00		0.1875	22.575	13.323	843.6	19.82	120.40	78.1	73.6	233.1
140.00		0.1875	21.298	12.563	707.4	18.62	113.59	79.5	65.4	220.2
141.00		0.1875	21.043	12.411	682.0	18.38	112.23	79.8	63.8	42.5
142.00		0.1875	20.787	12.259	657.3	18.14	110.87	80.1	62.3	42.0
145.00		0.1875	20.021	11.803	586.6	17.42	106.78	80.9	57.7	122.8
149.00		0.1875	19.000	11.195	500.6	16.46	101.33	82.0	51.9	156.5
										18748.6

Wind Loading - Shaft

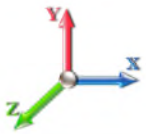
Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 9	

Tower Engineering Solutions

Load Case: 1.2D + 1.6W 89 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	16.374	18.01	388.27	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	16.374	18.01	379.41	0.650	0.000	5.00	23.389	15.20	438.1	0.0	1113.1
10.00		1.00	0.85	16.374	18.01	370.54	0.650	0.000	5.00	22.849	14.85	428.0	0.0	1087.3
15.00		1.00	0.86	16.576	18.23	363.90	0.650	0.000	5.00	22.309	14.50	423.1	0.0	1061.4
20.00		1.00	0.91	17.553	19.31	365.29	0.650	0.000	5.00	21.769	14.15	437.1	0.0	1035.6
25.00		1.00	0.95	18.360	20.20	364.21	0.650	0.000	5.00	21.229	13.80	445.9	0.0	1009.7
30.00		1.00	0.99	19.053	20.96	361.46	0.650	0.000	5.00	20.689	13.45	450.9	0.0	983.9
35.00		1.00	1.02	19.662	21.63	357.48	0.650	0.000	5.00	20.148	13.10	453.2	0.0	958.0
40.00		1.00	1.05	20.208	22.23	352.56	0.650	0.000	5.00	19.608	12.75	453.3	0.0	932.2
45.00		1.00	1.07	20.704	22.77	346.88	0.650	0.000	5.00	19.068	12.39	451.6	0.0	906.3
47.75	Bot - Section 2	1.00	1.09	20.958	23.05	343.50	0.650	0.000	2.75	10.257	6.67	245.9	0.0	487.4
50.00		1.00	1.10	21.158	23.27	340.60	0.650	0.000	2.25	8.390	5.45	203.1	0.0	791.7
53.25	Top - Section 1	1.00	1.11	21.435	23.58	336.23	0.650	0.000	3.25	11.925	7.75	292.4	0.0	1125.1
55.00		1.00	1.12	21.579	23.74	338.77	0.650	0.000	1.75	6.327	4.11	156.2	0.0	300.6
60.00		1.00	1.14	21.971	24.17	331.57	0.650	0.000	5.00	17.712	11.51	445.2	0.0	841.4
65.00		1.00	1.16	22.339	24.57	323.97	0.650	0.000	5.00	17.172	11.16	438.8	0.0	815.6
70.00		1.00	1.18	22.685	24.95	316.04	0.650	0.000	5.00	16.632	10.81	431.6	0.0	789.7
75.00		1.00	1.19	23.012	25.31	307.80	0.650	0.000	5.00	16.092	10.46	423.6	0.0	763.8
80.00		1.00	1.21	23.323	25.66	299.30	0.650	0.000	5.00	15.551	10.11	414.9	0.0	738.0
85.00		1.00	1.23	23.619	25.98	290.54	0.650	0.000	5.00	15.011	9.76	405.6	0.0	712.1
90.00		1.00	1.24	23.901	26.29	281.57	0.650	0.000	5.00	14.471	9.41	395.7	0.0	686.3
92.00	Appurtenance(s)	1.00	1.25	24.011	26.41	277.92	0.650	0.000	2.00	5.637	3.66	154.8	0.0	267.3
93.00	Appurtenance(s)	1.00	1.25	24.065	26.47	276.08	0.650	0.000	1.00	2.786	1.81	76.7	0.0	132.1
95.00		1.00	1.25	24.172	26.59	272.39	0.650	0.000	2.00	5.508	3.58	152.3	0.0	261.1
97.25	Bot - Section 3	1.00	1.26	24.290	26.72	268.19	0.650	0.000	2.25	6.093	3.96	169.3	0.0	288.8
100.00		1.00	1.27	24.432	26.88	263.02	0.650	0.000	2.75	7.414	4.82	207.2	0.0	627.5
101.25	Top - Section 2	1.00	1.27	24.495	26.94	260.65	0.650	0.000	1.25	3.316	2.16	92.9	0.0	280.6
105.00		1.00	1.28	24.682	27.15	257.74	0.650	0.000	3.75	9.746	6.33	275.2	0.0	370.1
110.00		1.00	1.29	24.922	27.41	248.06	0.650	0.000	5.00	12.522	8.14	357.0	0.0	475.4
115.00		1.00	1.31	25.155	27.67	238.22	0.650	0.000	5.00	11.982	7.79	344.8	0.0	454.7
119.50	Appurtenance(s)	1.00	1.32	25.357	27.89	229.25	0.650	0.000	4.50	10.322	6.71	299.4	0.0	391.6
120.00		1.00	1.32	25.379	27.92	228.25	0.650	0.000	0.50	1.120	0.73	32.5	0.0	42.5
125.00		1.00	1.33	25.596	28.16	218.14	0.650	0.000	5.00	10.902	7.09	319.2	0.0	413.4
129.00	Top - Section 3	1.00	1.34	25.765	28.34	209.96	0.650	0.000	4.00	8.332	5.42	245.6	0.0	315.8
130.00		1.00	1.34	25.807	28.39	207.91	0.650	0.000	1.00	2.029	1.32	59.9	0.0	57.8
135.00		1.00	1.35	26.011	28.61	197.55	0.650	0.000	5.00	9.821	6.38	292.3	0.0	279.8
140.00		1.00	1.36	26.210	28.83	187.09	0.650	0.000	5.00	9.281	6.03	278.3	0.0	264.2
141.00	Appurtenance(s)	1.00	1.36	26.249	28.87	184.99	0.650	0.000	1.00	1.791	1.16	53.8	0.0	51.0
142.00	Appurtenance(s)	1.00	1.36	26.287	28.92	182.88	0.650	0.000	1.00	1.770	1.15	53.2	0.0	50.4
145.00		1.00	1.37	26.403	29.04	176.52	0.650	0.000	3.00	5.180	3.37	156.5	0.0	147.4
149.00	Appurtenance(s)	1.00	1.38	26.553	29.21	168.00	0.650	0.000	4.00	6.604	4.29	200.6	0.0	187.8
								Totals:	**149.00**			**11,656.1**		**22,498.3**

Discrete Appurtenance Forces

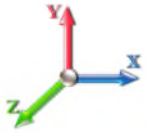
Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 10	

Tower Engineering Solutions

Load Case: 1.2D + 1.6W 89 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	149.00	Low Profile Platform	1	26.553	29.209	1.00	1.00	22.00	1800.00	0.000	0.000	1028.14	0.00	0.00
2	149.00	Kathrein 782 11056	3	26.553	29.209	0.60	0.90	0.27	9.36	0.000	0.000	12.68	0.00	0.00
3	149.00	Ericsson KRY 112 489/2	3	26.553	29.209	0.60	0.90	1.01	39.60	0.000	0.000	47.34	0.00	0.00
4	149.00	RFS	3	26.553	29.209	0.79	1.00	12.25	95.40	0.000	0.000	572.62	0.00	0.00
5	149.00	RFS APXV18-209014	3	26.553	29.209	0.79	1.00	8.32	67.32	0.000	0.000	388.76	0.00	0.00
6	149.00	Commscope	3	26.553	29.209	0.84	1.00	28.85	179.28	0.000	0.000	1348.46	0.00	0.00
7	149.00	RFS BA1010	1	26.640	29.304	1.00	1.00	1.24	10.56	0.000	2.350	58.14	0.00	136.63
8	149.00	Lightning Rod	1	26.683	29.351	1.00	1.00	1.05	42.00	0.000	3.500	49.31	0.00	172.58
9	149.00	Standoff Mount	1	26.553	29.209	1.00	1.00	1.80	72.00	0.000	0.000	84.12	0.00	0.00
10	142.00	Cci HPA-65R-BUU-H6	3	26.364	29.001	0.68	0.80	19.71	182.52	0.000	2.000	914.41	0.00	1828.81
11	142.00	Powerwave LGP-21401	9	26.364	29.001	0.80	0.80	7.56	152.28	0.000	2.000	350.79	0.00	701.59
12	142.00	Ericsson RRUS 32 RRU	3	26.287	28.916	0.56	0.80	2.77	277.20	0.000	0.000	128.25	0.00	0.00
13	142.00	Ericsson 4426 B66 RRU	3	26.287	28.916	0.58	0.80	2.01	174.60	0.000	0.000	93.22	0.00	0.00
14	142.00	Powerwave	3	26.364	29.001	0.72	0.80	1.19	57.60	0.000	2.000	55.12	0.00	110.25
15	142.00	Ericsson RRUS 11 RRU	3	26.287	28.916	0.62	0.80	4.72	198.00	0.000	0.000	218.26	0.00	0.00
16	142.00	Ericsson RRUS 12 RRU	3	26.364	29.001	0.56	0.80	5.29	180.00	0.000	2.000	245.56	0.00	491.11
17	141.00	Powerwave 7770	3	26.249	28.874	0.58	0.80	9.65	126.00	0.000	0.000	445.97	0.00	0.00
18	141.00	Low Profile Platform	1	26.249	28.874	1.00	1.00	22.00	1800.00	0.000	0.000	1016.35	0.00	0.00
19	141.00	Powerwave 1001983	3	26.249	28.874	0.80	0.80	0.26	10.44	0.000	0.000	12.20	0.00	0.00
20	141.00	Raycap DC6-48-60-18-8F	2	26.249	28.874	0.80	0.80	3.52	78.72	0.000	0.000	162.62	0.00	0.00
21	141.00	Kaelus DBCT108F1V92-1	6	26.249	28.874	0.56	0.80	2.39	120.24	0.000	0.000	110.21	0.00	0.00
22	141.00	Kathrein 80010798	3	26.249	28.874	0.62	0.80	20.01	310.68	0.000	0.000	924.49	0.00	0.00
23	141.00	Ericsson RRUS-A2 RRU	3	26.249	28.874	0.54	0.80	2.52	54.00	0.000	0.000	116.63	0.00	0.00
24	129.00	Standoff Mount	1	25.765	28.342	1.00	1.00	1.80	72.00	0.000	0.000	81.62	0.00	0.00
25	129.00	RFS BA40-01	1	26.001	28.601	1.00	1.00	3.45	38.40	0.000	5.750	157.88	0.00	907.80
26	119.50	MS-H1242 (Heavy Collar	1	25.357	27.893	1.00	1.00	2.50	180.00	0.000	0.000	111.57	0.00	0.00
27	119.50	Antel	6	25.357	27.893	0.55	0.75	17.98	86.40	0.000	0.000	802.50	0.00	0.00
28	119.50	MT6407-77A	3	25.379	27.917	0.52	0.75	7.39	285.84	0.000	0.500	329.94	0.00	164.97
29	119.50	B2/B66A RRH-BR049	3	25.379	27.917	0.50	0.75	2.82	303.84	0.000	0.500	125.92	0.00	62.96
30	119.50	B5/B13 RRH-BR04C	3	25.379	27.917	0.50	0.75	2.82	253.08	0.000	0.500	125.92	0.00	62.96
31	119.50	MS-KI22-5 (Kickers w/o	1	25.357	27.893	1.00	1.00	8.00	349.20	0.000	0.000	357.03	0.00	0.00
32	119.50	HRK12 (Handrail Kit)	1	25.379	27.917	1.00	1.00	8.20	604.80	0.000	0.500	366.27	0.00	183.14
33	119.50	Low Profile Platform	1	25.357	27.893	1.00	1.00	22.00	1800.00	0.000	0.000	981.82	0.00	0.00
34	119.50	Andrew	1	25.379	27.917	1.00	1.00	3.79	38.40	0.000	0.500	169.29	0.00	84.64
35	119.50	Andrew SBNHH-1D65B	6	25.357	27.893	0.62	0.75	30.48	288.00	0.000	0.000	1360.16	0.00	0.00
36	93.00	Single Arm Mount	2	24.065	26.472	1.00	1.00	3.60	144.00	0.000	0.000	152.48	0.00	0.00
37	93.00	RFS 1142	2	24.406	26.847	1.00	1.00	7.80	24.00	0.000	6.500	335.05	0.00	2177.83
38	92.00	Single Arm Mount	1	24.011	26.412	1.00	1.00	1.80	72.00	0.000	0.000	76.07	0.00	0.00
39	92.00	Sinclair SD210-SF3P2LDF	1	24.432	26.875	1.00	1.00	4.80	22.20	0.000	8.000	206.40	0.00	1651.20
							Totals:		**10,599.96**			**14,123.56**		

Total Applied Force Summary

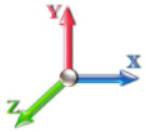
Structure:	CT13061-A-SBA		**Code:**	EIA/TIA-222-G	7/26/2021
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 11

Tower Engineering Solutions

Load Case: 1.2D + 1.6W 89 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		438.13	1233.37	0.00	0.00
10.00		428.02	1387.88	0.00	0.00
15.00		423.06	1362.02	0.00	0.00
20.00		437.14	1336.17	0.00	0.00
25.00		445.90	1310.32	0.00	0.00
30.00		450.94	1284.46	0.00	0.00
35.00		453.21	1258.61	0.00	0.00
40.00		453.31	1232.76	0.00	0.00
45.00		451.63	1206.91	0.00	0.00
47.75		245.93	652.78	0.00	0.00
50.00		203.08	926.97	0.00	0.00
53.25		292.44	1320.48	0.00	0.00
55.00		156.19	405.81	0.00	0.00
60.00		445.19	1142.00	0.00	0.00
65.00		438.83	1116.15	0.00	0.00
70.00		431.62	1090.30	0.00	0.00
75.00		423.62	1064.45	0.00	0.00
80.00		414.93	1038.59	0.00	0.00
85.00		405.60	1012.74	0.00	0.00
90.00		395.69	986.89	0.00	0.00
92.00	(2) attachments	437.31	481.72	0.00	1651.20
93.00	(4) attachments	564.23	359.58	0.00	2177.83
95.00		152.30	377.57	0.00	0.00
97.25		169.31	419.82	0.00	0.00
100.00		207.23	787.67	0.00	0.00
101.25		92.93	353.38	0.00	0.00
105.00		275.19	588.56	0.00	0.00
110.00		357.02	766.65	0.00	0.00
115.00		344.80	745.97	0.00	0.00
119.50	(26) attachments	5029.84	4843.25	0.00	558.67
120.00		32.51	71.60	0.00	0.00
125.00		319.22	629.01	0.00	0.00
129.00	(2) attachments	485.10	598.71	0.00	907.80
130.00		59.90	100.32	0.00	0.00
135.00		292.25	492.28	0.00	0.00
140.00		278.28	476.77	0.00	0.00
141.00	(21) attachments	2842.25	2593.57	0.00	0.00
142.00	(27) attachments	2058.83	1295.66	0.00	3131.76
145.00		156.45	216.65	0.00	0.00
149.00	(19) attachments	3790.19	2595.69	0.00	309.21
	Totals:	**25,779.62**	**41,164.08**	**0.00**	**8,736.47**

Linear Appurtenance Segment Forces (Factored)

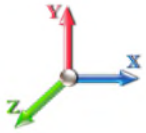
Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 12	

Tower Engineering Solutions

Load Case: 1.2D + 1.6W 89 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	7/8" Coax	Yes	1.00	0.000	1.11	0.09	0.00	0.017	0.000	24.172	0.00	0.00
97.25	7/8" Coax	Yes	2.25	0.000	1.11	0.21	0.00	0.034	0.000	24.290	0.00	0.00
100.00	7/8" Coax	Yes	2.75	0.000	1.11	0.25	0.00	0.035	0.000	24.432	0.00	0.00
101.25	7/8" Coax	Yes	1.25	0.000	1.11	0.12	0.00	0.035	0.000	24.495	0.00	0.00
105.00	7/8" Coax	Yes	3.75	0.000	1.11	0.35	0.00	0.036	0.000	24.682	0.00	0.00
110.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.037	0.000	24.922	0.00	0.00
115.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.039	0.000	25.155	0.00	0.00
119.50	7/8" Coax	Yes	4.50	0.000	1.11	0.42	0.00	0.040	0.000	25.357	0.00	0.00
120.00	7/8" Coax	Yes	0.50	0.000	1.11	0.05	0.00	0.041	0.000	25.379	0.00	0.00
125.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.042	0.000	25.596	0.00	0.00
129.00	7/8" Coax	Yes	4.00	0.000	1.11	0.37	0.00	0.044	0.000	25.765	0.00	0.00
130.00	7/8" Coax	Yes	1.00	0.000	1.11	0.09	0.00	0.046	0.000	25.807	0.00	0.00
135.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.047	0.000	26.011	0.00	0.00
140.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.050	0.000	26.210	0.00	0.00
141.00	7/8" Coax	Yes	1.00	0.000	1.11	0.09	0.00	0.052	0.000	26.249	0.00	0.00
142.00	7/8" Coax	Yes	1.00	0.000	1.11	0.09	0.00	0.052	0.000	26.287	0.00	0.00
145.00	7/8" Coax	Yes	3.00	0.000	1.11	0.28	0.00	0.054	0.000	26.403	0.00	0.00
149.00	7/8" Coax	Yes	4.00	0.000	1.11	0.37	0.00	0.056	0.000	26.553	0.00	0.00
										Totals:	**0.0**	**0.0**

Calculated Forces

Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 13	

Tower Engineering Solutions

Load Case: 1.2D + 1.6W 89 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	-41.12	-25.85	0.00	-2838.9	0.00	2838.97	3273.57	1636.79	7496.53	3753.83	0.00	0.000	0.000	0.769
5.00	-39.81	-25.54	0.00	-2709.7	0.00	2709.74	3239.51	1619.75	7247.24	3629.01	0.10	-0.183	0.000	0.759
10.00	-38.34	-25.23	0.00	-2582.0	0.00	2582.07	3203.51	1601.76	6997.34	3503.87	0.39	-0.370	0.000	0.749
15.00	-36.90	-24.92	0.00	-2455.9	0.00	2455.94	3165.58	1582.79	6747.13	3378.58	0.88	-0.562	0.000	0.739
20.00	-35.48	-24.59	0.00	-2331.3	0.00	2331.35	3125.72	1562.86	6496.92	3253.29	1.58	-0.758	0.000	0.728
25.00	-34.09	-24.24	0.00	-2208.4	0.00	2208.41	3083.93	1541.97	6247.01	3128.15	2.48	-0.958	0.000	0.717
30.00	-32.73	-23.89	0.00	-2087.2	0.00	2087.20	3040.21	1520.10	5997.71	3003.31	3.59	-1.162	0.000	0.706
35.00	-31.39	-23.52	0.00	-1967.7	0.00	1967.77	2994.56	1497.28	5749.33	2878.94	4.92	-1.371	0.000	0.694
40.00	-30.09	-23.15	0.00	-1850.1	0.00	1850.17	2946.97	1473.49	5502.17	2755.17	6.47	-1.584	0.000	0.682
45.00	-28.83	-22.75	0.00	-1734.4	0.00	1734.42	2897.46	1448.73	5256.53	2632.17	8.25	-1.802	0.000	0.669
47.75	-28.14	-22.54	0.00	-1671.8	0.00	1671.86	2869.40	1434.70	5122.20	2564.91	9.32	-1.925	0.000	0.662
50.00	-27.17	-22.36	0.00	-1621.1	0.00	1621.16	2846.01	1423.00	5012.74	2510.09	10.25	-2.028	0.000	0.656
53.25	-25.82	-22.07	0.00	-1548.4	0.00	1548.48	2837.57	1418.79	4973.81	2490.60	11.69	-2.177	0.000	0.631
55.00	-25.36	-21.97	0.00	-1509.8	0.00	1509.86	2819.00	1409.50	4889.10	2448.18	12.50	-2.259	0.000	0.626
60.00	-24.15	-21.57	0.00	-1400.0	0.00	1400.02	2764.64	1382.32	4648.65	2327.78	14.98	-2.479	0.000	0.610
65.00	-22.97	-21.17	0.00	-1292.1	0.00	1292.17	2708.35	1354.17	4410.81	2208.68	17.70	-2.702	0.000	0.594
70.00	-21.82	-20.77	0.00	-1186.3	0.00	1186.32	2650.12	1325.06	4175.87	2091.04	20.65	-2.928	0.000	0.576
75.00	-20.70	-20.38	0.00	-1082.4	0.00	1082.45	2589.96	1294.98	3944.16	1975.01	23.84	-3.156	0.000	0.556
80.00	-19.61	-19.98	0.00	-980.57	0.00	980.57	2527.88	1263.94	3715.96	1860.74	27.26	-3.386	0.000	0.535
85.00	-18.54	-19.59	0.00	-880.66	0.00	880.66	2463.86	1231.93	3491.60	1748.39	30.93	-3.616	0.000	0.511
90.00	-17.53	-19.18	0.00	-782.72	0.00	782.72	2397.91	1198.95	3271.37	1638.12	34.84	-3.845	0.000	0.485
92.00	-17.06	-18.73	0.00	-742.71	0.00	742.71	2370.99	1185.49	3184.51	1594.62	36.47	-3.939	0.000	0.473
93.00	-16.72	-18.16	0.00	-721.80	0.00	721.80	2357.41	1178.70	3141.35	1573.01	37.30	-3.987	0.000	0.466
95.00	-16.32	-18.01	0.00	-685.47	0.00	685.47	2330.03	1165.01	3055.58	1530.06	38.99	-4.080	0.000	0.455
97.25	-15.88	-17.85	0.00	-644.94	0.00	644.94	2298.85	1149.42	2960.01	1482.20	40.94	-4.184	0.000	0.442
100.00	-15.08	-17.61	0.00	-595.86	0.00	595.86	2260.21	1130.11	2844.54	1424.39	43.38	-4.309	0.000	0.425
101.25	-14.70	-17.52	0.00	-573.85	0.00	573.85	1705.50	852.75	2167.94	1085.58	44.52	-4.367	0.000	0.538
105.00	-14.07	-17.25	0.00	-508.17	0.00	508.17	1669.73	834.87	2056.27	1029.66	48.01	-4.531	0.000	0.502
110.00	-13.27	-16.88	0.00	-421.94	0.00	421.94	1620.35	810.17	1909.79	956.31	52.88	-4.776	0.000	0.450
115.00	-12.49	-16.52	0.00	-337.53	0.00	337.53	1569.04	784.52	1766.36	884.49	58.01	-5.003	0.000	0.390
119.50	-8.10	-11.09	0.00	-262.62	0.00	262.62	1521.21	760.60	1640.13	821.29	62.81	-5.189	0.000	0.325
120.00	-8.01	-11.07	0.00	-257.08	0.00	257.08	1515.79	757.90	1626.29	814.35	63.35	-5.209	0.000	0.321
125.00	-7.38	-10.71	0.00	-201.73	0.00	201.73	1460.62	730.31	1489.87	746.04	68.90	-5.391	0.000	0.276
129.00	-6.82	-10.18	0.00	-157.96	0.00	157.96	1406.38	703.19	1375.06	688.55	73.47	-5.524	0.000	0.234
129.00	-6.82	-10.18	0.00	-157.96	0.00	157.96	978.70	489.35	961.93	481.68	73.47	-5.524	0.000	0.335
130.00	-6.71	-10.13	0.00	-147.78	0.00	147.78	971.83	485.92	944.91	473.15	74.63	-5.556	0.000	0.320
135.00	-6.22	-9.80	0.00	-97.14	0.00	97.14	936.33	468.17	860.89	431.08	80.54	-5.731	0.000	0.232
140.00	-5.76	-9.49	0.00	-48.12	0.00	48.12	898.90	449.45	778.95	390.05	86.61	-5.854	0.000	0.130
141.00	-3.47	-6.39	0.00	-38.63	0.00	38.63	891.19	445.59	762.84	381.99	87.83	-5.871	0.000	0.105
142.00	-2.39	-4.21	0.00	-29.11	0.00	29.11	883.39	441.70	746.83	373.97	89.06	-5.886	0.000	0.081
145.00	-2.19	-4.04	0.00	-16.46	0.00	16.46	859.54	429.77	699.40	350.22	92.76	-5.915	0.000	0.050
149.00	0.00	-3.79	0.00	-0.31	0.00	0.31	826.66	413.33	637.68	319.32	97.72	-5.932	0.000	0.001

Wind Loading - Shaft

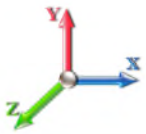
Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 14	

Tower Engineering Solutions

Load Case: 0.9D + 1.6W 89 mph Wind

Dead Load Factor 0.90

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	16.374	18.01	388.27	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	16.374	18.01	379.41	0.650	0.000	5.00	23.389	15.20	438.1	0.0	834.8
10.00		1.00	0.85	16.374	18.01	370.54	0.650	0.000	5.00	22.849	14.85	428.0	0.0	815.5
15.00		1.00	0.86	16.576	18.23	363.90	0.650	0.000	5.00	22.309	14.50	423.1	0.0	796.1
20.00		1.00	0.91	17.553	19.31	365.29	0.650	0.000	5.00	21.769	14.15	437.1	0.0	776.7
25.00		1.00	0.95	18.360	20.20	364.21	0.650	0.000	5.00	21.229	13.80	445.9	0.0	757.3
30.00		1.00	0.99	19.053	20.96	361.46	0.650	0.000	5.00	20.689	13.45	450.9	0.0	737.9
35.00		1.00	1.02	19.662	21.63	357.48	0.650	0.000	5.00	20.148	13.10	453.2	0.0	718.5
40.00		1.00	1.05	20.208	22.23	352.56	0.650	0.000	5.00	19.608	12.75	453.3	0.0	699.1
45.00		1.00	1.07	20.704	22.77	346.88	0.650	0.000	5.00	19.068	12.39	451.6	0.0	679.7
47.75	Bot - Section 2	1.00	1.09	20.958	23.05	343.50	0.650	0.000	2.75	10.257	6.67	245.9	0.0	365.6
50.00		1.00	1.10	21.158	23.27	340.60	0.650	0.000	2.25	8.390	5.45	203.1	0.0	593.8
53.25	Top - Section 1	1.00	1.11	21.435	23.58	336.23	0.650	0.000	3.25	11.925	7.75	292.4	0.0	843.8
55.00		1.00	1.12	21.579	23.74	338.77	0.650	0.000	1.75	6.327	4.11	156.2	0.0	225.4
60.00		1.00	1.14	21.971	24.17	331.57	0.650	0.000	5.00	17.712	11.51	445.2	0.0	631.1
65.00		1.00	1.16	22.339	24.57	323.97	0.650	0.000	5.00	17.172	11.16	438.8	0.0	611.7
70.00		1.00	1.18	22.685	24.95	316.04	0.650	0.000	5.00	16.632	10.81	431.6	0.0	592.3
75.00		1.00	1.19	23.012	25.31	307.80	0.650	0.000	5.00	16.092	10.46	423.6	0.0	572.9
80.00		1.00	1.21	23.323	25.66	299.30	0.650	0.000	5.00	15.551	10.11	414.9	0.0	553.5
85.00		1.00	1.23	23.619	25.98	290.54	0.650	0.000	5.00	15.011	9.76	405.6	0.0	534.1
90.00		1.00	1.24	23.901	26.29	281.57	0.650	0.000	5.00	14.471	9.41	395.7	0.0	514.7
92.00	Appurtenance(s)	1.00	1.25	24.011	26.41	277.92	0.650	0.000	2.00	5.637	3.66	154.8	0.0	200.5
93.00	Appurtenance(s)	1.00	1.25	24.065	26.47	276.08	0.650	0.000	1.00	2.786	1.81	76.7	0.0	99.1
95.00		1.00	1.25	24.172	26.59	272.39	0.650	0.000	2.00	5.508	3.58	152.3	0.0	195.8
97.25	Bot - Section 3	1.00	1.26	24.290	26.72	268.19	0.650	0.000	2.25	6.093	3.96	169.3	0.0	216.6
100.00		1.00	1.27	24.432	26.88	263.02	0.650	0.000	2.75	7.414	4.82	207.2	0.0	470.6
101.25	Top - Section 2	1.00	1.27	24.495	26.94	260.65	0.650	0.000	1.25	3.316	2.16	92.9	0.0	210.4
105.00		1.00	1.28	24.682	27.15	257.74	0.650	0.000	3.75	9.746	6.33	275.2	0.0	277.6
110.00		1.00	1.29	24.922	27.41	248.06	0.650	0.000	5.00	12.522	8.14	357.0	0.0	356.6
115.00		1.00	1.31	25.155	27.67	238.22	0.650	0.000	5.00	11.982	7.79	344.8	0.0	341.0
119.50	Appurtenance(s)	1.00	1.32	25.357	27.89	229.25	0.650	0.000	4.50	10.322	6.71	299.4	0.0	293.7
120.00		1.00	1.32	25.379	27.92	228.25	0.650	0.000	0.50	1.120	0.73	32.5	0.0	31.9
125.00		1.00	1.33	25.596	28.16	218.14	0.650	0.000	5.00	10.902	7.09	319.2	0.0	310.0
129.00	Top - Section 3	1.00	1.34	25.765	28.34	209.96	0.650	0.000	4.00	8.332	5.42	245.6	0.0	236.9
130.00		1.00	1.34	25.807	28.39	207.91	0.650	0.000	1.00	2.029	1.32	59.9	0.0	43.4
135.00		1.00	1.35	26.011	28.61	197.55	0.650	0.000	5.00	9.821	6.38	292.3	0.0	209.8
140.00		1.00	1.36	26.210	28.83	187.09	0.650	0.000	5.00	9.281	6.03	278.3	0.0	198.2
141.00	Appurtenance(s)	1.00	1.36	26.249	28.87	184.99	0.650	0.000	1.00	1.791	1.16	53.8	0.0	38.2
142.00	Appurtenance(s)	1.00	1.36	26.287	28.92	182.88	0.650	0.000	1.00	1.770	1.15	53.2	0.0	37.8
145.00		1.00	1.37	26.403	29.04	176.52	0.650	0.000	3.00	5.180	3.37	156.5	0.0	110.5
149.00	Appurtenance(s)	1.00	1.38	26.553	29.21	168.00	0.650	0.000	4.00	6.604	4.29	200.6	0.0	140.9
								Totals:	**149.00**			**11,656.1**		**16,873.8**

Discrete Appurtenance Forces

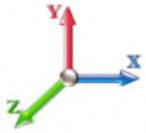
Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 15	

Tower Engineering Solutions

Load Case: 0.9D + 1.6W 89 mph Wind

Dead Load Factor 0.90

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	149.00	Low Profile Platform	1	26.553	29.209	1.00	1.00	22.00	1350.00	0.000	0.000	1028.14	0.00	0.00
2	149.00	Kathrein 782 11056	3	26.553	29.209	0.60	0.90	0.27	7.02	0.000	0.000	12.68	0.00	0.00
3	149.00	Ericsson KRY 112 489/2	3	26.553	29.209	0.60	0.90	1.01	29.70	0.000	0.000	47.34	0.00	0.00
4	149.00	RFS	3	26.553	29.209	0.79	1.00	12.25	71.55	0.000	0.000	572.62	0.00	0.00
5	149.00	RFS APXV18-209014	3	26.553	29.209	0.79	1.00	8.32	50.49	0.000	0.000	388.76	0.00	0.00
6	149.00	Commscope	3	26.553	29.209	0.84	1.00	28.85	134.46	0.000	0.000	1348.46	0.00	0.00
7	149.00	RFS BA1010	1	26.640	29.304	1.00	1.00	1.24	7.92	0.000	2.350	58.14	0.00	136.63
8	149.00	Lightning Rod	1	26.683	29.351	1.00	1.00	1.05	31.50	0.000	3.500	49.31	0.00	172.58
9	149.00	Standoff Mount	1	26.553	29.209	1.00	1.00	1.80	54.00	0.000	0.000	84.12	0.00	0.00
10	142.00	Cci HPA-65R-BUU-H6	3	26.364	29.001	0.68	0.80	19.71	136.89	0.000	2.000	914.41	0.00	1828.81
11	142.00	Powerwave LGP-21401	9	26.364	29.001	0.80	0.80	7.56	114.21	0.000	2.000	350.79	0.00	701.59
12	142.00	Ericsson RRUS 32 RRU	3	26.287	28.916	0.56	0.80	2.77	207.90	0.000	0.000	128.25	0.00	0.00
13	142.00	Ericsson 4426 B66 RRU	3	26.287	28.916	0.58	0.80	2.01	130.95	0.000	0.000	93.22	0.00	0.00
14	142.00	Powerwave	3	26.364	29.001	0.72	0.80	1.19	43.20	0.000	2.000	55.12	0.00	110.25
15	142.00	Ericsson RRUS 11 RRU	3	26.287	28.916	0.62	0.80	4.72	148.50	0.000	0.000	218.26	0.00	0.00
16	142.00	Ericsson RRUS 12 RRU	3	26.364	29.001	0.56	0.80	5.29	135.00	0.000	2.000	245.56	0.00	491.11
17	141.00	Powerwave 7770	3	26.249	28.874	0.58	0.80	9.65	94.50	0.000	0.000	445.97	0.00	0.00
18	141.00	Low Profile Platform	1	26.249	28.874	1.00	1.00	22.00	1350.00	0.000	0.000	1016.35	0.00	0.00
19	141.00	Powerwave 1001983	3	26.249	28.874	0.80	0.80	0.26	7.83	0.000	0.000	12.20	0.00	0.00
20	141.00	Raycap DC6-48-60-18-8F	2	26.249	28.874	0.80	0.80	3.52	59.04	0.000	0.000	162.62	0.00	0.00
21	141.00	Kaelus DBCT108F1V92-1	6	26.249	28.874	0.56	0.80	2.39	90.18	0.000	0.000	110.21	0.00	0.00
22	141.00	Kathrein 80010798	3	26.249	28.874	0.62	0.80	20.01	233.01	0.000	0.000	924.49	0.00	0.00
23	141.00	Ericsson RRUS-A2 RRU	3	26.249	28.874	0.54	0.80	2.52	40.50	0.000	0.000	116.63	0.00	0.00
24	129.00	Standoff Mount	1	25.765	28.342	1.00	1.00	1.80	54.00	0.000	0.000	81.62	0.00	0.00
25	129.00	RFS BA40-01	1	26.001	28.601	1.00	1.00	3.45	28.80	0.000	5.750	157.88	0.00	907.80
26	119.50	MS-H1242 (Heavy Collar	1	25.357	27.893	1.00	1.00	2.50	135.00	0.000	0.000	111.57	0.00	0.00
27	119.50	Antel	6	25.357	27.893	0.55	0.75	17.98	64.80	0.000	0.000	802.50	0.00	0.00
28	119.50	MT6407-77A	3	25.379	27.917	0.52	0.75	7.39	214.38	0.000	0.500	329.94	0.00	164.97
29	119.50	B2/B66A RRH-BR049	3	25.379	27.917	0.50	0.75	2.82	227.88	0.000	0.500	125.92	0.00	62.96
30	119.50	B5/B13 RRH-BR04C	3	25.379	27.917	0.50	0.75	2.82	189.81	0.000	0.500	125.92	0.00	62.96
31	119.50	MS-KI22-5 (Kickers w/o	1	25.357	27.893	1.00	1.00	8.00	261.90	0.000	0.000	357.03	0.00	0.00
32	119.50	HRK12 (Handrail Kit)	1	25.379	27.917	1.00	1.00	8.20	453.60	0.000	0.500	366.27	0.00	183.14
33	119.50	Low Profile Platform	1	25.357	27.893	1.00	1.00	22.00	1350.00	0.000	0.000	981.82	0.00	0.00
34	119.50	Andrew	1	25.379	27.917	1.00	1.00	3.79	28.80	0.000	0.500	169.29	0.00	84.64
35	119.50	Andrew SBNHH-1D65B	6	25.357	27.893	0.62	0.75	30.48	216.00	0.000	0.000	1360.16	0.00	0.00
36	93.00	Single Arm Mount	2	24.065	26.472	1.00	1.00	3.60	108.00	0.000	0.000	152.48	0.00	0.00
37	93.00	RFS 1142	2	24.406	26.847	1.00	1.00	7.80	18.00	0.000	6.500	335.05	0.00	2177.83
38	92.00	Single Arm Mount	1	24.011	26.412	1.00	1.00	1.80	54.00	0.000	0.000	76.07	0.00	0.00
39	92.00	Sinclair SD210-SF3P2LDF	1	24.432	26.875	1.00	1.00	4.80	16.65	0.000	8.000	206.40	0.00	1651.20
							Totals:		**7,949.97**			**14,123.56**		

Total Applied Force Summary

Structure:	CT13061-A-SBA		**Code:**	EIA/TIA-222-G	7/26/2021
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 16

Tower Engineering Solutions

Load Case: 0.9D + 1.6W 89 mph Wind

Dead Load Factor 0.90

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		438.13	925.03	0.00	0.00
10.00		428.02	1040.91	0.00	0.00
15.00		423.06	1021.52	0.00	0.00
20.00		437.14	1002.13	0.00	0.00
25.00		445.90	982.74	0.00	0.00
30.00		450.94	963.35	0.00	0.00
35.00		453.21	943.96	0.00	0.00
40.00		453.31	924.57	0.00	0.00
45.00		451.63	905.18	0.00	0.00
47.75		245.93	489.58	0.00	0.00
50.00		203.08	695.23	0.00	0.00
53.25		292.44	990.36	0.00	0.00
55.00		156.19	304.36	0.00	0.00
60.00		445.19	856.50	0.00	0.00
65.00		438.83	837.11	0.00	0.00
70.00		431.62	817.72	0.00	0.00
75.00		423.62	798.33	0.00	0.00
80.00		414.93	778.94	0.00	0.00
85.00		405.60	759.55	0.00	0.00
90.00		395.69	740.17	0.00	0.00
92.00	(2) attachments	437.31	361.29	0.00	1651.20
93.00	(4) attachments	564.23	269.69	0.00	2177.83
95.00		152.30	283.18	0.00	0.00
97.25		169.31	314.86	0.00	0.00
100.00		207.23	590.75	0.00	0.00
101.25		92.93	265.03	0.00	0.00
105.00		275.19	441.42	0.00	0.00
110.00		357.02	574.99	0.00	0.00
115.00		344.80	559.48	0.00	0.00
119.50	(26) attachments	5029.84	3632.44	0.00	558.67
120.00		32.51	53.70	0.00	0.00
125.00		319.22	471.75	0.00	0.00
129.00	(2) attachments	485.10	449.04	0.00	907.80
130.00		59.90	75.24	0.00	0.00
135.00		292.25	369.21	0.00	0.00
140.00		278.28	357.58	0.00	0.00
141.00	(21) attachments	2842.25	1945.18	0.00	0.00
142.00	(27) attachments	2058.83	971.74	0.00	3131.76
145.00		156.45	162.48	0.00	0.00
149.00	(19) attachments	3790.19	1946.77	0.00	309.21
	Totals:	**25,779.62**	**30,873.06**	**0.00**	**8,736.47**

Linear Appurtenance Segment Forces (Factored)

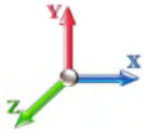
Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 17	

Tower Engineering Solutions

Load Case: 0.9D + 1.6W 89 mph Wind

Dead Load Factor 0.90

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	7/8" Coax	Yes	1.00	0.000	1.11	0.09	0.00	0.017	0.000	24.172	0.00	0.00
97.25	7/8" Coax	Yes	2.25	0.000	1.11	0.21	0.00	0.034	0.000	24.290	0.00	0.00
100.00	7/8" Coax	Yes	2.75	0.000	1.11	0.25	0.00	0.035	0.000	24.432	0.00	0.00
101.25	7/8" Coax	Yes	1.25	0.000	1.11	0.12	0.00	0.035	0.000	24.495	0.00	0.00
105.00	7/8" Coax	Yes	3.75	0.000	1.11	0.35	0.00	0.036	0.000	24.682	0.00	0.00
110.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.037	0.000	24.922	0.00	0.00
115.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.039	0.000	25.155	0.00	0.00
119.50	7/8" Coax	Yes	4.50	0.000	1.11	0.42	0.00	0.040	0.000	25.357	0.00	0.00
120.00	7/8" Coax	Yes	0.50	0.000	1.11	0.05	0.00	0.041	0.000	25.379	0.00	0.00
125.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.042	0.000	25.596	0.00	0.00
129.00	7/8" Coax	Yes	4.00	0.000	1.11	0.37	0.00	0.044	0.000	25.765	0.00	0.00
130.00	7/8" Coax	Yes	1.00	0.000	1.11	0.09	0.00	0.046	0.000	25.807	0.00	0.00
135.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.047	0.000	26.011	0.00	0.00
140.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.050	0.000	26.210	0.00	0.00
141.00	7/8" Coax	Yes	1.00	0.000	1.11	0.09	0.00	0.052	0.000	26.249	0.00	0.00
142.00	7/8" Coax	Yes	1.00	0.000	1.11	0.09	0.00	0.052	0.000	26.287	0.00	0.00
145.00	7/8" Coax	Yes	3.00	0.000	1.11	0.28	0.00	0.054	0.000	26.403	0.00	0.00
149.00	7/8" Coax	Yes	4.00	0.000	1.11	0.37	0.00	0.056	0.000	26.553	0.00	0.00
										Totals:	**0.0**	**0.0**

Calculated Forces

Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 18	

Tower Engineering Solutions

Load Case: 0.9D + 1.6W 89 mph Wind

Dead Load Factor 0.90

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	-30.83	-25.83	0.00	-2804.7	0.00	2804.73	3273.57	1636.79	7496.53	3753.83	0.00	0.000	0.000	0.757
5.00	-29.83	-25.48	0.00	-2675.5	0.00	2675.59	3239.51	1619.75	7247.24	3629.01	0.10	-0.181	0.000	0.747
10.00	-28.70	-25.15	0.00	-2548.1	0.00	2548.17	3203.51	1601.76	6997.34	3503.87	0.39	-0.366	0.000	0.736
15.00	-27.60	-24.81	0.00	-2422.4	0.00	2422.45	3165.58	1582.79	6747.13	3378.58	0.87	-0.555	0.000	0.726
20.00	-26.52	-24.45	0.00	-2298.4	0.00	2298.42	3125.72	1562.86	6496.92	3253.29	1.56	-0.748	0.000	0.715
25.00	-25.46	-24.08	0.00	-2176.1	0.00	2176.18	3083.93	1541.97	6247.01	3128.15	2.45	-0.945	0.000	0.704
30.00	-24.43	-23.70	0.00	-2055.8	0.00	2055.80	3040.21	1520.10	5997.71	3003.31	3.54	-1.146	0.000	0.693
35.00	-23.41	-23.31	0.00	-1937.3	0.00	1937.32	2994.56	1497.28	5749.33	2878.94	4.85	-1.352	0.000	0.681
40.00	-22.41	-22.91	0.00	-1820.7	0.00	1820.79	2946.97	1473.49	5502.17	2755.17	6.38	-1.562	0.000	0.669
45.00	-21.45	-22.50	0.00	-1706.2	0.00	1706.23	2897.46	1448.73	5256.53	2632.17	8.13	-1.776	0.000	0.656
47.75	-20.93	-22.28	0.00	-1644.3	0.00	1644.36	2869.40	1434.70	5122.20	2564.91	9.19	-1.898	0.000	0.649
50.00	-20.19	-22.09	0.00	-1594.2	0.00	1594.24	2846.01	1423.00	5012.74	2510.09	10.11	-1.999	0.000	0.642
53.25	-19.17	-21.80	0.00	-1522.4	0.00	1522.44	2837.57	1418.79	4973.81	2490.60	11.52	-2.145	0.000	0.618
55.00	-18.82	-21.69	0.00	-1484.2	0.00	1484.28	2819.00	1409.50	4889.10	2448.18	12.32	-2.225	0.000	0.613
60.00	-17.90	-21.27	0.00	-1375.8	0.00	1375.86	2764.64	1382.32	4648.65	2327.78	14.77	-2.442	0.000	0.598
65.00	-17.00	-20.86	0.00	-1269.4	0.00	1269.49	2708.35	1354.17	4410.81	2208.68	17.45	-2.661	0.000	0.581
70.00	-16.12	-20.46	0.00	-1165.1	0.00	1165.17	2650.12	1325.06	4175.87	2091.04	20.35	-2.883	0.000	0.564
75.00	-15.27	-20.05	0.00	-1062.8	0.00	1062.89	2589.96	1294.98	3944.16	1975.01	23.49	-3.107	0.000	0.544
80.00	-14.44	-19.65	0.00	-962.64	0.00	962.64	2527.88	1263.94	3715.96	1860.74	26.86	-3.332	0.000	0.523
85.00	-13.63	-19.25	0.00	-864.39	0.00	864.39	2463.86	1231.93	3491.60	1748.39	30.47	-3.558	0.000	0.500
90.00	-12.87	-18.85	0.00	-768.12	0.00	768.12	2397.91	1198.95	3271.37	1638.12	34.32	-3.783	0.000	0.475
92.00	-12.51	-18.40	0.00	-728.78	0.00	728.78	2370.99	1185.49	3184.51	1594.62	35.92	-3.876	0.000	0.463
93.00	-12.26	-17.83	0.00	-708.20	0.00	708.20	2357.41	1178.70	3141.35	1573.01	36.74	-3.922	0.000	0.456
95.00	-11.96	-17.68	0.00	-672.53	0.00	672.53	2330.03	1165.01	3055.58	1530.06	38.40	-4.014	0.000	0.445
97.25	-11.62	-17.52	0.00	-632.74	0.00	632.74	2298.85	1149.42	2960.01	1482.20	40.32	-4.116	0.000	0.432
100.00	-11.02	-17.28	0.00	-584.58	0.00	584.58	2260.21	1130.11	2844.54	1424.39	42.72	-4.239	0.000	0.416
101.25	-10.73	-17.19	0.00	-562.98	0.00	562.98	1705.50	852.75	2167.94	1085.58	43.84	-4.295	0.000	0.525
105.00	-10.25	-16.92	0.00	-498.51	0.00	498.51	1669.73	834.87	2056.27	1029.66	47.28	-4.456	0.000	0.491
110.00	-9.64	-16.56	0.00	-413.92	0.00	413.92	1620.35	810.17	1909.79	956.31	52.07	-4.696	0.000	0.439
115.00	-9.05	-16.20	0.00	-331.13	0.00	331.13	1569.04	784.52	1766.36	884.49	57.11	-4.920	0.000	0.381
119.50	-5.86	-10.88	0.00	-257.68	0.00	257.68	1521.21	760.60	1640.13	821.29	61.83	-5.102	0.000	0.318
120.00	-5.79	-10.85	0.00	-252.24	0.00	252.24	1515.79	757.90	1626.29	814.35	62.36	-5.122	0.000	0.314
125.00	-5.32	-10.51	0.00	-197.98	0.00	197.98	1460.62	730.31	1489.87	746.04	67.82	-5.300	0.000	0.269
129.00	-4.90	-9.99	0.00	-155.04	0.00	155.04	1406.38	703.19	1375.06	688.55	72.31	-5.431	0.000	0.229
129.00	-4.90	-9.99	0.00	-155.04	0.00	155.04	978.70	489.35	961.93	481.68	72.31	-5.431	0.000	0.327
130.00	-4.81	-9.93	0.00	-145.06	0.00	145.06	971.83	485.92	944.91	473.15	73.45	-5.462	0.000	0.312
135.00	-4.45	-9.62	0.00	-95.40	0.00	95.40	936.33	468.17	860.89	431.08	79.26	-5.634	0.000	0.226
140.00	-4.11	-9.31	0.00	-47.33	0.00	47.33	898.90	449.45	778.95	390.05	85.22	-5.754	0.000	0.126
141.00	-2.46	-6.29	0.00	-38.02	0.00	38.02	891.19	445.59	762.84	381.99	86.43	-5.771	0.000	0.102
142.00	-1.70	-4.14	0.00	-28.60	0.00	28.60	883.39	441.70	746.83	373.97	87.64	-5.786	0.000	0.078
145.00	-1.55	-3.97	0.00	-16.18	0.00	16.18	859.54	429.77	699.40	350.22	91.28	-5.815	0.000	0.048
149.00	0.00	-3.79	0.00	-0.31	0.00	0.31	826.66	413.33	637.68	319.32	96.15	-5.831	0.000	0.001

Wind Loading - Shaft

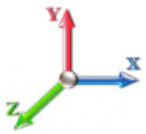
Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 19	

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 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	5.168	5.68	0.00	1.200	1.057	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	1.265	5.00	24.443	29.33	166.7	443.0	1556.1
10.00		1.00	0.85	5.168	5.68	0.00	1.200	1.344	5.00	23.969	28.76	163.5	460.6	1547.9
15.00		1.00	0.86	5.232	5.76	0.00	1.200	1.395	5.00	23.472	28.17	162.1	467.5	1528.9
20.00		1.00	0.91	5.540	6.09	0.00	1.200	1.434	5.00	22.964	27.56	167.9	469.2	1504.8
25.00		1.00	0.95	5.795	6.37	0.00	1.200	1.465	5.00	22.449	26.94	171.7	467.9	1477.6
30.00		1.00	0.99	6.013	6.61	0.00	1.200	1.491	5.00	21.931	26.32	174.1	464.5	1448.4
35.00		1.00	1.02	6.206	6.83	0.00	1.200	1.513	5.00	21.409	25.69	175.4	459.6	1417.6
40.00		1.00	1.05	6.378	7.02	0.00	1.200	1.533	5.00	20.886	25.06	175.8	453.6	1385.7
45.00		1.00	1.07	6.534	7.19	0.00	1.200	1.551	5.00	20.360	24.43	175.6	446.6	1352.9
47.75	Bot - Section 2	1.00	1.09	6.615	7.28	0.00	1.200	1.560	2.75	10.972	13.17	95.8	243.3	730.8
50.00		1.00	1.10	6.678	7.35	0.00	1.200	1.567	2.25	8.977	10.77	79.1	200.2	991.9
53.25	Top - Section 1	1.00	1.11	6.765	7.44	0.00	1.200	1.576	3.25	12.779	15.34	114.1	285.8	1410.8
55.00		1.00	1.12	6.811	7.49	0.00	1.200	1.581	1.75	6.788	8.15	61.0	152.8	453.4
60.00		1.00	1.14	6.934	7.63	0.00	1.200	1.595	5.00	19.041	22.85	174.3	427.8	1269.2
65.00		1.00	1.16	7.050	7.76	0.00	1.200	1.608	5.00	18.512	22.21	172.3	418.4	1234.0
70.00		1.00	1.18	7.160	7.88	0.00	1.200	1.619	5.00	17.981	21.58	169.9	408.6	1198.3
75.00		1.00	1.19	7.263	7.99	0.00	1.200	1.631	5.00	17.450	20.94	167.3	398.5	1162.3
80.00		1.00	1.21	7.361	8.10	0.00	1.200	1.641	5.00	16.919	20.30	164.4	388.0	1126.0
85.00		1.00	1.23	7.454	8.20	0.00	1.200	1.651	5.00	16.387	19.66	161.2	377.2	1089.4
90.00		1.00	1.24	7.544	8.30	0.00	1.200	1.660	5.00	15.855	19.03	157.9	366.2	1052.5
92.00	Appurtenance(s)	1.00	1.25	7.578	8.34	0.00	1.200	1.664	2.00	6.192	7.43	61.9	144.7	412.0
93.00	Appurtenance(s)	1.00	1.25	7.595	8.35	0.00	1.200	1.666	1.00	3.064	3.68	30.7	71.9	204.0
95.00		1.00	1.25	7.629	8.39	0.00	1.200	1.669	2.00	6.064	7.28	61.1	142.0	403.0
97.25	Bot - Section 3	1.00	1.26	7.666	8.43	0.00	1.200	1.673	2.25	6.720	8.06	68.0	157.4	446.1
100.00		1.00	1.27	7.711	8.48	0.00	1.200	1.678	2.75	8.183	9.82	83.3	191.7	819.2
101.25	Top - Section 2	1.00	1.27	7.731	8.50	0.00	1.200	1.680	1.25	3.666	4.40	37.4	86.4	367.0
105.00		1.00	1.28	7.790	8.57	0.00	1.200	1.686	3.75	10.800	12.96	111.0	252.7	622.8
110.00		1.00	1.29	7.866	8.65	0.00	1.200	1.693	5.00	13.933	16.72	144.7	325.0	800.4
115.00		1.00	1.31	7.939	8.73	0.00	1.200	1.701	5.00	13.399	16.08	140.4	312.9	767.6
119.50	Appurtenance(s)	1.00	1.32	8.003	8.80	0.00	1.200	1.707	4.50	11.602	13.92	122.6	271.7	663.3
120.00		1.00	1.32	8.010	8.81	0.00	1.200	1.708	0.50	1.262	1.51	13.3	30.1	72.5
125.00		1.00	1.33	8.079	8.89	0.00	1.200	1.715	5.00	12.331	14.80	131.5	288.2	701.6
129.00	Top - Section 3	1.00	1.34	8.132	8.95	0.00	1.200	1.720	4.00	9.479	11.38	101.8	222.5	538.3
130.00		1.00	1.34	8.145	8.96	0.00	1.200	1.722	1.00	2.316	2.78	24.9	55.1	112.9
135.00		1.00	1.35	8.210	9.03	0.00	1.200	1.728	5.00	11.261	13.51	122.0	262.9	542.7
140.00		1.00	1.36	8.272	9.10	0.00	1.200	1.734	5.00	10.727	12.87	117.1	250.1	514.3
141.00	Appurtenance(s)	1.00	1.36	8.285	9.11	0.00	1.200	1.736	1.00	2.081	2.50	22.8	49.5	100.5
142.00	Appurtenance(s)	1.00	1.36	8.297	9.13	0.00	1.200	1.737	1.00	2.059	2.47	22.6	49.0	99.3
145.00		1.00	1.37	8.333	9.17	0.00	1.200	1.741	3.00	6.050	7.26	66.5	142.2	289.6
149.00	Appurtenance(s)	1.00	1.38	8.381	9.22	0.00	1.200	1.745	4.00	7.767	9.32	85.9	181.3	369.1
								Totals:	**149.00**			**4,619.9**		**33,785.1**

Discrete Appurtenance Forces

Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
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 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	149.00	Low Profile Platform	1	8.381	9.219	1.00	1.00	39.66	2808.91	0.000	0.000	365.63	0.00	0.00
2	149.00	Kathrein 782 11056	3	8.381	9.219	0.60	0.90	0.66	23.26	0.000	0.000	6.09	0.00	0.00
3	149.00	Ericsson KRY 112 489/2	3	8.381	9.219	0.60	0.90	2.19	62.64	0.000	0.000	20.16	0.00	0.00
4	149.00	RFS	3	8.381	9.219	0.79	1.00	17.30	315.60	0.000	0.000	159.48	0.00	0.00
5	149.00	RFS APXV18-209014	3	8.381	9.219	0.79	1.00	10.54	329.20	0.000	0.000	97.16	0.00	0.00
6	149.00	Commscope	3	8.381	9.219	0.84	1.00	37.03	671.28	0.000	0.000	341.39	0.00	0.00
7	149.00	RFS BA1010	1	8.408	9.249	1.00	1.00	2.27	75.44	0.000	2.350	21.03	0.00	49.43
8	149.00	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
9	149.00	Standoff Mount	1	8.381	9.219	1.00	1.00	5.88	189.42	0.000	0.000	54.25	0.00	0.00
10	142.00	Cci HPA-65R-BUU-H6	3	8.321	9.153	0.68	0.80	22.48	922.71	0.000	2.000	205.76	0.00	411.52
11	142.00	Powerwave LGP-21401	9	8.321	9.153	0.80	0.80	12.43	312.32	0.000	2.000	113.81	0.00	227.62
12	142.00	Ericsson RRUS 32 RRU	3	8.297	9.126	0.56	0.80	3.74	421.75	0.000	0.000	34.14	0.00	0.00
13	142.00	Ericsson 4426 B66 RRU	3	8.297	9.126	0.58	0.80	2.84	291.25	0.000	0.000	25.94	0.00	0.00
14	142.00	Powerwave	3	8.321	9.153	0.72	0.80	2.28	100.63	0.000	2.000	20.90	0.00	41.80
15	142.00	Ericsson RRUS 11 RRU	3	8.297	9.126	0.62	0.80	5.90	352.52	0.000	0.000	53.82	0.00	0.00
16	142.00	Ericsson RRUS 12 RRU	3	8.321	9.153	0.56	0.80	7.39	271.28	0.000	2.000	67.65	0.00	135.31
17	141.00	Powerwave 7770	3	8.285	9.113	0.58	0.80	11.49	669.48	0.000	0.000	104.72	0.00	0.00
18	141.00	Low Profile Platform	1	8.285	9.113	1.00	1.00	39.57	2801.76	0.000	0.000	360.55	0.00	0.00
19	141.00	Powerwave 1001983	3	8.285	9.113	0.80	0.80	0.72	12.38	0.000	0.000	6.52	0.00	0.00
20	141.00	Raycap DC6-48-60-18-8F	2	8.285	9.113	0.80	0.80	5.35	246.23	0.000	0.000	48.78	0.00	0.00
21	141.00	Kaelus DBCT108F1V92-1	6	8.285	9.113	0.56	0.80	3.57	205.35	0.000	0.000	32.55	0.00	0.00
22	141.00	Kathrein 80010798	3	8.285	9.113	0.62	0.80	22.71	1034.97	0.000	0.000	206.93	0.00	0.00
23	141.00	Ericsson RRUS-A2 RRU	3	8.285	9.113	0.54	0.80	3.84	81.03	0.000	0.000	34.99	0.00	0.00
24	129.00	Standoff Mount	1	8.132	8.945	1.00	1.00	5.83	187.71	0.000	0.000	52.12	0.00	0.00
25	129.00	RFS BA40-01	1	8.206	9.027	1.00	1.00	10.08	27.27	0.000	5.750	90.98	0.00	523.14
26	119.50	MS-H1242 (Heavy Collar	1	8.003	8.803	1.00	1.00	5.06	317.99	0.000	0.000	44.55	0.00	0.00
27	119.50	Antel	6	8.003	8.803	0.55	0.75	24.04	566.49	0.000	0.000	211.60	0.00	0.00
28	119.50	MT6407-77A	3	8.010	8.811	0.54	0.75	9.10	635.10	0.000	0.500	80.16	0.00	40.08
29	119.50	B2/B66A RRH-BR049	3	8.010	8.811	0.52	0.75	3.83	527.36	0.000	0.500	33.72	0.00	16.86
30	119.50	B5/B13 RRH-BR04C	3	8.010	8.811	0.52	0.75	3.83	455.52	0.000	0.500	33.72	0.00	16.86
31	119.50	MS-KI22-5 (Kickers w/o	1	8.003	8.803	1.00	1.00	16.20	827.69	0.000	0.000	142.58	0.00	0.00
32	119.50	HRK12 (Handrail Kit)	1	8.010	8.811	1.00	1.00	16.04	1693.96	0.000	0.500	141.33	0.00	70.67
33	119.50	Low Profile Platform	1	8.003	8.803	1.00	1.00	39.28	2780.56	0.000	0.000	345.79	0.00	0.00
34	119.50	Andrew	1	8.010	8.811	1.00	1.00	4.72	125.62	0.000	0.500	41.63	0.00	20.81
35	119.50	Andrew SBNHH-1D65B	6	8.003	8.803	0.62	0.75	35.22	1475.45	0.000	0.000	310.06	0.00	0.00
36	93.00	Single Arm Mount	2	7.595	8.355	1.00	1.00	11.40	367.84	0.000	0.000	95.22	0.00	0.00
37	93.00	RFS 1142	2	7.703	8.473	1.00	1.00	24.69	-260.62	0.000	6.500	209.23	0.00	1360.02
38	92.00	Single Arm Mount	1	7.578	8.336	1.00	1.00	5.69	183.80	0.000	0.000	47.47	0.00	0.00
39	92.00	Sinclair SD210-SF3P2LDF	1	7.711	8.482	1.00	1.00	11.54	62.24	0.000	8.000	97.91	0.00	783.31
							Totals:		**22,237.80**			**4,392.04**		

Total Applied Force Summary

Structure:	CT13061-A-SBA		**Code:**	EIA/TIA-222-G	7/26/2021
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
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 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		166.75	1676.38	0.00	0.00
10.00		163.51	1848.48	0.00	0.00
15.00		162.10	1829.49	0.00	0.00
20.00		167.93	1805.39	0.00	0.00
25.00		171.72	1778.23	0.00	0.00
30.00		174.08	1748.99	0.00	0.00
35.00		175.38	1718.24	0.00	0.00
40.00		175.84	1686.33	0.00	0.00
45.00		175.62	1653.49	0.00	0.00
47.75		95.80	896.10	0.00	0.00
50.00		79.13	1127.21	0.00	0.00
53.25		114.12	1606.24	0.00	0.00
55.00		61.03	558.63	0.00	0.00
60.00		174.29	1569.77	0.00	0.00
65.00		172.28	1534.57	0.00	0.00
70.00		169.94	1498.94	0.00	0.00
75.00		167.30	1462.94	0.00	0.00
80.00		164.39	1426.62	0.00	0.00
85.00		161.25	1389.99	0.00	0.00
90.00		157.87	1353.09	0.00	0.00
92.00	(2) attachments	207.32	778.24	0.00	783.31
93.00	(4) attachments	335.17	370.69	0.00	1360.02
95.00		61.07	524.48	0.00	0.00
97.25		68.00	588.38	0.00	0.00
100.00		83.30	993.14	0.00	0.00
101.25		37.41	446.06	0.00	0.00
105.00		111.05	860.11	0.00	0.00
110.00		144.67	1117.00	0.00	0.00
115.00		140.42	1084.41	0.00	0.00
119.50	(26) attachments	1507.71	10354.25	0.00	165.28
120.00		13.35	104.23	0.00	0.00
125.00		131.49	943.11	0.00	0.00
129.00	(2) attachments	244.86	946.65	0.00	523.14
130.00		24.90	160.66	0.00	0.00
135.00		122.04	781.42	0.00	0.00
140.00		117.13	753.21	0.00	0.00
141.00	(21) attachments	817.80	5199.46	0.00	0.00
142.00	(27) attachments	544.58	2800.17	0.00	816.25
145.00		66.55	374.81	0.00	0.00
149.00	(19) attachments	1182.83	5022.94	0.00	160.43
	Totals:	**9,011.95**	**64,372.54**	**0.00**	**3,808.42**

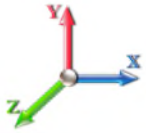
Linear Appurtenance Segment Forces (Factored)

Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 22	

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

Dead Load Factor 1.20

Wind Load Factor 1.00



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	7/8" Coax	Yes	1.00	0.000	1.11	0.37	0.00	0.017	0.000	7.629	0.00	4.95
97.25	7/8" Coax	Yes	2.25	0.000	1.11	0.84	0.00	0.034	0.000	7.666	0.00	11.17
100.00	7/8" Coax	Yes	2.75	0.000	1.11	1.02	0.00	0.035	0.000	7.711	0.00	13.72
101.25	7/8" Coax	Yes	1.25	0.000	1.11	0.47	0.00	0.035	0.000	7.731	0.00	6.25
105.00	7/8" Coax	Yes	3.75	0.000	1.11	1.40	0.00	0.036	0.000	7.790	0.00	18.86
110.00	7/8" Coax	Yes	5.00	0.000	1.11	1.87	0.00	0.037	0.000	7.866	0.00	25.34
115.00	7/8" Coax	Yes	5.00	0.000	1.11	1.88	0.00	0.039	0.000	7.939	0.00	25.53
119.50	7/8" Coax	Yes	4.50	0.000	1.11	1.70	0.00	0.040	0.000	8.003	0.00	23.12
120.00	7/8" Coax	Yes	0.50	0.000	1.11	0.19	0.00	0.041	0.000	8.010	0.00	2.57
125.00	7/8" Coax	Yes	5.00	0.000	1.11	1.89	0.00	0.042	0.000	8.079	0.00	25.89
129.00	7/8" Coax	Yes	4.00	0.000	1.11	1.52	0.00	0.044	0.000	8.132	0.00	20.82
130.00	7/8" Coax	Yes	1.00	0.000	1.11	0.38	0.00	0.046	0.000	8.145	0.00	5.21
135.00	7/8" Coax	Yes	5.00	0.000	1.11	1.90	0.00	0.047	0.000	8.210	0.00	26.22
140.00	7/8" Coax	Yes	5.00	0.000	1.11	1.91	0.00	0.050	0.000	8.272	0.00	26.38
141.00	7/8" Coax	Yes	1.00	0.000	1.11	0.38	0.00	0.052	0.000	8.285	0.00	5.28
142.00	7/8" Coax	Yes	1.00	0.000	1.11	0.38	0.00	0.052	0.000	8.297	0.00	5.29
145.00	7/8" Coax	Yes	3.00	0.000	1.11	1.15	0.00	0.054	0.000	8.333	0.00	15.92
149.00	7/8" Coax	Yes	4.00	0.000	1.11	1.53	0.00	0.056	0.000	8.381	0.00	21.32
										Totals:	**0.0**	**283.8**

Calculated Forces

Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 23	

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 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	-64.37	-9.05	0.00	-991.97	0.00	991.97	3273.57	1636.79	7496.53	3753.83	0.00	0.000	0.000	0.284
5.00	-62.68	-8.95	0.00	-946.73	0.00	946.73	3239.51	1619.75	7247.24	3629.01	0.03	-0.064	0.000	0.280
10.00	-60.82	-8.86	0.00	-901.97	0.00	901.97	3203.51	1601.76	6997.34	3503.87	0.14	-0.129	0.000	0.276
15.00	-58.98	-8.76	0.00	-857.70	0.00	857.70	3165.58	1582.79	6747.13	3378.58	0.31	-0.196	0.000	0.273
20.00	-57.17	-8.65	0.00	-813.91	0.00	813.91	3125.72	1562.86	6496.92	3253.29	0.55	-0.265	0.000	0.269
25.00	-55.38	-8.54	0.00	-770.66	0.00	770.66	3083.93	1541.97	6247.01	3128.15	0.87	-0.334	0.000	0.264
30.00	-53.62	-8.42	0.00	-727.97	0.00	727.97	3040.21	1520.10	5997.71	3003.31	1.25	-0.406	0.000	0.260
35.00	-51.89	-8.30	0.00	-685.87	0.00	685.87	2994.56	1497.28	5749.33	2878.94	1.72	-0.479	0.000	0.256
40.00	-50.20	-8.17	0.00	-644.37	0.00	644.37	2946.97	1473.49	5502.17	2755.17	2.26	-0.553	0.000	0.251
45.00	-48.54	-8.03	0.00	-603.51	0.00	603.51	2897.46	1448.73	5256.53	2632.17	2.88	-0.629	0.000	0.246
47.75	-47.64	-7.96	0.00	-581.43	0.00	581.43	2869.40	1434.70	5122.20	2564.91	3.25	-0.672	0.000	0.243
50.00	-46.51	-7.90	0.00	-563.52	0.00	563.52	2846.01	1423.00	5012.74	2510.09	3.58	-0.707	0.000	0.241
53.25	-44.90	-7.80	0.00	-537.85	0.00	537.85	2837.57	1418.79	4973.81	2490.60	4.08	-0.759	0.000	0.232
55.00	-44.33	-7.77	0.00	-524.20	0.00	524.20	2819.00	1409.50	4889.10	2448.18	4.36	-0.788	0.000	0.230
60.00	-42.75	-7.63	0.00	-485.36	0.00	485.36	2764.64	1382.32	4648.65	2327.78	5.23	-0.864	0.000	0.224
65.00	-41.21	-7.49	0.00	-447.21	0.00	447.21	2708.35	1354.17	4410.81	2208.68	6.18	-0.941	0.000	0.218
70.00	-39.71	-7.35	0.00	-409.77	0.00	409.77	2650.12	1325.06	4175.87	2091.04	7.20	-1.019	0.000	0.211
75.00	-38.24	-7.21	0.00	-373.03	0.00	373.03	2589.96	1294.98	3944.16	1975.01	8.31	-1.098	0.000	0.204
80.00	-36.80	-7.06	0.00	-337.00	0.00	337.00	2527.88	1263.94	3715.96	1860.74	9.51	-1.177	0.000	0.196
85.00	-35.41	-6.92	0.00	-301.68	0.00	301.68	2463.86	1231.93	3491.60	1748.39	10.78	-1.256	0.000	0.187
90.00	-34.05	-6.77	0.00	-267.07	0.00	267.07	2397.91	1198.95	3271.37	1638.12	12.14	-1.334	0.000	0.177
92.00	-33.28	-6.55	0.00	-252.75	0.00	252.75	2370.99	1185.49	3184.51	1594.62	12.70	-1.367	0.000	0.173
93.00	-32.91	-6.22	0.00	-244.84	0.00	244.84	2357.41	1178.70	3141.35	1573.01	12.99	-1.383	0.000	0.170
95.00	-32.39	-6.17	0.00	-232.39	0.00	232.39	2330.03	1165.01	3055.58	1530.06	13.58	-1.414	0.000	0.166
97.25	-31.80	-6.11	0.00	-218.51	0.00	218.51	2298.85	1149.42	2960.01	1482.20	14.25	-1.450	0.000	0.161
100.00	-30.80	-6.02	0.00	-201.71	0.00	201.71	2260.21	1130.11	2844.54	1424.39	15.10	-1.492	0.000	0.155
101.25	-30.35	-5.99	0.00	-194.19	0.00	194.19	1705.50	852.75	2167.94	1085.58	15.49	-1.511	0.000	0.197
105.00	-29.49	-5.89	0.00	-171.74	0.00	171.74	1669.73	834.87	2056.27	1029.66	16.70	-1.567	0.000	0.185
110.00	-28.37	-5.75	0.00	-142.29	0.00	142.29	1620.35	810.17	1909.79	956.31	18.39	-1.649	0.000	0.166
115.00	-27.28	-5.61	0.00	-113.53	0.00	113.53	1569.04	784.52	1766.36	884.49	20.16	-1.726	0.000	0.146
119.50	-16.98	-3.80	0.00	-88.11	0.00	88.11	1521.21	760.60	1640.13	821.29	21.82	-1.789	0.000	0.118
120.00	-16.87	-3.79	0.00	-86.21	0.00	86.21	1515.79	757.90	1626.29	814.35	22.01	-1.795	0.000	0.117
125.00	-15.93	-3.65	0.00	-67.25	0.00	67.25	1460.62	730.31	1489.87	746.04	23.92	-1.856	0.000	0.101
129.00	-14.99	-3.38	0.00	-52.14	0.00	52.14	1406.38	703.19	1375.06	688.55	25.49	-1.901	0.000	0.086
129.00	-14.99	-3.38	0.00	-52.14	0.00	52.14	978.70	489.35	961.93	481.68	25.49	-1.901	0.000	0.124
130.00	-14.83	-3.36	0.00	-48.77	0.00	48.77	971.83	485.92	944.91	473.15	25.89	-1.911	0.000	0.118
135.00	-14.05	-3.22	0.00	-31.99	0.00	31.99	936.33	468.17	860.89	431.08	27.93	-1.969	0.000	0.089
140.00	-13.30	-3.08	0.00	-15.90	0.00	15.90	898.90	449.45	778.95	390.05	30.01	-2.009	0.000	0.056
141.00	-8.13	-2.08	0.00	-12.82	0.00	12.82	891.19	445.59	762.84	381.99	30.43	-2.015	0.000	0.043
142.00	-5.35	-1.44	0.00	-9.92	0.00	9.92	883.39	441.70	746.83	373.97	30.86	-2.020	0.000	0.033
145.00	-4.98	-1.36	0.00	-5.60	0.00	5.60	859.54	429.77	699.40	350.22	32.13	-2.030	0.000	0.022
149.00	0.00	-1.18	0.00	-0.16	0.00	0.16	826.66	413.33	637.68	319.32	33.83	-2.035	0.000	0.001

Seismic Segment Forces (Factored)

Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 24	

Tower Engineering Solutions

Load Case:	1.2D + 1.0E					**Iterations**	23
Gust Response Factor	1.10			**Sds**	0.22	**Ss**	0.21
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.11	**S1**	0.07
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.35	**SA**	0.04	**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	0.01	0.00	0.00	
5.00		927.61	0.00	0.04	0.02	22.86	
10.00		906.06	0.01	0.06	0.03	29.85	
15.00		884.52	0.02	0.06	0.04	32.74	
20.00		862.97	0.04	0.07	0.04	33.76	
25.00		841.43	0.06	0.07	0.04	33.99	
30.00		819.89	0.08	0.07	0.04	33.96	
35.00		798.34	0.11	0.07	0.04	33.87	
40.00		776.80	0.14	0.07	0.03	33.70	
45.00		755.26	0.18	0.07	0.03	33.24	
47.75	Bot - Section 2	406.21	0.20	0.06	0.02	17.89	
50.00		659.75	0.22	0.06	0.02	28.89	
53.25	Top - Section 1	937.57	0.25	0.06	0.02	40.18	
55.00		250.50	0.26	0.05	0.02	10.52	
60.00		701.17	0.31	0.04	0.01	26.38	
65.00		679.63	0.37	0.03	0.01	20.23	
70.00		658.08	0.42	0.01	0.01	11.75	
75.00		636.54	0.49	-0.01	0.01	1.58	
80.00		614.99	0.55	-0.03	0.01	-8.74	
85.00		593.45	0.62	-0.06	0.02	-17.33	
90.00		571.91	0.70	-0.09	0.03	-22.83	
92.00	Appurtenance(s)	301.23	0.73	-0.09	0.04	-12.85	
93.00	Appurtenance(s)	250.07	0.74	-0.10	0.04	-10.92	
95.00		217.56	0.77	-0.11	0.05	-9.78	
97.25	Bot - Section 3	240.63	0.81	-0.11	0.06	-10.89	
100.00		522.91	0.86	-0.12	0.07	-22.99	
101.25	Top - Section 2	233.81	0.88	-0.12	0.08	-10.00	
105.00		308.44	0.94	-0.12	0.11	-11.41	
110.00		396.18	1.03	-0.10	0.15	-9.58	
115.00		378.94	1.13	-0.05	0.21	-2.14	
119.50	Appurtenance(s)	3817.6	1.22	0.02	0.27	60.59	
120.00		35.40	1.23	0.03	0.28	0.66	
125.00		344.47	1.33	0.17	0.37	16.70	
129.00	Top - Section 3	355.17	1.42	0.32	0.45	27.22	
130.00		48.18	1.44	0.37	0.48	4.06	
135.00		233.13	1.55	0.64	0.61	29.37	
140.00		220.21	1.67	1.01	0.77	38.27	
141.00	Appurtenance(s)	2125.8	1.69	1.10	0.81	391.37	
142.00	Appurtenance(s)	1060.4	1.72	1.19	0.84	206.42	
145.00		122.82	1.79	1.50	0.96	27.98	
149.00	Appurtenance(s)	2086.1	1.89	1.98	1.14	575.06	
	Totals:	**27,581.9**				**1,673.6**	**Total Wind:** **25,779.6**

Seismic Base Shear is Less Than 50% of Wind Force - An Analysis is NOT Required

Calculated Forces

Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 25	

Tower Engineering Solutions

Load Case: 1.2D + 1.0E

Gust Response Factor	1.10			**Sds**	0.22			**Iterations**	23
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.11			**Ss**	0.21
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.35	**SA**	0.04	**Seismic Importance Factor**	1.00	**S1**	0.07

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	-41.16	-1.83	0.00	-224.61	0.00	224.61	3273.57	1636.79	7496.53	3753.83		0.00	0.00	0.072
5.00	-39.93	-1.81	0.00	-215.47	0.00	215.47	3239.51	1619.75	7247.24	3629.01		0.01	-0.01	0.072
10.00	-38.54	-1.79	0.00	-206.39	0.00	206.39	3203.51	1601.76	6997.34	3503.87		0.03	-0.03	0.071
15.00	-37.18	-1.77	0.00	-197.42	0.00	197.42	3165.58	1582.79	6747.13	3378.58		0.07	-0.04	0.070
20.00	-35.84	-1.75	0.00	-188.56	0.00	188.56	3125.72	1562.86	6496.92	3253.29		0.13	-0.06	0.069
25.00	-34.53	-1.72	0.00	-179.83	0.00	179.83	3083.93	1541.97	6247.01	3128.15		0.20	-0.08	0.069
30.00	-33.25	-1.69	0.00	-171.23	0.00	171.23	3040.21	1520.10	5997.71	3003.31		0.29	-0.09	0.068
35.00	-31.99	-1.67	0.00	-162.76	0.00	162.76	2994.56	1497.28	5749.33	2878.94		0.39	-0.11	0.067
40.00	-30.75	-1.64	0.00	-154.41	0.00	154.41	2946.97	1473.49	5502.17	2755.17		0.52	-0.13	0.066
45.00	-29.55	-1.61	0.00	-146.21	0.00	146.21	2897.46	1448.73	5256.53	2632.17		0.66	-0.15	0.066
47.75	-28.89	-1.60	0.00	-141.77	0.00	141.77	2869.40	1434.70	5122.20	2564.91		0.75	-0.16	0.065
50.00	-27.97	-1.57	0.00	-138.18	0.00	138.18	2846.01	1423.00	5012.74	2510.09		0.83	-0.17	0.065
53.25	-26.65	-1.53	0.00	-133.07	0.00	133.07	2837.57	1418.79	4973.81	2490.60		0.95	-0.18	0.063
55.00	-26.24	-1.53	0.00	-130.39	0.00	130.39	2819.00	1409.50	4889.10	2448.18		1.01	-0.19	0.063
60.00	-25.10	-1.50	0.00	-122.75	0.00	122.75	2764.64	1382.32	4648.65	2327.78		1.22	-0.20	0.062
65.00	-23.98	-1.49	0.00	-115.23	0.00	115.23	2708.35	1354.17	4410.81	2208.68		1.44	-0.22	0.061
70.00	-22.89	-1.48	0.00	-107.79	0.00	107.79	2650.12	1325.06	4175.87	2091.04		1.69	-0.24	0.060
75.00	-21.83	-1.48	0.00	-100.38	0.00	100.38	2589.96	1294.98	3944.16	1975.01		1.96	-0.27	0.059
80.00	-20.79	-1.49	0.00	-92.97	0.00	92.97	2527.88	1263.94	3715.96	1860.74		2.25	-0.29	0.058
85.00	-19.77	-1.49	0.00	-85.54	0.00	85.54	2463.86	1231.93	3491.60	1748.39		2.56	-0.31	0.057
90.00	-18.79	-1.49	0.00	-78.10	0.00	78.10	2397.91	1198.95	3271.37	1638.12		2.89	-0.33	0.056
92.00	-18.30	-1.49	0.00	-75.13	0.00	75.13	2370.99	1185.49	3184.51	1594.62		3.04	-0.34	0.055
93.00	-17.94	-1.49	0.00	-73.64	0.00	73.64	2357.41	1178.70	3141.35	1573.01		3.11	-0.35	0.054
95.00	-17.57	-1.49	0.00	-70.67	0.00	70.67	2330.03	1165.01	3055.58	1530.06		3.25	-0.36	0.054
97.25	-17.15	-1.49	0.00	-67.32	0.00	67.32	2298.85	1149.42	2960.01	1482.20		3.42	-0.37	0.053
100.00	-16.36	-1.49	0.00	-63.23	0.00	63.23	2260.21	1130.11	2844.54	1424.39		3.64	-0.38	0.052
101.25	-16.00	-1.49	0.00	-61.37	0.00	61.37	1705.50	852.75	2167.94	1085.58		3.74	-0.39	0.066
105.00	-15.42	-1.49	0.00	-55.79	0.00	55.79	1669.73	834.87	2056.27	1029.66		4.05	-0.40	0.063
110.00	-14.65	-1.49	0.00	-48.34	0.00	48.34	1620.35	810.17	1909.79	956.31		4.49	-0.43	0.060
115.00	-13.90	-1.49	0.00	-40.89	0.00	40.89	1569.04	784.52	1766.36	884.49		4.95	-0.46	0.055
119.50	-9.06	-1.39	0.00	-34.17	0.00	34.17	1521.21	760.60	1640.13	821.29		5.40	-0.48	0.048
120.00	-8.99	-1.39	0.00	-33.48	0.00	33.48	1515.79	757.90	1626.29	814.35		5.45	-0.48	0.047
125.00	-8.36	-1.37	0.00	-26.51	0.00	26.51	1460.62	730.31	1489.87	746.04		5.97	-0.51	0.041
129.00	-7.76	-1.34	0.00	-21.01	0.00	21.01	1406.38	703.19	1375.06	688.55		6.40	-0.52	0.036
129.00	-7.76	-1.34	0.00	-21.01	0.00	21.01	978.70	489.35	961.93	481.68		6.40	-0.52	0.052
130.00	-7.66	-1.34	0.00	-19.67	0.00	19.67	971.83	485.92	944.91	473.15		6.51	-0.53	0.049
135.00	-7.17	-1.31	0.00	-12.96	0.00	12.96	936.33	468.17	860.89	431.08		7.08	-0.55	0.038
140.00	-6.69	-1.27	0.00	-6.42	0.00	6.42	898.90	449.45	778.95	390.05		7.67	-0.57	0.024
141.00	-4.10	-0.85	0.00	-5.15	0.00	5.15	891.19	445.59	762.84	381.99		7.79	-0.57	0.018
142.00	-2.81	-0.63	0.00	-4.30	0.00	4.30	883.39	441.70	746.83	373.97		7.91	-0.57	0.015
145.00	-2.59	-0.60	0.00	-2.40	0.00	2.40	859.54	429.77	699.40	350.22		8.27	-0.58	0.010
149.00	0.00	-0.58	0.00	0.00	0.00	0.00	826.66	413.33	637.68	319.32		8.75	-0.58	0.000

Seismic Segment Forces (Factored)

Structure:	CT13061-A-SBA		**Code:**	EIA/TIA-222-G	7/26/2021
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 26

Tower Engineering Solutions

Load Case:	0.9D + 1.0E							**Iterations**	23
Gust Response Factor	1.10				**Sds**	0.22		**Ss**	0.21
Dead Load Factor	0.90	**Seismic Load Factor**		1.00	**Sd1**	0.11		**S1**	0.07
Wind Load Factor	0.00	**Structure Frequency (f1)**		0.35	**SA**	0.04	**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	0.01	0.00	0.00	
5.00		927.61	0.00	0.04	0.02	22.86	
10.00		906.06	0.01	0.06	0.03	29.85	
15.00		884.52	0.02	0.06	0.04	32.74	
20.00		862.97	0.04	0.07	0.04	33.76	
25.00		841.43	0.06	0.07	0.04	33.99	
30.00		819.89	0.08	0.07	0.04	33.96	
35.00		798.34	0.11	0.07	0.04	33.87	
40.00		776.80	0.14	0.07	0.03	33.70	
45.00		755.26	0.18	0.07	0.03	33.24	
47.75	Bot - Section 2	406.21	0.20	0.06	0.02	17.89	
50.00		659.75	0.22	0.06	0.02	28.89	
53.25	Top - Section 1	937.57	0.25	0.06	0.02	40.18	
55.00		250.50	0.26	0.05	0.02	10.52	
60.00		701.17	0.31	0.04	0.01	26.38	
65.00		679.63	0.37	0.03	0.01	20.23	
70.00		658.08	0.42	0.01	0.01	11.75	
75.00		636.54	0.49	-0.01	0.01	1.58	
80.00		614.99	0.55	-0.03	0.01	-8.74	
85.00		593.45	0.62	-0.06	0.02	-17.33	
90.00		571.91	0.70	-0.09	0.03	-22.83	
92.00	Appurtenance(s)	301.23	0.73	-0.09	0.04	-12.85	
93.00	Appurtenance(s)	250.07	0.74	-0.10	0.04	-10.92	
95.00		217.56	0.77	-0.11	0.05	-9.78	
97.25	Bot - Section 3	240.63	0.81	-0.11	0.06	-10.89	
100.00		522.91	0.86	-0.12	0.07	-22.99	
101.25	Top - Section 2	233.81	0.88	-0.12	0.08	-10.00	
105.00		308.44	0.94	-0.12	0.11	-11.41	
110.00		396.18	1.03	-0.10	0.15	-9.58	
115.00		378.94	1.13	-0.05	0.21	-2.14	
119.50	Appurtenance(s)	3817.6	1.22	0.02	0.27	60.59	
120.00		35.40	1.23	0.03	0.28	0.66	
125.00		344.47	1.33	0.17	0.37	16.70	
129.00	Top - Section 3	355.17	1.42	0.32	0.45	27.22	
130.00		48.18	1.44	0.37	0.48	4.06	
135.00		233.13	1.55	0.64	0.61	29.37	
140.00		220.21	1.67	1.01	0.77	38.27	
141.00	Appurtenance(s)	2125.8	1.69	1.10	0.81	391.37	
142.00	Appurtenance(s)	1060.4	1.72	1.19	0.84	206.42	
145.00		122.82	1.79	1.50	0.96	27.98	
149.00	Appurtenance(s)	2086.1	1.89	1.98	1.14	575.06	
	Totals:	**27,581.9**				**1,673.6**	**Total Wind:** **25,779.6**

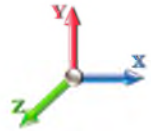
Seismic Base Shear is Less Than 50% of Wind Force - An Analysis is NOT Required

Calculated Forces

Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 27	

Tower Engineering Solutions

Load Case: 0.9D + 1.0E



Gust Response Factor	1.10			**Sds**	0.22			**Iterations**	23
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.11			**Ss**	0.21
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.35	**SA**	0.04			**S1**	0.07
								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	-30.87	-1.83	0.00	-221.64	0.00	221.64	3273.57	1636.79	7496.53	3753.83		0.00	0.00	0.068
5.00	-29.95	-1.81	0.00	-212.51	0.00	212.51	3239.51	1619.75	7247.24	3629.01		0.01	-0.01	0.068
10.00	-28.91	-1.79	0.00	-203.45	0.00	203.45	3203.51	1601.76	6997.34	3503.87		0.03	-0.03	0.067
15.00	-27.88	-1.76	0.00	-194.51	0.00	194.51	3165.58	1582.79	6747.13	3378.58		0.07	-0.04	0.066
20.00	-26.88	-1.74	0.00	-185.70	0.00	185.70	3125.72	1562.86	6496.92	3253.29		0.12	-0.06	0.066
25.00	-25.90	-1.71	0.00	-177.02	0.00	177.02	3083.93	1541.97	6247.01	3128.15		0.19	-0.08	0.065
30.00	-24.93	-1.68	0.00	-168.49	0.00	168.49	3040.21	1520.10	5997.71	3003.31		0.28	-0.09	0.064
35.00	-23.99	-1.65	0.00	-160.09	0.00	160.09	2994.56	1497.28	5749.33	2878.94		0.39	-0.11	0.064
40.00	-23.07	-1.62	0.00	-151.84	0.00	151.84	2946.97	1473.49	5502.17	2755.17		0.51	-0.13	0.063
45.00	-22.16	-1.59	0.00	-143.73	0.00	143.73	2897.46	1448.73	5256.53	2632.17		0.65	-0.14	0.062
47.75	-21.67	-1.58	0.00	-139.35	0.00	139.35	2869.40	1434.70	5122.20	2564.91		0.74	-0.15	0.062
50.00	-20.97	-1.55	0.00	-135.80	0.00	135.80	2846.01	1423.00	5012.74	2510.09		0.82	-0.16	0.061
53.25	-19.98	-1.51	0.00	-130.76	0.00	130.76	2837.57	1418.79	4973.81	2490.60		0.93	-0.18	0.060
55.00	-19.68	-1.50	0.00	-128.12	0.00	128.12	2819.00	1409.50	4889.10	2448.18		1.00	-0.18	0.059
60.00	-18.82	-1.48	0.00	-120.60	0.00	120.60	2764.64	1382.32	4648.65	2327.78		1.20	-0.20	0.059
65.00	-17.98	-1.46	0.00	-113.20	0.00	113.20	2708.35	1354.17	4410.81	2208.68		1.42	-0.22	0.058
70.00	-17.17	-1.45	0.00	-105.89	0.00	105.89	2650.12	1325.06	4175.87	2091.04		1.66	-0.24	0.057
75.00	-16.37	-1.45	0.00	-98.62	0.00	98.62	2589.96	1294.98	3944.16	1975.01		1.93	-0.26	0.056
80.00	-15.59	-1.46	0.00	-91.34	0.00	91.34	2527.88	1263.94	3715.96	1860.74		2.21	-0.28	0.055
85.00	-14.83	-1.46	0.00	-84.06	0.00	84.06	2463.86	1231.93	3491.60	1748.39		2.52	-0.30	0.054
90.00	-14.09	-1.46	0.00	-76.76	0.00	76.76	2397.91	1198.95	3271.37	1638.12		2.85	-0.33	0.053
92.00	-13.73	-1.46	0.00	-73.85	0.00	73.85	2370.99	1185.49	3184.51	1594.62		2.99	-0.34	0.052
93.00	-13.46	-1.46	0.00	-72.39	0.00	72.39	2357.41	1178.70	3141.35	1573.01		3.06	-0.34	0.052
95.00	-13.17	-1.46	0.00	-69.47	0.00	69.47	2330.03	1165.01	3055.58	1530.06		3.20	-0.35	0.051
97.25	-12.86	-1.46	0.00	-66.19	0.00	66.19	2298.85	1149.42	2960.01	1482.20		3.37	-0.36	0.050
100.00	-12.27	-1.46	0.00	-62.18	0.00	62.18	2260.21	1130.11	2844.54	1424.39		3.58	-0.37	0.049
101.25	-12.00	-1.46	0.00	-60.35	0.00	60.35	1705.50	852.75	2167.94	1085.58		3.68	-0.38	0.063
105.00	-11.56	-1.46	0.00	-54.88	0.00	54.88	1669.73	834.87	2056.27	1029.66		3.99	-0.40	0.060
110.00	-10.98	-1.46	0.00	-47.58	0.00	47.58	1620.35	810.17	1909.79	956.31		4.42	-0.42	0.057
115.00	-10.42	-1.46	0.00	-40.28	0.00	40.28	1569.04	784.52	1766.36	884.49		4.87	-0.45	0.052
119.50	-6.79	-1.37	0.00	-33.70	0.00	33.70	1521.21	760.60	1640.13	821.29		5.31	-0.47	0.046
120.00	-6.74	-1.37	0.00	-33.01	0.00	33.01	1515.79	757.90	1626.29	814.35		5.36	-0.48	0.045
125.00	-6.27	-1.36	0.00	-26.15	0.00	26.15	1460.62	730.31	1489.87	746.04		5.87	-0.50	0.039
129.00	-5.82	-1.33	0.00	-20.73	0.00	20.73	1406.38	703.19	1375.06	688.55		6.30	-0.52	0.034
129.00	-5.82	-1.33	0.00	-20.73	0.00	20.73	978.70	489.35	961.93	481.68		6.30	-0.52	0.049
130.00	-5.74	-1.32	0.00	-19.40	0.00	19.40	971.83	485.92	944.91	473.15		6.41	-0.52	0.047
135.00	-5.37	-1.29	0.00	-12.79	0.00	12.79	936.33	468.17	860.89	431.08		6.96	-0.54	0.035
140.00	-5.01	-1.25	0.00	-6.34	0.00	6.34	898.90	449.45	778.95	390.05		7.54	-0.56	0.022
141.00	-3.07	-0.84	0.00	-5.09	0.00	5.09	891.19	445.59	762.84	381.99		7.66	-0.56	0.017
142.00	-2.10	-0.62	0.00	-4.25	0.00	4.25	883.39	441.70	746.83	373.97		7.78	-0.56	0.014
145.00	-1.94	-0.59	0.00	-2.38	0.00	2.38	859.54	429.77	699.40	350.22		8.13	-0.57	0.009
149.00	0.00	-0.58	0.00	0.00	0.00	0.00	826.66	413.33	637.68	319.32		8.61	-0.57	0.000

Wind Loading - Shaft

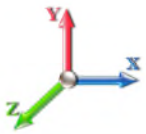
Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 28	

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 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	7.442	8.19	261.76	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	7.442	8.19	255.78	0.650	0.000	5.00	23.389	15.20	124.5	0.0	927.6
10.00		1.00	0.85	7.442	8.19	249.80	0.650	0.000	5.00	22.849	14.85	121.6	0.0	906.1
15.00		1.00	0.86	7.534	8.29	245.33	0.650	0.000	5.00	22.309	14.50	120.2	0.0	884.5
20.00		1.00	0.91	7.978	8.78	246.26	0.650	0.000	5.00	21.769	14.15	124.2	0.0	863.0
25.00		1.00	0.95	8.345	9.18	245.54	0.650	0.000	5.00	21.229	13.80	126.7	0.0	841.4
30.00		1.00	0.99	8.659	9.53	243.68	0.650	0.000	5.00	20.689	13.45	128.1	0.0	819.9
35.00		1.00	1.02	8.936	9.83	241.00	0.650	0.000	5.00	20.148	13.10	128.7	0.0	798.3
40.00		1.00	1.05	9.184	10.10	237.68	0.650	0.000	5.00	19.608	12.75	128.8	0.0	776.8
45.00		1.00	1.07	9.410	10.35	233.85	0.650	0.000	5.00	19.068	12.39	128.3	0.0	755.3
47.75	Bot - Section 2	1.00	1.09	9.525	10.48	231.57	0.650	0.000	2.75	10.257	6.67	69.9	0.0	406.2
50.00		1.00	1.10	9.616	10.58	229.62	0.650	0.000	2.25	8.390	5.45	57.7	0.0	659.8
53.25	Top - Section 1	1.00	1.11	9.742	10.72	226.67	0.650	0.000	3.25	11.925	7.75	83.1	0.0	937.6
55.00		1.00	1.12	9.807	10.79	228.39	0.650	0.000	1.75	6.327	4.11	44.4	0.0	250.5
60.00		1.00	1.14	9.986	10.98	223.53	0.650	0.000	5.00	17.712	11.51	126.5	0.0	701.2
65.00		1.00	1.16	10.153	11.17	218.41	0.650	0.000	5.00	17.172	11.16	124.7	0.0	679.6
70.00		1.00	1.18	10.310	11.34	213.06	0.650	0.000	5.00	16.632	10.81	122.6	0.0	658.1
75.00		1.00	1.19	10.459	11.50	207.51	0.650	0.000	5.00	16.092	10.46	120.3	0.0	636.5
80.00		1.00	1.21	10.600	11.66	201.77	0.650	0.000	5.00	15.551	10.11	117.9	0.0	615.0
85.00		1.00	1.23	10.734	11.81	195.87	0.650	0.000	5.00	15.011	9.76	115.2	0.0	593.4
90.00		1.00	1.24	10.863	11.95	189.82	0.650	0.000	5.00	14.471	9.41	112.4	0.0	571.9
92.00	Appurtenance(s)	1.00	1.25	10.913	12.00	187.36	0.650	0.000	2.00	5.637	3.66	44.0	0.0	222.7
93.00	Appurtenance(s)	1.00	1.25	10.937	12.03	186.12	0.650	0.000	1.00	2.786	1.81	21.8	0.0	110.1
95.00		1.00	1.25	10.986	12.08	183.63	0.650	0.000	2.00	5.508	3.58	43.3	0.0	217.6
97.25	Bot - Section 3	1.00	1.26	11.040	12.14	180.80	0.650	0.000	2.25	6.093	3.96	48.1	0.0	240.6
100.00		1.00	1.27	11.104	12.21	177.32	0.650	0.000	2.75	7.414	4.82	58.9	0.0	522.9
101.25	Top - Section 2	1.00	1.27	11.133	12.25	175.72	0.650	0.000	1.25	3.316	2.16	26.4	0.0	233.8
105.00		1.00	1.28	11.218	12.34	173.76	0.650	0.000	3.75	9.746	6.33	78.2	0.0	308.4
110.00		1.00	1.29	11.327	12.46	167.23	0.650	0.000	5.00	12.522	8.14	101.4	0.0	396.2
115.00		1.00	1.31	11.432	12.58	160.60	0.650	0.000	5.00	11.982	7.79	97.9	0.0	378.9
119.50	Appurtenance(s)	1.00	1.32	11.524	12.68	154.55	0.650	0.000	4.50	10.322	6.71	85.1	0.0	326.3
120.00		1.00	1.32	11.534	12.69	153.87	0.650	0.000	0.50	1.120	0.73	9.2	0.0	35.4
125.00		1.00	1.33	11.633	12.80	147.06	0.650	0.000	5.00	10.902	7.09	90.7	0.0	344.5
129.00	Top - Section 3	1.00	1.34	11.710	12.88	141.55	0.650	0.000	4.00	8.332	5.42	69.8	0.0	263.2
130.00		1.00	1.34	11.729	12.90	140.16	0.650	0.000	1.00	2.029	1.32	17.0	0.0	48.2
135.00		1.00	1.35	11.822	13.00	133.18	0.650	0.000	5.00	9.821	6.38	83.0	0.0	233.1
140.00		1.00	1.36	11.912	13.10	126.13	0.650	0.000	5.00	9.281	6.03	79.0	0.0	220.2
141.00	Appurtenance(s)	1.00	1.36	11.930	13.12	124.71	0.650	0.000	1.00	1.791	1.16	15.3	0.0	42.5
142.00	Appurtenance(s)	1.00	1.36	11.947	13.14	123.29	0.650	0.000	1.00	1.770	1.15	15.1	0.0	42.0
145.00		1.00	1.37	12.000	13.20	119.00	0.650	0.000	3.00	5.180	3.37	44.4	0.0	122.8
149.00	Appurtenance(s)	1.00	1.38	12.068	13.27	113.26	0.650	0.000	4.00	6.604	4.29	57.0	0.0	156.5
								Totals:	**149.00**			**3,311.0**		**18,748.6**

Discrete Appurtenance Forces

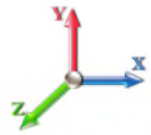
Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 29	

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 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	149.00	Low Profile Platform	1	12.068	13.275	1.00	1.00	22.00	1500.00	0.000	0.000	292.05	0.00	0.00
2	149.00	Kathrein 782 11056	3	12.068	13.275	0.60	0.90	0.27	7.80	0.000	0.000	3.60	0.00	0.00
3	149.00	Ericsson KRY 112 489/2	3	12.068	13.275	0.60	0.90	1.01	33.00	0.000	0.000	13.45	0.00	0.00
4	149.00	RFS	3	12.068	13.275	0.79	1.00	12.25	79.50	0.000	0.000	162.66	0.00	0.00
5	149.00	RFS APXV18-209014	3	12.068	13.275	0.79	1.00	8.32	56.10	0.000	0.000	110.43	0.00	0.00
6	149.00	Commscope	3	12.068	13.275	0.84	1.00	28.85	149.40	0.000	0.000	383.04	0.00	0.00
7	149.00	RFS BA1010	1	12.108	13.318	1.00	1.00	1.24	8.80	0.000	2.350	16.51	0.00	38.81
8	149.00	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
9	149.00	Standoff Mount	1	12.068	13.275	1.00	1.00	1.80	60.00	0.000	0.000	23.89	0.00	0.00
10	142.00	Cci HPA-65R-BUU-H6	3	11.982	13.181	0.68	0.80	19.71	152.10	0.000	2.000	259.74	0.00	519.48
11	142.00	Powerwave LGP-21401	9	11.982	13.181	0.80	0.80	7.56	126.90	0.000	2.000	99.65	0.00	199.29
12	142.00	Ericsson RRUS 32 RRU	3	11.947	13.142	0.56	0.80	2.77	231.00	0.000	0.000	36.43	0.00	0.00
13	142.00	Ericsson 4426 B66 RRU	3	11.947	13.142	0.58	0.80	2.01	145.50	0.000	0.000	26.48	0.00	0.00
14	142.00	Powerwave	3	11.982	13.181	0.72	0.80	1.19	48.00	0.000	2.000	15.66	0.00	31.32
15	142.00	Ericsson RRUS 11 RRU	3	11.947	13.142	0.62	0.80	4.72	165.00	0.000	0.000	62.00	0.00	0.00
16	142.00	Ericsson RRUS 12 RRU	3	11.982	13.181	0.56	0.80	5.29	150.00	0.000	2.000	69.75	0.00	139.50
17	141.00	Powerwave 7770	3	11.930	13.123	0.58	0.80	9.65	105.00	0.000	0.000	126.68	0.00	0.00
18	141.00	Low Profile Platform	1	11.930	13.123	1.00	1.00	22.00	1500.00	0.000	0.000	288.70	0.00	0.00
19	141.00	Powerwave 1001983	3	11.930	13.123	0.80	0.80	0.26	8.70	0.000	0.000	3.46	0.00	0.00
20	141.00	Raycap DC6-48-60-18-8F	2	11.930	13.123	0.80	0.80	3.52	65.60	0.000	0.000	46.19	0.00	0.00
21	141.00	Kaelus DBCT108F1V92-1	6	11.930	13.123	0.56	0.80	2.39	100.20	0.000	0.000	31.31	0.00	0.00
22	141.00	Kathrein 80010798	3	11.930	13.123	0.62	0.80	20.01	258.90	0.000	0.000	262.61	0.00	0.00
23	141.00	Ericsson RRUS-A2 RRU	3	11.930	13.123	0.54	0.80	2.52	45.00	0.000	0.000	33.13	0.00	0.00
24	129.00	Standoff Mount	1	11.710	12.881	1.00	1.00	1.80	60.00	0.000	0.000	23.19	0.00	0.00
25	129.00	RFS BA40-01	1	11.817	12.999	1.00	1.00	3.45	32.00	0.000	5.750	44.85	0.00	257.87
26	119.50	MS-H1242 (Heavy Collar	1	11.524	12.677	1.00	1.00	2.50	150.00	0.000	0.000	31.69	0.00	0.00
27	119.50	Antel	6	11.524	12.677	0.55	0.75	17.98	72.00	0.000	0.000	227.96	0.00	0.00
28	119.50	MT6407-77A	3	11.534	12.688	0.52	0.75	7.39	238.20	0.000	0.500	93.72	0.00	46.86
29	119.50	B2/B66A RRH-BR049	3	11.534	12.688	0.50	0.75	2.82	253.20	0.000	0.500	35.77	0.00	17.88
30	119.50	B5/B13 RRH-BR04C	3	11.534	12.688	0.50	0.75	2.82	210.90	0.000	0.500	35.77	0.00	17.88
31	119.50	MS-KI22-5 (Kickers w/o	1	11.524	12.677	1.00	1.00	8.00	291.00	0.000	0.000	101.41	0.00	0.00
32	119.50	HRK12 (Handrail Kit)	1	11.534	12.688	1.00	1.00	8.20	504.00	0.000	0.500	104.04	0.00	52.02
33	119.50	Low Profile Platform	1	11.524	12.677	1.00	1.00	22.00	1500.00	0.000	0.000	278.89	0.00	0.00
34	119.50	Andrew	1	11.534	12.688	1.00	1.00	3.79	32.00	0.000	0.500	48.09	0.00	24.04
35	119.50	Andrew SBNHH-1D65B	6	11.524	12.677	0.62	0.75	30.48	240.00	0.000	0.000	386.36	0.00	0.00
36	93.00	Single Arm Mount	2	10.937	12.031	1.00	1.00	3.60	120.00	0.000	0.000	43.31	0.00	0.00
37	93.00	RFS 1142	2	11.092	12.202	1.00	1.00	7.80	20.00	0.000	6.500	95.17	0.00	618.62
38	92.00	Single Arm Mount	1	10.913	12.004	1.00	1.00	1.80	60.00	0.000	0.000	21.61	0.00	0.00
39	92.00	Sinclair SD210-SF3P2LDF	1	11.104	12.214	1.00	1.00	4.80	18.50	0.000	8.000	58.63	0.00	469.03
							Totals:		**8,833.30**			**4,011.87**		

Total Applied Force Summary

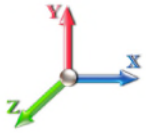
Structure:	CT13061-A-SBA		**Code:**	EIA/TIA-222-G	7/26/2021
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 30

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 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		124.45	1027.81	0.00	0.00
10.00		121.58	1156.56	0.00	0.00
15.00		120.17	1135.02	0.00	0.00
20.00		124.17	1113.47	0.00	0.00
25.00		126.66	1091.93	0.00	0.00
30.00		128.09	1070.39	0.00	0.00
35.00		128.74	1048.84	0.00	0.00
40.00		128.76	1027.30	0.00	0.00
45.00		128.29	1005.76	0.00	0.00
47.75		69.86	543.98	0.00	0.00
50.00		57.68	772.48	0.00	0.00
53.25		83.07	1100.40	0.00	0.00
55.00		44.37	338.17	0.00	0.00
60.00		126.46	951.67	0.00	0.00
65.00		124.65	930.13	0.00	0.00
70.00		122.60	908.58	0.00	0.00
75.00		120.33	887.04	0.00	0.00
80.00		117.86	865.49	0.00	0.00
85.00		115.21	843.95	0.00	0.00
90.00		112.40	822.41	0.00	0.00
92.00	(2) attachments	124.22	401.43	0.00	469.03
93.00	(4) attachments	160.27	299.65	0.00	618.62
95.00		43.26	314.64	0.00	0.00
97.25		48.09	349.85	0.00	0.00
100.00		58.87	656.39	0.00	0.00
101.25		26.40	294.48	0.00	0.00
105.00		78.17	490.47	0.00	0.00
110.00		101.41	638.88	0.00	0.00
115.00		97.94	621.64	0.00	0.00
119.50	(26) attachments	1428.75	4036.04	0.00	158.69
120.00		9.24	59.67	0.00	0.00
125.00		90.68	524.17	0.00	0.00
129.00	(2) attachments	137.80	498.93	0.00	257.87
130.00		17.02	83.60	0.00	0.00
135.00		83.02	410.23	0.00	0.00
140.00		79.05	397.31	0.00	0.00
141.00	(21) attachments	807.36	2161.31	0.00	0.00
142.00	(27) attachments	584.82	1079.71	0.00	889.59
145.00		44.44	180.54	0.00	0.00
149.00	(19) attachments	1076.62	2163.08	0.00	87.83
	Totals:	**7,322.83**	**34,303.40**	**0.00**	**2,481.64**

Linear Appurtenance Segment Forces (Factored)

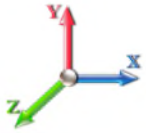
Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 31	

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 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	7/8" Coax	Yes	1.00	0.000	1.11	0.09	0.00	0.017	0.000	10.986	0.00	0.00
97.25	7/8" Coax	Yes	2.25	0.000	1.11	0.21	0.00	0.034	0.000	11.040	0.00	0.00
100.00	7/8" Coax	Yes	2.75	0.000	1.11	0.25	0.00	0.035	0.000	11.104	0.00	0.00
101.25	7/8" Coax	Yes	1.25	0.000	1.11	0.12	0.00	0.035	0.000	11.133	0.00	0.00
105.00	7/8" Coax	Yes	3.75	0.000	1.11	0.35	0.00	0.036	0.000	11.218	0.00	0.00
110.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.037	0.000	11.327	0.00	0.00
115.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.039	0.000	11.432	0.00	0.00
119.50	7/8" Coax	Yes	4.50	0.000	1.11	0.42	0.00	0.040	0.000	11.524	0.00	0.00
120.00	7/8" Coax	Yes	0.50	0.000	1.11	0.05	0.00	0.041	0.000	11.534	0.00	0.00
125.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.042	0.000	11.633	0.00	0.00
129.00	7/8" Coax	Yes	4.00	0.000	1.11	0.37	0.00	0.044	0.000	11.710	0.00	0.00
130.00	7/8" Coax	Yes	1.00	0.000	1.11	0.09	0.00	0.046	0.000	11.729	0.00	0.00
135.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.047	0.000	11.822	0.00	0.00
140.00	7/8" Coax	Yes	5.00	0.000	1.11	0.46	0.00	0.050	0.000	11.912	0.00	0.00
141.00	7/8" Coax	Yes	1.00	0.000	1.11	0.09	0.00	0.052	0.000	11.930	0.00	0.00
142.00	7/8" Coax	Yes	1.00	0.000	1.11	0.09	0.00	0.052	0.000	11.947	0.00	0.00
145.00	7/8" Coax	Yes	3.00	0.000	1.11	0.28	0.00	0.054	0.000	12.000	0.00	0.00
149.00	7/8" Coax	Yes	4.00	0.000	1.11	0.37	0.00	0.056	0.000	12.068	0.00	0.00
										Totals:	**0.0**	**0.0**

Calculated Forces

Structure:	CT13061-A-SBA	**Code:**	EIA/TIA-222-G	7/26/2021	
Site Name:	New Fairfield	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
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 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	-34.30	-7.34	0.00	-800.94	0.00	800.94	3273.57	1636.79	7496.53	3753.83	0.00	0.000	0.000	0.224
5.00	-33.27	-7.24	0.00	-764.25	0.00	764.25	3239.51	1619.75	7247.24	3629.01	0.03	-0.052	0.000	0.221
10.00	-32.10	-7.15	0.00	-728.03	0.00	728.03	3203.51	1601.76	6997.34	3503.87	0.11	-0.104	0.000	0.218
15.00	-30.96	-7.06	0.00	-692.28	0.00	692.28	3165.58	1582.79	6747.13	3378.58	0.25	-0.158	0.000	0.215
20.00	-29.84	-6.96	0.00	-657.00	0.00	657.00	3125.72	1562.86	6496.92	3253.29	0.44	-0.214	0.000	0.212
25.00	-28.74	-6.86	0.00	-622.21	0.00	622.21	3083.93	1541.97	6247.01	3128.15	0.70	-0.270	0.000	0.208
30.00	-27.67	-6.75	0.00	-587.93	0.00	587.93	3040.21	1520.10	5997.71	3003.31	1.01	-0.328	0.000	0.205
35.00	-26.61	-6.64	0.00	-554.18	0.00	554.18	2994.56	1497.28	5749.33	2878.94	1.39	-0.386	0.000	0.201
40.00	-25.58	-6.53	0.00	-520.97	0.00	520.97	2946.97	1473.49	5502.17	2755.17	1.82	-0.446	0.000	0.198
45.00	-24.57	-6.42	0.00	-488.31	0.00	488.31	2897.46	1448.73	5256.53	2632.17	2.32	-0.508	0.000	0.194
47.75	-24.02	-6.36	0.00	-470.66	0.00	470.66	2869.40	1434.70	5122.20	2564.91	2.63	-0.543	0.000	0.192
50.00	-23.25	-6.30	0.00	-456.36	0.00	456.36	2846.01	1423.00	5012.74	2510.09	2.89	-0.571	0.000	0.190
53.25	-22.14	-6.22	0.00	-435.87	0.00	435.87	2837.57	1418.79	4973.81	2490.60	3.29	-0.613	0.000	0.183
55.00	-21.80	-6.19	0.00	-424.98	0.00	424.98	2819.00	1409.50	4889.10	2448.18	3.52	-0.636	0.000	0.181
60.00	-20.84	-6.08	0.00	-394.03	0.00	394.03	2764.64	1382.32	4648.65	2327.78	4.22	-0.698	0.000	0.177
65.00	-19.91	-5.96	0.00	-363.65	0.00	363.65	2708.35	1354.17	4410.81	2208.68	4.99	-0.761	0.000	0.172
70.00	-19.00	-5.85	0.00	-333.84	0.00	333.84	2650.12	1325.06	4175.87	2091.04	5.82	-0.825	0.000	0.167
75.00	-18.10	-5.73	0.00	-304.60	0.00	304.60	2589.96	1294.98	3944.16	1975.01	6.72	-0.889	0.000	0.161
80.00	-17.23	-5.62	0.00	-275.93	0.00	275.93	2527.88	1263.94	3715.96	1860.74	7.68	-0.954	0.000	0.155
85.00	-16.39	-5.51	0.00	-247.82	0.00	247.82	2463.86	1231.93	3491.60	1748.39	8.72	-1.018	0.000	0.148
90.00	-15.56	-5.40	0.00	-220.27	0.00	220.27	2397.91	1198.95	3271.37	1638.12	9.82	-1.083	0.000	0.141
92.00	-15.16	-5.27	0.00	-209.01	0.00	209.01	2370.99	1185.49	3184.51	1594.62	10.28	-1.109	0.000	0.137
93.00	-14.86	-5.11	0.00	-203.12	0.00	203.12	2357.41	1178.70	3141.35	1573.01	10.51	-1.123	0.000	0.135
95.00	-14.55	-5.07	0.00	-192.90	0.00	192.90	2330.03	1165.01	3055.58	1530.06	10.99	-1.149	0.000	0.132
97.25	-14.19	-5.02	0.00	-181.50	0.00	181.50	2298.85	1149.42	2960.01	1482.20	11.54	-1.178	0.000	0.129
100.00	-13.54	-4.95	0.00	-167.70	0.00	167.70	2260.21	1130.11	2844.54	1424.39	12.23	-1.213	0.000	0.124
101.25	-13.24	-4.93	0.00	-161.51	0.00	161.51	1705.50	852.75	2167.94	1085.58	12.55	-1.230	0.000	0.157
105.00	-12.75	-4.85	0.00	-143.04	0.00	143.04	1669.73	834.87	2056.27	1029.66	13.53	-1.276	0.000	0.147
110.00	-12.11	-4.75	0.00	-118.78	0.00	118.78	1620.35	810.17	1909.79	956.31	14.90	-1.345	0.000	0.132
115.00	-11.48	-4.65	0.00	-95.04	0.00	95.04	1569.04	784.52	1766.36	884.49	16.35	-1.409	0.000	0.115
119.50	-7.48	-3.12	0.00	-73.97	0.00	73.97	1521.21	760.60	1640.13	821.29	17.70	-1.461	0.000	0.095
120.00	-7.42	-3.12	0.00	-72.41	0.00	72.41	1515.79	757.90	1626.29	814.35	17.86	-1.467	0.000	0.094
125.00	-6.90	-3.02	0.00	-56.83	0.00	56.83	1460.62	730.31	1489.87	746.04	19.42	-1.518	0.000	0.081
129.00	-6.40	-2.87	0.00	-44.51	0.00	44.51	1406.38	703.19	1375.06	688.55	20.71	-1.556	0.000	0.069
129.00	-6.40	-2.87	0.00	-44.51	0.00	44.51	978.70	489.35	961.93	481.68	20.71	-1.556	0.000	0.099
130.00	-6.32	-2.85	0.00	-41.64	0.00	41.64	971.83	485.92	944.91	473.15	21.03	-1.565	0.000	0.095
135.00	-5.91	-2.76	0.00	-27.38	0.00	27.38	936.33	468.17	860.89	431.08	22.70	-1.614	0.000	0.070
140.00	-5.51	-2.67	0.00	-13.58	0.00	13.58	898.90	449.45	778.95	390.05	24.41	-1.648	0.000	0.041
141.00	-3.37	-1.80	0.00	-10.90	0.00	10.90	891.19	445.59	762.84	381.99	24.76	-1.653	0.000	0.032
142.00	-2.31	-1.19	0.00	-8.21	0.00	8.21	883.39	441.70	746.83	373.97	25.10	-1.657	0.000	0.025
145.00	-2.13	-1.14	0.00	-4.64	0.00	4.64	859.54	429.77	699.40	350.22	26.15	-1.666	0.000	0.016
149.00	0.00	-1.08	0.00	-0.09	0.00	0.09	826.66	413.33	637.68	319.32	27.55	-1.670	0.000	0.000

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 89 mph Wind	25.8	0.00	41.12	0.00	0.00	2838.97
0.9D + 1.6W 89 mph Wind	25.8	0.00	30.83	0.00	0.00	2804.73
1.2D + 1.0Di + 1.0Wi 50 mph Wind	9.0	0.00	64.37	0.00	0.00	991.97
1.2D + 1.0E	1.8	0.00	41.16	0.00	0.00	224.61
0.9D + 1.0E	1.8	0.00	30.87	0.00	0.00	221.64
1.0D + 1.0W 60 mph Wind	7.3	0.00	34.30	0.00	0.00	800.94

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 89 mph Wind	-41.12	-25.85	0.00	-2838.9	0.00	-2838.9	3273.57	1636.7	7496.53	3753.83	0.00	0.769
0.9D + 1.6W 89 mph Wind	-30.83	-25.83	0.00	-2804.7	0.00	-2804.7	3273.57	1636.7	7496.53	3753.83	0.00	0.757
1.2D + 1.0Di + 1.0Wi 50 mph Wind	-64.37	-9.05	0.00	-991.97	0.00	-991.97	3273.57	1636.7	7496.53	3753.83	0.00	0.284
1.2D + 1.0E	-41.16	-1.83	0.00	-224.61	0.00	-224.61	3273.57	1636.7	7496.53	3753.83	0.00	0.072
0.9D + 1.0E	-30.87	-1.83	0.00	-221.64	0.00	-221.64	3273.57	1636.7	7496.53	3753.83	0.00	0.068
1.0D + 1.0W 60 mph Wind	-34.30	-7.34	0.00	-800.94	0.00	-800.94	3273.57	1636.7	7496.53	3753.83	0.00	0.224

Base Plate Summary

Structure:	CT13061-A-SB		**Code:**	EIA/TIA-222-G	7/26/2021
Site Name:	New Fairfield		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 34

Tower Engineering Solutions

Reactions	
Original Design	
Moment (kip-ft):	3340.00
Axial (kip):	43.90
Shear (kip):	29.90
Analysis (1.2D + 1.6W)	
Moment (kip-ft):	2838.97
Axial (kip):	41.12
Shear (kip):	25.85

Base Plate	
Yield (ksi):	60.00
Width (in):	59.75
Style:	Clipped
Polygon Sides:	0.00
Clip Length (in):	11.00
Effective Len (in):	10.85
Moment (kip-in):	594.35
Allow Stress (ksi):	81.00
Applied Stress (ksi):	43.74
Stress Ratio:	0.54

Anchor Bolts	
Bolt Circle:	62.25
Number Bolts:	12.00
Bolt Type:	2.25" 18J
Bolt Diameter (in):	2.25
Yield (ksi):	75.00
Ultimate (ksi):	100.00
Arrangement:	Clustered
Cluster Dist (in):	6.00
Start Angle (deg):	45.00
Compression	
Force (kip):	187.79
Allowable (kip):	260.00
Ratio:	0.74
Tension	
Force (kip):	177.06
Allowable (kip):	260.00
Ratio:	0.70

Monopole Mat Foundation Design

Customer Name:	Verizon	**EIA/TIA Standard:**	EIA-222-G
Site Name:		**Structure Height (Ft.):**	149
Site Number:	CT13061-A-SBA	**Engineer Name:**	K. Wyant
Engr. Number:	111435	**Engineer Login ID:**	

Date 7/26/2021

Foundation Info Obtained from: Mapping Operation

Structure Type: Monopole

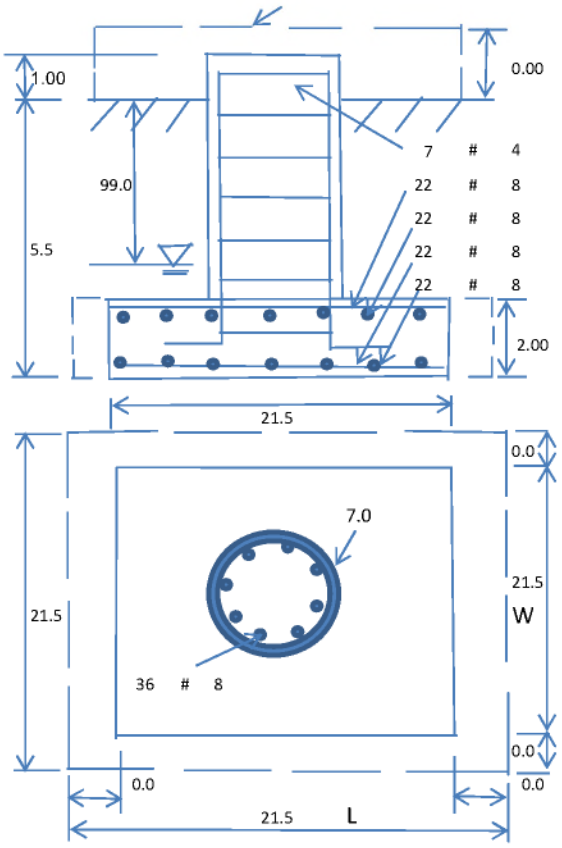
Analysis or Design? Analysis

Base Reactions (Factored):

Axial Load (Kips):	41.1	Shear Force (Kips):	25.8
Uplift Force (Kips):	0.0	Moment (Kips-ft):	2839.0
Allowable overstress %:	5.0%		

Foundation Geometries:

		Mods required -Yes/No ?:	No
Diameter of Pier (ft.):	7.0	Depth of Base BG (ft.):	5.5
Pier Height A. G. (ft.):	1.00	Thickness of Pad (ft):	2.00
Length of Pad (ft.):	21.5	Width of Pad (ft.):	21.5
Final Length of pad (ft)	21.5	Final width of pad (ft):	21.5



Material Properties and Reabr Info:

Concrete Strength (psi):	4000	Steel Elastic Modulus:	29000	ksi
Vertical bar yield (ksi)	60	Tie steel yield (ksi):	60	
Vertical Rebar Size #:	8	Tie / Stirrup Size #:	4	
Qty. of Vertical Rebars:	36	Tie Spacing (in):	12.0	
Pad Rebar Yield (Ksi):	60	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):	22	Qty. of Rebar in Pad (W):	22	
Rebar at the top of the concrete pad:				
Qty. of Rebar in Pad (L):	22	Qty. of Rebar in Pad (W):	22	
Apply 1.35 factor for e/w Per G:	1.35			

Soil Design Parameters:

Soil Unit Weight (pcf):	120.0	Soil Buoyant Weight:	50.0	Pcf		
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):	12000	Ultimate Skin Friction:	0	Psf	Angle from Bottm of Pad:	25
Consider Friction for O.T.M. (Y/N):	No	Consider Friction for bearing (Y/N):	Yes		Angle from Bottm of Pad:	25
Consider soil hor. resist. for OTM.:	No	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.):	1483.18	Total Dry Soil Weight (Kips):	177.98
Total Buoyant Soil Volume (cu. Ft.):	0.00	Total Buoyant Soil Weight (Kips):	0.00
Total Effective Soil Weight (Kips):	177.98	Weight from the Concrete Block at Top (K):	0.00
Total Dry Concrete Volume (cu. Ft.):	1097.68	Total Dry Concrete Weight (Kips):	164.65
Total Buoyant Concrete Volume (cu. Ft.):	0.00	Total Buoyant Concrete Weight (Kips):	0.00
Total Effective Concrete Weight (Kips):	164.65	Total Vertical Load on Base (Kips):	383.73

Check Soil Capacities:

				Load/ Capacity Ratio	
Calculated Maxium Net Soil Pressure under the base (psf):	3655	<	Allowable Factored Soil Bearing (psf): 9000	0.41	OK!
Allowable Foundation Overturning Resistance (kips-ft.):	3756.8	>	Design Factored Momont (kips-ft): 3007	0.80	OK!
Factor of Safety Against Overturning (O. R. Moment/Design Moment):	1.25	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		
					Load/ Capacity Ratio	
(1) Concrete Pier:						
Vertical Steel Rebar Area (sq. in./each):	0.79		Tie / Stirrup Area (sq. in./each):	0.20		
Calculated Moment Capacity (Mn,Kips-Ft):	4845.7	>	Design Factored Moment (Mu, Kips-F	2955.1	0.61	OK!
Calculated Shear Capacity (Kips):	660.1	>	Design Factored Shear (Kips):	25.8	0.04	OK!
Calculated Tension Capacity (Tn, Kips):	1535.8	>	Design Factored Tension (Tu Kips):	0.0	0.00	OK!
Calculated Compression Capacity (Pn, Kips):	9747.6	>	Design Factored Axial Load (Pu Kips):	41.1	0.00	OK!
Moment & Axial Strength Combination:	0.61	OK!	Check Tie Spacing (Design/Required):		1	OK!
Pier Reinforcement Ratio:	0.005		Reinforcement Ratio is satisfied per ACI			
(2).Concrete Pad:						
One-Way Design Shear Capacity (L-Direction, Kips):	501.8	>	One-Way Factored Shear (L-D. Kips):	207.2	0.41	OK!
One-Way Design Shear Capacity (W-Direction, Kips):	501.8	>	One-Way Factored Shear (W-D., Kips)	207.2	0.41	OK!
One-Way Design Shear Capacity (Corner-Corner. Kips):	466.5	>	One-Way Factored Shear (C-C, Kips):	214.7	0.46	OK!
Lower Steel Pad Reinforcement Ratio (L-Direct.):	0.0033	OK!	Lower Steel Pad Reinf. Ratio (W-Direc	0.0033		
Lower Steel Pad Moment Capacity (L-Direction. Kips-ft):	1556.8	>	Moment at Bottom (L-Dir. K-Ft):	845.1	0.54	OK!
Lower Steel Pad Moment Capacity (W-Direction. Kips-ft):	1556.8	>	Moment at Bottom (W-Dir. K-Ft):	845.1	0.54	OK!
Lower Steel Pad Moment Capacity (Corner-Corner,K-ft):	2182.0	>	Moment at Bottom (C-C Dir. K-Ft):	1195.2	0.55	OK!
Upper Steel Pad Reinforcement Ratio (L-Direct.):	0.0033	OK!	Upper Steel Reinf. Ratio (W-Dir.):	0.0033		
Upper Steel Pad Moment Capacity (L-Direc. Kips-ft):	1556.8	>	Moment at the top (L-Dir K-Ft):	390.7	0.25	OK!
Upper Steel Pad Moment Capacity (W-Direc. Kips-ft):	1556.8	>	Moment at the top (W-Dir K-Ft):	390.7	0.25	OK!
Upper Steel Pad Moment Capacity (Corner-Corner. K-ft):	2182.0	>	Moment at the top (C-C Dir. K-Ft):	369.4	0.17	OK!
(3).Check Punching Shear Capacity due to Moment in the Pier:						
Moment transferred by punching shear:	1135.6	k-ft.	Max. factored shear stress v_{u_CD}:		2.7	Psi
Max. factored shear stress v_{u_AB}:	12.9	Psi	Factored shear Strength ϕv_n:		189.7	Psi
Max. factored shear stress v_u:	12.9	Psi	Check Usage of Punching Shear Capacity:		0.07	OK!

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

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10056452
Maser Consulting Connecticut Project #: 20777638A

April 30, 2021

Site Information	*Site ID:*	*467279-VZW / Bogus Hill CT*
	Site Name:	*Bogus Hill CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*29 Bogus Hill Road* *New Fairfield, Connecticut 06812* *Fairfield County*
	Latitude:	*41.511836°*
	Longitude:	*-73.467208°*
Structure Information	*Tower Type:*	*150-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 15297445

Analysis Results

Platform: **53.8% Pass**

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

Report Prepared By: Selene Chen

STATE OF CONNECTICUT
JUSTIN PETER LINETTE
No. 31965
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Justin Linette
Date: 2021.04.30 14:09:35-04'00'

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 674847, dated March 8, 2021*
Mount Mapping Report	*Hudson Design Group LLC, Site # 467279 dated February 12, 2021*
Mount Analysis Report	*Maser Consulting Connecticut, Project #: 20777638A, dated March 19, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut, Project #: 20777638A, dated April 30, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	115 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:	0.931
Seismic Parameters:	S_S:	0.211
	S_1:	0.056
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
119.17	120.00	3	Samsung	MT6407-77A	Added
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		6	Andrew	SBNHH-1D65B	Retained
		6	Antel	LPA-80080/4CF	
		1	Raycap	RRFDC-6627-PF-48	

Standard Conditions:

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

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

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

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

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

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

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

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

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

8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	15.2%	Pass
Standoff Horizontal	11.9%	Pass
Corner Plate	29.6%	Pass
Platform Crossmember	53.8%	Pass
Grating Support	39.1%	Pass
Mount Pipe	29.0%	Pass
Cross Arm Plate	18.3%	Pass
Support Rail	14.5%	Pass
Support Rail Angle	17.3%	Pass
Kicker	8.3%	Pass
Mount Connection	27.0%	Pass

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

Recommendation:

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

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

Attachments:

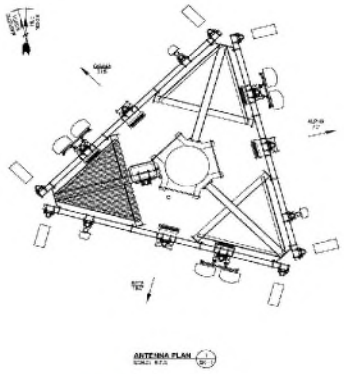
1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required PMI Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage Letter

V3.0 Updated on 8-31-2020

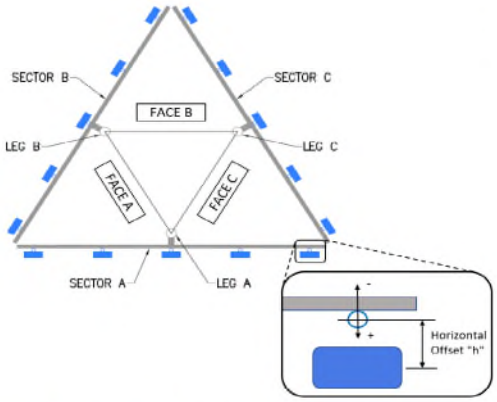
Antenna Mount Mapping Form (PATENT PENDING)

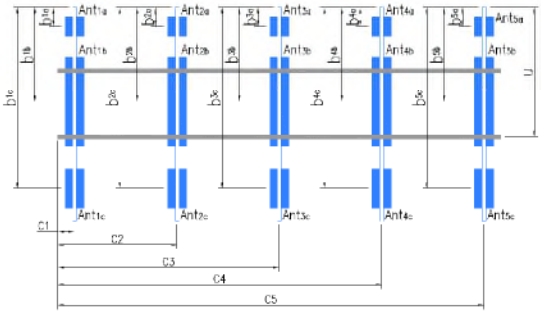
FCC # 1265077

Tower Owner:	SBA	**Mapping Date:**	2/12/2021
Site Name:	Bogus Hill CT	**Tower Type:**	Monopole
Site Number or ID:	467279	**Tower Height (Ft.):**	150
Mapping Contractor:	Hudson Design Group LLC	**Mount Elevation (Ft.):**	119.8



ANTENNA PLAN





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

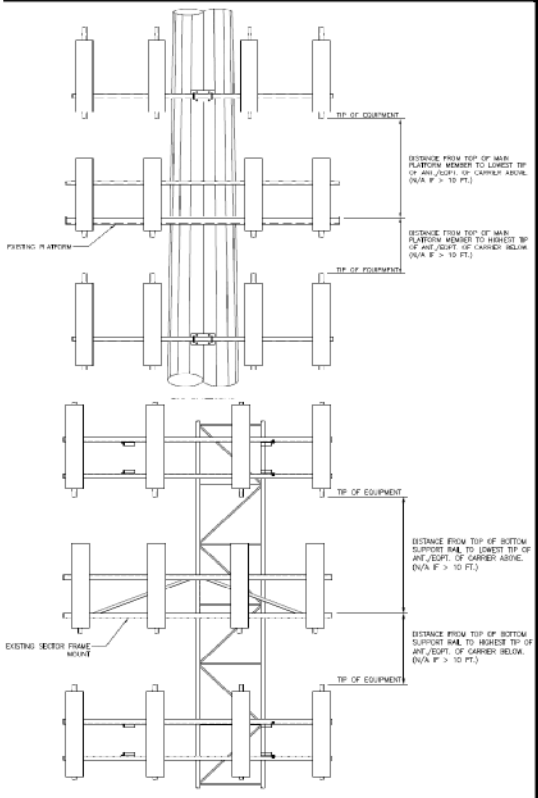
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	PIPE 2" STD. X 72" LONG	42.00	3.00	C1	PIPE 2" STD. X 72" LONG	42.00	3.00
A2	PIPE 2" STD. X 96" LONG	46.00	40.00	C2	PIPE 2" STD. X 96" LONG	46.00	40.00
A3	PIPE 2" STD. X 72" LONG	42.00	75.00	C3	PIPE 2" STD. X 72" LONG	42.00	75.00
A4	PIPE 2" STD. X 72" LONG	42.00	122.00	C4	PIPE 2" STD. X 72" LONG	42.00	122.00
A5	PIPE 2" STD. X 72" LONG	42.00	146.00	C5	PIPE 2" STD. X 72" LONG	42.00	146.00
A6				C6			
B1	PIPE 2" STD. X 72" LONG	42.00	3.00	D1			
B2	PIPE 2" STD. X 96" LONG	46.00	40.00	D2			
B3	PIPE 2" STD. X 72" LONG	42.00	75.00	D3			
B4	PIPE 2" STD. X 72" LONG	42.00	122.00	D4			
B5	PIPE 2" STD. X 72" LONG	42.00	146.00	D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	
Please enter additional infomation or comments below.	
Tower Face Width at Mount Elev. (ft.):	Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.): 28.5

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1c}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	LPA-80080-4CF	14.00	6.00	48.00		120.3	36.00	14.00	75.00	9
Ant_{1c}										
Ant_{2a}	B66a RRH 4X45	12.00	7.00	25.50		122.592	12.50	-7.00		11
Ant_{2b}	(2) SBNHH-1D65B	12.00	7.00	73.00		120.633	36.00	9.00	75.00	10
Ant_{2c}										
Ant_{3a}	B13 RRH4X29	12.00	9.00	21.50		122.383	11.00	-7.00		12
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-171085-12CF	5.00	4.00	72.00		120.3	36.00	7.50	75.00	13
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	LPA-80080-4CF	14.00	6.00	48.00		120.3	36.00	14.00	75.00	14
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	75.00	Deg	Leg A:	Deg
Sector B:	195.00	Deg	Leg B:	Deg
Sector C:	315.00	Deg	Leg C:	Deg
Sector D:		Deg	Leg D:	Deg

Climbing Facility Information			
Location:	210.00	Deg	N/A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	LPA-80080-4CF	14.00	6.00	48.00		120.3	36.00	14.00	195.00	9
Ant_{1c}										
Ant_{2a}	B66a RRH 4X45	12.00	7.00	25.50		122.592	12.50	-7.00		11
Ant_{2b}	(2) SBNHH-1D65B	12.00	7.00	73.00		120.633	36.00	9.00	195.00	10
Ant_{2c}										
Ant_{3a}	B13 RRH4X29	12.00	9.00	21.50		122.383	11.00	-7.00		12
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-171085-12CF	5.00	4.00	72.00		120.3	36.00	7.50	195.00	13
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	LPA-80080-4CF	14.00	6.00	48.00		120.3	36.00	14.00	195.00	14
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	LPA-80080-4CF	14.00	6.00	48.00		120.3	36.00	14.00	315.00	9
Ant_{1c}										
Ant_{2a}	B66a RRH 4X45	12.00	7.00	25.50		122.592	12.50	-7.00		11
Ant_{2b}	(2) SBNHH-1D65B	12.00	7.00	73.00		120.633	36.00	9.00	315.00	10
Ant_{2c}										
Ant_{3a}	B13 RRH4X29	12.00	9.00	21.50		122.383	11.00	-7.00		12
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-171085-12CF	5.00	4.00	72.00		120.3	36.00	7.50	315.00	13
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	LPA-80080-4CF	14.00	6.00	48.00		120.3	36.00	14.00	315.00	14
Ant_{5c}										
Ant on Standoff	RRFDC-6627-PF-48	15.00	10.00	28.00			42.00	6.00		55
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #

1		
2	(6) 1-5/8"Ø COAX, (2) 1-1/4"Ø HYBRID	20-22
3	TOWER INFO: MODEL/JOB#: 07-11088, TOWER HEIGHT: 130/150 FT. MONO, LOCATION: NEW FAIRFIELD, CT	1
4		
5		
6		
7		
8		

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

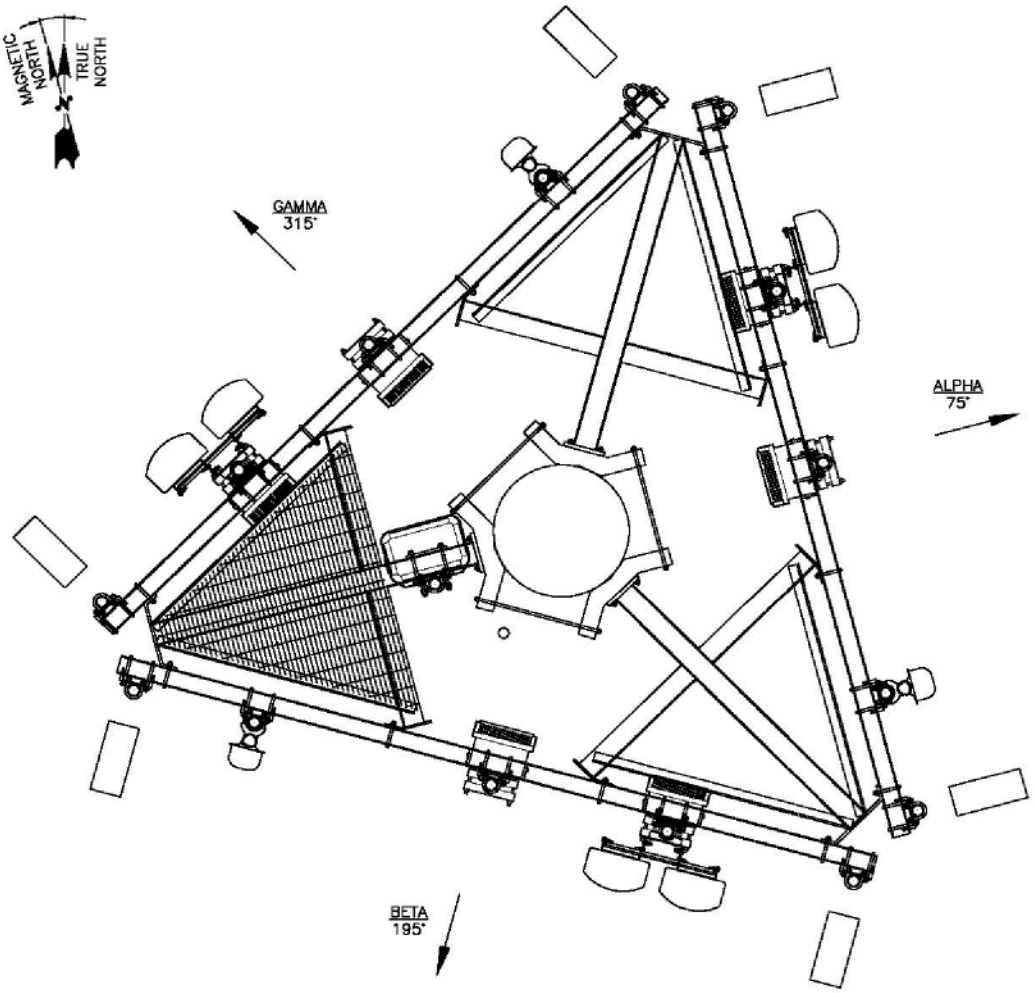
Standard Conditions
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1265077

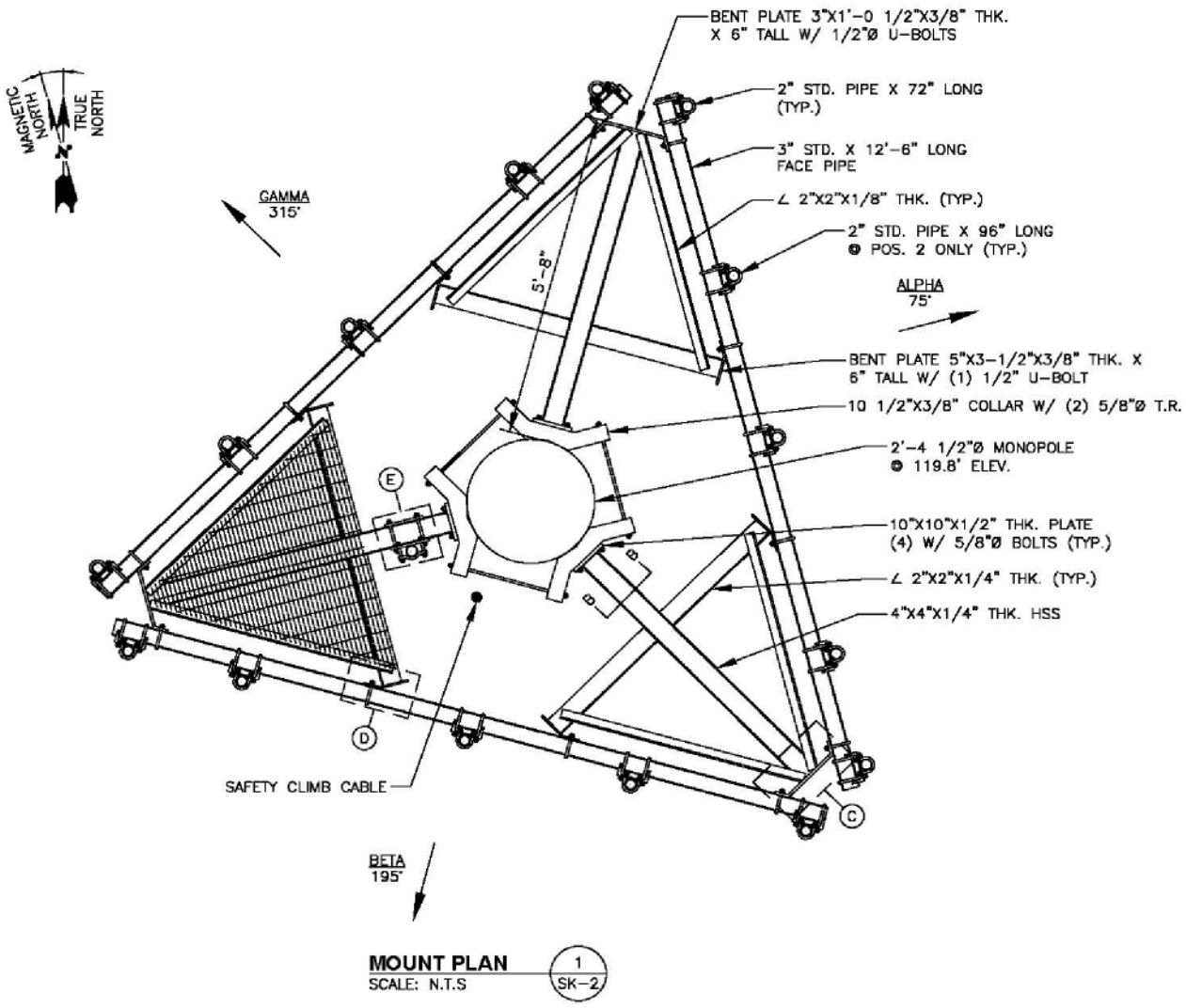
Tower Owner:	SBA	**Mapping Date:**	2/12/2021
Site Name:	Bogus Hill CT	**Tower Type:**	Monopole
Site Number or ID:	467279	**Tower Height (Ft.):**	150
Mapping Contractor:	Hudson Design Group LLC	**Mount Elevation (Ft.):**	119.8

Please Insert Sketches of the Antenna Mount



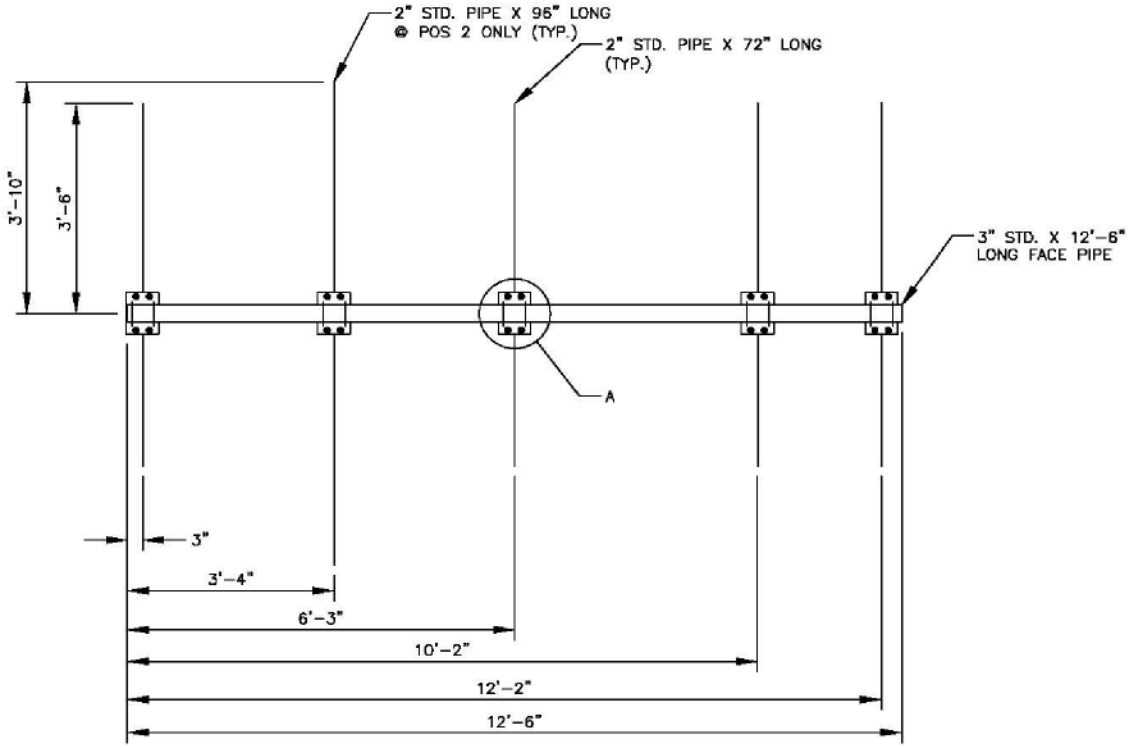
ANTENNA PLAN (1 / SK-1)
SCALE: N.T.S

Please Insert Sketches of the Antenna Mount, cont'd



MOUNT PLAN (1 / SK-2)
SCALE: N.T.S

Please Insert Sketches of the Antenna Mount, cont'd



MOUNT ELEVATION (1 / SK-3)
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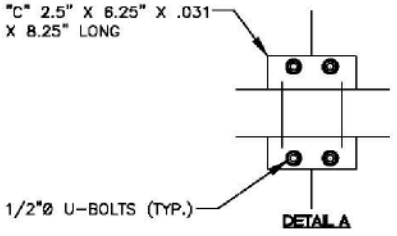
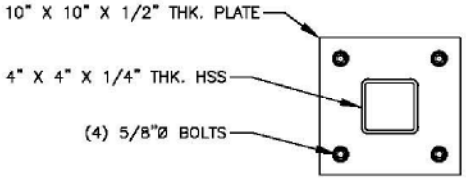
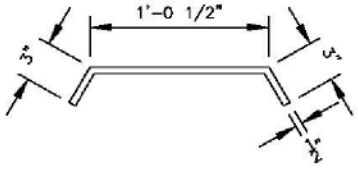


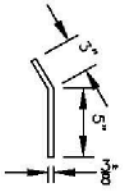
DETAIL A



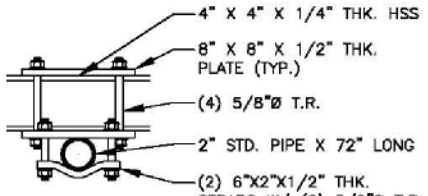
DETAIL B-B



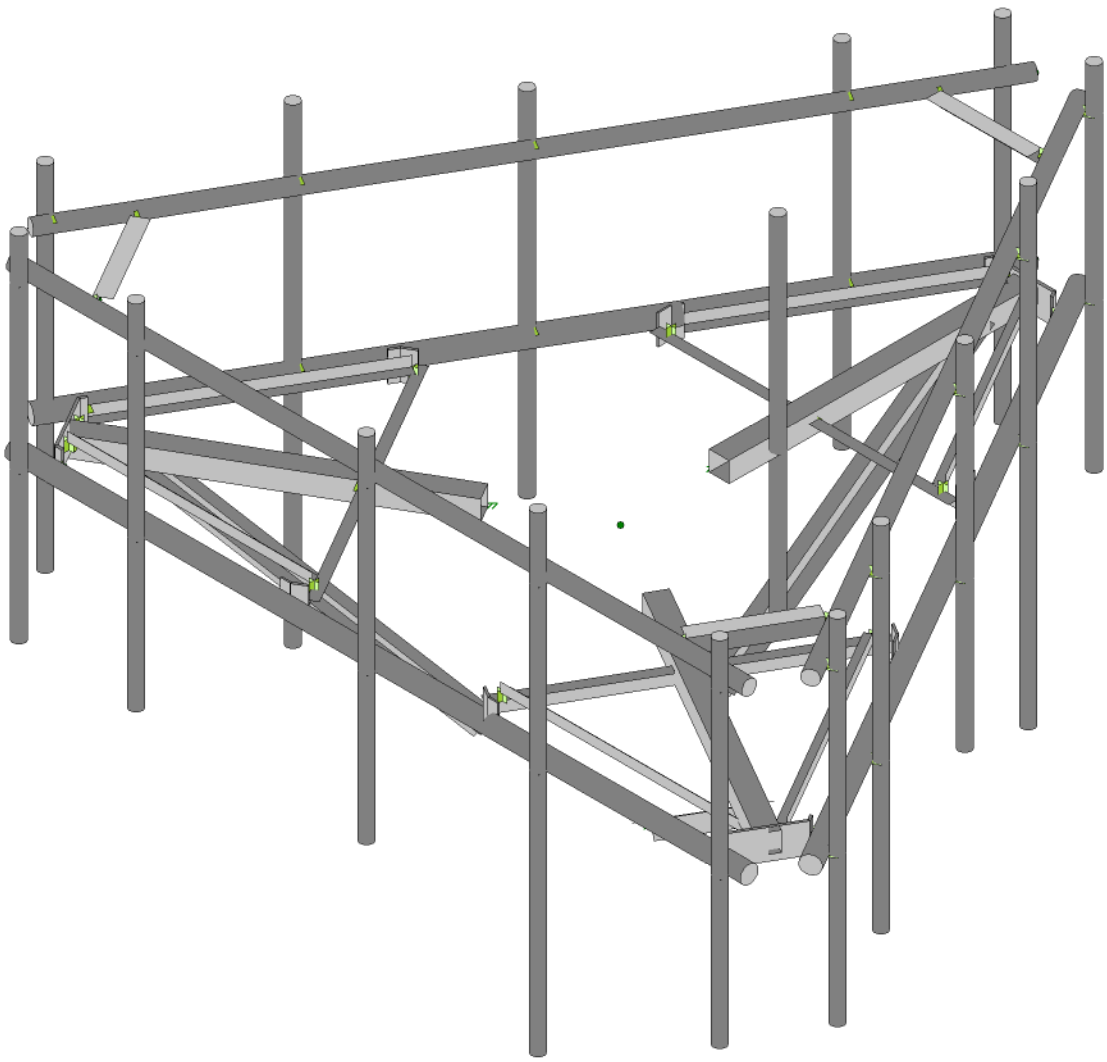
DETAIL C



DETAIL D



DETAIL E-E



Envelope Only Solution

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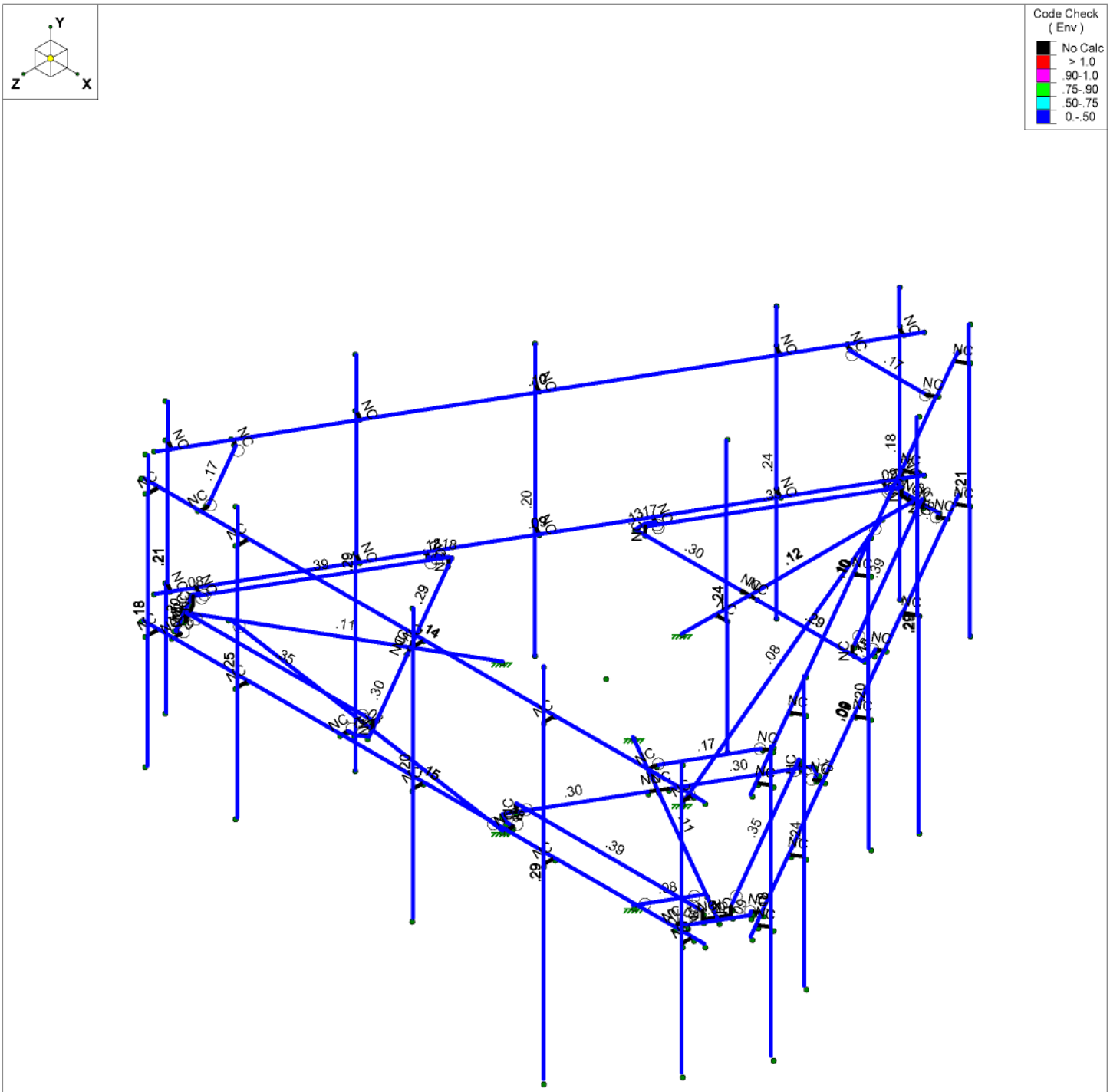
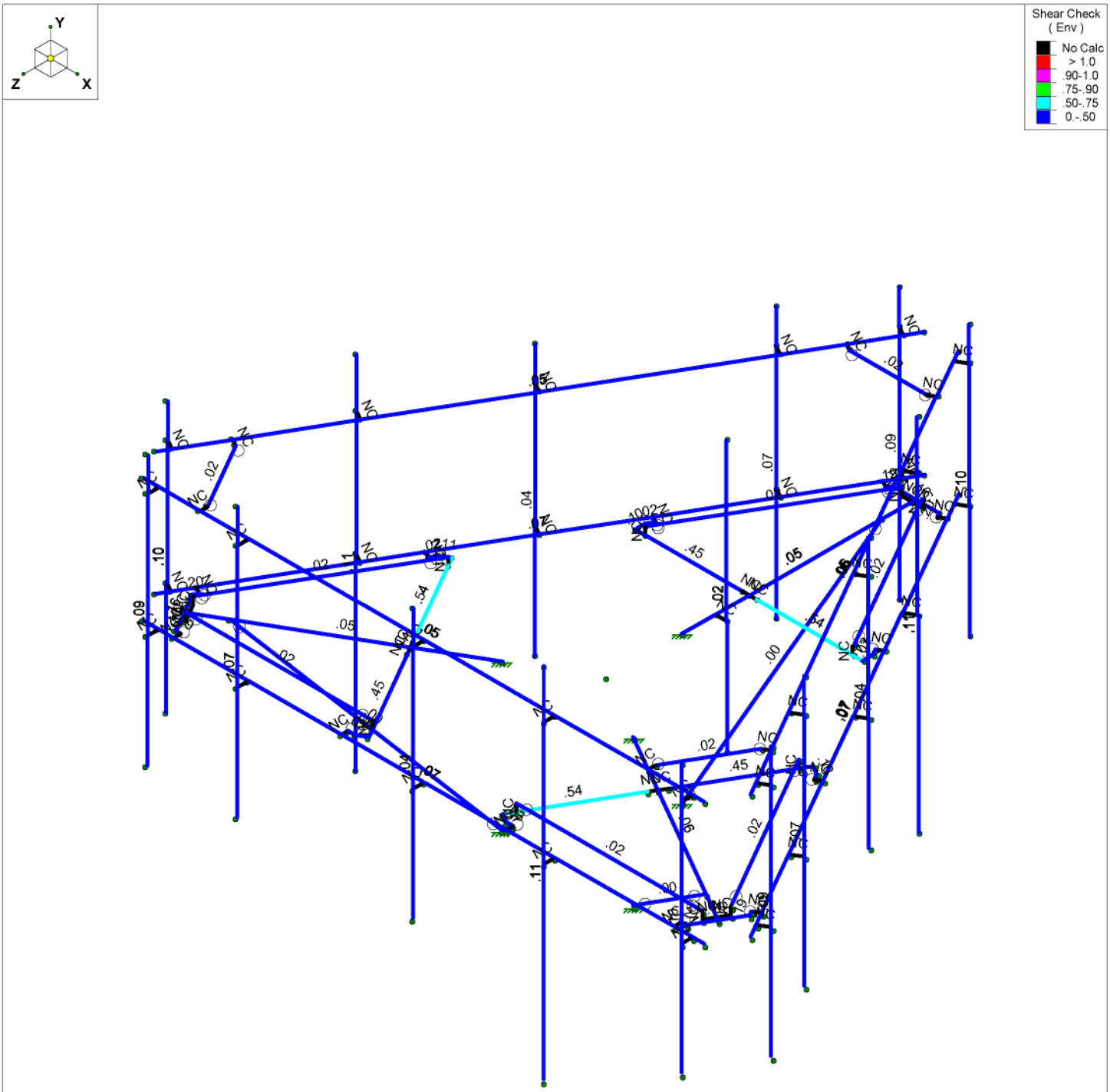
		Apr 28, 2021 at 9:26 AM
		467279-VZW_MT_LO_H - Mod Loa...



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		Apr 28, 2021 at 9:26 AM
		467279-VZW_MT_LO_H - Mod Loa...



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		Apr 28, 2021 at 9:27 AM
		467279-VZW_MT_LO_H - Mod Loa...

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					111			
2	Antenna Di	None					111			
3	Antenna Wo (0 Deg)	None					111			
4	Antenna Wo (30 Deg)	None					111			
5	Antenna Wo (60 Deg)	None					111			
6	Antenna Wo (90 Deg)	None					111			
7	Antenna Wo (120 Deg)	None					111			
8	Antenna Wo (150 Deg)	None					111			
9	Antenna Wo (180 Deg)	None					111			
10	Antenna Wo (210 Deg)	None					111			
11	Antenna Wo (240 Deg)	None					111			
12	Antenna Wo (270 Deg)	None					111			
13	Antenna Wo (300 Deg)	None					111			
14	Antenna Wo (330 Deg)	None					111			
15	Antenna Wi (0 Deg)	None					111			
16	Antenna Wi (30 Deg)	None					111			
17	Antenna Wi (60 Deg)	None					111			
18	Antenna Wi (90 Deg)	None					111			
19	Antenna Wi (120 Deg)	None					111			
20	Antenna Wi (150 Deg)	None					111			
21	Antenna Wi (180 Deg)	None					111			
22	Antenna Wi (210 Deg)	None					111			
23	Antenna Wi (240 Deg)	None					111			
24	Antenna Wi (270 Deg)	None					111			
25	Antenna Wi (300 Deg)	None					111			
26	Antenna Wi (330 Deg)	None					111			
27	Antenna Wm (0 Deg)	None					111			
28	Antenna Wm (30 Deg)	None					111			
29	Antenna Wm (60 Deg)	None					111			
30	Antenna Wm (90 Deg)	None					111			
31	Antenna Wm (120 De...	None					111			
32	Antenna Wm (150 De...	None					111			
33	Antenna Wm (180 De...	None					111			
34	Antenna Wm (210 De...	None					111			
35	Antenna Wm (240 De...	None					111			
36	Antenna Wm (270 De...	None					111			
37	Antenna Wm (300 De...	None					111			
38	Antenna Wm (330 De...	None					111			
39	Structure D	None		-1					3	
40	Structure Di	None						64	3	
41	Structure Wo (0 Deg)	None						128		
42	Structure Wo (30 Deg)	None						128		
43	Structure Wo (60 Deg)	None						128		
44	Structure Wo (90 Deg)	None						128		
45	Structure Wo (120 D...	None						128		
46	Structure Wo (150 D...	None						128		
47	Structure Wo (180 D...	None						128		
48	Structure Wo (210 D...	None						128		
49	Structure Wo (240 D...	None						128		
50	Structure Wo (270 D...	None						128		
51	Structure Wo (300 D...	None						128		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
52	Structure Wo (330 D...	None						128		
53	Structure Wi (0 Deg)	None						128		
54	Structure Wi (30 Deg)	None						128		
55	Structure Wi (60 Deg)	None						128		
56	Structure Wi (90 Deg)	None						128		
57	Structure Wi (120 De...	None						128		
58	Structure Wi (150 De...	None						128		
59	Structure Wi (180 De...	None						128		
60	Structure Wi (210 De...	None						128		
61	Structure Wi (240 De...	None						128		
62	Structure Wi (270 De...	None						128		
63	Structure Wi (300 De...	None						128		
64	Structure Wi (330 De...	None						128		
65	Structure Wm (0 Deg)	None						128		
66	Structure Wm (30 D...	None						128		
67	Structure Wm (60 D...	None						128		
68	Structure Wm (90 D...	None						128		
69	Structure Wm (120 ...	None						128		
70	Structure Wm (150 ...	None						128		
71	Structure Wm (180 ...	None						128		
72	Structure Wm (210 ...	None						128		
73	Structure Wm (240 ...	None						128		
74	Structure Wm (270 ...	None						128		
75	Structure Wm (300 ...	None						128		
76	Structure Wm (330 ...	None						128		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						30		
82	BLC 40 Transient Are...	None						30		

Load Combinations

	Description	Solve	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.2D+1.0Wo (0...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (3...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (6...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (9...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (1...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (1...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (1...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (2...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (2...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (2...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (3...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (3...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								

Load Combinations (Continued)

	Description	Solve	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
17	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866										
55	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5										
62	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	0	4.050123	0	
2	N2	-6.25	0	4.050123	0	
3	N3	0	0	-1.687533	0	
4	N5	-2.541667	0	-3.187533	0	
5	N6	2.315104	0.166667	-3.187533	0	
6	N7	-2.315104	0.166667	-3.187533	0	
7	N8	5.999667	0	4.050123	0	
8	N9	5.999667	0	4.300123	0	
9	N10	-3.917	0	4.050123	0	
10	N11	-3.917	0	4.300123	0	
11	N12	2.916333	0	4.050123	0	
12	N13	2.916333	0	4.300123	0	
13	N14	0	0	4.050123	0	
14	N15	0	0	4.300123	0	
15	N16	0	-2.5	4.300123	0	
16	N17	0	3.5	4.300123	0	
17	N18	-3.917	-2.5	4.300123	0	
18	N19	-3.917	3.5	4.300123	0	
19	N20	2.916333	-4.167	4.300123	0	
20	N21	2.916333	3.833	4.300123	0	
21	N22	5.999667	-2.5	4.300123	0	
22	N23	5.999667	3.5	4.300123	0	
23	N24	0	0	-3.187533	0	
24	N27	0	0	-6.875033	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-3.187533	0	
27	N30	-2.315104	0	-3.187533	0	
28	N101	2.541667	0	-3.187533	0	
29	N102	-0.166667	0	-3.187533	0	
30	N103A	0.166667	0	-3.187533	0	
31	N104A	-2.541667	0	-3.406283	0	
32	N105	2.541667	0	-3.406283	0	
33	N131	2.458333	0	-3.550621	0	
34	N135	0.571615	0	-6.778057	0	
35	N144	-2.458333	0	-3.550621	0	
36	N148	-0.571615	0	-6.778057	0	
37	N86A	2.584629	0	-3.623538	0	
38	N86B	-2.584629	0	-3.623538	0	
39	N86C	-0.515625	0	-6.875033	0	
40	N87A	0.515625	0	-6.875033	0	
41	N86D	0.715429	0	-6.861088	0	
42	N86E	-0.715429	0	-6.861088	0	
43	N88A	0	0	-6.7917	0	
44	N87C	0.234238	0.166667	-6.7917	0	
45	N86G	0.234238	0	-6.7917	0	
46	N87B	-0.234238	0.166667	-6.7917	0	
47	N88C	-0.234238	0	-6.7917	0	
48	N52	-1.461447	0	0.843767	0	
49	N53	-1.489652	0	3.794915	0	
50	N54	-3.918037	0.166667	-0.411172	0	
51	N55	-1.602933	0.166667	3.598706	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N56	-2.760485	0	1.593767	0	
53	N57	-5.953954	0	3.437517	0	
54	N59	-3.918037	0	-0.411172	0	
55	N60	-1.602933	0	3.598706	0	
56	N61	-4.031318	0	-0.607381	0	
57	N62	-2.677152	0	1.738104	0	
58	N63	-2.843818	0	1.449429	0	
59	N64	-1.679095	0	3.90429	0	
60	N65	-4.220761	0	-0.498006	0	
61	N66	-4.304095	0	-0.353669	0	
62	N67	-6.155776	0	2.893996	0	
63	N68	-1.845761	0	3.90429	0	
64	N69	-5.584162	0	3.884061	0	
65	N70	-4.43039	0	-0.426585	0	
66	N71	-1.845761	0	4.050123	0	
67	N72	-5.696141	0	3.884061	0	
68	N73	-6.211766	0	2.990972	0	
69	N74	-6.299591	0	2.810964	0	
70	N75	-5.584162	0	4.050123	0	
71	N76	-5.881785	0	3.39585	0	
72	N77	-5.998904	0.166667	3.192994	0	
73	N78	-5.998904	0	3.192994	0	
74	N79	-5.764666	0.166667	3.598706	0	
75	N80	-5.764666	0	3.598706	0	
76	N81	1.461447	0	0.843767	0	
77	N82	4.031318	0	-0.607381	0	
78	N83	1.602933	0.166667	3.598706	0	
79	N84	3.918037	0.166667	-0.411172	0	
80	N85	2.760485	0	1.593767	0	
81	N86	5.953954	0	3.437517	0	
82	N88	1.602933	0	3.598706	0	
83	N89	3.918037	0	-0.411172	0	
84	N90	1.489652	0	3.794915	0	
85	N91	2.843818	0	1.449429	0	
86	N92	2.677152	0	1.738104	0	
87	N93	4.220761	0	-0.498006	0	
88	N94	1.679095	0	3.90429	0	
89	N95	1.845761	0	3.90429	0	
90	N96	5.584162	0	3.884061	0	
91	N97	4.304095	0	-0.353669	0	
92	N98	6.155776	0	2.893996	0	
93	N99	1.845761	0	4.050123	0	
94	N100	4.43039	0	-0.426586	0	
95	N101A	6.211766	0	2.990972	0	
96	N102A	5.696141	0	3.884061	0	
97	N103	5.584162	0	4.050123	0	
98	N104	6.299591	0	2.810964	0	
99	N105A	5.881785	0	3.39585	0	
100	N106	5.764666	0.166667	3.598706	0	
101	N107	5.764666	0	3.598706	0	
102	N108	5.998904	0.166667	3.192994	0	
103	N109	5.998904	0	3.192994	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
104	N104B	0.38251	0	-7.43772	0	
105	N105B	6.63251	0	3.387597	0	
106	N107A	-6.63251	0	3.387597	0	
107	N108A	-0.38251	0	-7.43772	0	
108	N108B	-5.917	0	4.050123	0	
109	N109A	-5.917	0	4.300123	0	
110	N110	-5.917	-2.5	4.300123	0	
111	N111	-5.917	3.5	4.300123	0	
112	N112	0.507676	0	-7.220925	0	
113	N113	0.724183	0	-7.345925	0	
114	N114	5.46601	0	1.36716	0	
115	N115	5.682516	0	1.24216	0	
116	N116	2.049343	0	-4.55068	0	
117	N117	2.265849	0	-4.67568	0	
118	N118	3.50751	0	-2.025062	0	
119	N119	3.724016	0	-2.150062	0	
120	N120	3.724016	-2.5	-2.150062	0	
121	N121	3.724016	3.5	-2.150062	0	
122	N122	5.682516	-2.5	1.24216	0	
123	N123	5.682516	3.5	1.24216	0	
124	N124	2.265849	-4.167	-4.67568	0	
125	N125	2.265849	3.833	-4.67568	0	
126	N126	0.724183	-2.5	-7.345925	0	
127	N127	0.724183	3.5	-7.345925	0	
128	N129	6.46601	0	3.099211	0	
129	N130	6.682516	0	2.974211	0	
130	N131A	6.682516	-2.5	2.974211	0	
131	N132	6.682516	3.5	2.974211	0	
132	N133	-6.507343	0	3.170802	0	
133	N134	-6.723849	0	3.045802	0	
134	N135A	-1.54901	0	-5.417283	0	
135	N136	-1.765516	0	-5.542283	0	
136	N137	-4.965676	0	0.500557	0	
137	N138	-5.182183	0	0.375557	0	
138	N139	-3.50751	0	-2.025062	0	
139	N140	-3.724016	0	-2.150062	0	
140	N141	-3.724016	-2.5	-2.150062	0	
141	N142	-3.724016	3.5	-2.150062	0	
142	N143	-1.765516	-2.5	-5.542283	0	
143	N144A	-1.765516	3.5	-5.542283	0	
144	N145	-5.182183	-4.167	0.375557	0	
145	N146	-5.182183	3.833	0.375557	0	
146	N147	-6.723849	-2.5	3.045802	0	
147	N148A	-6.723849	3.5	3.045802	0	
148	N150	-0.54901	0	-7.149334	0	
149	N151	-0.765516	0	-7.274334	0	
150	N152	-0.765516	-2.5	-7.274334	0	
151	N153	-0.765516	3.5	-7.274334	0	
152	N152A	-0.	0	-2.437533	0	
153	N153A	0.25	0	-2.437533	0	
154	N154	0.25	3.5	-2.437533	0	
155	N155	0.25	-2.5	-2.437533	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
156	N156	-6.63251	2.75	3.387597	0	
157	N157	-0.38251	2.75	-7.43772	0	
158	N158	-6.507343	2.75	3.170802	0	
159	N159	-6.723849	2.75	3.045802	0	
160	N160	-1.54901	2.75	-5.417283	0	
161	N161	-1.765516	2.75	-5.542283	0	
162	N162	-4.965676	2.75	0.500557	0	
163	N163	-5.182183	2.75	0.375557	0	
164	N164	-3.50751	2.75	-2.025062	0	
165	N165	-3.724016	2.75	-2.150062	0	
166	N166	-0.54901	2.75	-7.149334	0	
167	N167	-0.765516	2.75	-7.274334	0	
168	N169	6.25	2.75	4.050123	0	
169	N170	-6.25	2.75	4.050123	0	
170	N171	5.999667	2.75	4.050123	0	
171	N172	5.999667	2.75	4.300123	0	
172	N173	-3.917	2.75	4.050123	0	
173	N174	-3.917	2.75	4.300123	0	
174	N175	2.916333	2.75	4.050123	0	
175	N176	2.916333	2.75	4.300123	0	
176	N177	0.	2.75	4.050123	0	
177	N178	0.	2.75	4.300123	0	
178	N179	-5.917	2.75	4.050123	0	
179	N180	-5.917	2.75	4.300123	0	
180	N182	0.38251	2.75	-7.43772	0	
181	N183	6.63251	2.75	3.387597	0	
182	N184	0.507676	2.75	-7.220925	0	
183	N185	0.724183	2.75	-7.345925	0	
184	N186	5.46601	2.75	1.36716	0	
185	N187	5.682516	2.75	1.24216	0	
186	N188	2.049343	2.75	-4.55068	0	
187	N189	2.265849	2.75	-4.67568	0	
188	N190	3.50751	2.75	-2.025062	0	
189	N191	3.724016	2.75	-2.150062	0	
190	N192	6.46601	2.75	3.099211	0	
191	N193	6.682516	2.75	2.974211	0	
192	N192A	-5	2.75	4.050123	0	
193	N193A	5	2.75	4.050123	0	
194	N194	-5	2.75	3.883123	0	
195	N195	5	2.75	3.883123	0	
196	N197	6.00751	2.75	2.305065	0	
197	N198	1.00751	2.75	-6.355189	0	
198	N199	5.862883	2.75	2.388565	0	
199	N200	0.862883	2.75	-6.271689	0	
200	N202	-1.00751	2.75	-6.355189	0	
201	N203	-6.00751	2.75	2.305065	0	
202	N204	-0.862883	2.75	-6.271689	0	
203	N205	-5.862883	2.75	2.388565	0	
204	N204A	0	-3.25	-1.687533	0	
205	N205A	0	0	-6.125033	0	
206	N207	-1.461447	-3.25	0.843767	0	
207	N208	-5.304434	0	3.062517	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
208	N210	1.461447	-3.25	0.843767	0	
209	N211	5.304434	0	3.062517	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rul...	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 Crossmem...	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
5	Grating Support	L2x2x2	Beam	Single Angle	A36 Gr.36	Typical	.491	.189	.189	.003
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Mod Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail Connec...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
10	Mod Kicker	LL3x3x3x6	Column	Single Angle	A36 Gr.36	Typical	2.18	4.97	1.9	.027

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N1			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	M20	N10	N11			RIGID	None	None	RIGID	Typical
6	M21	N12	N13			RIGID	None	None	RIGID	Typical
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2A	N21	N20			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	M43	N102	N5		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	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

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
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	M34	N52	N57			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
35	M35	N61	N63		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
36	M36	N62	N53		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
37	M37	N72	N73			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M38	N55	N60			RIGID	None	None	RIGID	Typical
39	M39	N54	N59			RIGID	None	None	RIGID	Typical
40	M40	N77	N54			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M41	N55	N79			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M42	N79	N80			RIGID	None	None	RIGID	Typical
43	M43A	N62	N56			RIGID	None	None	RIGID	Typical
44	M44	N56	N63			RIGID	None	None	RIGID	Typical
45	M45	N61	N65			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M46A	N65	N66			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M47	N66	N70			RIGID	None	None	RIGID	Typical
48	M48	N73	N67			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M49	N67	N74			RIGID	None	None	RIGID	Typical
50	M50A	N53	N64			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M51C	N64	N68			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
52	M52A	N68	N71			RIGID	None	None	RIGID	Typical
53	M53	N72	N69			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M54	N69	N75			RIGID	None	None	RIGID	Typical
55	M55	N80	N76			RIGID	None	None	RIGID	Typical
56	M56	N76	N78			RIGID	None	None	RIGID	Typical
57	M57	N77	N78			RIGID	None	None	RIGID	Typical
58	M58A	N81	N86			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
59	M59A	N90	N92		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
60	M60	N91	N82		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
61	M61	N101A	N102A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M62	N84	N89			RIGID	None	None	RIGID	Typical
63	M63	N83	N88			RIGID	None	None	RIGID	Typical
64	M64	N106	N83			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M65	N84	N108			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M66	N108	N109			RIGID	None	None	RIGID	Typical
67	M67	N91	N85			RIGID	None	None	RIGID	Typical
68	M68	N85	N92			RIGID	None	None	RIGID	Typical
69	M69	N90	N94			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M70	N94	N95			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
71	M71	N95	N99			RIGID	None	None	RIGID	Typical
72	M72	N102A	N96			Corner Plate	Beam	BAR	A36 Gr.36	Typical
73	M73	N96	N103			RIGID	None	None	RIGID	Typical
74	M74	N82	N93			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
75	M75	N93	N97			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M76A	N97	N100			RIGID	None	None	RIGID	Typical
77	M77A	N101A	N98			Corner Plate	Beam	BAR	A36 Gr.36	Typical
78	M78	N98	N104			RIGID	None	None	RIGID	Typical
79	M79A	N109	N105A			RIGID	None	None	RIGID	Typical
80	M80A	N105A	N107			RIGID	None	None	RIGID	Typical
81	M81	N106	N107			RIGID	None	None	RIGID	Typical
82	M82	N104B	N105B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
83	M83A	N107A	N108A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
84	M84A	N108B	N109A			RIGID	None	None	RIGID	Typical
85	MP5A	N111	N110			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	M86	N112	N113			RIGID	None	None	RIGID	Typical
87	M87	N114	N115			RIGID	None	None	RIGID	Typical
88	M88A	N116	N117			RIGID	None	None	RIGID	Typical
89	M89	N118	N119			RIGID	None	None	RIGID	Typical
90	MP3C	N121	N120			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP4C	N123	N122			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	MP2C	N125	N124			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
93	MP1C	N127	N126			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M94	N129	N130			RIGID	None	None	RIGID	Typical
95	MP5C	N132	N131A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	M96	N133	N134			RIGID	None	None	RIGID	Typical
97	M97	N135A	N136			RIGID	None	None	RIGID	Typical
98	M98	N137	N138			RIGID	None	None	RIGID	Typical
99	M99	N139	N140			RIGID	None	None	RIGID	Typical
100	MP3B	N142	N141			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
101	MP4B	N144A	N143			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	MP2B	N146	N145			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	MP1B	N148A	N147			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
104	M104	N150	N151			RIGID	None	None	RIGID	Typical
105	MP5B	N153	N152			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
106	M106	N152A	N153A			RIGID	None	None	RIGID	Typical
107	OVP	N154	N155			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	M108	N156	N157			Mod Support ...	Beam	Pipe	A53 Gr.B	Typical
109	M109	N158	N159			RIGID	None	None	RIGID	Typical
110	M110	N160	N161			RIGID	None	None	RIGID	Typical
111	M111	N162	N163			RIGID	None	None	RIGID	Typical
112	M112	N164	N165			RIGID	None	None	RIGID	Typical
113	M113	N166	N167			RIGID	None	None	RIGID	Typical
114	M114	N169	N170			Mod Support ...	Beam	Pipe	A53 Gr.B	Typical
115	M115	N171	N172			RIGID	None	None	RIGID	Typical
116	M116	N173	N174			RIGID	None	None	RIGID	Typical
117	M117	N175	N176			RIGID	None	None	RIGID	Typical
118	M118	N177	N178			RIGID	None	None	RIGID	Typical
119	M119	N179	N180			RIGID	None	None	RIGID	Typical
120	M120	N182	N183			Mod Support ...	Beam	Pipe	A53 Gr.B	Typical
121	M121	N184	N185			RIGID	None	None	RIGID	Typical
122	M122	N186	N187			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
123	M123	N188	N189			RIGID	None	None	RIGID	Typical
124	M124	N190	N191			RIGID	None	None	RIGID	Typical
125	M125	N192	N193			RIGID	None	None	RIGID	Typical
126	M126	N195	N193A			RIGID	None	None	RIGID	Typical
127	M127	N194	N192A			RIGID	None	None	RIGID	Typical
128	M128	N200	N198			RIGID	None	None	RIGID	Typical
129	M129	N199	N197			RIGID	None	None	RIGID	Typical
130	M130	N205	N203			RIGID	None	None	RIGID	Typical
131	M131	N204	N202			RIGID	None	None	RIGID	Typical
132	M132	N194	N205		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
133	M133	N199	N195		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
134	M134	N204	N200		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
135	M135	N205A	N204A			Mod Kicker	Column	Single Angle	A36 Gr.36	Typical
136	M136	N208	N207			Mod Kicker	Column	Single Angle	A36 Gr.36	Typical
137	M137	N211	N210			Mod Kicker	Column	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	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

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
33	M51A						Yes	** NA **			None
34	M34						Yes				None
35	M35						Yes	Default			None
36	M36						Yes	Default			None
37	M37						Yes	Default			None
38	M38						Yes	** NA **			None
39	M39						Yes	** NA **			None
40	M40	OOOOOX	OOOOOX				Yes	Default			None
41	M41	OOOOOX	OOOOOX				Yes	Default			None
42	M42						Yes	** NA **			None
43	M43A						Yes	** NA **			None
44	M44						Yes	** NA **			None
45	M45						Yes	** NA **			None
46	M46A						Yes	** NA **			None
47	M47		BenPIN				Yes	** NA **			None
48	M48						Yes				None
49	M49		BenPIN				Yes	** NA **			None
50	M50A						Yes	** NA **			None
51	M51C						Yes	** NA **			None
52	M52A		BenPIN				Yes	** NA **			None
53	M53						Yes				None
54	M54		BenPIN				Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56						Yes	** NA **			None
57	M57						Yes	** NA **			None
58	M58A						Yes				None
59	M59A						Yes	Default			None
60	M60						Yes	Default			None
61	M61						Yes	Default			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64	OOOOOX	OOOOOX				Yes	Default			None
65	M65	OOOOOX	OOOOOX				Yes	Default			None
66	M66						Yes	** NA **			None
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71		BenPIN				Yes	** NA **			None
72	M72						Yes				None
73	M73		BenPIN				Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76A		BenPIN				Yes	** NA **			None
77	M77A						Yes				None
78	M78		BenPIN				Yes	** NA **			None
79	M79A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	M82						Yes	Default			None
83	M83A						Yes	Default			None
84	M84A						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...
85	MP5A						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	M87						Yes	** NA **			None
88	M88A						Yes	** NA **			None
89	M89						Yes	** NA **			None
90	MP3C						Yes	** NA **			None
91	MP4C						Yes	** NA **			None
92	MP2C						Yes	** NA **			None
93	MP1C						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	MP5C						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	MP3B						Yes	** NA **			None
101	MP4B						Yes	** NA **			None
102	MP2B						Yes	** NA **			None
103	MP1B						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	MP5B						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	OVP						Yes	** NA **			None
108	M108						Yes	Default			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	Default			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	M119						Yes	** NA **			None
120	M120						Yes	Default			None
121	M121						Yes	** NA **			None
122	M122						Yes	** NA **			None
123	M123						Yes	** NA **			None
124	M124						Yes	** NA **			None
125	M125						Yes	** NA **			None
126	M126		OOOOOO				Yes	** NA **			None
127	M127		OOOOOO				Yes	** NA **			None
128	M128		OOOOOO				Yes	** NA **			None
129	M129		OOOOOO				Yes	** NA **			None
130	M130		OOOOOO				Yes	** NA **			None
131	M131		OOOOOO				Yes	** NA **			None
132	M132						Yes				None
133	M133						Yes				None
134	M134						Yes				None
135	M135	BenPIN	BenPIN				Yes	** NA **			None
136	M136	BenPIN	BenPIN				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
137	M137	BenPIN	BenPIN				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	-.022	2
3	MP4A	Mz	0	2
4	MP4A	Y	-43.55	4
5	MP4A	My	-.022	4
6	MP4A	Mz	0	4
7	MP4B	Y	-43.55	2
8	MP4B	My	.011	2
9	MP4B	Mz	-.019	2
10	MP4B	Y	-43.55	4
11	MP4B	My	.011	4
12	MP4B	Mz	-.019	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	MP3A	Y	-84.4	.75
20	MP3A	My	.042	.75
21	MP3A	Mz	0	.75
22	MP3B	Y	-84.4	.75
23	MP3B	My	-.021	.75
24	MP3B	Mz	.037	.75
25	MP3C	Y	-84.4	.75
26	MP3C	My	-.021	.75
27	MP3C	Mz	-.037	.75
28	MP3A	Y	-70.3	2.75
29	MP3A	My	.035	2.75
30	MP3A	Mz	0	2.75
31	MP3B	Y	-70.3	2.75
32	MP3B	My	-.018	2.75
33	MP3B	Mz	.03	2.75
34	MP3C	Y	-70.3	2.75
35	MP3C	My	-.018	2.75
36	MP3C	Mz	-.03	2.75
37	MP2A	Y	-20	1.33
38	MP2A	My	-.015	1.33
39	MP2A	Mz	.012	1.33
40	MP2A	Y	-20	5.33
41	MP2A	My	-.015	5.33
42	MP2A	Mz	.012	5.33
43	MP2B	Y	-20	1.33
44	MP2B	My	-.003	1.33
45	MP2B	Mz	-.019	1.33
46	MP2B	Y	-20	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP2B	My	-.003	5.33
48	MP2B	Mz	-.019	5.33
49	MP2C	Y	-20	1.33
50	MP2C	My	.018	1.33
51	MP2C	Mz	.007	1.33
52	MP2C	Y	-20	5.33
53	MP2C	My	.018	5.33
54	MP2C	Mz	.007	5.33
55	MP2A	Y	-20	1.33
56	MP2A	My	-.015	1.33
57	MP2A	Mz	-.012	1.33
58	MP2A	Y	-20	5.33
59	MP2A	My	-.015	5.33
60	MP2A	Mz	-.012	5.33
61	MP2B	Y	-20	1.33
62	MP2B	My	.018	1.33
63	MP2B	Mz	-.007	1.33
64	MP2B	Y	-20	5.33
65	MP2B	My	.018	5.33
66	MP2B	Mz	-.007	5.33
67	MP2C	Y	-20	1.33
68	MP2C	My	-.003	1.33
69	MP2C	Mz	.019	1.33
70	MP2C	Y	-20	5.33
71	MP2C	My	-.003	5.33
72	MP2C	Mz	.019	5.33
73	MP1A	Y	-6	1.5
74	MP1A	My	-.007	1.5
75	MP1A	Mz	0	1.5
76	MP1A	Y	-6	4.5
77	MP1A	My	-.007	4.5
78	MP1A	Mz	0	4.5
79	MP1B	Y	-6	1.5
80	MP1B	My	.004	1.5
81	MP1B	Mz	-.006	1.5
82	MP1B	Y	-6	4.5
83	MP1B	My	.004	4.5
84	MP1B	Mz	-.006	4.5
85	MP1C	Y	-6	1.5
86	MP1C	My	.004	1.5
87	MP1C	Mz	.006	1.5
88	MP1C	Y	-6	4.5
89	MP1C	My	.004	4.5
90	MP1C	Mz	.006	4.5
91	MP5A	Y	-6	1.5
92	MP5A	My	-.007	1.5
93	MP5A	Mz	0	1.5
94	MP5A	Y	-6	4.5
95	MP5A	My	-.007	4.5
96	MP5A	Mz	0	4.5
97	MP5B	Y	-6	1.5
98	MP5B	My	.004	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP5B	Mz	-.006	1.5
100	MP5B	Y	-6	4.5
101	MP5B	My	.004	4.5
102	MP5B	Mz	-.006	4.5
103	MP5C	Y	-6	1.5
104	MP5C	My	.004	1.5
105	MP5C	Mz	.006	1.5
106	MP5C	Y	-6	4.5
107	MP5C	My	.004	4.5
108	MP5C	Mz	.006	4.5
109	OVP	Y	-32	.75
110	OVP	My	0	.75
111	OVP	Mz	0	.75

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-35.058	2
2	MP4A	My	-.018	2
3	MP4A	Mz	0	2
4	MP4A	Y	-35.058	4
5	MP4A	My	-.018	4
6	MP4A	Mz	0	4
7	MP4B	Y	-35.058	2
8	MP4B	My	.009	2
9	MP4B	Mz	-.015	2
10	MP4B	Y	-35.058	4
11	MP4B	My	.009	4
12	MP4B	Mz	-.015	4
13	MP4C	Y	-35.058	2
14	MP4C	My	.009	2
15	MP4C	Mz	.015	2
16	MP4C	Y	-35.058	4
17	MP4C	My	.009	4
18	MP4C	Mz	.015	4
19	MP3A	Y	-44.189	.75
20	MP3A	My	.022	.75
21	MP3A	Mz	0	.75
22	MP3B	Y	-44.189	.75
23	MP3B	My	-.011	.75
24	MP3B	Mz	.019	.75
25	MP3C	Y	-44.189	.75
26	MP3C	My	-.011	.75
27	MP3C	Mz	-.019	.75
28	MP3A	Y	-39.735	2.75
29	MP3A	My	.02	2.75
30	MP3A	Mz	0	2.75
31	MP3B	Y	-39.735	2.75
32	MP3B	My	-.01	2.75
33	MP3B	Mz	.017	2.75
34	MP3C	Y	-39.735	2.75
35	MP3C	My	-.01	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mz	-.017	2.75
37	MP2A	Y	-60.115	1.33
38	MP2A	My	-.045	1.33
39	MP2A	Mz	.035	1.33
40	MP2A	Y	-60.115	5.33
41	MP2A	My	-.045	5.33
42	MP2A	Mz	.035	5.33
43	MP2B	Y	-60.115	1.33
44	MP2B	My	-.008	1.33
45	MP2B	Mz	-.057	1.33
46	MP2B	Y	-60.115	5.33
47	MP2B	My	-.008	5.33
48	MP2B	Mz	-.057	5.33
49	MP2C	Y	-60.115	1.33
50	MP2C	My	.053	1.33
51	MP2C	Mz	.022	1.33
52	MP2C	Y	-60.115	5.33
53	MP2C	My	.053	5.33
54	MP2C	Mz	.022	5.33
55	MP2A	Y	-60.115	1.33
56	MP2A	My	-.045	1.33
57	MP2A	Mz	-.035	1.33
58	MP2A	Y	-60.115	5.33
59	MP2A	My	-.045	5.33
60	MP2A	Mz	-.035	5.33
61	MP2B	Y	-60.115	1.33
62	MP2B	My	.053	1.33
63	MP2B	Mz	-.022	1.33
64	MP2B	Y	-60.115	5.33
65	MP2B	My	.053	5.33
66	MP2B	Mz	-.022	5.33
67	MP2C	Y	-60.115	1.33
68	MP2C	My	-.008	1.33
69	MP2C	Mz	.057	1.33
70	MP2C	Y	-60.115	5.33
71	MP2C	My	-.008	5.33
72	MP2C	Mz	.057	5.33
73	MP1A	Y	-39.666	1.5
74	MP1A	My	-.046	1.5
75	MP1A	Mz	0	1.5
76	MP1A	Y	-39.666	4.5
77	MP1A	My	-.046	4.5
78	MP1A	Mz	0	4.5
79	MP1B	Y	-39.666	1.5
80	MP1B	My	.023	1.5
81	MP1B	Mz	-.04	1.5
82	MP1B	Y	-39.666	4.5
83	MP1B	My	.023	4.5
84	MP1B	Mz	-.04	4.5
85	MP1C	Y	-39.666	1.5
86	MP1C	My	.023	1.5
87	MP1C	Mz	.04	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP1C	Y	-39.666	4.5
89	MP1C	My	.023	4.5
90	MP1C	Mz	.04	4.5
91	MP5A	Y	-39.666	1.5
92	MP5A	My	-.046	1.5
93	MP5A	Mz	0	1.5
94	MP5A	Y	-39.666	4.5
95	MP5A	My	-.046	4.5
96	MP5A	Mz	0	4.5
97	MP5B	Y	-39.666	1.5
98	MP5B	My	.023	1.5
99	MP5B	Mz	-.04	1.5
100	MP5B	Y	-39.666	4.5
101	MP5B	My	.023	4.5
102	MP5B	Mz	-.04	4.5
103	MP5C	Y	-39.666	1.5
104	MP5C	My	.023	1.5
105	MP5C	Mz	.04	1.5
106	MP5C	Y	-39.666	4.5
107	MP5C	My	.023	4.5
108	MP5C	Mz	.04	4.5
109	OVP	Y	-86.563	.75
110	OVP	My	0	.75
111	OVP	Mz	0	.75

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	-83.251	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	-83.251	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	-45.257	2
9	MP4B	Mx	.02	2
10	MP4B	X	0	4
11	MP4B	Z	-45.257	4
12	MP4B	Mx	.02	4
13	MP4C	X	0	2
14	MP4C	Z	-45.257	2
15	MP4C	Mx	-.02	2
16	MP4C	X	0	4
17	MP4C	Z	-45.257	4
18	MP4C	Mx	-.02	4
19	MP3A	X	0	.75
20	MP3A	Z	-66.247	.75
21	MP3A	Mx	0	.75
22	MP3B	X	0	.75
23	MP3B	Z	-49.774	.75
24	MP3B	Mx	-.022	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP3C	X	0	.75
26	MP3C	Z	-49.774	.75
27	MP3C	Mx	.022	.75
28	MP3A	X	0	2.75
29	MP3A	Z	-66.247	2.75
30	MP3A	Mx	0	2.75
31	MP3B	X	0	2.75
32	MP3B	Z	-43.463	2.75
33	MP3B	Mx	-.019	2.75
34	MP3C	X	0	2.75
35	MP3C	Z	-43.463	2.75
36	MP3C	Mx	.019	2.75
37	MP2A	X	0	1.33
38	MP2A	Z	-144.538	1.33
39	MP2A	Mx	-.084	1.33
40	MP2A	X	0	5.33
41	MP2A	Z	-144.538	5.33
42	MP2A	Mx	-.084	5.33
43	MP2B	X	0	1.33
44	MP2B	Z	-107.823	1.33
45	MP2B	Mx	.101	1.33
46	MP2B	X	0	5.33
47	MP2B	Z	-107.823	5.33
48	MP2B	Mx	.101	5.33
49	MP2C	X	0	1.33
50	MP2C	Z	-107.823	1.33
51	MP2C	Mx	-.039	1.33
52	MP2C	X	0	5.33
53	MP2C	Z	-107.823	5.33
54	MP2C	Mx	-.039	5.33
55	MP2A	X	0	1.33
56	MP2A	Z	-144.538	1.33
57	MP2A	Mx	.084	1.33
58	MP2A	X	0	5.33
59	MP2A	Z	-144.538	5.33
60	MP2A	Mx	.084	5.33
61	MP2B	X	0	1.33
62	MP2B	Z	-107.823	1.33
63	MP2B	Mx	.039	1.33
64	MP2B	X	0	5.33
65	MP2B	Z	-107.823	5.33
66	MP2B	Mx	.039	5.33
67	MP2C	X	0	1.33
68	MP2C	Z	-107.823	1.33
69	MP2C	Mx	-.101	1.33
70	MP2C	X	0	5.33
71	MP2C	Z	-107.823	5.33
72	MP2C	Mx	-.101	5.33
73	MP1A	X	0	1.5
74	MP1A	Z	-46.231	1.5
75	MP1A	Mx	0	1.5
76	MP1A	X	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP1A	Z	-46.231	4.5
78	MP1A	Mx	0	4.5
79	MP1B	X	0	1.5
80	MP1B	Z	-83.281	1.5
81	MP1B	Mx	.084	1.5
82	MP1B	X	0	4.5
83	MP1B	Z	-83.281	4.5
84	MP1B	Mx	.084	4.5
85	MP1C	X	0	1.5
86	MP1C	Z	-83.281	1.5
87	MP1C	Mx	-.084	1.5
88	MP1C	X	0	4.5
89	MP1C	Z	-83.281	4.5
90	MP1C	Mx	-.084	4.5
91	MP5A	X	0	1.5
92	MP5A	Z	-46.231	1.5
93	MP5A	Mx	0	1.5
94	MP5A	X	0	4.5
95	MP5A	Z	-46.231	4.5
96	MP5A	Mx	0	4.5
97	MP5B	X	0	1.5
98	MP5B	Z	-83.281	1.5
99	MP5B	Mx	.084	1.5
100	MP5B	X	0	4.5
101	MP5B	Z	-83.281	4.5
102	MP5B	Mx	.084	4.5
103	MP5C	X	0	1.5
104	MP5C	Z	-83.281	1.5
105	MP5C	Mx	-.084	1.5
106	MP5C	X	0	4.5
107	MP5C	Z	-83.281	4.5
108	MP5C	Mx	-.084	4.5
109	OVP	X	0	.75
110	OVP	Z	-118.257	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	35.293	2
2	MP4A	Z	-61.13	2
3	MP4A	Mx	-.018	2
4	MP4A	X	35.293	4
5	MP4A	Z	-61.13	4
6	MP4A	Mx	-.018	4
7	MP4B	X	16.296	2
8	MP4B	Z	-28.226	2
9	MP4B	Mx	.016	2
10	MP4B	X	16.296	4
11	MP4B	Z	-28.226	4
12	MP4B	Mx	.016	4
13	MP4C	X	35.293	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP4C	Z	-61.13	2
15	MP4C	Mx	-.018	2
16	MP4C	X	35.293	4
17	MP4C	Z	-61.13	4
18	MP4C	Mx	-.018	4
19	MP3A	X	30.378	.75
20	MP3A	Z	-52.616	.75
21	MP3A	Mx	.015	.75
22	MP3B	X	22.141	.75
23	MP3B	Z	-38.35	.75
24	MP3B	Mx	-.022	.75
25	MP3C	X	30.378	.75
26	MP3C	Z	-52.616	.75
27	MP3C	Mx	.015	.75
28	MP3A	X	29.326	2.75
29	MP3A	Z	-50.794	2.75
30	MP3A	Mx	.015	2.75
31	MP3B	X	17.934	2.75
32	MP3B	Z	-31.063	2.75
33	MP3B	Mx	-.018	2.75
34	MP3C	X	29.326	2.75
35	MP3C	Z	-50.794	2.75
36	MP3C	Mx	.015	2.75
37	MP2A	X	66.15	1.33
38	MP2A	Z	-114.575	1.33
39	MP2A	Mx	-.116	1.33
40	MP2A	X	66.15	5.33
41	MP2A	Z	-114.575	5.33
42	MP2A	Mx	-.116	5.33
43	MP2B	X	47.792	1.33
44	MP2B	Z	-82.778	1.33
45	MP2B	Mx	.072	1.33
46	MP2B	X	47.792	5.33
47	MP2B	Z	-82.778	5.33
48	MP2B	Mx	.072	5.33
49	MP2C	X	66.15	1.33
50	MP2C	Z	-114.575	1.33
51	MP2C	Mx	.017	1.33
52	MP2C	X	66.15	5.33
53	MP2C	Z	-114.575	5.33
54	MP2C	Mx	.017	5.33
55	MP2A	X	66.15	1.33
56	MP2A	Z	-114.575	1.33
57	MP2A	Mx	.017	1.33
58	MP2A	X	66.15	5.33
59	MP2A	Z	-114.575	5.33
60	MP2A	Mx	.017	5.33
61	MP2B	X	47.792	1.33
62	MP2B	Z	-82.778	1.33
63	MP2B	Mx	.072	1.33
64	MP2B	X	47.792	5.33
65	MP2B	Z	-82.778	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2B	Mx	.072	5.33
67	MP2C	X	66.15	1.33
68	MP2C	Z	-114.575	1.33
69	MP2C	Mx	-.116	1.33
70	MP2C	X	66.15	5.33
71	MP2C	Z	-114.575	5.33
72	MP2C	Mx	-.116	5.33
73	MP1A	X	29.29	1.5
74	MP1A	Z	-50.733	1.5
75	MP1A	Mx	-.034	1.5
76	MP1A	X	29.29	4.5
77	MP1A	Z	-50.733	4.5
78	MP1A	Mx	-.034	4.5
79	MP1B	X	47.815	1.5
80	MP1B	Z	-82.818	1.5
81	MP1B	Mx	.112	1.5
82	MP1B	X	47.815	4.5
83	MP1B	Z	-82.818	4.5
84	MP1B	Mx	.112	4.5
85	MP1C	X	29.29	1.5
86	MP1C	Z	-50.733	1.5
87	MP1C	Mx	-.034	1.5
88	MP1C	X	29.29	4.5
89	MP1C	Z	-50.733	4.5
90	MP1C	Mx	-.034	4.5
91	MP5A	X	29.29	1.5
92	MP5A	Z	-50.733	1.5
93	MP5A	Mx	-.034	1.5
94	MP5A	X	29.29	4.5
95	MP5A	Z	-50.733	4.5
96	MP5A	Mx	-.034	4.5
97	MP5B	X	47.815	1.5
98	MP5B	Z	-82.818	1.5
99	MP5B	Mx	.112	1.5
100	MP5B	X	47.815	4.5
101	MP5B	Z	-82.818	4.5
102	MP5B	Mx	.112	4.5
103	MP5C	X	29.29	1.5
104	MP5C	Z	-50.733	1.5
105	MP5C	Mx	-.034	1.5
106	MP5C	X	29.29	4.5
107	MP5C	Z	-50.733	4.5
108	MP5C	Mx	-.034	4.5
109	OVP	X	54.866	.75
110	OVP	Z	-95.031	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	39.194	2
2	MP4A	Z	-22.629	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP4A	Mx	-.02	2
4	MP4A	X	39.194	4
5	MP4A	Z	-22.629	4
6	MP4A	Mx	-.02	4
7	MP4B	X	39.194	2
8	MP4B	Z	-22.629	2
9	MP4B	Mx	.02	2
10	MP4B	X	39.194	4
11	MP4B	Z	-22.629	4
12	MP4B	Mx	.02	4
13	MP4C	X	72.098	2
14	MP4C	Z	-41.626	2
15	MP4C	Mx	0	2
16	MP4C	X	72.098	4
17	MP4C	Z	-41.626	4
18	MP4C	Mx	0	4
19	MP3A	X	43.105	.75
20	MP3A	Z	-24.887	.75
21	MP3A	Mx	.022	.75
22	MP3B	X	43.105	.75
23	MP3B	Z	-24.887	.75
24	MP3B	Mx	-.022	.75
25	MP3C	X	57.371	.75
26	MP3C	Z	-33.123	.75
27	MP3C	Mx	0	.75
28	MP3A	X	37.64	2.75
29	MP3A	Z	-21.732	2.75
30	MP3A	Mx	.019	2.75
31	MP3B	X	37.64	2.75
32	MP3B	Z	-21.732	2.75
33	MP3B	Mx	-.019	2.75
34	MP3C	X	57.371	2.75
35	MP3C	Z	-33.123	2.75
36	MP3C	Mx	0	2.75
37	MP2A	X	93.377	1.33
38	MP2A	Z	-53.911	1.33
39	MP2A	Mx	-.101	1.33
40	MP2A	X	93.377	5.33
41	MP2A	Z	-53.911	5.33
42	MP2A	Mx	-.101	5.33
43	MP2B	X	93.377	1.33
44	MP2B	Z	-53.911	1.33
45	MP2B	Mx	.039	1.33
46	MP2B	X	93.377	5.33
47	MP2B	Z	-53.911	5.33
48	MP2B	Mx	.039	5.33
49	MP2C	X	125.174	1.33
50	MP2C	Z	-72.269	1.33
51	MP2C	Mx	.084	1.33
52	MP2C	X	125.174	5.33
53	MP2C	Z	-72.269	5.33
54	MP2C	Mx	.084	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP2A	X	93.377	1.33
56	MP2A	Z	-53.911	1.33
57	MP2A	Mx	-.039	1.33
58	MP2A	X	93.377	5.33
59	MP2A	Z	-53.911	5.33
60	MP2A	Mx	-.039	5.33
61	MP2B	X	93.377	1.33
62	MP2B	Z	-53.911	1.33
63	MP2B	Mx	.101	1.33
64	MP2B	X	93.377	5.33
65	MP2B	Z	-53.911	5.33
66	MP2B	Mx	.101	5.33
67	MP2C	X	125.174	1.33
68	MP2C	Z	-72.269	1.33
69	MP2C	Mx	-.084	1.33
70	MP2C	X	125.174	5.33
71	MP2C	Z	-72.269	5.33
72	MP2C	Mx	-.084	5.33
73	MP1A	X	72.123	1.5
74	MP1A	Z	-41.64	1.5
75	MP1A	Mx	-.084	1.5
76	MP1A	X	72.123	4.5
77	MP1A	Z	-41.64	4.5
78	MP1A	Mx	-.084	4.5
79	MP1B	X	72.123	1.5
80	MP1B	Z	-41.64	1.5
81	MP1B	Mx	.084	1.5
82	MP1B	X	72.123	4.5
83	MP1B	Z	-41.64	4.5
84	MP1B	Mx	.084	4.5
85	MP1C	X	40.037	1.5
86	MP1C	Z	-23.116	1.5
87	MP1C	Mx	-1e-6	1.5
88	MP1C	X	40.037	4.5
89	MP1C	Z	-23.116	4.5
90	MP1C	Mx	-1e-6	4.5
91	MP5A	X	72.123	1.5
92	MP5A	Z	-41.64	1.5
93	MP5A	Mx	-.084	1.5
94	MP5A	X	72.123	4.5
95	MP5A	Z	-41.64	4.5
96	MP5A	Mx	-.084	4.5
97	MP5B	X	72.123	1.5
98	MP5B	Z	-41.64	1.5
99	MP5B	Mx	.084	1.5
100	MP5B	X	72.123	4.5
101	MP5B	Z	-41.64	4.5
102	MP5B	Mx	.084	4.5
103	MP5C	X	40.037	1.5
104	MP5C	Z	-23.116	1.5
105	MP5C	Mx	-1e-6	1.5
106	MP5C	X	40.037	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
107	MP5C	Z	-23.116	4.5
108	MP5C	Mx	-1e-6	4.5
109	OVP	X	102.413	.75
110	OVP	Z	-59.128	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	32.593	2
2	MP4A	Z	0	2
3	MP4A	Mx	-.016	2
4	MP4A	X	32.593	4
5	MP4A	Z	0	4
6	MP4A	Mx	-.016	4
7	MP4B	X	70.587	2
8	MP4B	Z	0	2
9	MP4B	Mx	.018	2
10	MP4B	X	70.587	4
11	MP4B	Z	0	4
12	MP4B	Mx	.018	4
13	MP4C	X	70.587	2
14	MP4C	Z	0	2
15	MP4C	Mx	.018	2
16	MP4C	X	70.587	4
17	MP4C	Z	0	4
18	MP4C	Mx	.018	4
19	MP3A	X	44.283	.75
20	MP3A	Z	0	.75
21	MP3A	Mx	.022	.75
22	MP3B	X	60.756	.75
23	MP3B	Z	0	.75
24	MP3B	Mx	-.015	.75
25	MP3C	X	60.756	.75
26	MP3C	Z	0	.75
27	MP3C	Mx	-.015	.75
28	MP3A	X	35.869	2.75
29	MP3A	Z	0	2.75
30	MP3A	Mx	.018	2.75
31	MP3B	X	58.652	2.75
32	MP3B	Z	0	2.75
33	MP3B	Mx	-.015	2.75
34	MP3C	X	58.652	2.75
35	MP3C	Z	0	2.75
36	MP3C	Mx	-.015	2.75
37	MP2A	X	95.584	1.33
38	MP2A	Z	0	1.33
39	MP2A	Mx	-.072	1.33
40	MP2A	X	95.584	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	-.072	5.33
43	MP2B	X	132.3	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP2B	Z	0	1.33
45	MP2B	Mx	-.017	1.33
46	MP2B	X	132.3	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	-.017	5.33
49	MP2C	X	132.3	1.33
50	MP2C	Z	0	1.33
51	MP2C	Mx	.116	1.33
52	MP2C	X	132.3	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	.116	5.33
55	MP2A	X	95.584	1.33
56	MP2A	Z	0	1.33
57	MP2A	Mx	-.072	1.33
58	MP2A	X	95.584	5.33
59	MP2A	Z	0	5.33
60	MP2A	Mx	-.072	5.33
61	MP2B	X	132.3	1.33
62	MP2B	Z	0	1.33
63	MP2B	Mx	.116	1.33
64	MP2B	X	132.3	5.33
65	MP2B	Z	0	5.33
66	MP2B	Mx	.116	5.33
67	MP2C	X	132.3	1.33
68	MP2C	Z	0	1.33
69	MP2C	Mx	-.017	1.33
70	MP2C	X	132.3	5.33
71	MP2C	Z	0	5.33
72	MP2C	Mx	-.017	5.33
73	MP1A	X	95.63	1.5
74	MP1A	Z	0	1.5
75	MP1A	Mx	-.112	1.5
76	MP1A	X	95.63	4.5
77	MP1A	Z	0	4.5
78	MP1A	Mx	-.112	4.5
79	MP1B	X	58.581	1.5
80	MP1B	Z	0	1.5
81	MP1B	Mx	.034	1.5
82	MP1B	X	58.581	4.5
83	MP1B	Z	0	4.5
84	MP1B	Mx	.034	4.5
85	MP1C	X	58.581	1.5
86	MP1C	Z	0	1.5
87	MP1C	Mx	.034	1.5
88	MP1C	X	58.581	4.5
89	MP1C	Z	0	4.5
90	MP1C	Mx	.034	4.5
91	MP5A	X	95.63	1.5
92	MP5A	Z	0	1.5
93	MP5A	Mx	-.112	1.5
94	MP5A	X	95.63	4.5
95	MP5A	Z	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP5A	Mx	-.112	4.5
97	MP5B	X	58.581	1.5
98	MP5B	Z	0	1.5
99	MP5B	Mx	.034	1.5
100	MP5B	X	58.581	4.5
101	MP5B	Z	0	4.5
102	MP5B	Mx	.034	4.5
103	MP5C	X	58.581	1.5
104	MP5C	Z	0	1.5
105	MP5C	Mx	.034	1.5
106	MP5C	X	58.581	4.5
107	MP5C	Z	0	4.5
108	MP5C	Mx	.034	4.5
109	OVP	X	135.306	.75
110	OVP	Z	0	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	39.194	2
2	MP4A	Z	22.629	2
3	MP4A	Mx	-.02	2
4	MP4A	X	39.194	4
5	MP4A	Z	22.629	4
6	MP4A	Mx	-.02	4
7	MP4B	X	72.098	2
8	MP4B	Z	41.626	2
9	MP4B	Mx	0	2
10	MP4B	X	72.098	4
11	MP4B	Z	41.626	4
12	MP4B	Mx	0	4
13	MP4C	X	39.194	2
14	MP4C	Z	22.629	2
15	MP4C	Mx	.02	2
16	MP4C	X	39.194	4
17	MP4C	Z	22.629	4
18	MP4C	Mx	.02	4
19	MP3A	X	43.105	.75
20	MP3A	Z	24.887	.75
21	MP3A	Mx	.022	.75
22	MP3B	X	57.371	.75
23	MP3B	Z	33.123	.75
24	MP3B	Mx	0	.75
25	MP3C	X	43.105	.75
26	MP3C	Z	24.887	.75
27	MP3C	Mx	-.022	.75
28	MP3A	X	37.64	2.75
29	MP3A	Z	21.732	2.75
30	MP3A	Mx	.019	2.75
31	MP3B	X	57.371	2.75
32	MP3B	Z	33.123	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3B	Mx	0	2.75
34	MP3C	X	37.64	2.75
35	MP3C	Z	21.732	2.75
36	MP3C	Mx	-.019	2.75
37	MP2A	X	93.377	1.33
38	MP2A	Z	53.911	1.33
39	MP2A	Mx	-.039	1.33
40	MP2A	X	93.377	5.33
41	MP2A	Z	53.911	5.33
42	MP2A	Mx	-.039	5.33
43	MP2B	X	125.174	1.33
44	MP2B	Z	72.269	1.33
45	MP2B	Mx	-.084	1.33
46	MP2B	X	125.174	5.33
47	MP2B	Z	72.269	5.33
48	MP2B	Mx	-.084	5.33
49	MP2C	X	93.377	1.33
50	MP2C	Z	53.911	1.33
51	MP2C	Mx	.101	1.33
52	MP2C	X	93.377	5.33
53	MP2C	Z	53.911	5.33
54	MP2C	Mx	.101	5.33
55	MP2A	X	93.377	1.33
56	MP2A	Z	53.911	1.33
57	MP2A	Mx	-.101	1.33
58	MP2A	X	93.377	5.33
59	MP2A	Z	53.911	5.33
60	MP2A	Mx	-.101	5.33
61	MP2B	X	125.174	1.33
62	MP2B	Z	72.269	1.33
63	MP2B	Mx	.084	1.33
64	MP2B	X	125.174	5.33
65	MP2B	Z	72.269	5.33
66	MP2B	Mx	.084	5.33
67	MP2C	X	93.377	1.33
68	MP2C	Z	53.911	1.33
69	MP2C	Mx	.039	1.33
70	MP2C	X	93.377	5.33
71	MP2C	Z	53.911	5.33
72	MP2C	Mx	.039	5.33
73	MP1A	X	72.123	1.5
74	MP1A	Z	41.64	1.5
75	MP1A	Mx	-.084	1.5
76	MP1A	X	72.123	4.5
77	MP1A	Z	41.64	4.5
78	MP1A	Mx	-.084	4.5
79	MP1B	X	40.037	1.5
80	MP1B	Z	23.116	1.5
81	MP1B	Mx	-1e-6	1.5
82	MP1B	X	40.037	4.5
83	MP1B	Z	23.116	4.5
84	MP1B	Mx	-1e-6	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1C	X	72.123	1.5
86	MP1C	Z	41.64	1.5
87	MP1C	Mx	.084	1.5
88	MP1C	X	72.123	4.5
89	MP1C	Z	41.64	4.5
90	MP1C	Mx	.084	4.5
91	MP5A	X	72.123	1.5
92	MP5A	Z	41.64	1.5
93	MP5A	Mx	-.084	1.5
94	MP5A	X	72.123	4.5
95	MP5A	Z	41.64	4.5
96	MP5A	Mx	-.084	4.5
97	MP5B	X	40.037	1.5
98	MP5B	Z	23.116	1.5
99	MP5B	Mx	-1e-6	1.5
100	MP5B	X	40.037	4.5
101	MP5B	Z	23.116	4.5
102	MP5B	Mx	-1e-6	4.5
103	MP5C	X	72.123	1.5
104	MP5C	Z	41.64	1.5
105	MP5C	Mx	.084	1.5
106	MP5C	X	72.123	4.5
107	MP5C	Z	41.64	4.5
108	MP5C	Mx	.084	4.5
109	OVP	X	124.56	.75
110	OVP	Z	71.915	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	35.293	2
2	MP4A	Z	61.13	2
3	MP4A	Mx	-.018	2
4	MP4A	X	35.293	4
5	MP4A	Z	61.13	4
6	MP4A	Mx	-.018	4
7	MP4B	X	35.293	2
8	MP4B	Z	61.13	2
9	MP4B	Mx	-.018	2
10	MP4B	X	35.293	4
11	MP4B	Z	61.13	4
12	MP4B	Mx	-.018	4
13	MP4C	X	16.296	2
14	MP4C	Z	28.226	2
15	MP4C	Mx	.016	2
16	MP4C	X	16.296	4
17	MP4C	Z	28.226	4
18	MP4C	Mx	.016	4
19	MP3A	X	30.378	.75
20	MP3A	Z	52.616	.75
21	MP3A	Mx	.015	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3B	X	30.378	.75
23	MP3B	Z	52.616	.75
24	MP3B	Mx	.015	.75
25	MP3C	X	22.141	.75
26	MP3C	Z	38.35	.75
27	MP3C	Mx	-.022	.75
28	MP3A	X	29.326	2.75
29	MP3A	Z	50.794	2.75
30	MP3A	Mx	.015	2.75
31	MP3B	X	29.326	2.75
32	MP3B	Z	50.794	2.75
33	MP3B	Mx	.015	2.75
34	MP3C	X	17.934	2.75
35	MP3C	Z	31.063	2.75
36	MP3C	Mx	-.018	2.75
37	MP2A	X	66.15	1.33
38	MP2A	Z	114.575	1.33
39	MP2A	Mx	.017	1.33
40	MP2A	X	66.15	5.33
41	MP2A	Z	114.575	5.33
42	MP2A	Mx	.017	5.33
43	MP2B	X	66.15	1.33
44	MP2B	Z	114.575	1.33
45	MP2B	Mx	-.116	1.33
46	MP2B	X	66.15	5.33
47	MP2B	Z	114.575	5.33
48	MP2B	Mx	-.116	5.33
49	MP2C	X	47.792	1.33
50	MP2C	Z	82.778	1.33
51	MP2C	Mx	.072	1.33
52	MP2C	X	47.792	5.33
53	MP2C	Z	82.778	5.33
54	MP2C	Mx	.072	5.33
55	MP2A	X	66.15	1.33
56	MP2A	Z	114.575	1.33
57	MP2A	Mx	-.116	1.33
58	MP2A	X	66.15	5.33
59	MP2A	Z	114.575	5.33
60	MP2A	Mx	-.116	5.33
61	MP2B	X	66.15	1.33
62	MP2B	Z	114.575	1.33
63	MP2B	Mx	.017	1.33
64	MP2B	X	66.15	5.33
65	MP2B	Z	114.575	5.33
66	MP2B	Mx	.017	5.33
67	MP2C	X	47.792	1.33
68	MP2C	Z	82.778	1.33
69	MP2C	Mx	.072	1.33
70	MP2C	X	47.792	5.33
71	MP2C	Z	82.778	5.33
72	MP2C	Mx	.072	5.33
73	MP1A	X	29.29	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP1A	Z	50.733	1.5
75	MP1A	Mx	-.034	1.5
76	MP1A	X	29.29	4.5
77	MP1A	Z	50.733	4.5
78	MP1A	Mx	-.034	4.5
79	MP1B	X	29.29	1.5
80	MP1B	Z	50.733	1.5
81	MP1B	Mx	-.034	1.5
82	MP1B	X	29.29	4.5
83	MP1B	Z	50.733	4.5
84	MP1B	Mx	-.034	4.5
85	MP1C	X	47.815	1.5
86	MP1C	Z	82.818	1.5
87	MP1C	Mx	.112	1.5
88	MP1C	X	47.815	4.5
89	MP1C	Z	82.818	4.5
90	MP1C	Mx	.112	4.5
91	MP5A	X	29.29	1.5
92	MP5A	Z	50.733	1.5
93	MP5A	Mx	-.034	1.5
94	MP5A	X	29.29	4.5
95	MP5A	Z	50.733	4.5
96	MP5A	Mx	-.034	4.5
97	MP5B	X	29.29	1.5
98	MP5B	Z	50.733	1.5
99	MP5B	Mx	-.034	1.5
100	MP5B	X	29.29	4.5
101	MP5B	Z	50.733	4.5
102	MP5B	Mx	-.034	4.5
103	MP5C	X	47.815	1.5
104	MP5C	Z	82.818	1.5
105	MP5C	Mx	.112	1.5
106	MP5C	X	47.815	4.5
107	MP5C	Z	82.818	4.5
108	MP5C	Mx	.112	4.5
109	OVP	X	67.653	.75
110	OVP	Z	117.178	.75
111	OVP	Mx	0	.75

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	83.251	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	83.251	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	45.257	2
9	MP4B	Mx	-.02	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	45.257	4
12	MP4B	Mx	-.02	4
13	MP4C	X	0	2
14	MP4C	Z	45.257	2
15	MP4C	Mx	.02	2
16	MP4C	X	0	4
17	MP4C	Z	45.257	4
18	MP4C	Mx	.02	4
19	MP3A	X	0	.75
20	MP3A	Z	66.247	.75
21	MP3A	Mx	0	.75
22	MP3B	X	0	.75
23	MP3B	Z	49.774	.75
24	MP3B	Mx	.022	.75
25	MP3C	X	0	.75
26	MP3C	Z	49.774	.75
27	MP3C	Mx	-.022	.75
28	MP3A	X	0	2.75
29	MP3A	Z	66.247	2.75
30	MP3A	Mx	0	2.75
31	MP3B	X	0	2.75
32	MP3B	Z	43.463	2.75
33	MP3B	Mx	.019	2.75
34	MP3C	X	0	2.75
35	MP3C	Z	43.463	2.75
36	MP3C	Mx	-.019	2.75
37	MP2A	X	0	1.33
38	MP2A	Z	144.538	1.33
39	MP2A	Mx	.084	1.33
40	MP2A	X	0	5.33
41	MP2A	Z	144.538	5.33
42	MP2A	Mx	.084	5.33
43	MP2B	X	0	1.33
44	MP2B	Z	107.823	1.33
45	MP2B	Mx	-.101	1.33
46	MP2B	X	0	5.33
47	MP2B	Z	107.823	5.33
48	MP2B	Mx	-.101	5.33
49	MP2C	X	0	1.33
50	MP2C	Z	107.823	1.33
51	MP2C	Mx	.039	1.33
52	MP2C	X	0	5.33
53	MP2C	Z	107.823	5.33
54	MP2C	Mx	.039	5.33
55	MP2A	X	0	1.33
56	MP2A	Z	144.538	1.33
57	MP2A	Mx	-.084	1.33
58	MP2A	X	0	5.33
59	MP2A	Z	144.538	5.33
60	MP2A	Mx	-.084	5.33
61	MP2B	X	0	1.33
62	MP2B	Z	107.823	1.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP2B	Mx	-.039	1.33
64	MP2B	X	0	5.33
65	MP2B	Z	107.823	5.33
66	MP2B	Mx	-.039	5.33
67	MP2C	X	0	1.33
68	MP2C	Z	107.823	1.33
69	MP2C	Mx	.101	1.33
70	MP2C	X	0	5.33
71	MP2C	Z	107.823	5.33
72	MP2C	Mx	.101	5.33
73	MP1A	X	0	1.5
74	MP1A	Z	46.231	1.5
75	MP1A	Mx	0	1.5
76	MP1A	X	0	4.5
77	MP1A	Z	46.231	4.5
78	MP1A	Mx	0	4.5
79	MP1B	X	0	1.5
80	MP1B	Z	83.281	1.5
81	MP1B	Mx	-.084	1.5
82	MP1B	X	0	4.5
83	MP1B	Z	83.281	4.5
84	MP1B	Mx	-.084	4.5
85	MP1C	X	0	1.5
86	MP1C	Z	83.281	1.5
87	MP1C	Mx	.084	1.5
88	MP1C	X	0	4.5
89	MP1C	Z	83.281	4.5
90	MP1C	Mx	.084	4.5
91	MP5A	X	0	1.5
92	MP5A	Z	46.231	1.5
93	MP5A	Mx	0	1.5
94	MP5A	X	0	4.5
95	MP5A	Z	46.231	4.5
96	MP5A	Mx	0	4.5
97	MP5B	X	0	1.5
98	MP5B	Z	83.281	1.5
99	MP5B	Mx	-.084	1.5
100	MP5B	X	0	4.5
101	MP5B	Z	83.281	4.5
102	MP5B	Mx	-.084	4.5
103	MP5C	X	0	1.5
104	MP5C	Z	83.281	1.5
105	MP5C	Mx	.084	1.5
106	MP5C	X	0	4.5
107	MP5C	Z	83.281	4.5
108	MP5C	Mx	.084	4.5
109	OVP	X	0	.75
110	OVP	Z	118.257	.75
111	OVP	Mx	0	.75

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-35.293	2
2	MP4A	Z	61.13	2
3	MP4A	Mx	.018	2
4	MP4A	X	-35.293	4
5	MP4A	Z	61.13	4
6	MP4A	Mx	.018	4
7	MP4B	X	-16.296	2
8	MP4B	Z	28.226	2
9	MP4B	Mx	-.016	2
10	MP4B	X	-16.296	4
11	MP4B	Z	28.226	4
12	MP4B	Mx	-.016	4
13	MP4C	X	-35.293	2
14	MP4C	Z	61.13	2
15	MP4C	Mx	.018	2
16	MP4C	X	-35.293	4
17	MP4C	Z	61.13	4
18	MP4C	Mx	.018	4
19	MP3A	X	-30.378	.75
20	MP3A	Z	52.616	.75
21	MP3A	Mx	-.015	.75
22	MP3B	X	-22.141	.75
23	MP3B	Z	38.35	.75
24	MP3B	Mx	.022	.75
25	MP3C	X	-30.378	.75
26	MP3C	Z	52.616	.75
27	MP3C	Mx	-.015	.75
28	MP3A	X	-29.326	2.75
29	MP3A	Z	50.794	2.75
30	MP3A	Mx	-.015	2.75
31	MP3B	X	-17.934	2.75
32	MP3B	Z	31.063	2.75
33	MP3B	Mx	.018	2.75
34	MP3C	X	-29.326	2.75
35	MP3C	Z	50.794	2.75
36	MP3C	Mx	-.015	2.75
37	MP2A	X	-66.15	1.33
38	MP2A	Z	114.575	1.33
39	MP2A	Mx	.116	1.33
40	MP2A	X	-66.15	5.33
41	MP2A	Z	114.575	5.33
42	MP2A	Mx	.116	5.33
43	MP2B	X	-47.792	1.33
44	MP2B	Z	82.778	1.33
45	MP2B	Mx	-.072	1.33
46	MP2B	X	-47.792	5.33
47	MP2B	Z	82.778	5.33
48	MP2B	Mx	-.072	5.33
49	MP2C	X	-66.15	1.33
50	MP2C	Z	114.575	1.33
51	MP2C	Mx	-.017	1.33
52	MP2C	X	-66.15	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	114.575	5.33
54	MP2C	Mx	-.017	5.33
55	MP2A	X	-66.15	1.33
56	MP2A	Z	114.575	1.33
57	MP2A	Mx	-.017	1.33
58	MP2A	X	-66.15	5.33
59	MP2A	Z	114.575	5.33
60	MP2A	Mx	-.017	5.33
61	MP2B	X	-47.792	1.33
62	MP2B	Z	82.778	1.33
63	MP2B	Mx	-.072	1.33
64	MP2B	X	-47.792	5.33
65	MP2B	Z	82.778	5.33
66	MP2B	Mx	-.072	5.33
67	MP2C	X	-66.15	1.33
68	MP2C	Z	114.575	1.33
69	MP2C	Mx	.116	1.33
70	MP2C	X	-66.15	5.33
71	MP2C	Z	114.575	5.33
72	MP2C	Mx	.116	5.33
73	MP1A	X	-29.29	1.5
74	MP1A	Z	50.733	1.5
75	MP1A	Mx	.034	1.5
76	MP1A	X	-29.29	4.5
77	MP1A	Z	50.733	4.5
78	MP1A	Mx	.034	4.5
79	MP1B	X	-47.815	1.5
80	MP1B	Z	82.818	1.5
81	MP1B	Mx	-.112	1.5
82	MP1B	X	-47.815	4.5
83	MP1B	Z	82.818	4.5
84	MP1B	Mx	-.112	4.5
85	MP1C	X	-29.29	1.5
86	MP1C	Z	50.733	1.5
87	MP1C	Mx	.034	1.5
88	MP1C	X	-29.29	4.5
89	MP1C	Z	50.733	4.5
90	MP1C	Mx	.034	4.5
91	MP5A	X	-29.29	1.5
92	MP5A	Z	50.733	1.5
93	MP5A	Mx	.034	1.5
94	MP5A	X	-29.29	4.5
95	MP5A	Z	50.733	4.5
96	MP5A	Mx	.034	4.5
97	MP5B	X	-47.815	1.5
98	MP5B	Z	82.818	1.5
99	MP5B	Mx	-.112	1.5
100	MP5B	X	-47.815	4.5
101	MP5B	Z	82.818	4.5
102	MP5B	Mx	-.112	4.5
103	MP5C	X	-29.29	1.5
104	MP5C	Z	50.733	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP5C	Mx	.034	1.5
106	MP5C	X	-29.29	4.5
107	MP5C	Z	50.733	4.5
108	MP5C	Mx	.034	4.5
109	OVP	X	-54.866	.75
110	OVP	Z	95.031	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-39.194	2
2	MP4A	Z	22.629	2
3	MP4A	Mx	.02	2
4	MP4A	X	-39.194	4
5	MP4A	Z	22.629	4
6	MP4A	Mx	.02	4
7	MP4B	X	-39.194	2
8	MP4B	Z	22.629	2
9	MP4B	Mx	-.02	2
10	MP4B	X	-39.194	4
11	MP4B	Z	22.629	4
12	MP4B	Mx	-.02	4
13	MP4C	X	-72.098	2
14	MP4C	Z	41.626	2
15	MP4C	Mx	0	2
16	MP4C	X	-72.098	4
17	MP4C	Z	41.626	4
18	MP4C	Mx	0	4
19	MP3A	X	-43.105	.75
20	MP3A	Z	24.887	.75
21	MP3A	Mx	-.022	.75
22	MP3B	X	-43.105	.75
23	MP3B	Z	24.887	.75
24	MP3B	Mx	.022	.75
25	MP3C	X	-57.371	.75
26	MP3C	Z	33.123	.75
27	MP3C	Mx	0	.75
28	MP3A	X	-37.64	2.75
29	MP3A	Z	21.732	2.75
30	MP3A	Mx	-.019	2.75
31	MP3B	X	-37.64	2.75
32	MP3B	Z	21.732	2.75
33	MP3B	Mx	.019	2.75
34	MP3C	X	-57.371	2.75
35	MP3C	Z	33.123	2.75
36	MP3C	Mx	0	2.75
37	MP2A	X	-93.377	1.33
38	MP2A	Z	53.911	1.33
39	MP2A	Mx	.101	1.33
40	MP2A	X	-93.377	5.33
41	MP2A	Z	53.911	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	.101	5.33
43	MP2B	X	-93.377	1.33
44	MP2B	Z	53.911	1.33
45	MP2B	Mx	-.039	1.33
46	MP2B	X	-93.377	5.33
47	MP2B	Z	53.911	5.33
48	MP2B	Mx	-.039	5.33
49	MP2C	X	-125.174	1.33
50	MP2C	Z	72.269	1.33
51	MP2C	Mx	-.084	1.33
52	MP2C	X	-125.174	5.33
53	MP2C	Z	72.269	5.33
54	MP2C	Mx	-.084	5.33
55	MP2A	X	-93.377	1.33
56	MP2A	Z	53.911	1.33
57	MP2A	Mx	.039	1.33
58	MP2A	X	-93.377	5.33
59	MP2A	Z	53.911	5.33
60	MP2A	Mx	.039	5.33
61	MP2B	X	-93.377	1.33
62	MP2B	Z	53.911	1.33
63	MP2B	Mx	-.101	1.33
64	MP2B	X	-93.377	5.33
65	MP2B	Z	53.911	5.33
66	MP2B	Mx	-.101	5.33
67	MP2C	X	-125.174	1.33
68	MP2C	Z	72.269	1.33
69	MP2C	Mx	.084	1.33
70	MP2C	X	-125.174	5.33
71	MP2C	Z	72.269	5.33
72	MP2C	Mx	.084	5.33
73	MP1A	X	-72.123	1.5
74	MP1A	Z	41.64	1.5
75	MP1A	Mx	.084	1.5
76	MP1A	X	-72.123	4.5
77	MP1A	Z	41.64	4.5
78	MP1A	Mx	.084	4.5
79	MP1B	X	-72.123	1.5
80	MP1B	Z	41.64	1.5
81	MP1B	Mx	-.084	1.5
82	MP1B	X	-72.123	4.5
83	MP1B	Z	41.64	4.5
84	MP1B	Mx	-.084	4.5
85	MP1C	X	-40.037	1.5
86	MP1C	Z	23.116	1.5
87	MP1C	Mx	1e-6	1.5
88	MP1C	X	-40.037	4.5
89	MP1C	Z	23.116	4.5
90	MP1C	Mx	1e-6	4.5
91	MP5A	X	-72.123	1.5
92	MP5A	Z	41.64	1.5
93	MP5A	Mx	.084	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP5A	X	-72.123	4.5
95	MP5A	Z	41.64	4.5
96	MP5A	Mx	.084	4.5
97	MP5B	X	-72.123	1.5
98	MP5B	Z	41.64	1.5
99	MP5B	Mx	-.084	1.5
100	MP5B	X	-72.123	4.5
101	MP5B	Z	41.64	4.5
102	MP5B	Mx	-.084	4.5
103	MP5C	X	-40.037	1.5
104	MP5C	Z	23.116	1.5
105	MP5C	Mx	1e-6	1.5
106	MP5C	X	-40.037	4.5
107	MP5C	Z	23.116	4.5
108	MP5C	Mx	1e-6	4.5
109	OVP	X	-102.413	.75
110	OVP	Z	59.128	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-32.593	2
2	MP4A	Z	0	2
3	MP4A	Mx	.016	2
4	MP4A	X	-32.593	4
5	MP4A	Z	0	4
6	MP4A	Mx	.016	4
7	MP4B	X	-70.587	2
8	MP4B	Z	0	2
9	MP4B	Mx	-.018	2
10	MP4B	X	-70.587	4
11	MP4B	Z	0	4
12	MP4B	Mx	-.018	4
13	MP4C	X	-70.587	2
14	MP4C	Z	0	2
15	MP4C	Mx	-.018	2
16	MP4C	X	-70.587	4
17	MP4C	Z	0	4
18	MP4C	Mx	-.018	4
19	MP3A	X	-44.283	.75
20	MP3A	Z	0	.75
21	MP3A	Mx	-.022	.75
22	MP3B	X	-60.756	.75
23	MP3B	Z	0	.75
24	MP3B	Mx	.015	.75
25	MP3C	X	-60.756	.75
26	MP3C	Z	0	.75
27	MP3C	Mx	.015	.75
28	MP3A	X	-35.869	2.75
29	MP3A	Z	0	2.75
30	MP3A	Mx	-.018	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	-58.652	2.75
32	MP3B	Z	0	2.75
33	MP3B	Mx	.015	2.75
34	MP3C	X	-58.652	2.75
35	MP3C	Z	0	2.75
36	MP3C	Mx	.015	2.75
37	MP2A	X	-95.584	1.33
38	MP2A	Z	0	1.33
39	MP2A	Mx	.072	1.33
40	MP2A	X	-95.584	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	.072	5.33
43	MP2B	X	-132.3	1.33
44	MP2B	Z	0	1.33
45	MP2B	Mx	.017	1.33
46	MP2B	X	-132.3	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	.017	5.33
49	MP2C	X	-132.3	1.33
50	MP2C	Z	0	1.33
51	MP2C	Mx	-.116	1.33
52	MP2C	X	-132.3	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	-.116	5.33
55	MP2A	X	-95.584	1.33
56	MP2A	Z	0	1.33
57	MP2A	Mx	.072	1.33
58	MP2A	X	-95.584	5.33
59	MP2A	Z	0	5.33
60	MP2A	Mx	.072	5.33
61	MP2B	X	-132.3	1.33
62	MP2B	Z	0	1.33
63	MP2B	Mx	-.116	1.33
64	MP2B	X	-132.3	5.33
65	MP2B	Z	0	5.33
66	MP2B	Mx	-.116	5.33
67	MP2C	X	-132.3	1.33
68	MP2C	Z	0	1.33
69	MP2C	Mx	.017	1.33
70	MP2C	X	-132.3	5.33
71	MP2C	Z	0	5.33
72	MP2C	Mx	.017	5.33
73	MP1A	X	-95.63	1.5
74	MP1A	Z	0	1.5
75	MP1A	Mx	.112	1.5
76	MP1A	X	-95.63	4.5
77	MP1A	Z	0	4.5
78	MP1A	Mx	.112	4.5
79	MP1B	X	-58.581	1.5
80	MP1B	Z	0	1.5
81	MP1B	Mx	-.034	1.5
82	MP1B	X	-58.581	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	Z	0	4.5
84	MP1B	Mx	-.034	4.5
85	MP1C	X	-58.581	1.5
86	MP1C	Z	0	1.5
87	MP1C	Mx	-.034	1.5
88	MP1C	X	-58.581	4.5
89	MP1C	Z	0	4.5
90	MP1C	Mx	-.034	4.5
91	MP5A	X	-95.63	1.5
92	MP5A	Z	0	1.5
93	MP5A	Mx	.112	1.5
94	MP5A	X	-95.63	4.5
95	MP5A	Z	0	4.5
96	MP5A	Mx	.112	4.5
97	MP5B	X	-58.581	1.5
98	MP5B	Z	0	1.5
99	MP5B	Mx	-.034	1.5
100	MP5B	X	-58.581	4.5
101	MP5B	Z	0	4.5
102	MP5B	Mx	-.034	4.5
103	MP5C	X	-58.581	1.5
104	MP5C	Z	0	1.5
105	MP5C	Mx	-.034	1.5
106	MP5C	X	-58.581	4.5
107	MP5C	Z	0	4.5
108	MP5C	Mx	-.034	4.5
109	OVP	X	-135.306	.75
110	OVP	Z	0	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-39.194	2
2	MP4A	Z	-22.629	2
3	MP4A	Mx	.02	2
4	MP4A	X	-39.194	4
5	MP4A	Z	-22.629	4
6	MP4A	Mx	.02	4
7	MP4B	X	-72.098	2
8	MP4B	Z	-41.626	2
9	MP4B	Mx	0	2
10	MP4B	X	-72.098	4
11	MP4B	Z	-41.626	4
12	MP4B	Mx	0	4
13	MP4C	X	-39.194	2
14	MP4C	Z	-22.629	2
15	MP4C	Mx	-.02	2
16	MP4C	X	-39.194	4
17	MP4C	Z	-22.629	4
18	MP4C	Mx	-.02	4
19	MP3A	X	-43.105	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP3A	Z	-24.887	.75
21	MP3A	Mx	-.022	.75
22	MP3B	X	-57.371	.75
23	MP3B	Z	-33.123	.75
24	MP3B	Mx	0	.75
25	MP3C	X	-43.105	.75
26	MP3C	Z	-24.887	.75
27	MP3C	Mx	.022	.75
28	MP3A	X	-37.64	2.75
29	MP3A	Z	-21.732	2.75
30	MP3A	Mx	-.019	2.75
31	MP3B	X	-57.371	2.75
32	MP3B	Z	-33.123	2.75
33	MP3B	Mx	0	2.75
34	MP3C	X	-37.64	2.75
35	MP3C	Z	-21.732	2.75
36	MP3C	Mx	.019	2.75
37	MP2A	X	-93.377	1.33
38	MP2A	Z	-53.911	1.33
39	MP2A	Mx	.039	1.33
40	MP2A	X	-93.377	5.33
41	MP2A	Z	-53.911	5.33
42	MP2A	Mx	.039	5.33
43	MP2B	X	-125.174	1.33
44	MP2B	Z	-72.269	1.33
45	MP2B	Mx	.084	1.33
46	MP2B	X	-125.174	5.33
47	MP2B	Z	-72.269	5.33
48	MP2B	Mx	.084	5.33
49	MP2C	X	-93.377	1.33
50	MP2C	Z	-53.911	1.33
51	MP2C	Mx	-.101	1.33
52	MP2C	X	-93.377	5.33
53	MP2C	Z	-53.911	5.33
54	MP2C	Mx	-.101	5.33
55	MP2A	X	-93.377	1.33
56	MP2A	Z	-53.911	1.33
57	MP2A	Mx	.101	1.33
58	MP2A	X	-93.377	5.33
59	MP2A	Z	-53.911	5.33
60	MP2A	Mx	.101	5.33
61	MP2B	X	-125.174	1.33
62	MP2B	Z	-72.269	1.33
63	MP2B	Mx	-.084	1.33
64	MP2B	X	-125.174	5.33
65	MP2B	Z	-72.269	5.33
66	MP2B	Mx	-.084	5.33
67	MP2C	X	-93.377	1.33
68	MP2C	Z	-53.911	1.33
69	MP2C	Mx	-.039	1.33
70	MP2C	X	-93.377	5.33
71	MP2C	Z	-53.911	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	-.039	5.33
73	MP1A	X	-72.123	1.5
74	MP1A	Z	-41.64	1.5
75	MP1A	Mx	.084	1.5
76	MP1A	X	-72.123	4.5
77	MP1A	Z	-41.64	4.5
78	MP1A	Mx	.084	4.5
79	MP1B	X	-40.037	1.5
80	MP1B	Z	-23.116	1.5
81	MP1B	Mx	1e-6	1.5
82	MP1B	X	-40.037	4.5
83	MP1B	Z	-23.116	4.5
84	MP1B	Mx	1e-6	4.5
85	MP1C	X	-72.123	1.5
86	MP1C	Z	-41.64	1.5
87	MP1C	Mx	-.084	1.5
88	MP1C	X	-72.123	4.5
89	MP1C	Z	-41.64	4.5
90	MP1C	Mx	-.084	4.5
91	MP5A	X	-72.123	1.5
92	MP5A	Z	-41.64	1.5
93	MP5A	Mx	.084	1.5
94	MP5A	X	-72.123	4.5
95	MP5A	Z	-41.64	4.5
96	MP5A	Mx	.084	4.5
97	MP5B	X	-40.037	1.5
98	MP5B	Z	-23.116	1.5
99	MP5B	Mx	1e-6	1.5
100	MP5B	X	-40.037	4.5
101	MP5B	Z	-23.116	4.5
102	MP5B	Mx	1e-6	4.5
103	MP5C	X	-72.123	1.5
104	MP5C	Z	-41.64	1.5
105	MP5C	Mx	-.084	1.5
106	MP5C	X	-72.123	4.5
107	MP5C	Z	-41.64	4.5
108	MP5C	Mx	-.084	4.5
109	OVP	X	-124.56	.75
110	OVP	Z	-71.915	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-35.293	2
2	MP4A	Z	-61.13	2
3	MP4A	Mx	.018	2
4	MP4A	X	-35.293	4
5	MP4A	Z	-61.13	4
6	MP4A	Mx	.018	4
7	MP4B	X	-35.293	2
8	MP4B	Z	-61.13	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4B	Mx	.018	2
10	MP4B	X	-35.293	4
11	MP4B	Z	-61.13	4
12	MP4B	Mx	.018	4
13	MP4C	X	-16.296	2
14	MP4C	Z	-28.226	2
15	MP4C	Mx	-.016	2
16	MP4C	X	-16.296	4
17	MP4C	Z	-28.226	4
18	MP4C	Mx	-.016	4
19	MP3A	X	-30.378	.75
20	MP3A	Z	-52.616	.75
21	MP3A	Mx	-.015	.75
22	MP3B	X	-30.378	.75
23	MP3B	Z	-52.616	.75
24	MP3B	Mx	-.015	.75
25	MP3C	X	-22.141	.75
26	MP3C	Z	-38.35	.75
27	MP3C	Mx	.022	.75
28	MP3A	X	-29.326	2.75
29	MP3A	Z	-50.794	2.75
30	MP3A	Mx	-.015	2.75
31	MP3B	X	-29.326	2.75
32	MP3B	Z	-50.794	2.75
33	MP3B	Mx	-.015	2.75
34	MP3C	X	-17.934	2.75
35	MP3C	Z	-31.063	2.75
36	MP3C	Mx	.018	2.75
37	MP2A	X	-66.15	1.33
38	MP2A	Z	-114.575	1.33
39	MP2A	Mx	-.017	1.33
40	MP2A	X	-66.15	5.33
41	MP2A	Z	-114.575	5.33
42	MP2A	Mx	-.017	5.33
43	MP2B	X	-66.15	1.33
44	MP2B	Z	-114.575	1.33
45	MP2B	Mx	.116	1.33
46	MP2B	X	-66.15	5.33
47	MP2B	Z	-114.575	5.33
48	MP2B	Mx	.116	5.33
49	MP2C	X	-47.792	1.33
50	MP2C	Z	-82.778	1.33
51	MP2C	Mx	-.072	1.33
52	MP2C	X	-47.792	5.33
53	MP2C	Z	-82.778	5.33
54	MP2C	Mx	-.072	5.33
55	MP2A	X	-66.15	1.33
56	MP2A	Z	-114.575	1.33
57	MP2A	Mx	.116	1.33
58	MP2A	X	-66.15	5.33
59	MP2A	Z	-114.575	5.33
60	MP2A	Mx	.116	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	-66.15	1.33
62	MP2B	Z	-114.575	1.33
63	MP2B	Mx	-.017	1.33
64	MP2B	X	-66.15	5.33
65	MP2B	Z	-114.575	5.33
66	MP2B	Mx	-.017	5.33
67	MP2C	X	-47.792	1.33
68	MP2C	Z	-82.778	1.33
69	MP2C	Mx	-.072	1.33
70	MP2C	X	-47.792	5.33
71	MP2C	Z	-82.778	5.33
72	MP2C	Mx	-.072	5.33
73	MP1A	X	-29.29	1.5
74	MP1A	Z	-50.733	1.5
75	MP1A	Mx	.034	1.5
76	MP1A	X	-29.29	4.5
77	MP1A	Z	-50.733	4.5
78	MP1A	Mx	.034	4.5
79	MP1B	X	-29.29	1.5
80	MP1B	Z	-50.733	1.5
81	MP1B	Mx	.034	1.5
82	MP1B	X	-29.29	4.5
83	MP1B	Z	-50.733	4.5
84	MP1B	Mx	.034	4.5
85	MP1C	X	-47.815	1.5
86	MP1C	Z	-82.818	1.5
87	MP1C	Mx	-.112	1.5
88	MP1C	X	-47.815	4.5
89	MP1C	Z	-82.818	4.5
90	MP1C	Mx	-.112	4.5
91	MP5A	X	-29.29	1.5
92	MP5A	Z	-50.733	1.5
93	MP5A	Mx	.034	1.5
94	MP5A	X	-29.29	4.5
95	MP5A	Z	-50.733	4.5
96	MP5A	Mx	.034	4.5
97	MP5B	X	-29.29	1.5
98	MP5B	Z	-50.733	1.5
99	MP5B	Mx	.034	1.5
100	MP5B	X	-29.29	4.5
101	MP5B	Z	-50.733	4.5
102	MP5B	Mx	.034	4.5
103	MP5C	X	-47.815	1.5
104	MP5C	Z	-82.818	1.5
105	MP5C	Mx	-.112	1.5
106	MP5C	X	-47.815	4.5
107	MP5C	Z	-82.818	4.5
108	MP5C	Mx	-.112	4.5
109	OVP	X	-67.653	.75
110	OVP	Z	-117.178	.75
111	OVP	Mx	0	.75

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	-17.749	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	-17.749	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	-10.101	2
9	MP4B	Mx	.004	2
10	MP4B	X	0	4
11	MP4B	Z	-10.101	4
12	MP4B	Mx	.004	4
13	MP4C	X	0	2
14	MP4C	Z	-10.101	2
15	MP4C	Mx	-.004	2
16	MP4C	X	0	4
17	MP4C	Z	-10.101	4
18	MP4C	Mx	-.004	4
19	MP3A	X	0	.75
20	MP3A	Z	-14.947	.75
21	MP3A	Mx	0	.75
22	MP3B	X	0	.75
23	MP3B	Z	-11.531	.75
24	MP3B	Mx	-.005	.75
25	MP3C	X	0	.75
26	MP3C	Z	-11.531	.75
27	MP3C	Mx	.005	.75
28	MP3A	X	0	2.75
29	MP3A	Z	-14.947	2.75
30	MP3A	Mx	0	2.75
31	MP3B	X	0	2.75
32	MP3B	Z	-10.232	2.75
33	MP3B	Mx	-.004	2.75
34	MP3C	X	0	2.75
35	MP3C	Z	-10.232	2.75
36	MP3C	Mx	.004	2.75
37	MP2A	X	0	1.33
38	MP2A	Z	-30.089	1.33
39	MP2A	Mx	-.018	1.33
40	MP2A	X	0	5.33
41	MP2A	Z	-30.089	5.33
42	MP2A	Mx	-.018	5.33
43	MP2B	X	0	1.33
44	MP2B	Z	-23.077	1.33
45	MP2B	Mx	.022	1.33
46	MP2B	X	0	5.33
47	MP2B	Z	-23.077	5.33
48	MP2B	Mx	.022	5.33
49	MP2C	X	0	1.33
50	MP2C	Z	-23.077	1.33
51	MP2C	Mx	-.008	1.33
52	MP2C	X	0	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	-23.077	5.33
54	MP2C	Mx	-.008	5.33
55	MP2A	X	0	1.33
56	MP2A	Z	-30.089	1.33
57	MP2A	Mx	.018	1.33
58	MP2A	X	0	5.33
59	MP2A	Z	-30.089	5.33
60	MP2A	Mx	.018	5.33
61	MP2B	X	0	1.33
62	MP2B	Z	-23.077	1.33
63	MP2B	Mx	.008	1.33
64	MP2B	X	0	5.33
65	MP2B	Z	-23.077	5.33
66	MP2B	Mx	.008	5.33
67	MP2C	X	0	1.33
68	MP2C	Z	-23.077	1.33
69	MP2C	Mx	-.022	1.33
70	MP2C	X	0	5.33
71	MP2C	Z	-23.077	5.33
72	MP2C	Mx	-.022	5.33
73	MP1A	X	0	1.5
74	MP1A	Z	-10.566	1.5
75	MP1A	Mx	0	1.5
76	MP1A	X	0	4.5
77	MP1A	Z	-10.566	4.5
78	MP1A	Mx	0	4.5
79	MP1B	X	0	1.5
80	MP1B	Z	-17.796	1.5
81	MP1B	Mx	.018	1.5
82	MP1B	X	0	4.5
83	MP1B	Z	-17.796	4.5
84	MP1B	Mx	.018	4.5
85	MP1C	X	0	1.5
86	MP1C	Z	-17.796	1.5
87	MP1C	Mx	-.018	1.5
88	MP1C	X	0	4.5
89	MP1C	Z	-17.796	4.5
90	MP1C	Mx	-.018	4.5
91	MP5A	X	0	1.5
92	MP5A	Z	-10.566	1.5
93	MP5A	Mx	0	1.5
94	MP5A	X	0	4.5
95	MP5A	Z	-10.566	4.5
96	MP5A	Mx	0	4.5
97	MP5B	X	0	1.5
98	MP5B	Z	-17.796	1.5
99	MP5B	Mx	.018	1.5
100	MP5B	X	0	4.5
101	MP5B	Z	-17.796	4.5
102	MP5B	Mx	.018	4.5
103	MP5C	X	0	1.5
104	MP5C	Z	-17.796	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP5C	Mx	-.018	1.5
106	MP5C	X	0	4.5
107	MP5C	Z	-17.796	4.5
108	MP5C	Mx	-.018	4.5
109	OVP	X	0	.75
110	OVP	Z	-25.708	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	7.6	2
2	MP4A	Z	-13.163	2
3	MP4A	Mx	-.004	2
4	MP4A	X	7.6	4
5	MP4A	Z	-13.163	4
6	MP4A	Mx	-.004	4
7	MP4B	X	3.776	2
8	MP4B	Z	-6.54	2
9	MP4B	Mx	.004	2
10	MP4B	X	3.776	4
11	MP4B	Z	-6.54	4
12	MP4B	Mx	.004	4
13	MP4C	X	7.6	2
14	MP4C	Z	-13.163	2
15	MP4C	Mx	-.004	2
16	MP4C	X	7.6	4
17	MP4C	Z	-13.163	4
18	MP4C	Mx	-.004	4
19	MP3A	X	6.904	.75
20	MP3A	Z	-11.959	.75
21	MP3A	Mx	.003	.75
22	MP3B	X	5.196	.75
23	MP3B	Z	-8.999	.75
24	MP3B	Mx	-.005	.75
25	MP3C	X	6.904	.75
26	MP3C	Z	-11.959	.75
27	MP3C	Mx	.003	.75
28	MP3A	X	6.688	2.75
29	MP3A	Z	-11.584	2.75
30	MP3A	Mx	.003	2.75
31	MP3B	X	4.33	2.75
32	MP3B	Z	-7.5	2.75
33	MP3B	Mx	-.004	2.75
34	MP3C	X	6.688	2.75
35	MP3C	Z	-11.584	2.75
36	MP3C	Mx	.003	2.75
37	MP2A	X	13.876	1.33
38	MP2A	Z	-24.033	1.33
39	MP2A	Mx	-.024	1.33
40	MP2A	X	13.876	5.33
41	MP2A	Z	-24.033	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	-.024	5.33
43	MP2B	X	10.37	1.33
44	MP2B	Z	-17.961	1.33
45	MP2B	Mx	.016	1.33
46	MP2B	X	10.37	5.33
47	MP2B	Z	-17.961	5.33
48	MP2B	Mx	.016	5.33
49	MP2C	X	13.876	1.33
50	MP2C	Z	-24.033	1.33
51	MP2C	Mx	.004	1.33
52	MP2C	X	13.876	5.33
53	MP2C	Z	-24.033	5.33
54	MP2C	Mx	.004	5.33
55	MP2A	X	13.876	1.33
56	MP2A	Z	-24.033	1.33
57	MP2A	Mx	.004	1.33
58	MP2A	X	13.876	5.33
59	MP2A	Z	-24.033	5.33
60	MP2A	Mx	.004	5.33
61	MP2B	X	10.37	1.33
62	MP2B	Z	-17.961	1.33
63	MP2B	Mx	.016	1.33
64	MP2B	X	10.37	5.33
65	MP2B	Z	-17.961	5.33
66	MP2B	Mx	.016	5.33
67	MP2C	X	13.876	1.33
68	MP2C	Z	-24.033	1.33
69	MP2C	Mx	-.024	1.33
70	MP2C	X	13.876	5.33
71	MP2C	Z	-24.033	5.33
72	MP2C	Mx	-.024	5.33
73	MP1A	X	6.488	1.5
74	MP1A	Z	-11.238	1.5
75	MP1A	Mx	-.008	1.5
76	MP1A	X	6.488	4.5
77	MP1A	Z	-11.238	4.5
78	MP1A	Mx	-.008	4.5
79	MP1B	X	10.103	1.5
80	MP1B	Z	-17.499	1.5
81	MP1B	Mx	.024	1.5
82	MP1B	X	10.103	4.5
83	MP1B	Z	-17.499	4.5
84	MP1B	Mx	.024	4.5
85	MP1C	X	6.488	1.5
86	MP1C	Z	-11.238	1.5
87	MP1C	Mx	-.008	1.5
88	MP1C	X	6.488	4.5
89	MP1C	Z	-11.238	4.5
90	MP1C	Mx	-.008	4.5
91	MP5A	X	6.488	1.5
92	MP5A	Z	-11.238	1.5
93	MP5A	Mx	-.008	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP5A	X	6.488	4.5
95	MP5A	Z	-11.238	4.5
96	MP5A	Mx	-.008	4.5
97	MP5B	X	10.103	1.5
98	MP5B	Z	-17.499	1.5
99	MP5B	Mx	.024	1.5
100	MP5B	X	10.103	4.5
101	MP5B	Z	-17.499	4.5
102	MP5B	Mx	.024	4.5
103	MP5C	X	6.488	1.5
104	MP5C	Z	-11.238	1.5
105	MP5C	Mx	-.008	1.5
106	MP5C	X	6.488	4.5
107	MP5C	Z	-11.238	4.5
108	MP5C	Mx	-.008	4.5
109	OVP	X	12.015	.75
110	OVP	Z	-20.811	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.748	2
2	MP4A	Z	-5.05	2
3	MP4A	Mx	-.004	2
4	MP4A	X	8.748	4
5	MP4A	Z	-5.05	4
6	MP4A	Mx	-.004	4
7	MP4B	X	8.748	2
8	MP4B	Z	-5.05	2
9	MP4B	Mx	.004	2
10	MP4B	X	8.748	4
11	MP4B	Z	-5.05	4
12	MP4B	Mx	.004	4
13	MP4C	X	15.371	2
14	MP4C	Z	-8.875	2
15	MP4C	Mx	0	2
16	MP4C	X	15.371	4
17	MP4C	Z	-8.875	4
18	MP4C	Mx	0	4
19	MP3A	X	9.986	.75
20	MP3A	Z	-5.765	.75
21	MP3A	Mx	.005	.75
22	MP3B	X	9.986	.75
23	MP3B	Z	-5.765	.75
24	MP3B	Mx	-.005	.75
25	MP3C	X	12.945	.75
26	MP3C	Z	-7.474	.75
27	MP3C	Mx	0	.75
28	MP3A	X	8.861	2.75
29	MP3A	Z	-5.116	2.75
30	MP3A	Mx	.004	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	8.861	2.75
32	MP3B	Z	-5.116	2.75
33	MP3B	Mx	-.004	2.75
34	MP3C	X	12.945	2.75
35	MP3C	Z	-7.474	2.75
36	MP3C	Mx	0	2.75
37	MP2A	X	19.985	1.33
38	MP2A	Z	-11.538	1.33
39	MP2A	Mx	-.022	1.33
40	MP2A	X	19.985	5.33
41	MP2A	Z	-11.538	5.33
42	MP2A	Mx	-.022	5.33
43	MP2B	X	19.985	1.33
44	MP2B	Z	-11.538	1.33
45	MP2B	Mx	.008	1.33
46	MP2B	X	19.985	5.33
47	MP2B	Z	-11.538	5.33
48	MP2B	Mx	.008	5.33
49	MP2C	X	26.058	1.33
50	MP2C	Z	-15.044	1.33
51	MP2C	Mx	.018	1.33
52	MP2C	X	26.058	5.33
53	MP2C	Z	-15.044	5.33
54	MP2C	Mx	.018	5.33
55	MP2A	X	19.985	1.33
56	MP2A	Z	-11.538	1.33
57	MP2A	Mx	-.008	1.33
58	MP2A	X	19.985	5.33
59	MP2A	Z	-11.538	5.33
60	MP2A	Mx	-.008	5.33
61	MP2B	X	19.985	1.33
62	MP2B	Z	-11.538	1.33
63	MP2B	Mx	.022	1.33
64	MP2B	X	19.985	5.33
65	MP2B	Z	-11.538	5.33
66	MP2B	Mx	.022	5.33
67	MP2C	X	26.058	1.33
68	MP2C	Z	-15.044	1.33
69	MP2C	Mx	-.018	1.33
70	MP2C	X	26.058	5.33
71	MP2C	Z	-15.044	5.33
72	MP2C	Mx	-.018	5.33
73	MP1A	X	15.412	1.5
74	MP1A	Z	-8.898	1.5
75	MP1A	Mx	-.018	1.5
76	MP1A	X	15.412	4.5
77	MP1A	Z	-8.898	4.5
78	MP1A	Mx	-.018	4.5
79	MP1B	X	15.412	1.5
80	MP1B	Z	-8.898	1.5
81	MP1B	Mx	.018	1.5
82	MP1B	X	15.412	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	Z	-8.898	4.5
84	MP1B	Mx	.018	4.5
85	MP1C	X	9.15	1.5
86	MP1C	Z	-5.283	1.5
87	MP1C	Mx	0	1.5
88	MP1C	X	9.15	4.5
89	MP1C	Z	-5.283	4.5
90	MP1C	Mx	0	4.5
91	MP5A	X	15.412	1.5
92	MP5A	Z	-8.898	1.5
93	MP5A	Mx	-.018	1.5
94	MP5A	X	15.412	4.5
95	MP5A	Z	-8.898	4.5
96	MP5A	Mx	-.018	4.5
97	MP5B	X	15.412	1.5
98	MP5B	Z	-8.898	1.5
99	MP5B	Mx	.018	1.5
100	MP5B	X	15.412	4.5
101	MP5B	Z	-8.898	4.5
102	MP5B	Mx	.018	4.5
103	MP5C	X	9.15	1.5
104	MP5C	Z	-5.283	1.5
105	MP5C	Mx	0	1.5
106	MP5C	X	9.15	4.5
107	MP5C	Z	-5.283	4.5
108	MP5C	Mx	0	4.5
109	OVP	X	22.264	.75
110	OVP	Z	-12.854	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	7.551	2
2	MP4A	Z	0	2
3	MP4A	Mx	-.004	2
4	MP4A	X	7.551	4
5	MP4A	Z	0	4
6	MP4A	Mx	-.004	4
7	MP4B	X	15.2	2
8	MP4B	Z	0	2
9	MP4B	Mx	.004	2
10	MP4B	X	15.2	4
11	MP4B	Z	0	4
12	MP4B	Mx	.004	4
13	MP4C	X	15.2	2
14	MP4C	Z	0	2
15	MP4C	Mx	.004	2
16	MP4C	X	15.2	4
17	MP4C	Z	0	4
18	MP4C	Mx	.004	4
19	MP3A	X	10.392	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP3A	Z	0	.75
21	MP3A	Mx	.005	.75
22	MP3B	X	13.809	.75
23	MP3B	Z	0	.75
24	MP3B	Mx	-.003	.75
25	MP3C	X	13.809	.75
26	MP3C	Z	0	.75
27	MP3C	Mx	-.003	.75
28	MP3A	X	8.66	2.75
29	MP3A	Z	0	2.75
30	MP3A	Mx	.004	2.75
31	MP3B	X	13.376	2.75
32	MP3B	Z	0	2.75
33	MP3B	Mx	-.003	2.75
34	MP3C	X	13.376	2.75
35	MP3C	Z	0	2.75
36	MP3C	Mx	-.003	2.75
37	MP2A	X	20.739	1.33
38	MP2A	Z	0	1.33
39	MP2A	Mx	-.016	1.33
40	MP2A	X	20.739	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	-.016	5.33
43	MP2B	X	27.751	1.33
44	MP2B	Z	0	1.33
45	MP2B	Mx	-.004	1.33
46	MP2B	X	27.751	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	-.004	5.33
49	MP2C	X	27.751	1.33
50	MP2C	Z	0	1.33
51	MP2C	Mx	.024	1.33
52	MP2C	X	27.751	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	.024	5.33
55	MP2A	X	20.739	1.33
56	MP2A	Z	0	1.33
57	MP2A	Mx	-.016	1.33
58	MP2A	X	20.739	5.33
59	MP2A	Z	0	5.33
60	MP2A	Mx	-.016	5.33
61	MP2B	X	27.751	1.33
62	MP2B	Z	0	1.33
63	MP2B	Mx	.024	1.33
64	MP2B	X	27.751	5.33
65	MP2B	Z	0	5.33
66	MP2B	Mx	.024	5.33
67	MP2C	X	27.751	1.33
68	MP2C	Z	0	1.33
69	MP2C	Mx	-.004	1.33
70	MP2C	X	27.751	5.33
71	MP2C	Z	0	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	-.004	5.33
73	MP1A	X	20.207	1.5
74	MP1A	Z	0	1.5
75	MP1A	Mx	-.024	1.5
76	MP1A	X	20.207	4.5
77	MP1A	Z	0	4.5
78	MP1A	Mx	-.024	4.5
79	MP1B	X	12.976	1.5
80	MP1B	Z	0	1.5
81	MP1B	Mx	.008	1.5
82	MP1B	X	12.976	4.5
83	MP1B	Z	0	4.5
84	MP1B	Mx	.008	4.5
85	MP1C	X	12.976	1.5
86	MP1C	Z	0	1.5
87	MP1C	Mx	.008	1.5
88	MP1C	X	12.976	4.5
89	MP1C	Z	0	4.5
90	MP1C	Mx	.008	4.5
91	MP5A	X	20.207	1.5
92	MP5A	Z	0	1.5
93	MP5A	Mx	-.024	1.5
94	MP5A	X	20.207	4.5
95	MP5A	Z	0	4.5
96	MP5A	Mx	-.024	4.5
97	MP5B	X	12.976	1.5
98	MP5B	Z	0	1.5
99	MP5B	Mx	.008	1.5
100	MP5B	X	12.976	4.5
101	MP5B	Z	0	4.5
102	MP5B	Mx	.008	4.5
103	MP5C	X	12.976	1.5
104	MP5C	Z	0	1.5
105	MP5C	Mx	.008	1.5
106	MP5C	X	12.976	4.5
107	MP5C	Z	0	4.5
108	MP5C	Mx	.008	4.5
109	OVP	X	29.063	.75
110	OVP	Z	0	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.748	2
2	MP4A	Z	5.05	2
3	MP4A	Mx	-.004	2
4	MP4A	X	8.748	4
5	MP4A	Z	5.05	4
6	MP4A	Mx	-.004	4
7	MP4B	X	15.371	2
8	MP4B	Z	8.875	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4B	Mx	0	2
10	MP4B	X	15.371	4
11	MP4B	Z	8.875	4
12	MP4B	Mx	0	4
13	MP4C	X	8.748	2
14	MP4C	Z	5.05	2
15	MP4C	Mx	.004	2
16	MP4C	X	8.748	4
17	MP4C	Z	5.05	4
18	MP4C	Mx	.004	4
19	MP3A	X	9.986	.75
20	MP3A	Z	5.765	.75
21	MP3A	Mx	.005	.75
22	MP3B	X	12.945	.75
23	MP3B	Z	7.474	.75
24	MP3B	Mx	0	.75
25	MP3C	X	9.986	.75
26	MP3C	Z	5.765	.75
27	MP3C	Mx	-.005	.75
28	MP3A	X	8.861	2.75
29	MP3A	Z	5.116	2.75
30	MP3A	Mx	.004	2.75
31	MP3B	X	12.945	2.75
32	MP3B	Z	7.474	2.75
33	MP3B	Mx	0	2.75
34	MP3C	X	8.861	2.75
35	MP3C	Z	5.116	2.75
36	MP3C	Mx	-.004	2.75
37	MP2A	X	19.985	1.33
38	MP2A	Z	11.538	1.33
39	MP2A	Mx	-.008	1.33
40	MP2A	X	19.985	5.33
41	MP2A	Z	11.538	5.33
42	MP2A	Mx	-.008	5.33
43	MP2B	X	26.058	1.33
44	MP2B	Z	15.044	1.33
45	MP2B	Mx	-.018	1.33
46	MP2B	X	26.058	5.33
47	MP2B	Z	15.044	5.33
48	MP2B	Mx	-.018	5.33
49	MP2C	X	19.985	1.33
50	MP2C	Z	11.538	1.33
51	MP2C	Mx	.022	1.33
52	MP2C	X	19.985	5.33
53	MP2C	Z	11.538	5.33
54	MP2C	Mx	.022	5.33
55	MP2A	X	19.985	1.33
56	MP2A	Z	11.538	1.33
57	MP2A	Mx	-.022	1.33
58	MP2A	X	19.985	5.33
59	MP2A	Z	11.538	5.33
60	MP2A	Mx	-.022	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	26.058	1.33
62	MP2B	Z	15.044	1.33
63	MP2B	Mx	.018	1.33
64	MP2B	X	26.058	5.33
65	MP2B	Z	15.044	5.33
66	MP2B	Mx	.018	5.33
67	MP2C	X	19.985	1.33
68	MP2C	Z	11.538	1.33
69	MP2C	Mx	.008	1.33
70	MP2C	X	19.985	5.33
71	MP2C	Z	11.538	5.33
72	MP2C	Mx	.008	5.33
73	MP1A	X	15.412	1.5
74	MP1A	Z	8.898	1.5
75	MP1A	Mx	-.018	1.5
76	MP1A	X	15.412	4.5
77	MP1A	Z	8.898	4.5
78	MP1A	Mx	-.018	4.5
79	MP1B	X	9.15	1.5
80	MP1B	Z	5.283	1.5
81	MP1B	Mx	0	1.5
82	MP1B	X	9.15	4.5
83	MP1B	Z	5.283	4.5
84	MP1B	Mx	0	4.5
85	MP1C	X	15.412	1.5
86	MP1C	Z	8.898	1.5
87	MP1C	Mx	.018	1.5
88	MP1C	X	15.412	4.5
89	MP1C	Z	8.898	4.5
90	MP1C	Mx	.018	4.5
91	MP5A	X	15.412	1.5
92	MP5A	Z	8.898	1.5
93	MP5A	Mx	-.018	1.5
94	MP5A	X	15.412	4.5
95	MP5A	Z	8.898	4.5
96	MP5A	Mx	-.018	4.5
97	MP5B	X	9.15	1.5
98	MP5B	Z	5.283	1.5
99	MP5B	Mx	0	1.5
100	MP5B	X	9.15	4.5
101	MP5B	Z	5.283	4.5
102	MP5B	Mx	0	4.5
103	MP5C	X	15.412	1.5
104	MP5C	Z	8.898	1.5
105	MP5C	Mx	.018	1.5
106	MP5C	X	15.412	4.5
107	MP5C	Z	8.898	4.5
108	MP5C	Mx	.018	4.5
109	OVP	X	26.622	.75
110	OVP	Z	15.37	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	7.6	2
2	MP4A	Z	13.163	2
3	MP4A	Mx	-.004	2
4	MP4A	X	7.6	4
5	MP4A	Z	13.163	4
6	MP4A	Mx	-.004	4
7	MP4B	X	7.6	2
8	MP4B	Z	13.163	2
9	MP4B	Mx	-.004	2
10	MP4B	X	7.6	4
11	MP4B	Z	13.163	4
12	MP4B	Mx	-.004	4
13	MP4C	X	3.776	2
14	MP4C	Z	6.54	2
15	MP4C	Mx	.004	2
16	MP4C	X	3.776	4
17	MP4C	Z	6.54	4
18	MP4C	Mx	.004	4
19	MP3A	X	6.904	.75
20	MP3A	Z	11.959	.75
21	MP3A	Mx	.003	.75
22	MP3B	X	6.904	.75
23	MP3B	Z	11.959	.75
24	MP3B	Mx	.003	.75
25	MP3C	X	5.196	.75
26	MP3C	Z	8.999	.75
27	MP3C	Mx	-.005	.75
28	MP3A	X	6.688	2.75
29	MP3A	Z	11.584	2.75
30	MP3A	Mx	.003	2.75
31	MP3B	X	6.688	2.75
32	MP3B	Z	11.584	2.75
33	MP3B	Mx	.003	2.75
34	MP3C	X	4.33	2.75
35	MP3C	Z	7.5	2.75
36	MP3C	Mx	-.004	2.75
37	MP2A	X	13.876	1.33
38	MP2A	Z	24.033	1.33
39	MP2A	Mx	.004	1.33
40	MP2A	X	13.876	5.33
41	MP2A	Z	24.033	5.33
42	MP2A	Mx	.004	5.33
43	MP2B	X	13.876	1.33
44	MP2B	Z	24.033	1.33
45	MP2B	Mx	-.024	1.33
46	MP2B	X	13.876	5.33
47	MP2B	Z	24.033	5.33
48	MP2B	Mx	-.024	5.33
49	MP2C	X	10.37	1.33
50	MP2C	Z	17.961	1.33
51	MP2C	Mx	.016	1.33
52	MP2C	X	10.37	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	17.961	5.33
54	MP2C	Mx	.016	5.33
55	MP2A	X	13.876	1.33
56	MP2A	Z	24.033	1.33
57	MP2A	Mx	-.024	1.33
58	MP2A	X	13.876	5.33
59	MP2A	Z	24.033	5.33
60	MP2A	Mx	-.024	5.33
61	MP2B	X	13.876	1.33
62	MP2B	Z	24.033	1.33
63	MP2B	Mx	.004	1.33
64	MP2B	X	13.876	5.33
65	MP2B	Z	24.033	5.33
66	MP2B	Mx	.004	5.33
67	MP2C	X	10.37	1.33
68	MP2C	Z	17.961	1.33
69	MP2C	Mx	.016	1.33
70	MP2C	X	10.37	5.33
71	MP2C	Z	17.961	5.33
72	MP2C	Mx	.016	5.33
73	MP1A	X	6.488	1.5
74	MP1A	Z	11.238	1.5
75	MP1A	Mx	-.008	1.5
76	MP1A	X	6.488	4.5
77	MP1A	Z	11.238	4.5
78	MP1A	Mx	-.008	4.5
79	MP1B	X	6.488	1.5
80	MP1B	Z	11.238	1.5
81	MP1B	Mx	-.008	1.5
82	MP1B	X	6.488	4.5
83	MP1B	Z	11.238	4.5
84	MP1B	Mx	-.008	4.5
85	MP1C	X	10.103	1.5
86	MP1C	Z	17.499	1.5
87	MP1C	Mx	.024	1.5
88	MP1C	X	10.103	4.5
89	MP1C	Z	17.499	4.5
90	MP1C	Mx	.024	4.5
91	MP5A	X	6.488	1.5
92	MP5A	Z	11.238	1.5
93	MP5A	Mx	-.008	1.5
94	MP5A	X	6.488	4.5
95	MP5A	Z	11.238	4.5
96	MP5A	Mx	-.008	4.5
97	MP5B	X	6.488	1.5
98	MP5B	Z	11.238	1.5
99	MP5B	Mx	-.008	1.5
100	MP5B	X	6.488	4.5
101	MP5B	Z	11.238	4.5
102	MP5B	Mx	-.008	4.5
103	MP5C	X	10.103	1.5
104	MP5C	Z	17.499	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP5C	Mx	.024	1.5
106	MP5C	X	10.103	4.5
107	MP5C	Z	17.499	4.5
108	MP5C	Mx	.024	4.5
109	OVP	X	14.531	.75
110	OVP	Z	25.169	.75
111	OVP	Mx	0	.75

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	17.749	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	17.749	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	10.101	2
9	MP4B	Mx	-.004	2
10	MP4B	X	0	4
11	MP4B	Z	10.101	4
12	MP4B	Mx	-.004	4
13	MP4C	X	0	2
14	MP4C	Z	10.101	2
15	MP4C	Mx	.004	2
16	MP4C	X	0	4
17	MP4C	Z	10.101	4
18	MP4C	Mx	.004	4
19	MP3A	X	0	.75
20	MP3A	Z	14.947	.75
21	MP3A	Mx	0	.75
22	MP3B	X	0	.75
23	MP3B	Z	11.531	.75
24	MP3B	Mx	.005	.75
25	MP3C	X	0	.75
26	MP3C	Z	11.531	.75
27	MP3C	Mx	-.005	.75
28	MP3A	X	0	2.75
29	MP3A	Z	14.947	2.75
30	MP3A	Mx	0	2.75
31	MP3B	X	0	2.75
32	MP3B	Z	10.232	2.75
33	MP3B	Mx	.004	2.75
34	MP3C	X	0	2.75
35	MP3C	Z	10.232	2.75
36	MP3C	Mx	-.004	2.75
37	MP2A	X	0	1.33
38	MP2A	Z	30.089	1.33
39	MP2A	Mx	.018	1.33
40	MP2A	X	0	5.33
41	MP2A	Z	30.089	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	.018	5.33
43	MP2B	X	0	1.33
44	MP2B	Z	23.077	1.33
45	MP2B	Mx	-.022	1.33
46	MP2B	X	0	5.33
47	MP2B	Z	23.077	5.33
48	MP2B	Mx	-.022	5.33
49	MP2C	X	0	1.33
50	MP2C	Z	23.077	1.33
51	MP2C	Mx	.008	1.33
52	MP2C	X	0	5.33
53	MP2C	Z	23.077	5.33
54	MP2C	Mx	.008	5.33
55	MP2A	X	0	1.33
56	MP2A	Z	30.089	1.33
57	MP2A	Mx	-.018	1.33
58	MP2A	X	0	5.33
59	MP2A	Z	30.089	5.33
60	MP2A	Mx	-.018	5.33
61	MP2B	X	0	1.33
62	MP2B	Z	23.077	1.33
63	MP2B	Mx	-.008	1.33
64	MP2B	X	0	5.33
65	MP2B	Z	23.077	5.33
66	MP2B	Mx	-.008	5.33
67	MP2C	X	0	1.33
68	MP2C	Z	23.077	1.33
69	MP2C	Mx	.022	1.33
70	MP2C	X	0	5.33
71	MP2C	Z	23.077	5.33
72	MP2C	Mx	.022	5.33
73	MP1A	X	0	1.5
74	MP1A	Z	10.566	1.5
75	MP1A	Mx	0	1.5
76	MP1A	X	0	4.5
77	MP1A	Z	10.566	4.5
78	MP1A	Mx	0	4.5
79	MP1B	X	0	1.5
80	MP1B	Z	17.796	1.5
81	MP1B	Mx	-.018	1.5
82	MP1B	X	0	4.5
83	MP1B	Z	17.796	4.5
84	MP1B	Mx	-.018	4.5
85	MP1C	X	0	1.5
86	MP1C	Z	17.796	1.5
87	MP1C	Mx	.018	1.5
88	MP1C	X	0	4.5
89	MP1C	Z	17.796	4.5
90	MP1C	Mx	.018	4.5
91	MP5A	X	0	1.5
92	MP5A	Z	10.566	1.5
93	MP5A	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP5A	X	0	4.5
95	MP5A	Z	10.566	4.5
96	MP5A	Mx	0	4.5
97	MP5B	X	0	1.5
98	MP5B	Z	17.796	1.5
99	MP5B	Mx	-.018	1.5
100	MP5B	X	0	4.5
101	MP5B	Z	17.796	4.5
102	MP5B	Mx	-.018	4.5
103	MP5C	X	0	1.5
104	MP5C	Z	17.796	1.5
105	MP5C	Mx	.018	1.5
106	MP5C	X	0	4.5
107	MP5C	Z	17.796	4.5
108	MP5C	Mx	.018	4.5
109	OVP	X	0	.75
110	OVP	Z	25.708	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-7.6	2
2	MP4A	Z	13.163	2
3	MP4A	Mx	.004	2
4	MP4A	X	-7.6	4
5	MP4A	Z	13.163	4
6	MP4A	Mx	.004	4
7	MP4B	X	-3.776	2
8	MP4B	Z	6.54	2
9	MP4B	Mx	-.004	2
10	MP4B	X	-3.776	4
11	MP4B	Z	6.54	4
12	MP4B	Mx	-.004	4
13	MP4C	X	-7.6	2
14	MP4C	Z	13.163	2
15	MP4C	Mx	.004	2
16	MP4C	X	-7.6	4
17	MP4C	Z	13.163	4
18	MP4C	Mx	.004	4
19	MP3A	X	-6.904	.75
20	MP3A	Z	11.959	.75
21	MP3A	Mx	-.003	.75
22	MP3B	X	-5.196	.75
23	MP3B	Z	8.999	.75
24	MP3B	Mx	.005	.75
25	MP3C	X	-6.904	.75
26	MP3C	Z	11.959	.75
27	MP3C	Mx	-.003	.75
28	MP3A	X	-6.688	2.75
29	MP3A	Z	11.584	2.75
30	MP3A	Mx	-.003	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	-4.33	2.75
32	MP3B	Z	7.5	2.75
33	MP3B	Mx	.004	2.75
34	MP3C	X	-6.688	2.75
35	MP3C	Z	11.584	2.75
36	MP3C	Mx	-.003	2.75
37	MP2A	X	-13.876	1.33
38	MP2A	Z	24.033	1.33
39	MP2A	Mx	.024	1.33
40	MP2A	X	-13.876	5.33
41	MP2A	Z	24.033	5.33
42	MP2A	Mx	.024	5.33
43	MP2B	X	-10.37	1.33
44	MP2B	Z	17.961	1.33
45	MP2B	Mx	-.016	1.33
46	MP2B	X	-10.37	5.33
47	MP2B	Z	17.961	5.33
48	MP2B	Mx	-.016	5.33
49	MP2C	X	-13.876	1.33
50	MP2C	Z	24.033	1.33
51	MP2C	Mx	-.004	1.33
52	MP2C	X	-13.876	5.33
53	MP2C	Z	24.033	5.33
54	MP2C	Mx	-.004	5.33
55	MP2A	X	-13.876	1.33
56	MP2A	Z	24.033	1.33
57	MP2A	Mx	-.004	1.33
58	MP2A	X	-13.876	5.33
59	MP2A	Z	24.033	5.33
60	MP2A	Mx	-.004	5.33
61	MP2B	X	-10.37	1.33
62	MP2B	Z	17.961	1.33
63	MP2B	Mx	-.016	1.33
64	MP2B	X	-10.37	5.33
65	MP2B	Z	17.961	5.33
66	MP2B	Mx	-.016	5.33
67	MP2C	X	-13.876	1.33
68	MP2C	Z	24.033	1.33
69	MP2C	Mx	.024	1.33
70	MP2C	X	-13.876	5.33
71	MP2C	Z	24.033	5.33
72	MP2C	Mx	.024	5.33
73	MP1A	X	-6.488	1.5
74	MP1A	Z	11.238	1.5
75	MP1A	Mx	.008	1.5
76	MP1A	X	-6.488	4.5
77	MP1A	Z	11.238	4.5
78	MP1A	Mx	.008	4.5
79	MP1B	X	-10.103	1.5
80	MP1B	Z	17.499	1.5
81	MP1B	Mx	-.024	1.5
82	MP1B	X	-10.103	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	Z	17.499	4.5
84	MP1B	Mx	-.024	4.5
85	MP1C	X	-6.488	1.5
86	MP1C	Z	11.238	1.5
87	MP1C	Mx	.008	1.5
88	MP1C	X	-6.488	4.5
89	MP1C	Z	11.238	4.5
90	MP1C	Mx	.008	4.5
91	MP5A	X	-6.488	1.5
92	MP5A	Z	11.238	1.5
93	MP5A	Mx	.008	1.5
94	MP5A	X	-6.488	4.5
95	MP5A	Z	11.238	4.5
96	MP5A	Mx	.008	4.5
97	MP5B	X	-10.103	1.5
98	MP5B	Z	17.499	1.5
99	MP5B	Mx	-.024	1.5
100	MP5B	X	-10.103	4.5
101	MP5B	Z	17.499	4.5
102	MP5B	Mx	-.024	4.5
103	MP5C	X	-6.488	1.5
104	MP5C	Z	11.238	1.5
105	MP5C	Mx	.008	1.5
106	MP5C	X	-6.488	4.5
107	MP5C	Z	11.238	4.5
108	MP5C	Mx	.008	4.5
109	OVP	X	-12.015	.75
110	OVP	Z	20.811	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.748	2
2	MP4A	Z	5.05	2
3	MP4A	Mx	.004	2
4	MP4A	X	-8.748	4
5	MP4A	Z	5.05	4
6	MP4A	Mx	.004	4
7	MP4B	X	-8.748	2
8	MP4B	Z	5.05	2
9	MP4B	Mx	-.004	2
10	MP4B	X	-8.748	4
11	MP4B	Z	5.05	4
12	MP4B	Mx	-.004	4
13	MP4C	X	-15.371	2
14	MP4C	Z	8.875	2
15	MP4C	Mx	0	2
16	MP4C	X	-15.371	4
17	MP4C	Z	8.875	4
18	MP4C	Mx	0	4
19	MP3A	X	-9.986	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP3A	Z	5.765	.75
21	MP3A	Mx	-.005	.75
22	MP3B	X	-9.986	.75
23	MP3B	Z	5.765	.75
24	MP3B	Mx	.005	.75
25	MP3C	X	-12.945	.75
26	MP3C	Z	7.474	.75
27	MP3C	Mx	0	.75
28	MP3A	X	-8.861	2.75
29	MP3A	Z	5.116	2.75
30	MP3A	Mx	-.004	2.75
31	MP3B	X	-8.861	2.75
32	MP3B	Z	5.116	2.75
33	MP3B	Mx	.004	2.75
34	MP3C	X	-12.945	2.75
35	MP3C	Z	7.474	2.75
36	MP3C	Mx	0	2.75
37	MP2A	X	-19.985	1.33
38	MP2A	Z	11.538	1.33
39	MP2A	Mx	.022	1.33
40	MP2A	X	-19.985	5.33
41	MP2A	Z	11.538	5.33
42	MP2A	Mx	.022	5.33
43	MP2B	X	-19.985	1.33
44	MP2B	Z	11.538	1.33
45	MP2B	Mx	-.008	1.33
46	MP2B	X	-19.985	5.33
47	MP2B	Z	11.538	5.33
48	MP2B	Mx	-.008	5.33
49	MP2C	X	-26.058	1.33
50	MP2C	Z	15.044	1.33
51	MP2C	Mx	-.018	1.33
52	MP2C	X	-26.058	5.33
53	MP2C	Z	15.044	5.33
54	MP2C	Mx	-.018	5.33
55	MP2A	X	-19.985	1.33
56	MP2A	Z	11.538	1.33
57	MP2A	Mx	.008	1.33
58	MP2A	X	-19.985	5.33
59	MP2A	Z	11.538	5.33
60	MP2A	Mx	.008	5.33
61	MP2B	X	-19.985	1.33
62	MP2B	Z	11.538	1.33
63	MP2B	Mx	-.022	1.33
64	MP2B	X	-19.985	5.33
65	MP2B	Z	11.538	5.33
66	MP2B	Mx	-.022	5.33
67	MP2C	X	-26.058	1.33
68	MP2C	Z	15.044	1.33
69	MP2C	Mx	.018	1.33
70	MP2C	X	-26.058	5.33
71	MP2C	Z	15.044	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	.018	5.33
73	MP1A	X	-15.412	1.5
74	MP1A	Z	8.898	1.5
75	MP1A	Mx	.018	1.5
76	MP1A	X	-15.412	4.5
77	MP1A	Z	8.898	4.5
78	MP1A	Mx	.018	4.5
79	MP1B	X	-15.412	1.5
80	MP1B	Z	8.898	1.5
81	MP1B	Mx	-.018	1.5
82	MP1B	X	-15.412	4.5
83	MP1B	Z	8.898	4.5
84	MP1B	Mx	-.018	4.5
85	MP1C	X	-9.15	1.5
86	MP1C	Z	5.283	1.5
87	MP1C	Mx	0	1.5
88	MP1C	X	-9.15	4.5
89	MP1C	Z	5.283	4.5
90	MP1C	Mx	0	4.5
91	MP5A	X	-15.412	1.5
92	MP5A	Z	8.898	1.5
93	MP5A	Mx	.018	1.5
94	MP5A	X	-15.412	4.5
95	MP5A	Z	8.898	4.5
96	MP5A	Mx	.018	4.5
97	MP5B	X	-15.412	1.5
98	MP5B	Z	8.898	1.5
99	MP5B	Mx	-.018	1.5
100	MP5B	X	-15.412	4.5
101	MP5B	Z	8.898	4.5
102	MP5B	Mx	-.018	4.5
103	MP5C	X	-9.15	1.5
104	MP5C	Z	5.283	1.5
105	MP5C	Mx	0	1.5
106	MP5C	X	-9.15	4.5
107	MP5C	Z	5.283	4.5
108	MP5C	Mx	0	4.5
109	OVP	X	-22.264	.75
110	OVP	Z	12.854	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-7.551	2
2	MP4A	Z	0	2
3	MP4A	Mx	.004	2
4	MP4A	X	-7.551	4
5	MP4A	Z	0	4
6	MP4A	Mx	.004	4
7	MP4B	X	-15.2	2
8	MP4B	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4B	Mx	-.004	2
10	MP4B	X	-15.2	4
11	MP4B	Z	0	4
12	MP4B	Mx	-.004	4
13	MP4C	X	-15.2	2
14	MP4C	Z	0	2
15	MP4C	Mx	-.004	2
16	MP4C	X	-15.2	4
17	MP4C	Z	0	4
18	MP4C	Mx	-.004	4
19	MP3A	X	-10.392	.75
20	MP3A	Z	0	.75
21	MP3A	Mx	-.005	.75
22	MP3B	X	-13.809	.75
23	MP3B	Z	0	.75
24	MP3B	Mx	.003	.75
25	MP3C	X	-13.809	.75
26	MP3C	Z	0	.75
27	MP3C	Mx	.003	.75
28	MP3A	X	-8.66	2.75
29	MP3A	Z	0	2.75
30	MP3A	Mx	-.004	2.75
31	MP3B	X	-13.376	2.75
32	MP3B	Z	0	2.75
33	MP3B	Mx	.003	2.75
34	MP3C	X	-13.376	2.75
35	MP3C	Z	0	2.75
36	MP3C	Mx	.003	2.75
37	MP2A	X	-20.739	1.33
38	MP2A	Z	0	1.33
39	MP2A	Mx	.016	1.33
40	MP2A	X	-20.739	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	.016	5.33
43	MP2B	X	-27.751	1.33
44	MP2B	Z	0	1.33
45	MP2B	Mx	.004	1.33
46	MP2B	X	-27.751	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	.004	5.33
49	MP2C	X	-27.751	1.33
50	MP2C	Z	0	1.33
51	MP2C	Mx	-.024	1.33
52	MP2C	X	-27.751	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	-.024	5.33
55	MP2A	X	-20.739	1.33
56	MP2A	Z	0	1.33
57	MP2A	Mx	.016	1.33
58	MP2A	X	-20.739	5.33
59	MP2A	Z	0	5.33
60	MP2A	Mx	.016	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	-27.751	1.33
62	MP2B	Z	0	1.33
63	MP2B	Mx	-.024	1.33
64	MP2B	X	-27.751	5.33
65	MP2B	Z	0	5.33
66	MP2B	Mx	-.024	5.33
67	MP2C	X	-27.751	1.33
68	MP2C	Z	0	1.33
69	MP2C	Mx	.004	1.33
70	MP2C	X	-27.751	5.33
71	MP2C	Z	0	5.33
72	MP2C	Mx	.004	5.33
73	MP1A	X	-20.207	1.5
74	MP1A	Z	0	1.5
75	MP1A	Mx	.024	1.5
76	MP1A	X	-20.207	4.5
77	MP1A	Z	0	4.5
78	MP1A	Mx	.024	4.5
79	MP1B	X	-12.976	1.5
80	MP1B	Z	0	1.5
81	MP1B	Mx	-.008	1.5
82	MP1B	X	-12.976	4.5
83	MP1B	Z	0	4.5
84	MP1B	Mx	-.008	4.5
85	MP1C	X	-12.976	1.5
86	MP1C	Z	0	1.5
87	MP1C	Mx	-.008	1.5
88	MP1C	X	-12.976	4.5
89	MP1C	Z	0	4.5
90	MP1C	Mx	-.008	4.5
91	MP5A	X	-20.207	1.5
92	MP5A	Z	0	1.5
93	MP5A	Mx	.024	1.5
94	MP5A	X	-20.207	4.5
95	MP5A	Z	0	4.5
96	MP5A	Mx	.024	4.5
97	MP5B	X	-12.976	1.5
98	MP5B	Z	0	1.5
99	MP5B	Mx	-.008	1.5
100	MP5B	X	-12.976	4.5
101	MP5B	Z	0	4.5
102	MP5B	Mx	-.008	4.5
103	MP5C	X	-12.976	1.5
104	MP5C	Z	0	1.5
105	MP5C	Mx	-.008	1.5
106	MP5C	X	-12.976	4.5
107	MP5C	Z	0	4.5
108	MP5C	Mx	-.008	4.5
109	OVP	X	-29.063	.75
110	OVP	Z	0	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.748	2
2	MP4A	Z	-5.05	2
3	MP4A	Mx	.004	2
4	MP4A	X	-8.748	4
5	MP4A	Z	-5.05	4
6	MP4A	Mx	.004	4
7	MP4B	X	-15.371	2
8	MP4B	Z	-8.875	2
9	MP4B	Mx	0	2
10	MP4B	X	-15.371	4
11	MP4B	Z	-8.875	4
12	MP4B	Mx	0	4
13	MP4C	X	-8.748	2
14	MP4C	Z	-5.05	2
15	MP4C	Mx	-.004	2
16	MP4C	X	-8.748	4
17	MP4C	Z	-5.05	4
18	MP4C	Mx	-.004	4
19	MP3A	X	-9.986	.75
20	MP3A	Z	-5.765	.75
21	MP3A	Mx	-.005	.75
22	MP3B	X	-12.945	.75
23	MP3B	Z	-7.474	.75
24	MP3B	Mx	0	.75
25	MP3C	X	-9.986	.75
26	MP3C	Z	-5.765	.75
27	MP3C	Mx	.005	.75
28	MP3A	X	-8.861	2.75
29	MP3A	Z	-5.116	2.75
30	MP3A	Mx	-.004	2.75
31	MP3B	X	-12.945	2.75
32	MP3B	Z	-7.474	2.75
33	MP3B	Mx	0	2.75
34	MP3C	X	-8.861	2.75
35	MP3C	Z	-5.116	2.75
36	MP3C	Mx	.004	2.75
37	MP2A	X	-19.985	1.33
38	MP2A	Z	-11.538	1.33
39	MP2A	Mx	.008	1.33
40	MP2A	X	-19.985	5.33
41	MP2A	Z	-11.538	5.33
42	MP2A	Mx	.008	5.33
43	MP2B	X	-26.058	1.33
44	MP2B	Z	-15.044	1.33
45	MP2B	Mx	.018	1.33
46	MP2B	X	-26.058	5.33
47	MP2B	Z	-15.044	5.33
48	MP2B	Mx	.018	5.33
49	MP2C	X	-19.985	1.33
50	MP2C	Z	-11.538	1.33
51	MP2C	Mx	-.022	1.33
52	MP2C	X	-19.985	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	-11.538	5.33
54	MP2C	Mx	-.022	5.33
55	MP2A	X	-19.985	1.33
56	MP2A	Z	-11.538	1.33
57	MP2A	Mx	.022	1.33
58	MP2A	X	-19.985	5.33
59	MP2A	Z	-11.538	5.33
60	MP2A	Mx	.022	5.33
61	MP2B	X	-26.058	1.33
62	MP2B	Z	-15.044	1.33
63	MP2B	Mx	-.018	1.33
64	MP2B	X	-26.058	5.33
65	MP2B	Z	-15.044	5.33
66	MP2B	Mx	-.018	5.33
67	MP2C	X	-19.985	1.33
68	MP2C	Z	-11.538	1.33
69	MP2C	Mx	-.008	1.33
70	MP2C	X	-19.985	5.33
71	MP2C	Z	-11.538	5.33
72	MP2C	Mx	-.008	5.33
73	MP1A	X	-15.412	1.5
74	MP1A	Z	-8.898	1.5
75	MP1A	Mx	.018	1.5
76	MP1A	X	-15.412	4.5
77	MP1A	Z	-8.898	4.5
78	MP1A	Mx	.018	4.5
79	MP1B	X	-9.15	1.5
80	MP1B	Z	-5.283	1.5
81	MP1B	Mx	0	1.5
82	MP1B	X	-9.15	4.5
83	MP1B	Z	-5.283	4.5
84	MP1B	Mx	0	4.5
85	MP1C	X	-15.412	1.5
86	MP1C	Z	-8.898	1.5
87	MP1C	Mx	-.018	1.5
88	MP1C	X	-15.412	4.5
89	MP1C	Z	-8.898	4.5
90	MP1C	Mx	-.018	4.5
91	MP5A	X	-15.412	1.5
92	MP5A	Z	-8.898	1.5
93	MP5A	Mx	.018	1.5
94	MP5A	X	-15.412	4.5
95	MP5A	Z	-8.898	4.5
96	MP5A	Mx	.018	4.5
97	MP5B	X	-9.15	1.5
98	MP5B	Z	-5.283	1.5
99	MP5B	Mx	0	1.5
100	MP5B	X	-9.15	4.5
101	MP5B	Z	-5.283	4.5
102	MP5B	Mx	0	4.5
103	MP5C	X	-15.412	1.5
104	MP5C	Z	-8.898	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP5C	Mx	-.018	1.5
106	MP5C	X	-15.412	4.5
107	MP5C	Z	-8.898	4.5
108	MP5C	Mx	-.018	4.5
109	OVP	X	-26.622	.75
110	OVP	Z	-15.37	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-7.6	2
2	MP4A	Z	-13.163	2
3	MP4A	Mx	.004	2
4	MP4A	X	-7.6	4
5	MP4A	Z	-13.163	4
6	MP4A	Mx	.004	4
7	MP4B	X	-7.6	2
8	MP4B	Z	-13.163	2
9	MP4B	Mx	.004	2
10	MP4B	X	-7.6	4
11	MP4B	Z	-13.163	4
12	MP4B	Mx	.004	4
13	MP4C	X	-3.776	2
14	MP4C	Z	-6.54	2
15	MP4C	Mx	-.004	2
16	MP4C	X	-3.776	4
17	MP4C	Z	-6.54	4
18	MP4C	Mx	-.004	4
19	MP3A	X	-6.904	.75
20	MP3A	Z	-11.959	.75
21	MP3A	Mx	-.003	.75
22	MP3B	X	-6.904	.75
23	MP3B	Z	-11.959	.75
24	MP3B	Mx	-.003	.75
25	MP3C	X	-5.196	.75
26	MP3C	Z	-8.999	.75
27	MP3C	Mx	.005	.75
28	MP3A	X	-6.688	2.75
29	MP3A	Z	-11.584	2.75
30	MP3A	Mx	-.003	2.75
31	MP3B	X	-6.688	2.75
32	MP3B	Z	-11.584	2.75
33	MP3B	Mx	-.003	2.75
34	MP3C	X	-4.33	2.75
35	MP3C	Z	-7.5	2.75
36	MP3C	Mx	.004	2.75
37	MP2A	X	-13.876	1.33
38	MP2A	Z	-24.033	1.33
39	MP2A	Mx	-.004	1.33
40	MP2A	X	-13.876	5.33
41	MP2A	Z	-24.033	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	-.004	5.33
43	MP2B	X	-13.876	1.33
44	MP2B	Z	-24.033	1.33
45	MP2B	Mx	.024	1.33
46	MP2B	X	-13.876	5.33
47	MP2B	Z	-24.033	5.33
48	MP2B	Mx	.024	5.33
49	MP2C	X	-10.37	1.33
50	MP2C	Z	-17.961	1.33
51	MP2C	Mx	-.016	1.33
52	MP2C	X	-10.37	5.33
53	MP2C	Z	-17.961	5.33
54	MP2C	Mx	-.016	5.33
55	MP2A	X	-13.876	1.33
56	MP2A	Z	-24.033	1.33
57	MP2A	Mx	.024	1.33
58	MP2A	X	-13.876	5.33
59	MP2A	Z	-24.033	5.33
60	MP2A	Mx	.024	5.33
61	MP2B	X	-13.876	1.33
62	MP2B	Z	-24.033	1.33
63	MP2B	Mx	-.004	1.33
64	MP2B	X	-13.876	5.33
65	MP2B	Z	-24.033	5.33
66	MP2B	Mx	-.004	5.33
67	MP2C	X	-10.37	1.33
68	MP2C	Z	-17.961	1.33
69	MP2C	Mx	-.016	1.33
70	MP2C	X	-10.37	5.33
71	MP2C	Z	-17.961	5.33
72	MP2C	Mx	-.016	5.33
73	MP1A	X	-6.488	1.5
74	MP1A	Z	-11.238	1.5
75	MP1A	Mx	.008	1.5
76	MP1A	X	-6.488	4.5
77	MP1A	Z	-11.238	4.5
78	MP1A	Mx	.008	4.5
79	MP1B	X	-6.488	1.5
80	MP1B	Z	-11.238	1.5
81	MP1B	Mx	.008	1.5
82	MP1B	X	-6.488	4.5
83	MP1B	Z	-11.238	4.5
84	MP1B	Mx	.008	4.5
85	MP1C	X	-10.103	1.5
86	MP1C	Z	-17.499	1.5
87	MP1C	Mx	-.024	1.5
88	MP1C	X	-10.103	4.5
89	MP1C	Z	-17.499	4.5
90	MP1C	Mx	-.024	4.5
91	MP5A	X	-6.488	1.5
92	MP5A	Z	-11.238	1.5
93	MP5A	Mx	.008	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP5A	X	-6.488	4.5
95	MP5A	Z	-11.238	4.5
96	MP5A	Mx	.008	4.5
97	MP5B	X	-6.488	1.5
98	MP5B	Z	-11.238	1.5
99	MP5B	Mx	.008	1.5
100	MP5B	X	-6.488	4.5
101	MP5B	Z	-11.238	4.5
102	MP5B	Mx	.008	4.5
103	MP5C	X	-10.103	1.5
104	MP5C	Z	-17.499	1.5
105	MP5C	Mx	-.024	1.5
106	MP5C	X	-10.103	4.5
107	MP5C	Z	-17.499	4.5
108	MP5C	Mx	-.024	4.5
109	OVP	X	-14.531	.75
110	OVP	Z	-25.169	.75
111	OVP	Mx	0	.75

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	-5.665	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	-5.665	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	-3.08	2
9	MP4B	Mx	.001	2
10	MP4B	X	0	4
11	MP4B	Z	-3.08	4
12	MP4B	Mx	.001	4
13	MP4C	X	0	2
14	MP4C	Z	-3.08	2
15	MP4C	Mx	-.001	2
16	MP4C	X	0	4
17	MP4C	Z	-3.08	4
18	MP4C	Mx	-.001	4
19	MP3A	X	0	.75
20	MP3A	Z	-4.508	.75
21	MP3A	Mx	0	.75
22	MP3B	X	0	.75
23	MP3B	Z	-3.387	.75
24	MP3B	Mx	-.001	.75
25	MP3C	X	0	.75
26	MP3C	Z	-3.387	.75
27	MP3C	Mx	.001	.75
28	MP3A	X	0	2.75
29	MP3A	Z	-4.508	2.75
30	MP3A	Mx	0	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	0	2.75
32	MP3B	Z	-2.958	2.75
33	MP3B	Mx	-.001	2.75
34	MP3C	X	0	2.75
35	MP3C	Z	-2.958	2.75
36	MP3C	Mx	.001	2.75
37	MP2A	X	0	1.33
38	MP2A	Z	-9.836	1.33
39	MP2A	Mx	-.006	1.33
40	MP2A	X	0	5.33
41	MP2A	Z	-9.836	5.33
42	MP2A	Mx	-.006	5.33
43	MP2B	X	0	1.33
44	MP2B	Z	-7.338	1.33
45	MP2B	Mx	.007	1.33
46	MP2B	X	0	5.33
47	MP2B	Z	-7.338	5.33
48	MP2B	Mx	.007	5.33
49	MP2C	X	0	1.33
50	MP2C	Z	-7.338	1.33
51	MP2C	Mx	-.003	1.33
52	MP2C	X	0	5.33
53	MP2C	Z	-7.338	5.33
54	MP2C	Mx	-.003	5.33
55	MP2A	X	0	1.33
56	MP2A	Z	-9.836	1.33
57	MP2A	Mx	.006	1.33
58	MP2A	X	0	5.33
59	MP2A	Z	-9.836	5.33
60	MP2A	Mx	.006	5.33
61	MP2B	X	0	1.33
62	MP2B	Z	-7.338	1.33
63	MP2B	Mx	.003	1.33
64	MP2B	X	0	5.33
65	MP2B	Z	-7.338	5.33
66	MP2B	Mx	.003	5.33
67	MP2C	X	0	1.33
68	MP2C	Z	-7.338	1.33
69	MP2C	Mx	-.007	1.33
70	MP2C	X	0	5.33
71	MP2C	Z	-7.338	5.33
72	MP2C	Mx	-.007	5.33
73	MP1A	X	0	1.5
74	MP1A	Z	-3.146	1.5
75	MP1A	Mx	0	1.5
76	MP1A	X	0	4.5
77	MP1A	Z	-3.146	4.5
78	MP1A	Mx	0	4.5
79	MP1B	X	0	1.5
80	MP1B	Z	-5.667	1.5
81	MP1B	Mx	.006	1.5
82	MP1B	X	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	Z	-5.667	4.5
84	MP1B	Mx	.006	4.5
85	MP1C	X	0	1.5
86	MP1C	Z	-5.667	1.5
87	MP1C	Mx	-.006	1.5
88	MP1C	X	0	4.5
89	MP1C	Z	-5.667	4.5
90	MP1C	Mx	-.006	4.5
91	MP5A	X	0	1.5
92	MP5A	Z	-3.146	1.5
93	MP5A	Mx	0	1.5
94	MP5A	X	0	4.5
95	MP5A	Z	-3.146	4.5
96	MP5A	Mx	0	4.5
97	MP5B	X	0	1.5
98	MP5B	Z	-5.667	1.5
99	MP5B	Mx	.006	1.5
100	MP5B	X	0	4.5
101	MP5B	Z	-5.667	4.5
102	MP5B	Mx	.006	4.5
103	MP5C	X	0	1.5
104	MP5C	Z	-5.667	1.5
105	MP5C	Mx	-.006	1.5
106	MP5C	X	0	4.5
107	MP5C	Z	-5.667	4.5
108	MP5C	Mx	-.006	4.5
109	OVP	X	0	.75
110	OVP	Z	-8.048	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.402	2
2	MP4A	Z	-4.16	2
3	MP4A	Mx	-.001	2
4	MP4A	X	2.402	4
5	MP4A	Z	-4.16	4
6	MP4A	Mx	-.001	4
7	MP4B	X	1.109	2
8	MP4B	Z	-1.921	2
9	MP4B	Mx	.001	2
10	MP4B	X	1.109	4
11	MP4B	Z	-1.921	4
12	MP4B	Mx	.001	4
13	MP4C	X	2.402	2
14	MP4C	Z	-4.16	2
15	MP4C	Mx	-.001	2
16	MP4C	X	2.402	4
17	MP4C	Z	-4.16	4
18	MP4C	Mx	-.001	4
19	MP3A	X	2.067	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP3A	Z	-3.581	.75
21	MP3A	Mx	.001	.75
22	MP3B	X	1.507	.75
23	MP3B	Z	-2.61	.75
24	MP3B	Mx	-.002	.75
25	MP3C	X	2.067	.75
26	MP3C	Z	-3.581	.75
27	MP3C	Mx	.001	.75
28	MP3A	X	1.996	2.75
29	MP3A	Z	-3.457	2.75
30	MP3A	Mx	.000998	2.75
31	MP3B	X	1.22	2.75
32	MP3B	Z	-2.114	2.75
33	MP3B	Mx	-.001	2.75
34	MP3C	X	1.996	2.75
35	MP3C	Z	-3.457	2.75
36	MP3C	Mx	.000998	2.75
37	MP2A	X	4.502	1.33
38	MP2A	Z	-7.797	1.33
39	MP2A	Mx	-.008	1.33
40	MP2A	X	4.502	5.33
41	MP2A	Z	-7.797	5.33
42	MP2A	Mx	-.008	5.33
43	MP2B	X	3.252	1.33
44	MP2B	Z	-5.633	1.33
45	MP2B	Mx	.005	1.33
46	MP2B	X	3.252	5.33
47	MP2B	Z	-5.633	5.33
48	MP2B	Mx	.005	5.33
49	MP2C	X	4.502	1.33
50	MP2C	Z	-7.797	1.33
51	MP2C	Mx	.001	1.33
52	MP2C	X	4.502	5.33
53	MP2C	Z	-7.797	5.33
54	MP2C	Mx	.001	5.33
55	MP2A	X	4.502	1.33
56	MP2A	Z	-7.797	1.33
57	MP2A	Mx	.001	1.33
58	MP2A	X	4.502	5.33
59	MP2A	Z	-7.797	5.33
60	MP2A	Mx	.001	5.33
61	MP2B	X	3.252	1.33
62	MP2B	Z	-5.633	1.33
63	MP2B	Mx	.005	1.33
64	MP2B	X	3.252	5.33
65	MP2B	Z	-5.633	5.33
66	MP2B	Mx	.005	5.33
67	MP2C	X	4.502	1.33
68	MP2C	Z	-7.797	1.33
69	MP2C	Mx	-.008	1.33
70	MP2C	X	4.502	5.33
71	MP2C	Z	-7.797	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	-.008	5.33
73	MP1A	X	1.993	1.5
74	MP1A	Z	-3.452	1.5
75	MP1A	Mx	-.002	1.5
76	MP1A	X	1.993	4.5
77	MP1A	Z	-3.452	4.5
78	MP1A	Mx	-.002	4.5
79	MP1B	X	3.254	1.5
80	MP1B	Z	-5.636	1.5
81	MP1B	Mx	.008	1.5
82	MP1B	X	3.254	4.5
83	MP1B	Z	-5.636	4.5
84	MP1B	Mx	.008	4.5
85	MP1C	X	1.993	1.5
86	MP1C	Z	-3.452	1.5
87	MP1C	Mx	-.002	1.5
88	MP1C	X	1.993	4.5
89	MP1C	Z	-3.452	4.5
90	MP1C	Mx	-.002	4.5
91	MP5A	X	1.993	1.5
92	MP5A	Z	-3.452	1.5
93	MP5A	Mx	-.002	1.5
94	MP5A	X	1.993	4.5
95	MP5A	Z	-3.452	4.5
96	MP5A	Mx	-.002	4.5
97	MP5B	X	3.254	1.5
98	MP5B	Z	-5.636	1.5
99	MP5B	Mx	.008	1.5
100	MP5B	X	3.254	4.5
101	MP5B	Z	-5.636	4.5
102	MP5B	Mx	.008	4.5
103	MP5C	X	1.993	1.5
104	MP5C	Z	-3.452	1.5
105	MP5C	Mx	-.002	1.5
106	MP5C	X	1.993	4.5
107	MP5C	Z	-3.452	4.5
108	MP5C	Mx	-.002	4.5
109	OVP	X	3.734	.75
110	OVP	Z	-6.467	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.667	2
2	MP4A	Z	-1.54	2
3	MP4A	Mx	-.001	2
4	MP4A	X	2.667	4
5	MP4A	Z	-1.54	4
6	MP4A	Mx	-.001	4
7	MP4B	X	2.667	2
8	MP4B	Z	-1.54	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4B	Mx	.001	2
10	MP4B	X	2.667	4
11	MP4B	Z	-1.54	4
12	MP4B	Mx	.001	4
13	MP4C	X	4.906	2
14	MP4C	Z	-2.833	2
15	MP4C	Mx	0	2
16	MP4C	X	4.906	4
17	MP4C	Z	-2.833	4
18	MP4C	Mx	0	4
19	MP3A	X	2.933	.75
20	MP3A	Z	-1.694	.75
21	MP3A	Mx	.001	.75
22	MP3B	X	2.933	.75
23	MP3B	Z	-1.694	.75
24	MP3B	Mx	-.001	.75
25	MP3C	X	3.904	.75
26	MP3C	Z	-2.254	.75
27	MP3C	Mx	0	.75
28	MP3A	X	2.562	2.75
29	MP3A	Z	-1.479	2.75
30	MP3A	Mx	.001	2.75
31	MP3B	X	2.562	2.75
32	MP3B	Z	-1.479	2.75
33	MP3B	Mx	-.001	2.75
34	MP3C	X	3.904	2.75
35	MP3C	Z	-2.254	2.75
36	MP3C	Mx	0	2.75
37	MP2A	X	6.355	1.33
38	MP2A	Z	-3.669	1.33
39	MP2A	Mx	-.007	1.33
40	MP2A	X	6.355	5.33
41	MP2A	Z	-3.669	5.33
42	MP2A	Mx	-.007	5.33
43	MP2B	X	6.355	1.33
44	MP2B	Z	-3.669	1.33
45	MP2B	Mx	.003	1.33
46	MP2B	X	6.355	5.33
47	MP2B	Z	-3.669	5.33
48	MP2B	Mx	.003	5.33
49	MP2C	X	8.518	1.33
50	MP2C	Z	-4.918	1.33
51	MP2C	Mx	.006	1.33
52	MP2C	X	8.518	5.33
53	MP2C	Z	-4.918	5.33
54	MP2C	Mx	.006	5.33
55	MP2A	X	6.355	1.33
56	MP2A	Z	-3.669	1.33
57	MP2A	Mx	-.003	1.33
58	MP2A	X	6.355	5.33
59	MP2A	Z	-3.669	5.33
60	MP2A	Mx	-.003	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	6.355	1.33
62	MP2B	Z	-3.669	1.33
63	MP2B	Mx	.007	1.33
64	MP2B	X	6.355	5.33
65	MP2B	Z	-3.669	5.33
66	MP2B	Mx	.007	5.33
67	MP2C	X	8.518	1.33
68	MP2C	Z	-4.918	1.33
69	MP2C	Mx	-.006	1.33
70	MP2C	X	8.518	5.33
71	MP2C	Z	-4.918	5.33
72	MP2C	Mx	-.006	5.33
73	MP1A	X	4.908	1.5
74	MP1A	Z	-2.834	1.5
75	MP1A	Mx	-.006	1.5
76	MP1A	X	4.908	4.5
77	MP1A	Z	-2.834	4.5
78	MP1A	Mx	-.006	4.5
79	MP1B	X	4.908	1.5
80	MP1B	Z	-2.834	1.5
81	MP1B	Mx	.006	1.5
82	MP1B	X	4.908	4.5
83	MP1B	Z	-2.834	4.5
84	MP1B	Mx	.006	4.5
85	MP1C	X	2.725	1.5
86	MP1C	Z	-1.573	1.5
87	MP1C	Mx	0	1.5
88	MP1C	X	2.725	4.5
89	MP1C	Z	-1.573	4.5
90	MP1C	Mx	0	4.5
91	MP5A	X	4.908	1.5
92	MP5A	Z	-2.834	1.5
93	MP5A	Mx	-.006	1.5
94	MP5A	X	4.908	4.5
95	MP5A	Z	-2.834	4.5
96	MP5A	Mx	-.006	4.5
97	MP5B	X	4.908	1.5
98	MP5B	Z	-2.834	1.5
99	MP5B	Mx	.006	1.5
100	MP5B	X	4.908	4.5
101	MP5B	Z	-2.834	4.5
102	MP5B	Mx	.006	4.5
103	MP5C	X	2.725	1.5
104	MP5C	Z	-1.573	1.5
105	MP5C	Mx	0	1.5
106	MP5C	X	2.725	4.5
107	MP5C	Z	-1.573	4.5
108	MP5C	Mx	0	4.5
109	OVP	X	6.97	.75
110	OVP	Z	-4.024	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.218	2
2	MP4A	Z	0	2
3	MP4A	Mx	-.001	2
4	MP4A	X	2.218	4
5	MP4A	Z	0	4
6	MP4A	Mx	-.001	4
7	MP4B	X	4.804	2
8	MP4B	Z	0	2
9	MP4B	Mx	.001	2
10	MP4B	X	4.804	4
11	MP4B	Z	0	4
12	MP4B	Mx	.001	4
13	MP4C	X	4.804	2
14	MP4C	Z	0	2
15	MP4C	Mx	.001	2
16	MP4C	X	4.804	4
17	MP4C	Z	0	4
18	MP4C	Mx	.001	4
19	MP3A	X	3.014	.75
20	MP3A	Z	0	.75
21	MP3A	Mx	.002	.75
22	MP3B	X	4.135	.75
23	MP3B	Z	0	.75
24	MP3B	Mx	-.001	.75
25	MP3C	X	4.135	.75
26	MP3C	Z	0	.75
27	MP3C	Mx	-.001	.75
28	MP3A	X	2.441	2.75
29	MP3A	Z	0	2.75
30	MP3A	Mx	.001	2.75
31	MP3B	X	3.991	2.75
32	MP3B	Z	0	2.75
33	MP3B	Mx	-.000998	2.75
34	MP3C	X	3.991	2.75
35	MP3C	Z	0	2.75
36	MP3C	Mx	-.000998	2.75
37	MP2A	X	6.505	1.33
38	MP2A	Z	0	1.33
39	MP2A	Mx	-.005	1.33
40	MP2A	X	6.505	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	-.005	5.33
43	MP2B	X	9.003	1.33
44	MP2B	Z	0	1.33
45	MP2B	Mx	-.001	1.33
46	MP2B	X	9.003	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	-.001	5.33
49	MP2C	X	9.003	1.33
50	MP2C	Z	0	1.33
51	MP2C	Mx	.008	1.33
52	MP2C	X	9.003	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	0	5.33
54	MP2C	Mx	.008	5.33
55	MP2A	X	6.505	1.33
56	MP2A	Z	0	1.33
57	MP2A	Mx	-.005	1.33
58	MP2A	X	6.505	5.33
59	MP2A	Z	0	5.33
60	MP2A	Mx	-.005	5.33
61	MP2B	X	9.003	1.33
62	MP2B	Z	0	1.33
63	MP2B	Mx	.008	1.33
64	MP2B	X	9.003	5.33
65	MP2B	Z	0	5.33
66	MP2B	Mx	.008	5.33
67	MP2C	X	9.003	1.33
68	MP2C	Z	0	1.33
69	MP2C	Mx	-.001	1.33
70	MP2C	X	9.003	5.33
71	MP2C	Z	0	5.33
72	MP2C	Mx	-.001	5.33
73	MP1A	X	6.508	1.5
74	MP1A	Z	0	1.5
75	MP1A	Mx	-.008	1.5
76	MP1A	X	6.508	4.5
77	MP1A	Z	0	4.5
78	MP1A	Mx	-.008	4.5
79	MP1B	X	3.987	1.5
80	MP1B	Z	0	1.5
81	MP1B	Mx	.002	1.5
82	MP1B	X	3.987	4.5
83	MP1B	Z	0	4.5
84	MP1B	Mx	.002	4.5
85	MP1C	X	3.987	1.5
86	MP1C	Z	0	1.5
87	MP1C	Mx	.002	1.5
88	MP1C	X	3.987	4.5
89	MP1C	Z	0	4.5
90	MP1C	Mx	.002	4.5
91	MP5A	X	6.508	1.5
92	MP5A	Z	0	1.5
93	MP5A	Mx	-.008	1.5
94	MP5A	X	6.508	4.5
95	MP5A	Z	0	4.5
96	MP5A	Mx	-.008	4.5
97	MP5B	X	3.987	1.5
98	MP5B	Z	0	1.5
99	MP5B	Mx	.002	1.5
100	MP5B	X	3.987	4.5
101	MP5B	Z	0	4.5
102	MP5B	Mx	.002	4.5
103	MP5C	X	3.987	1.5
104	MP5C	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP5C	Mx	.002	1.5
106	MP5C	X	3.987	4.5
107	MP5C	Z	0	4.5
108	MP5C	Mx	.002	4.5
109	OVP	X	9.208	.75
110	OVP	Z	0	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.667	2
2	MP4A	Z	1.54	2
3	MP4A	Mx	-.001	2
4	MP4A	X	2.667	4
5	MP4A	Z	1.54	4
6	MP4A	Mx	-.001	4
7	MP4B	X	4.906	2
8	MP4B	Z	2.833	2
9	MP4B	Mx	0	2
10	MP4B	X	4.906	4
11	MP4B	Z	2.833	4
12	MP4B	Mx	0	4
13	MP4C	X	2.667	2
14	MP4C	Z	1.54	2
15	MP4C	Mx	.001	2
16	MP4C	X	2.667	4
17	MP4C	Z	1.54	4
18	MP4C	Mx	.001	4
19	MP3A	X	2.933	.75
20	MP3A	Z	1.694	.75
21	MP3A	Mx	.001	.75
22	MP3B	X	3.904	.75
23	MP3B	Z	2.254	.75
24	MP3B	Mx	0	.75
25	MP3C	X	2.933	.75
26	MP3C	Z	1.694	.75
27	MP3C	Mx	-.001	.75
28	MP3A	X	2.562	2.75
29	MP3A	Z	1.479	2.75
30	MP3A	Mx	.001	2.75
31	MP3B	X	3.904	2.75
32	MP3B	Z	2.254	2.75
33	MP3B	Mx	0	2.75
34	MP3C	X	2.562	2.75
35	MP3C	Z	1.479	2.75
36	MP3C	Mx	-.001	2.75
37	MP2A	X	6.355	1.33
38	MP2A	Z	3.669	1.33
39	MP2A	Mx	-.003	1.33
40	MP2A	X	6.355	5.33
41	MP2A	Z	3.669	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	-.003	5.33
43	MP2B	X	8.518	1.33
44	MP2B	Z	4.918	1.33
45	MP2B	Mx	-.006	1.33
46	MP2B	X	8.518	5.33
47	MP2B	Z	4.918	5.33
48	MP2B	Mx	-.006	5.33
49	MP2C	X	6.355	1.33
50	MP2C	Z	3.669	1.33
51	MP2C	Mx	.007	1.33
52	MP2C	X	6.355	5.33
53	MP2C	Z	3.669	5.33
54	MP2C	Mx	.007	5.33
55	MP2A	X	6.355	1.33
56	MP2A	Z	3.669	1.33
57	MP2A	Mx	-.007	1.33
58	MP2A	X	6.355	5.33
59	MP2A	Z	3.669	5.33
60	MP2A	Mx	-.007	5.33
61	MP2B	X	8.518	1.33
62	MP2B	Z	4.918	1.33
63	MP2B	Mx	.006	1.33
64	MP2B	X	8.518	5.33
65	MP2B	Z	4.918	5.33
66	MP2B	Mx	.006	5.33
67	MP2C	X	6.355	1.33
68	MP2C	Z	3.669	1.33
69	MP2C	Mx	.003	1.33
70	MP2C	X	6.355	5.33
71	MP2C	Z	3.669	5.33
72	MP2C	Mx	.003	5.33
73	MP1A	X	4.908	1.5
74	MP1A	Z	2.834	1.5
75	MP1A	Mx	-.006	1.5
76	MP1A	X	4.908	4.5
77	MP1A	Z	2.834	4.5
78	MP1A	Mx	-.006	4.5
79	MP1B	X	2.725	1.5
80	MP1B	Z	1.573	1.5
81	MP1B	Mx	0	1.5
82	MP1B	X	2.725	4.5
83	MP1B	Z	1.573	4.5
84	MP1B	Mx	0	4.5
85	MP1C	X	4.908	1.5
86	MP1C	Z	2.834	1.5
87	MP1C	Mx	.006	1.5
88	MP1C	X	4.908	4.5
89	MP1C	Z	2.834	4.5
90	MP1C	Mx	.006	4.5
91	MP5A	X	4.908	1.5
92	MP5A	Z	2.834	1.5
93	MP5A	Mx	-.006	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP5A	X	4.908	4.5
95	MP5A	Z	2.834	4.5
96	MP5A	Mx	-.006	4.5
97	MP5B	X	2.725	1.5
98	MP5B	Z	1.573	1.5
99	MP5B	Mx	0	1.5
100	MP5B	X	2.725	4.5
101	MP5B	Z	1.573	4.5
102	MP5B	Mx	0	4.5
103	MP5C	X	4.908	1.5
104	MP5C	Z	2.834	1.5
105	MP5C	Mx	.006	1.5
106	MP5C	X	4.908	4.5
107	MP5C	Z	2.834	4.5
108	MP5C	Mx	.006	4.5
109	OVP	X	8.477	.75
110	OVP	Z	4.894	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.402	2
2	MP4A	Z	4.16	2
3	MP4A	Mx	-.001	2
4	MP4A	X	2.402	4
5	MP4A	Z	4.16	4
6	MP4A	Mx	-.001	4
7	MP4B	X	2.402	2
8	MP4B	Z	4.16	2
9	MP4B	Mx	-.001	2
10	MP4B	X	2.402	4
11	MP4B	Z	4.16	4
12	MP4B	Mx	-.001	4
13	MP4C	X	1.109	2
14	MP4C	Z	1.921	2
15	MP4C	Mx	.001	2
16	MP4C	X	1.109	4
17	MP4C	Z	1.921	4
18	MP4C	Mx	.001	4
19	MP3A	X	2.067	.75
20	MP3A	Z	3.581	.75
21	MP3A	Mx	.001	.75
22	MP3B	X	2.067	.75
23	MP3B	Z	3.581	.75
24	MP3B	Mx	.001	.75
25	MP3C	X	1.507	.75
26	MP3C	Z	2.61	.75
27	MP3C	Mx	-.002	.75
28	MP3A	X	1.996	2.75
29	MP3A	Z	3.457	2.75
30	MP3A	Mx	.000998	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	1.996	2.75
32	MP3B	Z	3.457	2.75
33	MP3B	Mx	.000998	2.75
34	MP3C	X	1.22	2.75
35	MP3C	Z	2.114	2.75
36	MP3C	Mx	-.001	2.75
37	MP2A	X	4.502	1.33
38	MP2A	Z	7.797	1.33
39	MP2A	Mx	.001	1.33
40	MP2A	X	4.502	5.33
41	MP2A	Z	7.797	5.33
42	MP2A	Mx	.001	5.33
43	MP2B	X	4.502	1.33
44	MP2B	Z	7.797	1.33
45	MP2B	Mx	-.008	1.33
46	MP2B	X	4.502	5.33
47	MP2B	Z	7.797	5.33
48	MP2B	Mx	-.008	5.33
49	MP2C	X	3.252	1.33
50	MP2C	Z	5.633	1.33
51	MP2C	Mx	.005	1.33
52	MP2C	X	3.252	5.33
53	MP2C	Z	5.633	5.33
54	MP2C	Mx	.005	5.33
55	MP2A	X	4.502	1.33
56	MP2A	Z	7.797	1.33
57	MP2A	Mx	-.008	1.33
58	MP2A	X	4.502	5.33
59	MP2A	Z	7.797	5.33
60	MP2A	Mx	-.008	5.33
61	MP2B	X	4.502	1.33
62	MP2B	Z	7.797	1.33
63	MP2B	Mx	.001	1.33
64	MP2B	X	4.502	5.33
65	MP2B	Z	7.797	5.33
66	MP2B	Mx	.001	5.33
67	MP2C	X	3.252	1.33
68	MP2C	Z	5.633	1.33
69	MP2C	Mx	.005	1.33
70	MP2C	X	3.252	5.33
71	MP2C	Z	5.633	5.33
72	MP2C	Mx	.005	5.33
73	MP1A	X	1.993	1.5
74	MP1A	Z	3.452	1.5
75	MP1A	Mx	-.002	1.5
76	MP1A	X	1.993	4.5
77	MP1A	Z	3.452	4.5
78	MP1A	Mx	-.002	4.5
79	MP1B	X	1.993	1.5
80	MP1B	Z	3.452	1.5
81	MP1B	Mx	-.002	1.5
82	MP1B	X	1.993	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	Z	3.452	4.5
84	MP1B	Mx	-.002	4.5
85	MP1C	X	3.254	1.5
86	MP1C	Z	5.636	1.5
87	MP1C	Mx	.008	1.5
88	MP1C	X	3.254	4.5
89	MP1C	Z	5.636	4.5
90	MP1C	Mx	.008	4.5
91	MP5A	X	1.993	1.5
92	MP5A	Z	3.452	1.5
93	MP5A	Mx	-.002	1.5
94	MP5A	X	1.993	4.5
95	MP5A	Z	3.452	4.5
96	MP5A	Mx	-.002	4.5
97	MP5B	X	1.993	1.5
98	MP5B	Z	3.452	1.5
99	MP5B	Mx	-.002	1.5
100	MP5B	X	1.993	4.5
101	MP5B	Z	3.452	4.5
102	MP5B	Mx	-.002	4.5
103	MP5C	X	3.254	1.5
104	MP5C	Z	5.636	1.5
105	MP5C	Mx	.008	1.5
106	MP5C	X	3.254	4.5
107	MP5C	Z	5.636	4.5
108	MP5C	Mx	.008	4.5
109	OVP	X	4.604	.75
110	OVP	Z	7.974	.75
111	OVP	Mx	0	.75

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	5.665	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	5.665	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	3.08	2
9	MP4B	Mx	-.001	2
10	MP4B	X	0	4
11	MP4B	Z	3.08	4
12	MP4B	Mx	-.001	4
13	MP4C	X	0	2
14	MP4C	Z	3.08	2
15	MP4C	Mx	.001	2
16	MP4C	X	0	4
17	MP4C	Z	3.08	4
18	MP4C	Mx	.001	4
19	MP3A	X	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP3A	Z	4.508	.75
21	MP3A	Mx	0	.75
22	MP3B	X	0	.75
23	MP3B	Z	3.387	.75
24	MP3B	Mx	.001	.75
25	MP3C	X	0	.75
26	MP3C	Z	3.387	.75
27	MP3C	Mx	-.001	.75
28	MP3A	X	0	2.75
29	MP3A	Z	4.508	2.75
30	MP3A	Mx	0	2.75
31	MP3B	X	0	2.75
32	MP3B	Z	2.958	2.75
33	MP3B	Mx	.001	2.75
34	MP3C	X	0	2.75
35	MP3C	Z	2.958	2.75
36	MP3C	Mx	-.001	2.75
37	MP2A	X	0	1.33
38	MP2A	Z	9.836	1.33
39	MP2A	Mx	.006	1.33
40	MP2A	X	0	5.33
41	MP2A	Z	9.836	5.33
42	MP2A	Mx	.006	5.33
43	MP2B	X	0	1.33
44	MP2B	Z	7.338	1.33
45	MP2B	Mx	-.007	1.33
46	MP2B	X	0	5.33
47	MP2B	Z	7.338	5.33
48	MP2B	Mx	-.007	5.33
49	MP2C	X	0	1.33
50	MP2C	Z	7.338	1.33
51	MP2C	Mx	.003	1.33
52	MP2C	X	0	5.33
53	MP2C	Z	7.338	5.33
54	MP2C	Mx	.003	5.33
55	MP2A	X	0	1.33
56	MP2A	Z	9.836	1.33
57	MP2A	Mx	-.006	1.33
58	MP2A	X	0	5.33
59	MP2A	Z	9.836	5.33
60	MP2A	Mx	-.006	5.33
61	MP2B	X	0	1.33
62	MP2B	Z	7.338	1.33
63	MP2B	Mx	-.003	1.33
64	MP2B	X	0	5.33
65	MP2B	Z	7.338	5.33
66	MP2B	Mx	-.003	5.33
67	MP2C	X	0	1.33
68	MP2C	Z	7.338	1.33
69	MP2C	Mx	.007	1.33
70	MP2C	X	0	5.33
71	MP2C	Z	7.338	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	.007	5.33
73	MP1A	X	0	1.5
74	MP1A	Z	3.146	1.5
75	MP1A	Mx	0	1.5
76	MP1A	X	0	4.5
77	MP1A	Z	3.146	4.5
78	MP1A	Mx	0	4.5
79	MP1B	X	0	1.5
80	MP1B	Z	5.667	1.5
81	MP1B	Mx	-.006	1.5
82	MP1B	X	0	4.5
83	MP1B	Z	5.667	4.5
84	MP1B	Mx	-.006	4.5
85	MP1C	X	0	1.5
86	MP1C	Z	5.667	1.5
87	MP1C	Mx	.006	1.5
88	MP1C	X	0	4.5
89	MP1C	Z	5.667	4.5
90	MP1C	Mx	.006	4.5
91	MP5A	X	0	1.5
92	MP5A	Z	3.146	1.5
93	MP5A	Mx	0	1.5
94	MP5A	X	0	4.5
95	MP5A	Z	3.146	4.5
96	MP5A	Mx	0	4.5
97	MP5B	X	0	1.5
98	MP5B	Z	5.667	1.5
99	MP5B	Mx	-.006	1.5
100	MP5B	X	0	4.5
101	MP5B	Z	5.667	4.5
102	MP5B	Mx	-.006	4.5
103	MP5C	X	0	1.5
104	MP5C	Z	5.667	1.5
105	MP5C	Mx	.006	1.5
106	MP5C	X	0	4.5
107	MP5C	Z	5.667	4.5
108	MP5C	Mx	.006	4.5
109	OVP	X	0	.75
110	OVP	Z	8.048	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.402	2
2	MP4A	Z	4.16	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.402	4
5	MP4A	Z	4.16	4
6	MP4A	Mx	.001	4
7	MP4B	X	-1.109	2
8	MP4B	Z	1.921	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4B	Mx	-.001	2
10	MP4B	X	-1.109	4
11	MP4B	Z	1.921	4
12	MP4B	Mx	-.001	4
13	MP4C	X	-2.402	2
14	MP4C	Z	4.16	2
15	MP4C	Mx	.001	2
16	MP4C	X	-2.402	4
17	MP4C	Z	4.16	4
18	MP4C	Mx	.001	4
19	MP3A	X	-2.067	.75
20	MP3A	Z	3.581	.75
21	MP3A	Mx	-.001	.75
22	MP3B	X	-1.507	.75
23	MP3B	Z	2.61	.75
24	MP3B	Mx	.002	.75
25	MP3C	X	-2.067	.75
26	MP3C	Z	3.581	.75
27	MP3C	Mx	-.001	.75
28	MP3A	X	-1.996	2.75
29	MP3A	Z	3.457	2.75
30	MP3A	Mx	-.000998	2.75
31	MP3B	X	-1.22	2.75
32	MP3B	Z	2.114	2.75
33	MP3B	Mx	.001	2.75
34	MP3C	X	-1.996	2.75
35	MP3C	Z	3.457	2.75
36	MP3C	Mx	-.000998	2.75
37	MP2A	X	-4.502	1.33
38	MP2A	Z	7.797	1.33
39	MP2A	Mx	.008	1.33
40	MP2A	X	-4.502	5.33
41	MP2A	Z	7.797	5.33
42	MP2A	Mx	.008	5.33
43	MP2B	X	-3.252	1.33
44	MP2B	Z	5.633	1.33
45	MP2B	Mx	-.005	1.33
46	MP2B	X	-3.252	5.33
47	MP2B	Z	5.633	5.33
48	MP2B	Mx	-.005	5.33
49	MP2C	X	-4.502	1.33
50	MP2C	Z	7.797	1.33
51	MP2C	Mx	-.001	1.33
52	MP2C	X	-4.502	5.33
53	MP2C	Z	7.797	5.33
54	MP2C	Mx	-.001	5.33
55	MP2A	X	-4.502	1.33
56	MP2A	Z	7.797	1.33
57	MP2A	Mx	-.001	1.33
58	MP2A	X	-4.502	5.33
59	MP2A	Z	7.797	5.33
60	MP2A	Mx	-.001	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	-3.252	1.33
62	MP2B	Z	5.633	1.33
63	MP2B	Mx	-.005	1.33
64	MP2B	X	-3.252	5.33
65	MP2B	Z	5.633	5.33
66	MP2B	Mx	-.005	5.33
67	MP2C	X	-4.502	1.33
68	MP2C	Z	7.797	1.33
69	MP2C	Mx	.008	1.33
70	MP2C	X	-4.502	5.33
71	MP2C	Z	7.797	5.33
72	MP2C	Mx	.008	5.33
73	MP1A	X	-1.993	1.5
74	MP1A	Z	3.452	1.5
75	MP1A	Mx	.002	1.5
76	MP1A	X	-1.993	4.5
77	MP1A	Z	3.452	4.5
78	MP1A	Mx	.002	4.5
79	MP1B	X	-3.254	1.5
80	MP1B	Z	5.636	1.5
81	MP1B	Mx	-.008	1.5
82	MP1B	X	-3.254	4.5
83	MP1B	Z	5.636	4.5
84	MP1B	Mx	-.008	4.5
85	MP1C	X	-1.993	1.5
86	MP1C	Z	3.452	1.5
87	MP1C	Mx	.002	1.5
88	MP1C	X	-1.993	4.5
89	MP1C	Z	3.452	4.5
90	MP1C	Mx	.002	4.5
91	MP5A	X	-1.993	1.5
92	MP5A	Z	3.452	1.5
93	MP5A	Mx	.002	1.5
94	MP5A	X	-1.993	4.5
95	MP5A	Z	3.452	4.5
96	MP5A	Mx	.002	4.5
97	MP5B	X	-3.254	1.5
98	MP5B	Z	5.636	1.5
99	MP5B	Mx	-.008	1.5
100	MP5B	X	-3.254	4.5
101	MP5B	Z	5.636	4.5
102	MP5B	Mx	-.008	4.5
103	MP5C	X	-1.993	1.5
104	MP5C	Z	3.452	1.5
105	MP5C	Mx	.002	1.5
106	MP5C	X	-1.993	4.5
107	MP5C	Z	3.452	4.5
108	MP5C	Mx	.002	4.5
109	OVP	X	-3.734	.75
110	OVP	Z	6.467	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.667	2
2	MP4A	Z	1.54	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.667	4
5	MP4A	Z	1.54	4
6	MP4A	Mx	.001	4
7	MP4B	X	-2.667	2
8	MP4B	Z	1.54	2
9	MP4B	Mx	-.001	2
10	MP4B	X	-2.667	4
11	MP4B	Z	1.54	4
12	MP4B	Mx	-.001	4
13	MP4C	X	-4.906	2
14	MP4C	Z	2.833	2
15	MP4C	Mx	0	2
16	MP4C	X	-4.906	4
17	MP4C	Z	2.833	4
18	MP4C	Mx	0	4
19	MP3A	X	-2.933	.75
20	MP3A	Z	1.694	.75
21	MP3A	Mx	-.001	.75
22	MP3B	X	-2.933	.75
23	MP3B	Z	1.694	.75
24	MP3B	Mx	.001	.75
25	MP3C	X	-3.904	.75
26	MP3C	Z	2.254	.75
27	MP3C	Mx	0	.75
28	MP3A	X	-2.562	2.75
29	MP3A	Z	1.479	2.75
30	MP3A	Mx	-.001	2.75
31	MP3B	X	-2.562	2.75
32	MP3B	Z	1.479	2.75
33	MP3B	Mx	.001	2.75
34	MP3C	X	-3.904	2.75
35	MP3C	Z	2.254	2.75
36	MP3C	Mx	0	2.75
37	MP2A	X	-6.355	1.33
38	MP2A	Z	3.669	1.33
39	MP2A	Mx	.007	1.33
40	MP2A	X	-6.355	5.33
41	MP2A	Z	3.669	5.33
42	MP2A	Mx	.007	5.33
43	MP2B	X	-6.355	1.33
44	MP2B	Z	3.669	1.33
45	MP2B	Mx	-.003	1.33
46	MP2B	X	-6.355	5.33
47	MP2B	Z	3.669	5.33
48	MP2B	Mx	-.003	5.33
49	MP2C	X	-8.518	1.33
50	MP2C	Z	4.918	1.33
51	MP2C	Mx	-.006	1.33
52	MP2C	X	-8.518	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	4.918	5.33
54	MP2C	Mx	-.006	5.33
55	MP2A	X	-6.355	1.33
56	MP2A	Z	3.669	1.33
57	MP2A	Mx	.003	1.33
58	MP2A	X	-6.355	5.33
59	MP2A	Z	3.669	5.33
60	MP2A	Mx	.003	5.33
61	MP2B	X	-6.355	1.33
62	MP2B	Z	3.669	1.33
63	MP2B	Mx	-.007	1.33
64	MP2B	X	-6.355	5.33
65	MP2B	Z	3.669	5.33
66	MP2B	Mx	-.007	5.33
67	MP2C	X	-8.518	1.33
68	MP2C	Z	4.918	1.33
69	MP2C	Mx	.006	1.33
70	MP2C	X	-8.518	5.33
71	MP2C	Z	4.918	5.33
72	MP2C	Mx	.006	5.33
73	MP1A	X	-4.908	1.5
74	MP1A	Z	2.834	1.5
75	MP1A	Mx	.006	1.5
76	MP1A	X	-4.908	4.5
77	MP1A	Z	2.834	4.5
78	MP1A	Mx	.006	4.5
79	MP1B	X	-4.908	1.5
80	MP1B	Z	2.834	1.5
81	MP1B	Mx	-.006	1.5
82	MP1B	X	-4.908	4.5
83	MP1B	Z	2.834	4.5
84	MP1B	Mx	-.006	4.5
85	MP1C	X	-2.725	1.5
86	MP1C	Z	1.573	1.5
87	MP1C	Mx	0	1.5
88	MP1C	X	-2.725	4.5
89	MP1C	Z	1.573	4.5
90	MP1C	Mx	0	4.5
91	MP5A	X	-4.908	1.5
92	MP5A	Z	2.834	1.5
93	MP5A	Mx	.006	1.5
94	MP5A	X	-4.908	4.5
95	MP5A	Z	2.834	4.5
96	MP5A	Mx	.006	4.5
97	MP5B	X	-4.908	1.5
98	MP5B	Z	2.834	1.5
99	MP5B	Mx	-.006	1.5
100	MP5B	X	-4.908	4.5
101	MP5B	Z	2.834	4.5
102	MP5B	Mx	-.006	4.5
103	MP5C	X	-2.725	1.5
104	MP5C	Z	1.573	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP5C	Mx	0	1.5
106	MP5C	X	-2.725	4.5
107	MP5C	Z	1.573	4.5
108	MP5C	Mx	0	4.5
109	OVP	X	-6.97	.75
110	OVP	Z	4.024	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.218	2
2	MP4A	Z	0	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.218	4
5	MP4A	Z	0	4
6	MP4A	Mx	.001	4
7	MP4B	X	-4.804	2
8	MP4B	Z	0	2
9	MP4B	Mx	-.001	2
10	MP4B	X	-4.804	4
11	MP4B	Z	0	4
12	MP4B	Mx	-.001	4
13	MP4C	X	-4.804	2
14	MP4C	Z	0	2
15	MP4C	Mx	-.001	2
16	MP4C	X	-4.804	4
17	MP4C	Z	0	4
18	MP4C	Mx	-.001	4
19	MP3A	X	-3.014	.75
20	MP3A	Z	0	.75
21	MP3A	Mx	-.002	.75
22	MP3B	X	-4.135	.75
23	MP3B	Z	0	.75
24	MP3B	Mx	.001	.75
25	MP3C	X	-4.135	.75
26	MP3C	Z	0	.75
27	MP3C	Mx	.001	.75
28	MP3A	X	-2.441	2.75
29	MP3A	Z	0	2.75
30	MP3A	Mx	-.001	2.75
31	MP3B	X	-3.991	2.75
32	MP3B	Z	0	2.75
33	MP3B	Mx	.000998	2.75
34	MP3C	X	-3.991	2.75
35	MP3C	Z	0	2.75
36	MP3C	Mx	.000998	2.75
37	MP2A	X	-6.505	1.33
38	MP2A	Z	0	1.33
39	MP2A	Mx	.005	1.33
40	MP2A	X	-6.505	5.33
41	MP2A	Z	0	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	.005	5.33
43	MP2B	X	-9.003	1.33
44	MP2B	Z	0	1.33
45	MP2B	Mx	.001	1.33
46	MP2B	X	-9.003	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	.001	5.33
49	MP2C	X	-9.003	1.33
50	MP2C	Z	0	1.33
51	MP2C	Mx	-.008	1.33
52	MP2C	X	-9.003	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	-.008	5.33
55	MP2A	X	-6.505	1.33
56	MP2A	Z	0	1.33
57	MP2A	Mx	.005	1.33
58	MP2A	X	-6.505	5.33
59	MP2A	Z	0	5.33
60	MP2A	Mx	.005	5.33
61	MP2B	X	-9.003	1.33
62	MP2B	Z	0	1.33
63	MP2B	Mx	-.008	1.33
64	MP2B	X	-9.003	5.33
65	MP2B	Z	0	5.33
66	MP2B	Mx	-.008	5.33
67	MP2C	X	-9.003	1.33
68	MP2C	Z	0	1.33
69	MP2C	Mx	.001	1.33
70	MP2C	X	-9.003	5.33
71	MP2C	Z	0	5.33
72	MP2C	Mx	.001	5.33
73	MP1A	X	-6.508	1.5
74	MP1A	Z	0	1.5
75	MP1A	Mx	.008	1.5
76	MP1A	X	-6.508	4.5
77	MP1A	Z	0	4.5
78	MP1A	Mx	.008	4.5
79	MP1B	X	-3.987	1.5
80	MP1B	Z	0	1.5
81	MP1B	Mx	-.002	1.5
82	MP1B	X	-3.987	4.5
83	MP1B	Z	0	4.5
84	MP1B	Mx	-.002	4.5
85	MP1C	X	-3.987	1.5
86	MP1C	Z	0	1.5
87	MP1C	Mx	-.002	1.5
88	MP1C	X	-3.987	4.5
89	MP1C	Z	0	4.5
90	MP1C	Mx	-.002	4.5
91	MP5A	X	-6.508	1.5
92	MP5A	Z	0	1.5
93	MP5A	Mx	.008	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP5A	X	-6.508	4.5
95	MP5A	Z	0	4.5
96	MP5A	Mx	.008	4.5
97	MP5B	X	-3.987	1.5
98	MP5B	Z	0	1.5
99	MP5B	Mx	-.002	1.5
100	MP5B	X	-3.987	4.5
101	MP5B	Z	0	4.5
102	MP5B	Mx	-.002	4.5
103	MP5C	X	-3.987	1.5
104	MP5C	Z	0	1.5
105	MP5C	Mx	-.002	1.5
106	MP5C	X	-3.987	4.5
107	MP5C	Z	0	4.5
108	MP5C	Mx	-.002	4.5
109	OVP	X	-9.208	.75
110	OVP	Z	0	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.667	2
2	MP4A	Z	-1.54	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.667	4
5	MP4A	Z	-1.54	4
6	MP4A	Mx	.001	4
7	MP4B	X	-4.906	2
8	MP4B	Z	-2.833	2
9	MP4B	Mx	0	2
10	MP4B	X	-4.906	4
11	MP4B	Z	-2.833	4
12	MP4B	Mx	0	4
13	MP4C	X	-2.667	2
14	MP4C	Z	-1.54	2
15	MP4C	Mx	-.001	2
16	MP4C	X	-2.667	4
17	MP4C	Z	-1.54	4
18	MP4C	Mx	-.001	4
19	MP3A	X	-2.933	.75
20	MP3A	Z	-1.694	.75
21	MP3A	Mx	-.001	.75
22	MP3B	X	-3.904	.75
23	MP3B	Z	-2.254	.75
24	MP3B	Mx	0	.75
25	MP3C	X	-2.933	.75
26	MP3C	Z	-1.694	.75
27	MP3C	Mx	.001	.75
28	MP3A	X	-2.562	2.75
29	MP3A	Z	-1.479	2.75
30	MP3A	Mx	-.001	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	-3.904	2.75
32	MP3B	Z	-2.254	2.75
33	MP3B	Mx	0	2.75
34	MP3C	X	-2.562	2.75
35	MP3C	Z	-1.479	2.75
36	MP3C	Mx	.001	2.75
37	MP2A	X	-6.355	1.33
38	MP2A	Z	-3.669	1.33
39	MP2A	Mx	.003	1.33
40	MP2A	X	-6.355	5.33
41	MP2A	Z	-3.669	5.33
42	MP2A	Mx	.003	5.33
43	MP2B	X	-8.518	1.33
44	MP2B	Z	-4.918	1.33
45	MP2B	Mx	.006	1.33
46	MP2B	X	-8.518	5.33
47	MP2B	Z	-4.918	5.33
48	MP2B	Mx	.006	5.33
49	MP2C	X	-6.355	1.33
50	MP2C	Z	-3.669	1.33
51	MP2C	Mx	-.007	1.33
52	MP2C	X	-6.355	5.33
53	MP2C	Z	-3.669	5.33
54	MP2C	Mx	-.007	5.33
55	MP2A	X	-6.355	1.33
56	MP2A	Z	-3.669	1.33
57	MP2A	Mx	.007	1.33
58	MP2A	X	-6.355	5.33
59	MP2A	Z	-3.669	5.33
60	MP2A	Mx	.007	5.33
61	MP2B	X	-8.518	1.33
62	MP2B	Z	-4.918	1.33
63	MP2B	Mx	-.006	1.33
64	MP2B	X	-8.518	5.33
65	MP2B	Z	-4.918	5.33
66	MP2B	Mx	-.006	5.33
67	MP2C	X	-6.355	1.33
68	MP2C	Z	-3.669	1.33
69	MP2C	Mx	-.003	1.33
70	MP2C	X	-6.355	5.33
71	MP2C	Z	-3.669	5.33
72	MP2C	Mx	-.003	5.33
73	MP1A	X	-4.908	1.5
74	MP1A	Z	-2.834	1.5
75	MP1A	Mx	.006	1.5
76	MP1A	X	-4.908	4.5
77	MP1A	Z	-2.834	4.5
78	MP1A	Mx	.006	4.5
79	MP1B	X	-2.725	1.5
80	MP1B	Z	-1.573	1.5
81	MP1B	Mx	0	1.5
82	MP1B	X	-2.725	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1B	Z	-1.573	4.5
84	MP1B	Mx	0	4.5
85	MP1C	X	-4.908	1.5
86	MP1C	Z	-2.834	1.5
87	MP1C	Mx	-.006	1.5
88	MP1C	X	-4.908	4.5
89	MP1C	Z	-2.834	4.5
90	MP1C	Mx	-.006	4.5
91	MP5A	X	-4.908	1.5
92	MP5A	Z	-2.834	1.5
93	MP5A	Mx	.006	1.5
94	MP5A	X	-4.908	4.5
95	MP5A	Z	-2.834	4.5
96	MP5A	Mx	.006	4.5
97	MP5B	X	-2.725	1.5
98	MP5B	Z	-1.573	1.5
99	MP5B	Mx	0	1.5
100	MP5B	X	-2.725	4.5
101	MP5B	Z	-1.573	4.5
102	MP5B	Mx	0	4.5
103	MP5C	X	-4.908	1.5
104	MP5C	Z	-2.834	1.5
105	MP5C	Mx	-.006	1.5
106	MP5C	X	-4.908	4.5
107	MP5C	Z	-2.834	4.5
108	MP5C	Mx	-.006	4.5
109	OVP	X	-8.477	.75
110	OVP	Z	-4.894	.75
111	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.402	2
2	MP4A	Z	-4.16	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.402	4
5	MP4A	Z	-4.16	4
6	MP4A	Mx	.001	4
7	MP4B	X	-2.402	2
8	MP4B	Z	-4.16	2
9	MP4B	Mx	.001	2
10	MP4B	X	-2.402	4
11	MP4B	Z	-4.16	4
12	MP4B	Mx	.001	4
13	MP4C	X	-1.109	2
14	MP4C	Z	-1.921	2
15	MP4C	Mx	-.001	2
16	MP4C	X	-1.109	4
17	MP4C	Z	-1.921	4
18	MP4C	Mx	-.001	4
19	MP3A	X	-2.067	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP3A	Z	-3.581	.75
21	MP3A	Mx	-.001	.75
22	MP3B	X	-2.067	.75
23	MP3B	Z	-3.581	.75
24	MP3B	Mx	-.001	.75
25	MP3C	X	-1.507	.75
26	MP3C	Z	-2.61	.75
27	MP3C	Mx	.002	.75
28	MP3A	X	-1.996	2.75
29	MP3A	Z	-3.457	2.75
30	MP3A	Mx	-.000998	2.75
31	MP3B	X	-1.996	2.75
32	MP3B	Z	-3.457	2.75
33	MP3B	Mx	-.000998	2.75
34	MP3C	X	-1.22	2.75
35	MP3C	Z	-2.114	2.75
36	MP3C	Mx	.001	2.75
37	MP2A	X	-4.502	1.33
38	MP2A	Z	-7.797	1.33
39	MP2A	Mx	-.001	1.33
40	MP2A	X	-4.502	5.33
41	MP2A	Z	-7.797	5.33
42	MP2A	Mx	-.001	5.33
43	MP2B	X	-4.502	1.33
44	MP2B	Z	-7.797	1.33
45	MP2B	Mx	.008	1.33
46	MP2B	X	-4.502	5.33
47	MP2B	Z	-7.797	5.33
48	MP2B	Mx	.008	5.33
49	MP2C	X	-3.252	1.33
50	MP2C	Z	-5.633	1.33
51	MP2C	Mx	-.005	1.33
52	MP2C	X	-3.252	5.33
53	MP2C	Z	-5.633	5.33
54	MP2C	Mx	-.005	5.33
55	MP2A	X	-4.502	1.33
56	MP2A	Z	-7.797	1.33
57	MP2A	Mx	.008	1.33
58	MP2A	X	-4.502	5.33
59	MP2A	Z	-7.797	5.33
60	MP2A	Mx	.008	5.33
61	MP2B	X	-4.502	1.33
62	MP2B	Z	-7.797	1.33
63	MP2B	Mx	-.001	1.33
64	MP2B	X	-4.502	5.33
65	MP2B	Z	-7.797	5.33
66	MP2B	Mx	-.001	5.33
67	MP2C	X	-3.252	1.33
68	MP2C	Z	-5.633	1.33
69	MP2C	Mx	-.005	1.33
70	MP2C	X	-3.252	5.33
71	MP2C	Z	-5.633	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	-.005	5.33
73	MP1A	X	-1.993	1.5
74	MP1A	Z	-3.452	1.5
75	MP1A	Mx	.002	1.5
76	MP1A	X	-1.993	4.5
77	MP1A	Z	-3.452	4.5
78	MP1A	Mx	.002	4.5
79	MP1B	X	-1.993	1.5
80	MP1B	Z	-3.452	1.5
81	MP1B	Mx	.002	1.5
82	MP1B	X	-1.993	4.5
83	MP1B	Z	-3.452	4.5
84	MP1B	Mx	.002	4.5
85	MP1C	X	-3.254	1.5
86	MP1C	Z	-5.636	1.5
87	MP1C	Mx	-.008	1.5
88	MP1C	X	-3.254	4.5
89	MP1C	Z	-5.636	4.5
90	MP1C	Mx	-.008	4.5
91	MP5A	X	-1.993	1.5
92	MP5A	Z	-3.452	1.5
93	MP5A	Mx	.002	1.5
94	MP5A	X	-1.993	4.5
95	MP5A	Z	-3.452	4.5
96	MP5A	Mx	.002	4.5
97	MP5B	X	-1.993	1.5
98	MP5B	Z	-3.452	1.5
99	MP5B	Mx	.002	1.5
100	MP5B	X	-1.993	4.5
101	MP5B	Z	-3.452	4.5
102	MP5B	Mx	.002	4.5
103	MP5C	X	-3.254	1.5
104	MP5C	Z	-5.636	1.5
105	MP5C	Mx	-.008	1.5
106	MP5C	X	-3.254	4.5
107	MP5C	Z	-5.636	4.5
108	MP5C	Mx	-.008	4.5
109	OVP	X	-4.604	.75
110	OVP	Z	-7.974	.75
111	OVP	Mx	0	.75

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%73

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%50

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 79 : Lv1) (Continued)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.447	-6.447	0	%100
2	M4	Y	-9.445	-9.445	0	%100
3	M10	Y	-5.513	-5.513	0	%100
4	MP3A	Y	-4.883	-4.883	0	%100
5	MP4A	Y	-4.883	-4.883	0	%100
6	MP2A	Y	-4.883	-4.883	0	%100
7	MP1A	Y	-4.883	-4.883	0	%100
8	M43	Y	-5.513	-5.513	0	%100
9	M46	Y	-9.951	-9.951	0	%100
10	M51B	Y	-5.513	-5.513	0	%100
11	M52B	Y	-5.513	-5.513	0	%100
12	M76	Y	-9.938	-9.938	0	%100
13	M77	Y	-9.938	-9.938	0	%100
14	M80	Y	-9.951	-9.951	0	%100
15	M84	Y	-9.938	-9.938	0	%100
16	M85	Y	-9.938	-9.938	0	%100
17	M91	Y	-9.951	-9.951	0	%100
18	M34	Y	-9.445	-9.445	0	%100
19	M35	Y	-5.513	-5.513	0	%100
20	M36	Y	-5.513	-5.513	0	%100
21	M37	Y	-9.951	-9.951	0	%100
22	M40	Y	-5.513	-5.513	0	%100
23	M41	Y	-5.513	-5.513	0	%100
24	M45	Y	-9.938	-9.938	0	%100
25	M46A	Y	-9.938	-9.938	0	%100
26	M48	Y	-9.951	-9.951	0	%100
27	M50A	Y	-9.938	-9.938	0	%100
28	M51C	Y	-9.938	-9.938	0	%100
29	M53	Y	-9.951	-9.951	0	%100
30	M58A	Y	-9.445	-9.445	0	%100
31	M59A	Y	-5.513	-5.513	0	%100
32	M60	Y	-5.513	-5.513	0	%100
33	M61	Y	-9.951	-9.951	0	%100
34	M64	Y	-5.513	-5.513	0	%100
35	M65	Y	-5.513	-5.513	0	%100
36	M69	Y	-9.938	-9.938	0	%100
37	M70	Y	-9.938	-9.938	0	%100
38	M72	Y	-9.951	-9.951	0	%100
39	M74	Y	-9.938	-9.938	0	%100
40	M75	Y	-9.938	-9.938	0	%100
41	M77A	Y	-9.951	-9.951	0	%100
42	M82	Y	-6.447	-6.447	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	M83A	Y	-6.447	-6.447	0	%100
44	MP5A	Y	-4.883	-4.883	0	%100
45	MP3C	Y	-4.883	-4.883	0	%100
46	MP4C	Y	-4.883	-4.883	0	%100
47	MP2C	Y	-4.883	-4.883	0	%100
48	MP1C	Y	-4.883	-4.883	0	%100
49	MP5C	Y	-4.883	-4.883	0	%100
50	MP3B	Y	-4.883	-4.883	0	%100
51	MP4B	Y	-4.883	-4.883	0	%100
52	MP2B	Y	-4.883	-4.883	0	%100
53	MP1B	Y	-4.883	-4.883	0	%100
54	MP5B	Y	-4.883	-4.883	0	%100
55	OVP	Y	-4.883	-4.883	0	%100
56	M108	Y	-5.578	-5.578	0	%100
57	M114	Y	-5.578	-5.578	0	%100
58	M120	Y	-5.578	-5.578	0	%100
59	M132	Y	-7.479	-7.479	0	%100
60	M133	Y	-7.479	-7.479	0	%100
61	M134	Y	-7.479	-7.479	0	%100
62	M135	Y	-10.443	-10.443	0	%100
63	M136	Y	-10.443	-10.443	0	%100
64	M137	Y	-10.443	-10.443	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-12.399	-12.399	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-9.693	-9.693	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-8.414	-8.414	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-8.414	-8.414	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-8.414	-8.414	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-8.414	-8.414	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-9.693	-9.693	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-21.256	-21.256	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-2.951	-2.951	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-2.951	-2.951	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	-5.412	-5.412	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
27	M80	X	0	0	0	%100
28	M80	Z	-5.701	-5.701	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	-5.412	-5.412	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-5.701	-5.701	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-9.445	-9.445	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-2.423	-2.423	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-2.423	-2.423	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-5.314	-5.314	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-2.951	-2.951	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-11.803	-11.803	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-15.942	-15.942	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-5.412	-5.412	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-5.701	-5.701	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-15.942	-15.942	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-21.649	-21.649	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-22.803	-22.803	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-9.445	-9.445	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-2.423	-2.423	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-2.423	-2.423	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-5.314	-5.314	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-11.803	-11.803	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-2.951	-2.951	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-15.942	-15.942	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-21.649	-21.649	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-22.803	-22.803	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-15.942	-15.942	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M75	X	0	0	0	%100
80	M75	Z	-5.412	-5.412	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-5.701	-5.701	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-3.1	-3.1	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	-3.1	-3.1	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	-8.414	-8.414	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	-8.414	-8.414	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-8.414	-8.414	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	-8.414	-8.414	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	-8.414	-8.414	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	-8.414	-8.414	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-8.414	-8.414	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-8.414	-8.414	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-8.414	-8.414	0	%100
105	MP1B	X	0	0	0	%100
106	MP1B	Z	-8.414	-8.414	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	-8.414	-8.414	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	-8.414	-8.414	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-2.546	-2.546	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	-10.185	-10.185	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	-2.546	-2.546	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	-3.09	-3.09	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	-3.09	-3.09	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-12.361	-12.361	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	-9.933	-9.933	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	-15.104	-15.104	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	-15.104	-15.104	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.65	4.65	0	%100
2	M1	Z	-8.053	-8.053	0	%100
3	M4	X	1.574	1.574	0	%100
4	M4	Z	-2.727	-2.727	0	%100
5	M10	X	3.635	3.635	0	%100
6	M10	Z	-6.296	-6.296	0	%100
7	MP3A	X	4.207	4.207	0	%100
8	MP3A	Z	-7.286	-7.286	0	%100
9	MP4A	X	4.207	4.207	0	%100
10	MP4A	Z	-7.286	-7.286	0	%100
11	MP2A	X	4.207	4.207	0	%100
12	MP2A	Z	-7.286	-7.286	0	%100
13	MP1A	X	4.207	4.207	0	%100
14	MP1A	Z	-7.286	-7.286	0	%100
15	M43	X	3.635	3.635	0	%100
16	M43	Z	-6.296	-6.296	0	%100
17	M46	X	7.971	7.971	0	%100
18	M46	Z	-13.806	-13.806	0	%100
19	M51B	X	4.426	4.426	0	%100
20	M51B	Z	-7.666	-7.666	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	2.657	2.657	0	%100
24	M76	Z	-4.602	-4.602	0	%100
25	M77	X	8.118	8.118	0	%100
26	M77	Z	-14.062	-14.062	0	%100
27	M80	X	8.551	8.551	0	%100
28	M80	Z	-14.811	-14.811	0	%100
29	M84	X	2.657	2.657	0	%100
30	M84	Z	-4.602	-4.602	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	M34	X	1.574	1.574	0	%100
36	M34	Z	-2.727	-2.727	0	%100
37	M35	X	3.635	3.635	0	%100
38	M35	Z	-6.296	-6.296	0	%100
39	M36	X	3.635	3.635	0	%100
40	M36	Z	-6.296	-6.296	0	%100
41	M37	X	7.971	7.971	0	%100
42	M37	Z	-13.806	-13.806	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	4.426	4.426	0	%100
46	M41	Z	-7.666	-7.666	0	%100
47	M45	X	2.657	2.657	0	%100
48	M45	Z	-4.602	-4.602	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	2.657	2.657	0	%100
54	M50A	Z	-4.602	-4.602	0	%100
55	M51C	X	8.118	8.118	0	%100
56	M51C	Z	-14.062	-14.062	0	%100
57	M53	X	8.551	8.551	0	%100
58	M53	Z	-14.811	-14.811	0	%100
59	M58A	X	6.297	6.297	0	%100
60	M58A	Z	-10.907	-10.907	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	4.426	4.426	0	%100
68	M64	Z	-7.666	-7.666	0	%100
69	M65	X	4.426	4.426	0	%100
70	M65	Z	-7.666	-7.666	0	%100
71	M69	X	10.628	10.628	0	%100
72	M69	Z	-18.408	-18.408	0	%100
73	M70	X	8.118	8.118	0	%100
74	M70	Z	-14.062	-14.062	0	%100
75	M72	X	8.551	8.551	0	%100
76	M72	Z	-14.811	-14.811	0	%100
77	M74	X	10.628	10.628	0	%100
78	M74	Z	-18.408	-18.408	0	%100
79	M75	X	8.118	8.118	0	%100
80	M75	Z	-14.062	-14.062	0	%100
81	M77A	X	8.551	8.551	0	%100
82	M77A	Z	-14.811	-14.811	0	%100
83	M82	X	4.65	4.65	0	%100
84	M82	Z	-8.053	-8.053	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	4.207	4.207	0	%100
88	MP5A	Z	-7.286	-7.286	0	%100
89	MP3C	X	4.207	4.207	0	%100
90	MP3C	Z	-7.286	-7.286	0	%100
91	MP4C	X	4.207	4.207	0	%100
92	MP4C	Z	-7.286	-7.286	0	%100
93	MP2C	X	4.207	4.207	0	%100
94	MP2C	Z	-7.286	-7.286	0	%100
95	MP1C	X	4.207	4.207	0	%100
96	MP1C	Z	-7.286	-7.286	0	%100
97	MP5C	X	4.207	4.207	0	%100
98	MP5C	Z	-7.286	-7.286	0	%100
99	MP3B	X	4.207	4.207	0	%100
100	MP3B	Z	-7.286	-7.286	0	%100
101	MP4B	X	4.207	4.207	0	%100
102	MP4B	Z	-7.286	-7.286	0	%100
103	MP2B	X	4.207	4.207	0	%100
104	MP2B	Z	-7.286	-7.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	4.207	4.207	0	%100
106	MP1B	Z	-7.286	-7.286	0	%100
107	MP5B	X	4.207	4.207	0	%100
108	MP5B	Z	-7.286	-7.286	0	%100
109	OVP	X	4.207	4.207	0	%100
110	OVP	Z	-7.286	-7.286	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	3.819	3.819	0	%100
114	M114	Z	-6.615	-6.615	0	%100
115	M120	X	3.819	3.819	0	%100
116	M120	Z	-6.615	-6.615	0	%100
117	M132	X	4.635	4.635	0	%100
118	M132	Z	-8.029	-8.029	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	4.635	4.635	0	%100
122	M134	Z	-8.029	-8.029	0	%100
123	M135	X	5.829	5.829	0	%100
124	M135	Z	-10.095	-10.095	0	%100
125	M136	X	5.829	5.829	0	%100
126	M136	Z	-10.095	-10.095	0	%100
127	M137	X	8.414	8.414	0	%100
128	M137	Z	-14.573	-14.573	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.684	2.684	0	%100
2	M1	Z	-1.55	-1.55	0	%100
3	M4	X	8.18	8.18	0	%100
4	M4	Z	-4.723	-4.723	0	%100
5	M10	X	2.099	2.099	0	%100
6	M10	Z	-1.212	-1.212	0	%100
7	MP3A	X	7.286	7.286	0	%100
8	MP3A	Z	-4.207	-4.207	0	%100
9	MP4A	X	7.286	7.286	0	%100
10	MP4A	Z	-4.207	-4.207	0	%100
11	MP2A	X	7.286	7.286	0	%100
12	MP2A	Z	-4.207	-4.207	0	%100
13	MP1A	X	7.286	7.286	0	%100
14	MP1A	Z	-4.207	-4.207	0	%100
15	M43	X	2.099	2.099	0	%100
16	M43	Z	-1.212	-1.212	0	%100
17	M46	X	4.602	4.602	0	%100
18	M46	Z	-2.657	-2.657	0	%100
19	M51B	X	10.222	10.222	0	%100
20	M51B	Z	-5.901	-5.901	0	%100
21	M52B	X	2.555	2.555	0	%100
22	M52B	Z	-1.475	-1.475	0	%100
23	M76	X	13.806	13.806	0	%100
24	M76	Z	-7.971	-7.971	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	18.749	18.749	0	%100
26	M77	Z	-10.825	-10.825	0	%100
27	M80	X	19.748	19.748	0	%100
28	M80	Z	-11.401	-11.401	0	%100
29	M84	X	13.806	13.806	0	%100
30	M84	Z	-7.971	-7.971	0	%100
31	M85	X	4.687	4.687	0	%100
32	M85	Z	-2.706	-2.706	0	%100
33	M91	X	4.937	4.937	0	%100
34	M91	Z	-2.85	-2.85	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	8.394	8.394	0	%100
38	M35	Z	-4.846	-4.846	0	%100
39	M36	X	8.394	8.394	0	%100
40	M36	Z	-4.846	-4.846	0	%100
41	M37	X	18.408	18.408	0	%100
42	M37	Z	-10.628	-10.628	0	%100
43	M40	X	2.555	2.555	0	%100
44	M40	Z	-1.475	-1.475	0	%100
45	M41	X	2.555	2.555	0	%100
46	M41	Z	-1.475	-1.475	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	4.687	4.687	0	%100
50	M46A	Z	-2.706	-2.706	0	%100
51	M48	X	4.937	4.937	0	%100
52	M48	Z	-2.85	-2.85	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	4.687	4.687	0	%100
56	M51C	Z	-2.706	-2.706	0	%100
57	M53	X	4.937	4.937	0	%100
58	M53	Z	-2.85	-2.85	0	%100
59	M58A	X	8.18	8.18	0	%100
60	M58A	Z	-4.723	-4.723	0	%100
61	M59A	X	2.099	2.099	0	%100
62	M59A	Z	-1.212	-1.212	0	%100
63	M60	X	2.099	2.099	0	%100
64	M60	Z	-1.212	-1.212	0	%100
65	M61	X	4.602	4.602	0	%100
66	M61	Z	-2.657	-2.657	0	%100
67	M64	X	2.555	2.555	0	%100
68	M64	Z	-1.475	-1.475	0	%100
69	M65	X	10.222	10.222	0	%100
70	M65	Z	-5.901	-5.901	0	%100
71	M69	X	13.806	13.806	0	%100
72	M69	Z	-7.971	-7.971	0	%100
73	M70	X	4.687	4.687	0	%100
74	M70	Z	-2.706	-2.706	0	%100
75	M72	X	4.937	4.937	0	%100
76	M72	Z	-2.85	-2.85	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	13.806	13.806	0	%100
78	M74	Z	-7.971	-7.971	0	%100
79	M75	X	18.749	18.749	0	%100
80	M75	Z	-10.825	-10.825	0	%100
81	M77A	X	19.748	19.748	0	%100
82	M77A	Z	-11.401	-11.401	0	%100
83	M82	X	10.738	10.738	0	%100
84	M82	Z	-6.2	-6.2	0	%100
85	M83A	X	2.684	2.684	0	%100
86	M83A	Z	-1.55	-1.55	0	%100
87	MP5A	X	7.286	7.286	0	%100
88	MP5A	Z	-4.207	-4.207	0	%100
89	MP3C	X	7.286	7.286	0	%100
90	MP3C	Z	-4.207	-4.207	0	%100
91	MP4C	X	7.286	7.286	0	%100
92	MP4C	Z	-4.207	-4.207	0	%100
93	MP2C	X	7.286	7.286	0	%100
94	MP2C	Z	-4.207	-4.207	0	%100
95	MP1C	X	7.286	7.286	0	%100
96	MP1C	Z	-4.207	-4.207	0	%100
97	MP5C	X	7.286	7.286	0	%100
98	MP5C	Z	-4.207	-4.207	0	%100
99	MP3B	X	7.286	7.286	0	%100
100	MP3B	Z	-4.207	-4.207	0	%100
101	MP4B	X	7.286	7.286	0	%100
102	MP4B	Z	-4.207	-4.207	0	%100
103	MP2B	X	7.286	7.286	0	%100
104	MP2B	Z	-4.207	-4.207	0	%100
105	MP1B	X	7.286	7.286	0	%100
106	MP1B	Z	-4.207	-4.207	0	%100
107	MP5B	X	7.286	7.286	0	%100
108	MP5B	Z	-4.207	-4.207	0	%100
109	OVP	X	7.286	7.286	0	%100
110	OVP	Z	-4.207	-4.207	0	%100
111	M108	X	2.205	2.205	0	%100
112	M108	Z	-1.273	-1.273	0	%100
113	M114	X	2.205	2.205	0	%100
114	M114	Z	-1.273	-1.273	0	%100
115	M120	X	8.82	8.82	0	%100
116	M120	Z	-5.093	-5.093	0	%100
117	M132	X	10.705	10.705	0	%100
118	M132	Z	-6.18	-6.18	0	%100
119	M133	X	2.676	2.676	0	%100
120	M133	Z	-1.545	-1.545	0	%100
121	M134	X	2.676	2.676	0	%100
122	M134	Z	-1.545	-1.545	0	%100
123	M135	X	13.081	13.081	0	%100
124	M135	Z	-7.552	-7.552	0	%100
125	M136	X	8.603	8.603	0	%100
126	M136	Z	-4.967	-4.967	0	%100
127	M137	X	13.081	13.081	0	%100
128	M137	Z	-7.552	-7.552	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	12.594	12.594	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	8.414	8.414	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	8.414	8.414	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	8.414	8.414	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	8.414	8.414	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	8.852	8.852	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	8.852	8.852	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	21.256	21.256	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	16.237	16.237	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	17.102	17.102	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	21.256	21.256	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	16.237	16.237	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	17.102	17.102	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	3.148	3.148	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	7.27	7.27	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	7.27	7.27	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	15.942	15.942	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	8.852	8.852	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	5.314	5.314	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	16.237	16.237	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	17.102	17.102	0	%100
52	M48	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	5.314	5.314	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	3.148	3.148	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	7.27	7.27	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	7.27	7.27	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	15.942	15.942	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	8.852	8.852	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	5.314	5.314	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	5.314	5.314	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	16.237	16.237	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	17.102	17.102	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	9.299	9.299	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	9.299	9.299	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	8.414	8.414	0	%100
88	MP5A	Z	0	0	0	%100
89	MP3C	X	8.414	8.414	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	8.414	8.414	0	%100
92	MP4C	Z	0	0	0	%100
93	MP2C	X	8.414	8.414	0	%100
94	MP2C	Z	0	0	0	%100
95	MP1C	X	8.414	8.414	0	%100
96	MP1C	Z	0	0	0	%100
97	MP5C	X	8.414	8.414	0	%100
98	MP5C	Z	0	0	0	%100
99	MP3B	X	8.414	8.414	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	8.414	8.414	0	%100
102	MP4B	Z	0	0	0	%100
103	MP2B	X	8.414	8.414	0	%100
104	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	8.414	8.414	0	%100
106	MP1B	Z	0	0	0	%100
107	MP5B	X	8.414	8.414	0	%100
108	MP5B	Z	0	0	0	%100
109	OVP	X	8.414	8.414	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	7.639	7.639	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	0	0	0	%100
115	M120	X	7.639	7.639	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	9.271	9.271	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	9.271	9.271	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	16.828	16.828	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	11.657	11.657	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	11.657	11.657	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.684	2.684	0	%100
2	M1	Z	1.55	1.55	0	%100
3	M4	X	8.18	8.18	0	%100
4	M4	Z	4.723	4.723	0	%100
5	M10	X	2.099	2.099	0	%100
6	M10	Z	1.212	1.212	0	%100
7	MP3A	X	7.286	7.286	0	%100
8	MP3A	Z	4.207	4.207	0	%100
9	MP4A	X	7.286	7.286	0	%100
10	MP4A	Z	4.207	4.207	0	%100
11	MP2A	X	7.286	7.286	0	%100
12	MP2A	Z	4.207	4.207	0	%100
13	MP1A	X	7.286	7.286	0	%100
14	MP1A	Z	4.207	4.207	0	%100
15	M43	X	2.099	2.099	0	%100
16	M43	Z	1.212	1.212	0	%100
17	M46	X	4.602	4.602	0	%100
18	M46	Z	2.657	2.657	0	%100
19	M51B	X	2.555	2.555	0	%100
20	M51B	Z	1.475	1.475	0	%100
21	M52B	X	10.222	10.222	0	%100
22	M52B	Z	5.901	5.901	0	%100
23	M76	X	13.806	13.806	0	%100
24	M76	Z	7.971	7.971	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	4.687	4.687	0	%100
26	M77	Z	2.706	2.706	0	%100
27	M80	X	4.937	4.937	0	%100
28	M80	Z	2.85	2.85	0	%100
29	M84	X	13.806	13.806	0	%100
30	M84	Z	7.971	7.971	0	%100
31	M85	X	18.749	18.749	0	%100
32	M85	Z	10.825	10.825	0	%100
33	M91	X	19.748	19.748	0	%100
34	M91	Z	11.401	11.401	0	%100
35	M34	X	8.18	8.18	0	%100
36	M34	Z	4.723	4.723	0	%100
37	M35	X	2.099	2.099	0	%100
38	M35	Z	1.212	1.212	0	%100
39	M36	X	2.099	2.099	0	%100
40	M36	Z	1.212	1.212	0	%100
41	M37	X	4.602	4.602	0	%100
42	M37	Z	2.657	2.657	0	%100
43	M40	X	10.222	10.222	0	%100
44	M40	Z	5.901	5.901	0	%100
45	M41	X	2.555	2.555	0	%100
46	M41	Z	1.475	1.475	0	%100
47	M45	X	13.806	13.806	0	%100
48	M45	Z	7.971	7.971	0	%100
49	M46A	X	18.749	18.749	0	%100
50	M46A	Z	10.825	10.825	0	%100
51	M48	X	19.748	19.748	0	%100
52	M48	Z	11.401	11.401	0	%100
53	M50A	X	13.806	13.806	0	%100
54	M50A	Z	7.971	7.971	0	%100
55	M51C	X	4.687	4.687	0	%100
56	M51C	Z	2.706	2.706	0	%100
57	M53	X	4.937	4.937	0	%100
58	M53	Z	2.85	2.85	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	8.394	8.394	0	%100
62	M59A	Z	4.846	4.846	0	%100
63	M60	X	8.394	8.394	0	%100
64	M60	Z	4.846	4.846	0	%100
65	M61	X	18.408	18.408	0	%100
66	M61	Z	10.628	10.628	0	%100
67	M64	X	2.555	2.555	0	%100
68	M64	Z	1.475	1.475	0	%100
69	M65	X	2.555	2.555	0	%100
70	M65	Z	1.475	1.475	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	4.687	4.687	0	%100
74	M70	Z	2.706	2.706	0	%100
75	M72	X	4.937	4.937	0	%100
76	M72	Z	2.85	2.85	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	4.687	4.687	0	%100
80	M75	Z	2.706	2.706	0	%100
81	M77A	X	4.937	4.937	0	%100
82	M77A	Z	2.85	2.85	0	%100
83	M82	X	2.684	2.684	0	%100
84	M82	Z	1.55	1.55	0	%100
85	M83A	X	10.738	10.738	0	%100
86	M83A	Z	6.2	6.2	0	%100
87	MP5A	X	7.286	7.286	0	%100
88	MP5A	Z	4.207	4.207	0	%100
89	MP3C	X	7.286	7.286	0	%100
90	MP3C	Z	4.207	4.207	0	%100
91	MP4C	X	7.286	7.286	0	%100
92	MP4C	Z	4.207	4.207	0	%100
93	MP2C	X	7.286	7.286	0	%100
94	MP2C	Z	4.207	4.207	0	%100
95	MP1C	X	7.286	7.286	0	%100
96	MP1C	Z	4.207	4.207	0	%100
97	MP5C	X	7.286	7.286	0	%100
98	MP5C	Z	4.207	4.207	0	%100
99	MP3B	X	7.286	7.286	0	%100
100	MP3B	Z	4.207	4.207	0	%100
101	MP4B	X	7.286	7.286	0	%100
102	MP4B	Z	4.207	4.207	0	%100
103	MP2B	X	7.286	7.286	0	%100
104	MP2B	Z	4.207	4.207	0	%100
105	MP1B	X	7.286	7.286	0	%100
106	MP1B	Z	4.207	4.207	0	%100
107	MP5B	X	7.286	7.286	0	%100
108	MP5B	Z	4.207	4.207	0	%100
109	OVP	X	7.286	7.286	0	%100
110	OVP	Z	4.207	4.207	0	%100
111	M108	X	8.82	8.82	0	%100
112	M108	Z	5.093	5.093	0	%100
113	M114	X	2.205	2.205	0	%100
114	M114	Z	1.273	1.273	0	%100
115	M120	X	2.205	2.205	0	%100
116	M120	Z	1.273	1.273	0	%100
117	M132	X	2.676	2.676	0	%100
118	M132	Z	1.545	1.545	0	%100
119	M133	X	10.705	10.705	0	%100
120	M133	Z	6.18	6.18	0	%100
121	M134	X	2.676	2.676	0	%100
122	M134	Z	1.545	1.545	0	%100
123	M135	X	13.081	13.081	0	%100
124	M135	Z	7.552	7.552	0	%100
125	M136	X	13.081	13.081	0	%100
126	M136	Z	7.552	7.552	0	%100
127	M137	X	8.603	8.603	0	%100
128	M137	Z	4.967	4.967	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.65	4.65	0	%100
2	M1	Z	8.053	8.053	0	%100
3	M4	X	1.574	1.574	0	%100
4	M4	Z	2.727	2.727	0	%100
5	M10	X	3.635	3.635	0	%100
6	M10	Z	6.296	6.296	0	%100
7	MP3A	X	4.207	4.207	0	%100
8	MP3A	Z	7.286	7.286	0	%100
9	MP4A	X	4.207	4.207	0	%100
10	MP4A	Z	7.286	7.286	0	%100
11	MP2A	X	4.207	4.207	0	%100
12	MP2A	Z	7.286	7.286	0	%100
13	MP1A	X	4.207	4.207	0	%100
14	MP1A	Z	7.286	7.286	0	%100
15	M43	X	3.635	3.635	0	%100
16	M43	Z	6.296	6.296	0	%100
17	M46	X	7.971	7.971	0	%100
18	M46	Z	13.806	13.806	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	4.426	4.426	0	%100
22	M52B	Z	7.666	7.666	0	%100
23	M76	X	2.657	2.657	0	%100
24	M76	Z	4.602	4.602	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	2.657	2.657	0	%100
30	M84	Z	4.602	4.602	0	%100
31	M85	X	8.118	8.118	0	%100
32	M85	Z	14.062	14.062	0	%100
33	M91	X	8.551	8.551	0	%100
34	M91	Z	14.811	14.811	0	%100
35	M34	X	6.297	6.297	0	%100
36	M34	Z	10.907	10.907	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	4.426	4.426	0	%100
44	M40	Z	7.666	7.666	0	%100
45	M41	X	4.426	4.426	0	%100
46	M41	Z	7.666	7.666	0	%100
47	M45	X	10.628	10.628	0	%100
48	M45	Z	18.408	18.408	0	%100
49	M46A	X	8.118	8.118	0	%100
50	M46A	Z	14.062	14.062	0	%100
51	M48	X	8.551	8.551	0	%100
52	M48	Z	14.811	14.811	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	10.628	10.628	0	%100
54	M50A	Z	18.408	18.408	0	%100
55	M51C	X	8.118	8.118	0	%100
56	M51C	Z	14.062	14.062	0	%100
57	M53	X	8.551	8.551	0	%100
58	M53	Z	14.811	14.811	0	%100
59	M58A	X	1.574	1.574	0	%100
60	M58A	Z	2.727	2.727	0	%100
61	M59A	X	3.635	3.635	0	%100
62	M59A	Z	6.296	6.296	0	%100
63	M60	X	3.635	3.635	0	%100
64	M60	Z	6.296	6.296	0	%100
65	M61	X	7.971	7.971	0	%100
66	M61	Z	13.806	13.806	0	%100
67	M64	X	4.426	4.426	0	%100
68	M64	Z	7.666	7.666	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	2.657	2.657	0	%100
72	M69	Z	4.602	4.602	0	%100
73	M70	X	8.118	8.118	0	%100
74	M70	Z	14.062	14.062	0	%100
75	M72	X	8.551	8.551	0	%100
76	M72	Z	14.811	14.811	0	%100
77	M74	X	2.657	2.657	0	%100
78	M74	Z	4.602	4.602	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	4.65	4.65	0	%100
86	M83A	Z	8.053	8.053	0	%100
87	MP5A	X	4.207	4.207	0	%100
88	MP5A	Z	7.286	7.286	0	%100
89	MP3C	X	4.207	4.207	0	%100
90	MP3C	Z	7.286	7.286	0	%100
91	MP4C	X	4.207	4.207	0	%100
92	MP4C	Z	7.286	7.286	0	%100
93	MP2C	X	4.207	4.207	0	%100
94	MP2C	Z	7.286	7.286	0	%100
95	MP1C	X	4.207	4.207	0	%100
96	MP1C	Z	7.286	7.286	0	%100
97	MP5C	X	4.207	4.207	0	%100
98	MP5C	Z	7.286	7.286	0	%100
99	MP3B	X	4.207	4.207	0	%100
100	MP3B	Z	7.286	7.286	0	%100
101	MP4B	X	4.207	4.207	0	%100
102	MP4B	Z	7.286	7.286	0	%100
103	MP2B	X	4.207	4.207	0	%100
104	MP2B	Z	7.286	7.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	4.207	4.207	0	%100
106	MP1B	Z	7.286	7.286	0	%100
107	MP5B	X	4.207	4.207	0	%100
108	MP5B	Z	7.286	7.286	0	%100
109	OVP	X	4.207	4.207	0	%100
110	OVP	Z	7.286	7.286	0	%100
111	M108	X	3.819	3.819	0	%100
112	M108	Z	6.615	6.615	0	%100
113	M114	X	3.819	3.819	0	%100
114	M114	Z	6.615	6.615	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	4.635	4.635	0	%100
120	M133	Z	8.029	8.029	0	%100
121	M134	X	4.635	4.635	0	%100
122	M134	Z	8.029	8.029	0	%100
123	M135	X	5.829	5.829	0	%100
124	M135	Z	10.095	10.095	0	%100
125	M136	X	8.414	8.414	0	%100
126	M136	Z	14.573	14.573	0	%100
127	M137	X	5.829	5.829	0	%100
128	M137	Z	10.095	10.095	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	12.399	12.399	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	9.693	9.693	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	8.414	8.414	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	8.414	8.414	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	8.414	8.414	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	8.414	8.414	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	9.693	9.693	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	21.256	21.256	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	2.951	2.951	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	2.951	2.951	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	0	0	0	%100
26	M77	Z	5.412	5.412	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	5.701	5.701	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	5.412	5.412	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	5.701	5.701	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	9.445	9.445	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	2.423	2.423	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	2.423	2.423	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	5.314	5.314	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	2.951	2.951	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	11.803	11.803	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	15.942	15.942	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	5.412	5.412	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	5.701	5.701	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	15.942	15.942	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	21.649	21.649	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	22.803	22.803	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	9.445	9.445	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	2.423	2.423	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	2.423	2.423	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	5.314	5.314	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	11.803	11.803	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	2.951	2.951	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	15.942	15.942	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	21.649	21.649	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	22.803	22.803	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	0	0	0	%100
78	M74	Z	15.942	15.942	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	5.412	5.412	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	5.701	5.701	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	3.1	3.1	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	3.1	3.1	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	8.414	8.414	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	8.414	8.414	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	8.414	8.414	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	8.414	8.414	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	8.414	8.414	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	8.414	8.414	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	8.414	8.414	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	8.414	8.414	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	8.414	8.414	0	%100
105	MP1B	X	0	0	0	%100
106	MP1B	Z	8.414	8.414	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	8.414	8.414	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	8.414	8.414	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	2.546	2.546	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	10.185	10.185	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	2.546	2.546	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	3.09	3.09	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	3.09	3.09	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	12.361	12.361	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	9.933	9.933	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	15.104	15.104	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	15.104	15.104	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.65	-4.65	0	%100
2	M1	Z	8.053	8.053	0	%100
3	M4	X	-1.574	-1.574	0	%100
4	M4	Z	2.727	2.727	0	%100
5	M10	X	-3.635	-3.635	0	%100
6	M10	Z	6.296	6.296	0	%100
7	MP3A	X	-4.207	-4.207	0	%100
8	MP3A	Z	7.286	7.286	0	%100
9	MP4A	X	-4.207	-4.207	0	%100
10	MP4A	Z	7.286	7.286	0	%100
11	MP2A	X	-4.207	-4.207	0	%100
12	MP2A	Z	7.286	7.286	0	%100
13	MP1A	X	-4.207	-4.207	0	%100
14	MP1A	Z	7.286	7.286	0	%100
15	M43	X	-3.635	-3.635	0	%100
16	M43	Z	6.296	6.296	0	%100
17	M46	X	-7.971	-7.971	0	%100
18	M46	Z	13.806	13.806	0	%100
19	M51B	X	-4.426	-4.426	0	%100
20	M51B	Z	7.666	7.666	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-2.657	-2.657	0	%100
24	M76	Z	4.602	4.602	0	%100
25	M77	X	-8.118	-8.118	0	%100
26	M77	Z	14.062	14.062	0	%100
27	M80	X	-8.551	-8.551	0	%100
28	M80	Z	14.811	14.811	0	%100
29	M84	X	-2.657	-2.657	0	%100
30	M84	Z	4.602	4.602	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	M34	X	-1.574	-1.574	0	%100
36	M34	Z	2.727	2.727	0	%100
37	M35	X	-3.635	-3.635	0	%100
38	M35	Z	6.296	6.296	0	%100
39	M36	X	-3.635	-3.635	0	%100
40	M36	Z	6.296	6.296	0	%100
41	M37	X	-7.971	-7.971	0	%100
42	M37	Z	13.806	13.806	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-4.426	-4.426	0	%100
46	M41	Z	7.666	7.666	0	%100
47	M45	X	-2.657	-2.657	0	%100
48	M45	Z	4.602	4.602	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	-2.657	-2.657	0	%100
54	M50A	Z	4.602	4.602	0	%100
55	M51C	X	-8.118	-8.118	0	%100
56	M51C	Z	14.062	14.062	0	%100
57	M53	X	-8.551	-8.551	0	%100
58	M53	Z	14.811	14.811	0	%100
59	M58A	X	-6.297	-6.297	0	%100
60	M58A	Z	10.907	10.907	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-4.426	-4.426	0	%100
68	M64	Z	7.666	7.666	0	%100
69	M65	X	-4.426	-4.426	0	%100
70	M65	Z	7.666	7.666	0	%100
71	M69	X	-10.628	-10.628	0	%100
72	M69	Z	18.408	18.408	0	%100
73	M70	X	-8.118	-8.118	0	%100
74	M70	Z	14.062	14.062	0	%100
75	M72	X	-8.551	-8.551	0	%100
76	M72	Z	14.811	14.811	0	%100
77	M74	X	-10.628	-10.628	0	%100
78	M74	Z	18.408	18.408	0	%100
79	M75	X	-8.118	-8.118	0	%100
80	M75	Z	14.062	14.062	0	%100
81	M77A	X	-8.551	-8.551	0	%100
82	M77A	Z	14.811	14.811	0	%100
83	M82	X	-4.65	-4.65	0	%100
84	M82	Z	8.053	8.053	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	-4.207	-4.207	0	%100
88	MP5A	Z	7.286	7.286	0	%100
89	MP3C	X	-4.207	-4.207	0	%100
90	MP3C	Z	7.286	7.286	0	%100
91	MP4C	X	-4.207	-4.207	0	%100
92	MP4C	Z	7.286	7.286	0	%100
93	MP2C	X	-4.207	-4.207	0	%100
94	MP2C	Z	7.286	7.286	0	%100
95	MP1C	X	-4.207	-4.207	0	%100
96	MP1C	Z	7.286	7.286	0	%100
97	MP5C	X	-4.207	-4.207	0	%100
98	MP5C	Z	7.286	7.286	0	%100
99	MP3B	X	-4.207	-4.207	0	%100
100	MP3B	Z	7.286	7.286	0	%100
101	MP4B	X	-4.207	-4.207	0	%100
102	MP4B	Z	7.286	7.286	0	%100
103	MP2B	X	-4.207	-4.207	0	%100
104	MP2B	Z	7.286	7.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	-4.207	-4.207	0	%100
106	MP1B	Z	7.286	7.286	0	%100
107	MP5B	X	-4.207	-4.207	0	%100
108	MP5B	Z	7.286	7.286	0	%100
109	OVP	X	-4.207	-4.207	0	%100
110	OVP	Z	7.286	7.286	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	-3.819	-3.819	0	%100
114	M114	Z	6.615	6.615	0	%100
115	M120	X	-3.819	-3.819	0	%100
116	M120	Z	6.615	6.615	0	%100
117	M132	X	-4.635	-4.635	0	%100
118	M132	Z	8.029	8.029	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	-4.635	-4.635	0	%100
122	M134	Z	8.029	8.029	0	%100
123	M135	X	-5.829	-5.829	0	%100
124	M135	Z	10.095	10.095	0	%100
125	M136	X	-5.829	-5.829	0	%100
126	M136	Z	10.095	10.095	0	%100
127	M137	X	-8.414	-8.414	0	%100
128	M137	Z	14.573	14.573	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.684	-2.684	0	%100
2	M1	Z	1.55	1.55	0	%100
3	M4	X	-8.18	-8.18	0	%100
4	M4	Z	4.723	4.723	0	%100
5	M10	X	-2.099	-2.099	0	%100
6	M10	Z	1.212	1.212	0	%100
7	MP3A	X	-7.286	-7.286	0	%100
8	MP3A	Z	4.207	4.207	0	%100
9	MP4A	X	-7.286	-7.286	0	%100
10	MP4A	Z	4.207	4.207	0	%100
11	MP2A	X	-7.286	-7.286	0	%100
12	MP2A	Z	4.207	4.207	0	%100
13	MP1A	X	-7.286	-7.286	0	%100
14	MP1A	Z	4.207	4.207	0	%100
15	M43	X	-2.099	-2.099	0	%100
16	M43	Z	1.212	1.212	0	%100
17	M46	X	-4.602	-4.602	0	%100
18	M46	Z	2.657	2.657	0	%100
19	M51B	X	-10.222	-10.222	0	%100
20	M51B	Z	5.901	5.901	0	%100
21	M52B	X	-2.555	-2.555	0	%100
22	M52B	Z	1.475	1.475	0	%100
23	M76	X	-13.806	-13.806	0	%100
24	M76	Z	7.971	7.971	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	-18.749	-18.749	0	%100
26	M77	Z	10.825	10.825	0	%100
27	M80	X	-19.748	-19.748	0	%100
28	M80	Z	11.401	11.401	0	%100
29	M84	X	-13.806	-13.806	0	%100
30	M84	Z	7.971	7.971	0	%100
31	M85	X	-4.687	-4.687	0	%100
32	M85	Z	2.706	2.706	0	%100
33	M91	X	-4.937	-4.937	0	%100
34	M91	Z	2.85	2.85	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-8.394	-8.394	0	%100
38	M35	Z	4.846	4.846	0	%100
39	M36	X	-8.394	-8.394	0	%100
40	M36	Z	4.846	4.846	0	%100
41	M37	X	-18.408	-18.408	0	%100
42	M37	Z	10.628	10.628	0	%100
43	M40	X	-2.555	-2.555	0	%100
44	M40	Z	1.475	1.475	0	%100
45	M41	X	-2.555	-2.555	0	%100
46	M41	Z	1.475	1.475	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-4.687	-4.687	0	%100
50	M46A	Z	2.706	2.706	0	%100
51	M48	X	-4.937	-4.937	0	%100
52	M48	Z	2.85	2.85	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-4.687	-4.687	0	%100
56	M51C	Z	2.706	2.706	0	%100
57	M53	X	-4.937	-4.937	0	%100
58	M53	Z	2.85	2.85	0	%100
59	M58A	X	-8.18	-8.18	0	%100
60	M58A	Z	4.723	4.723	0	%100
61	M59A	X	-2.099	-2.099	0	%100
62	M59A	Z	1.212	1.212	0	%100
63	M60	X	-2.099	-2.099	0	%100
64	M60	Z	1.212	1.212	0	%100
65	M61	X	-4.602	-4.602	0	%100
66	M61	Z	2.657	2.657	0	%100
67	M64	X	-2.555	-2.555	0	%100
68	M64	Z	1.475	1.475	0	%100
69	M65	X	-10.222	-10.222	0	%100
70	M65	Z	5.901	5.901	0	%100
71	M69	X	-13.806	-13.806	0	%100
72	M69	Z	7.971	7.971	0	%100
73	M70	X	-4.687	-4.687	0	%100
74	M70	Z	2.706	2.706	0	%100
75	M72	X	-4.937	-4.937	0	%100
76	M72	Z	2.85	2.85	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	-13.806	-13.806	0	%100
78	M74	Z	7.971	7.971	0	%100
79	M75	X	-18.749	-18.749	0	%100
80	M75	Z	10.825	10.825	0	%100
81	M77A	X	-19.748	-19.748	0	%100
82	M77A	Z	11.401	11.401	0	%100
83	M82	X	-10.738	-10.738	0	%100
84	M82	Z	6.2	6.2	0	%100
85	M83A	X	-2.684	-2.684	0	%100
86	M83A	Z	1.55	1.55	0	%100
87	MP5A	X	-7.286	-7.286	0	%100
88	MP5A	Z	4.207	4.207	0	%100
89	MP3C	X	-7.286	-7.286	0	%100
90	MP3C	Z	4.207	4.207	0	%100
91	MP4C	X	-7.286	-7.286	0	%100
92	MP4C	Z	4.207	4.207	0	%100
93	MP2C	X	-7.286	-7.286	0	%100
94	MP2C	Z	4.207	4.207	0	%100
95	MP1C	X	-7.286	-7.286	0	%100
96	MP1C	Z	4.207	4.207	0	%100
97	MP5C	X	-7.286	-7.286	0	%100
98	MP5C	Z	4.207	4.207	0	%100
99	MP3B	X	-7.286	-7.286	0	%100
100	MP3B	Z	4.207	4.207	0	%100
101	MP4B	X	-7.286	-7.286	0	%100
102	MP4B	Z	4.207	4.207	0	%100
103	MP2B	X	-7.286	-7.286	0	%100
104	MP2B	Z	4.207	4.207	0	%100
105	MP1B	X	-7.286	-7.286	0	%100
106	MP1B	Z	4.207	4.207	0	%100
107	MP5B	X	-7.286	-7.286	0	%100
108	MP5B	Z	4.207	4.207	0	%100
109	OVP	X	-7.286	-7.286	0	%100
110	OVP	Z	4.207	4.207	0	%100
111	M108	X	-2.205	-2.205	0	%100
112	M108	Z	1.273	1.273	0	%100
113	M114	X	-2.205	-2.205	0	%100
114	M114	Z	1.273	1.273	0	%100
115	M120	X	-8.82	-8.82	0	%100
116	M120	Z	5.093	5.093	0	%100
117	M132	X	-10.705	-10.705	0	%100
118	M132	Z	6.18	6.18	0	%100
119	M133	X	-2.676	-2.676	0	%100
120	M133	Z	1.545	1.545	0	%100
121	M134	X	-2.676	-2.676	0	%100
122	M134	Z	1.545	1.545	0	%100
123	M135	X	-13.081	-13.081	0	%100
124	M135	Z	7.552	7.552	0	%100
125	M136	X	-8.603	-8.603	0	%100
126	M136	Z	4.967	4.967	0	%100
127	M137	X	-13.081	-13.081	0	%100
128	M137	Z	7.552	7.552	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-12.594	-12.594	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-8.414	-8.414	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-8.414	-8.414	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-8.414	-8.414	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-8.414	-8.414	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	-8.852	-8.852	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-8.852	-8.852	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-21.256	-21.256	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-16.237	-16.237	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-17.102	-17.102	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-21.256	-21.256	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-16.237	-16.237	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-17.102	-17.102	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-3.148	-3.148	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-7.27	-7.27	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-7.27	-7.27	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-15.942	-15.942	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-8.852	-8.852	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-5.314	-5.314	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-16.237	-16.237	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-17.102	-17.102	0	%100
52	M48	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	-5.314	-5.314	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-3.148	-3.148	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-7.27	-7.27	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-7.27	-7.27	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-15.942	-15.942	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-8.852	-8.852	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-5.314	-5.314	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-5.314	-5.314	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-16.237	-16.237	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-17.102	-17.102	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-9.299	-9.299	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	-9.299	-9.299	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	-8.414	-8.414	0	%100
88	MP5A	Z	0	0	0	%100
89	MP3C	X	-8.414	-8.414	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	-8.414	-8.414	0	%100
92	MP4C	Z	0	0	0	%100
93	MP2C	X	-8.414	-8.414	0	%100
94	MP2C	Z	0	0	0	%100
95	MP1C	X	-8.414	-8.414	0	%100
96	MP1C	Z	0	0	0	%100
97	MP5C	X	-8.414	-8.414	0	%100
98	MP5C	Z	0	0	0	%100
99	MP3B	X	-8.414	-8.414	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	-8.414	-8.414	0	%100
102	MP4B	Z	0	0	0	%100
103	MP2B	X	-8.414	-8.414	0	%100
104	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	-8.414	-8.414	0	%100
106	MP1B	Z	0	0	0	%100
107	MP5B	X	-8.414	-8.414	0	%100
108	MP5B	Z	0	0	0	%100
109	OVP	X	-8.414	-8.414	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	-7.639	-7.639	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	0	0	0	%100
115	M120	X	-7.639	-7.639	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	-9.271	-9.271	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-9.271	-9.271	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	-16.828	-16.828	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	-11.657	-11.657	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	-11.657	-11.657	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.684	-2.684	0	%100
2	M1	Z	-1.55	-1.55	0	%100
3	M4	X	-8.18	-8.18	0	%100
4	M4	Z	-4.723	-4.723	0	%100
5	M10	X	-2.099	-2.099	0	%100
6	M10	Z	-1.212	-1.212	0	%100
7	MP3A	X	-7.286	-7.286	0	%100
8	MP3A	Z	-4.207	-4.207	0	%100
9	MP4A	X	-7.286	-7.286	0	%100
10	MP4A	Z	-4.207	-4.207	0	%100
11	MP2A	X	-7.286	-7.286	0	%100
12	MP2A	Z	-4.207	-4.207	0	%100
13	MP1A	X	-7.286	-7.286	0	%100
14	MP1A	Z	-4.207	-4.207	0	%100
15	M43	X	-2.099	-2.099	0	%100
16	M43	Z	-1.212	-1.212	0	%100
17	M46	X	-4.602	-4.602	0	%100
18	M46	Z	-2.657	-2.657	0	%100
19	M51B	X	-2.555	-2.555	0	%100
20	M51B	Z	-1.475	-1.475	0	%100
21	M52B	X	-10.222	-10.222	0	%100
22	M52B	Z	-5.901	-5.901	0	%100
23	M76	X	-13.806	-13.806	0	%100
24	M76	Z	-7.971	-7.971	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	-4.687	-4.687	0	%100
26	M77	Z	-2.706	-2.706	0	%100
27	M80	X	-4.937	-4.937	0	%100
28	M80	Z	-2.85	-2.85	0	%100
29	M84	X	-13.806	-13.806	0	%100
30	M84	Z	-7.971	-7.971	0	%100
31	M85	X	-18.749	-18.749	0	%100
32	M85	Z	-10.825	-10.825	0	%100
33	M91	X	-19.748	-19.748	0	%100
34	M91	Z	-11.401	-11.401	0	%100
35	M34	X	-8.18	-8.18	0	%100
36	M34	Z	-4.723	-4.723	0	%100
37	M35	X	-2.099	-2.099	0	%100
38	M35	Z	-1.212	-1.212	0	%100
39	M36	X	-2.099	-2.099	0	%100
40	M36	Z	-1.212	-1.212	0	%100
41	M37	X	-4.602	-4.602	0	%100
42	M37	Z	-2.657	-2.657	0	%100
43	M40	X	-10.222	-10.222	0	%100
44	M40	Z	-5.901	-5.901	0	%100
45	M41	X	-2.555	-2.555	0	%100
46	M41	Z	-1.475	-1.475	0	%100
47	M45	X	-13.806	-13.806	0	%100
48	M45	Z	-7.971	-7.971	0	%100
49	M46A	X	-18.749	-18.749	0	%100
50	M46A	Z	-10.825	-10.825	0	%100
51	M48	X	-19.748	-19.748	0	%100
52	M48	Z	-11.401	-11.401	0	%100
53	M50A	X	-13.806	-13.806	0	%100
54	M50A	Z	-7.971	-7.971	0	%100
55	M51C	X	-4.687	-4.687	0	%100
56	M51C	Z	-2.706	-2.706	0	%100
57	M53	X	-4.937	-4.937	0	%100
58	M53	Z	-2.85	-2.85	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-8.394	-8.394	0	%100
62	M59A	Z	-4.846	-4.846	0	%100
63	M60	X	-8.394	-8.394	0	%100
64	M60	Z	-4.846	-4.846	0	%100
65	M61	X	-18.408	-18.408	0	%100
66	M61	Z	-10.628	-10.628	0	%100
67	M64	X	-2.555	-2.555	0	%100
68	M64	Z	-1.475	-1.475	0	%100
69	M65	X	-2.555	-2.555	0	%100
70	M65	Z	-1.475	-1.475	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-4.687	-4.687	0	%100
74	M70	Z	-2.706	-2.706	0	%100
75	M72	X	-4.937	-4.937	0	%100
76	M72	Z	-2.85	-2.85	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-4.687	-4.687	0	%100
80	M75	Z	-2.706	-2.706	0	%100
81	M77A	X	-4.937	-4.937	0	%100
82	M77A	Z	-2.85	-2.85	0	%100
83	M82	X	-2.684	-2.684	0	%100
84	M82	Z	-1.55	-1.55	0	%100
85	M83A	X	-10.738	-10.738	0	%100
86	M83A	Z	-6.2	-6.2	0	%100
87	MP5A	X	-7.286	-7.286	0	%100
88	MP5A	Z	-4.207	-4.207	0	%100
89	MP3C	X	-7.286	-7.286	0	%100
90	MP3C	Z	-4.207	-4.207	0	%100
91	MP4C	X	-7.286	-7.286	0	%100
92	MP4C	Z	-4.207	-4.207	0	%100
93	MP2C	X	-7.286	-7.286	0	%100
94	MP2C	Z	-4.207	-4.207	0	%100
95	MP1C	X	-7.286	-7.286	0	%100
96	MP1C	Z	-4.207	-4.207	0	%100
97	MP5C	X	-7.286	-7.286	0	%100
98	MP5C	Z	-4.207	-4.207	0	%100
99	MP3B	X	-7.286	-7.286	0	%100
100	MP3B	Z	-4.207	-4.207	0	%100
101	MP4B	X	-7.286	-7.286	0	%100
102	MP4B	Z	-4.207	-4.207	0	%100
103	MP2B	X	-7.286	-7.286	0	%100
104	MP2B	Z	-4.207	-4.207	0	%100
105	MP1B	X	-7.286	-7.286	0	%100
106	MP1B	Z	-4.207	-4.207	0	%100
107	MP5B	X	-7.286	-7.286	0	%100
108	MP5B	Z	-4.207	-4.207	0	%100
109	OVP	X	-7.286	-7.286	0	%100
110	OVP	Z	-4.207	-4.207	0	%100
111	M108	X	-8.82	-8.82	0	%100
112	M108	Z	-5.093	-5.093	0	%100
113	M114	X	-2.205	-2.205	0	%100
114	M114	Z	-1.273	-1.273	0	%100
115	M120	X	-2.205	-2.205	0	%100
116	M120	Z	-1.273	-1.273	0	%100
117	M132	X	-2.676	-2.676	0	%100
118	M132	Z	-1.545	-1.545	0	%100
119	M133	X	-10.705	-10.705	0	%100
120	M133	Z	-6.18	-6.18	0	%100
121	M134	X	-2.676	-2.676	0	%100
122	M134	Z	-1.545	-1.545	0	%100
123	M135	X	-13.081	-13.081	0	%100
124	M135	Z	-7.552	-7.552	0	%100
125	M136	X	-13.081	-13.081	0	%100
126	M136	Z	-7.552	-7.552	0	%100
127	M137	X	-8.603	-8.603	0	%100
128	M137	Z	-4.967	-4.967	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.65	-4.65	0	%100
2	M1	Z	-8.053	-8.053	0	%100
3	M4	X	-1.574	-1.574	0	%100
4	M4	Z	-2.727	-2.727	0	%100
5	M10	X	-3.635	-3.635	0	%100
6	M10	Z	-6.296	-6.296	0	%100
7	MP3A	X	-4.207	-4.207	0	%100
8	MP3A	Z	-7.286	-7.286	0	%100
9	MP4A	X	-4.207	-4.207	0	%100
10	MP4A	Z	-7.286	-7.286	0	%100
11	MP2A	X	-4.207	-4.207	0	%100
12	MP2A	Z	-7.286	-7.286	0	%100
13	MP1A	X	-4.207	-4.207	0	%100
14	MP1A	Z	-7.286	-7.286	0	%100
15	M43	X	-3.635	-3.635	0	%100
16	M43	Z	-6.296	-6.296	0	%100
17	M46	X	-7.971	-7.971	0	%100
18	M46	Z	-13.806	-13.806	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-4.426	-4.426	0	%100
22	M52B	Z	-7.666	-7.666	0	%100
23	M76	X	-2.657	-2.657	0	%100
24	M76	Z	-4.602	-4.602	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	-2.657	-2.657	0	%100
30	M84	Z	-4.602	-4.602	0	%100
31	M85	X	-8.118	-8.118	0	%100
32	M85	Z	-14.062	-14.062	0	%100
33	M91	X	-8.551	-8.551	0	%100
34	M91	Z	-14.811	-14.811	0	%100
35	M34	X	-6.297	-6.297	0	%100
36	M34	Z	-10.907	-10.907	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-4.426	-4.426	0	%100
44	M40	Z	-7.666	-7.666	0	%100
45	M41	X	-4.426	-4.426	0	%100
46	M41	Z	-7.666	-7.666	0	%100
47	M45	X	-10.628	-10.628	0	%100
48	M45	Z	-18.408	-18.408	0	%100
49	M46A	X	-8.118	-8.118	0	%100
50	M46A	Z	-14.062	-14.062	0	%100
51	M48	X	-8.551	-8.551	0	%100
52	M48	Z	-14.811	-14.811	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	-10.628	-10.628	0	%100
54	M50A	Z	-18.408	-18.408	0	%100
55	M51C	X	-8.118	-8.118	0	%100
56	M51C	Z	-14.062	-14.062	0	%100
57	M53	X	-8.551	-8.551	0	%100
58	M53	Z	-14.811	-14.811	0	%100
59	M58A	X	-1.574	-1.574	0	%100
60	M58A	Z	-2.727	-2.727	0	%100
61	M59A	X	-3.635	-3.635	0	%100
62	M59A	Z	-6.296	-6.296	0	%100
63	M60	X	-3.635	-3.635	0	%100
64	M60	Z	-6.296	-6.296	0	%100
65	M61	X	-7.971	-7.971	0	%100
66	M61	Z	-13.806	-13.806	0	%100
67	M64	X	-4.426	-4.426	0	%100
68	M64	Z	-7.666	-7.666	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-2.657	-2.657	0	%100
72	M69	Z	-4.602	-4.602	0	%100
73	M70	X	-8.118	-8.118	0	%100
74	M70	Z	-14.062	-14.062	0	%100
75	M72	X	-8.551	-8.551	0	%100
76	M72	Z	-14.811	-14.811	0	%100
77	M74	X	-2.657	-2.657	0	%100
78	M74	Z	-4.602	-4.602	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	-4.65	-4.65	0	%100
86	M83A	Z	-8.053	-8.053	0	%100
87	MP5A	X	-4.207	-4.207	0	%100
88	MP5A	Z	-7.286	-7.286	0	%100
89	MP3C	X	-4.207	-4.207	0	%100
90	MP3C	Z	-7.286	-7.286	0	%100
91	MP4C	X	-4.207	-4.207	0	%100
92	MP4C	Z	-7.286	-7.286	0	%100
93	MP2C	X	-4.207	-4.207	0	%100
94	MP2C	Z	-7.286	-7.286	0	%100
95	MP1C	X	-4.207	-4.207	0	%100
96	MP1C	Z	-7.286	-7.286	0	%100
97	MP5C	X	-4.207	-4.207	0	%100
98	MP5C	Z	-7.286	-7.286	0	%100
99	MP3B	X	-4.207	-4.207	0	%100
100	MP3B	Z	-7.286	-7.286	0	%100
101	MP4B	X	-4.207	-4.207	0	%100
102	MP4B	Z	-7.286	-7.286	0	%100
103	MP2B	X	-4.207	-4.207	0	%100
104	MP2B	Z	-7.286	-7.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	-4.207	-4.207	0	%100
106	MP1B	Z	-7.286	-7.286	0	%100
107	MP5B	X	-4.207	-4.207	0	%100
108	MP5B	Z	-7.286	-7.286	0	%100
109	OVP	X	-4.207	-4.207	0	%100
110	OVP	Z	-7.286	-7.286	0	%100
111	M108	X	-3.819	-3.819	0	%100
112	M108	Z	-6.615	-6.615	0	%100
113	M114	X	-3.819	-3.819	0	%100
114	M114	Z	-6.615	-6.615	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-4.635	-4.635	0	%100
120	M133	Z	-8.029	-8.029	0	%100
121	M134	X	-4.635	-4.635	0	%100
122	M134	Z	-8.029	-8.029	0	%100
123	M135	X	-5.829	-5.829	0	%100
124	M135	Z	-10.095	-10.095	0	%100
125	M136	X	-8.414	-8.414	0	%100
126	M136	Z	-14.573	-14.573	0	%100
127	M137	X	-5.829	-5.829	0	%100
128	M137	Z	-10.095	-10.095	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.868	-3.868	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	-3.004	-3.004	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-3.114	-3.114	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-3.114	-3.114	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-3.114	-3.114	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-3.114	-3.114	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-3.004	-3.004	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-4.99	-4.99	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.917	-.917	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.917	-.917	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	0	0	0	%100
26	M77	Z	-1.245	-1.245	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.3	-1.3	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	-1.245	-1.245	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.3	-1.3	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-2.928	-2.928	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.751	-.751	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.751	-.751	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-1.247	-1.247	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.917	-.917	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-3.669	-3.669	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-3.68	-3.68	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-1.245	-1.245	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-1.3	-1.3	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-3.68	-3.68	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-4.981	-4.981	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-5.199	-5.199	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-2.928	-2.928	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.751	-.751	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.751	-.751	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-1.247	-1.247	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-3.669	-3.669	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.917	-.917	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-3.68	-3.68	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-4.981	-4.981	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-5.199	-5.199	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	0	0	0	%100
78	M74	Z	-3.68	-3.68	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-1.245	-1.245	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-1.3	-1.3	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.967	-.967	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	-.967	-.967	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	-3.114	-3.114	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	-3.114	-3.114	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-3.114	-3.114	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	-3.114	-3.114	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	-3.114	-3.114	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	-3.114	-3.114	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-3.114	-3.114	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-3.114	-3.114	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-3.114	-3.114	0	%100
105	MP1B	X	0	0	0	%100
106	MP1B	Z	-3.114	-3.114	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	-3.114	-3.114	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	-3.114	-3.114	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-.862	-.862	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	-3.449	-3.449	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	-.862	-.862	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	-.853	-.853	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	-.853	-.853	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-3.412	-3.412	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	-2.41	-2.41	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	-4.131	-4.131	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	-4.131	-4.131	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.45	1.45	0	%100
2	M1	Z	-2.512	-2.512	0	%100
3	M4	X	.488	.488	0	%100
4	M4	Z	-.845	-.845	0	%100
5	M10	X	1.127	1.127	0	%100
6	M10	Z	-1.951	-1.951	0	%100
7	MP3A	X	1.557	1.557	0	%100
8	MP3A	Z	-2.697	-2.697	0	%100
9	MP4A	X	1.557	1.557	0	%100
10	MP4A	Z	-2.697	-2.697	0	%100
11	MP2A	X	1.557	1.557	0	%100
12	MP2A	Z	-2.697	-2.697	0	%100
13	MP1A	X	1.557	1.557	0	%100
14	MP1A	Z	-2.697	-2.697	0	%100
15	M43	X	1.127	1.127	0	%100
16	M43	Z	-1.951	-1.951	0	%100
17	M46	X	1.871	1.871	0	%100
18	M46	Z	-3.241	-3.241	0	%100
19	M51B	X	1.376	1.376	0	%100
20	M51B	Z	-2.383	-2.383	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.613	.613	0	%100
24	M76	Z	-1.062	-1.062	0	%100
25	M77	X	1.868	1.868	0	%100
26	M77	Z	-3.236	-3.236	0	%100
27	M80	X	1.95	1.95	0	%100
28	M80	Z	-3.377	-3.377	0	%100
29	M84	X	.613	.613	0	%100
30	M84	Z	-1.062	-1.062	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	M34	X	.488	.488	0	%100
36	M34	Z	-.845	-.845	0	%100
37	M35	X	1.127	1.127	0	%100
38	M35	Z	-1.951	-1.951	0	%100
39	M36	X	1.127	1.127	0	%100
40	M36	Z	-1.951	-1.951	0	%100
41	M37	X	1.871	1.871	0	%100
42	M37	Z	-3.241	-3.241	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	1.376	1.376	0	%100
46	M41	Z	-2.383	-2.383	0	%100
47	M45	X	.613	.613	0	%100
48	M45	Z	-1.062	-1.062	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	.613	.613	0	%100
54	M50A	Z	-1.062	-1.062	0	%100
55	M51C	X	1.868	1.868	0	%100
56	M51C	Z	-3.236	-3.236	0	%100
57	M53	X	1.95	1.95	0	%100
58	M53	Z	-3.377	-3.377	0	%100
59	M58A	X	1.952	1.952	0	%100
60	M58A	Z	-3.382	-3.382	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	1.376	1.376	0	%100
68	M64	Z	-2.383	-2.383	0	%100
69	M65	X	1.376	1.376	0	%100
70	M65	Z	-2.383	-2.383	0	%100
71	M69	X	2.454	2.454	0	%100
72	M69	Z	-4.25	-4.25	0	%100
73	M70	X	1.868	1.868	0	%100
74	M70	Z	-3.236	-3.236	0	%100
75	M72	X	1.95	1.95	0	%100
76	M72	Z	-3.377	-3.377	0	%100
77	M74	X	2.454	2.454	0	%100
78	M74	Z	-4.25	-4.25	0	%100
79	M75	X	1.868	1.868	0	%100
80	M75	Z	-3.236	-3.236	0	%100
81	M77A	X	1.95	1.95	0	%100
82	M77A	Z	-3.377	-3.377	0	%100
83	M82	X	1.45	1.45	0	%100
84	M82	Z	-2.512	-2.512	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	1.557	1.557	0	%100
88	MP5A	Z	-2.697	-2.697	0	%100
89	MP3C	X	1.557	1.557	0	%100
90	MP3C	Z	-2.697	-2.697	0	%100
91	MP4C	X	1.557	1.557	0	%100
92	MP4C	Z	-2.697	-2.697	0	%100
93	MP2C	X	1.557	1.557	0	%100
94	MP2C	Z	-2.697	-2.697	0	%100
95	MP1C	X	1.557	1.557	0	%100
96	MP1C	Z	-2.697	-2.697	0	%100
97	MP5C	X	1.557	1.557	0	%100
98	MP5C	Z	-2.697	-2.697	0	%100
99	MP3B	X	1.557	1.557	0	%100
100	MP3B	Z	-2.697	-2.697	0	%100
101	MP4B	X	1.557	1.557	0	%100
102	MP4B	Z	-2.697	-2.697	0	%100
103	MP2B	X	1.557	1.557	0	%100
104	MP2B	Z	-2.697	-2.697	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	1.557	1.557	0	%100
106	MP1B	Z	-2.697	-2.697	0	%100
107	MP5B	X	1.557	1.557	0	%100
108	MP5B	Z	-2.697	-2.697	0	%100
109	OVP	X	1.557	1.557	0	%100
110	OVP	Z	-2.697	-2.697	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	1.293	1.293	0	%100
114	M114	Z	-2.24	-2.24	0	%100
115	M120	X	1.293	1.293	0	%100
116	M120	Z	-2.24	-2.24	0	%100
117	M132	X	1.279	1.279	0	%100
118	M132	Z	-2.216	-2.216	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	1.279	1.279	0	%100
122	M134	Z	-2.216	-2.216	0	%100
123	M135	X	1.492	1.492	0	%100
124	M135	Z	-2.584	-2.584	0	%100
125	M136	X	1.492	1.492	0	%100
126	M136	Z	-2.584	-2.584	0	%100
127	M137	X	2.352	2.352	0	%100
128	M137	Z	-4.075	-4.075	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.837	.837	0	%100
2	M1	Z	-.483	-.483	0	%100
3	M4	X	2.536	2.536	0	%100
4	M4	Z	-1.464	-1.464	0	%100
5	M10	X	.65	.65	0	%100
6	M10	Z	-.376	-.376	0	%100
7	MP3A	X	2.697	2.697	0	%100
8	MP3A	Z	-1.557	-1.557	0	%100
9	MP4A	X	2.697	2.697	0	%100
10	MP4A	Z	-1.557	-1.557	0	%100
11	MP2A	X	2.697	2.697	0	%100
12	MP2A	Z	-1.557	-1.557	0	%100
13	MP1A	X	2.697	2.697	0	%100
14	MP1A	Z	-1.557	-1.557	0	%100
15	M43	X	.65	.65	0	%100
16	M43	Z	-.376	-.376	0	%100
17	M46	X	1.08	1.08	0	%100
18	M46	Z	-.624	-.624	0	%100
19	M51B	X	3.177	3.177	0	%100
20	M51B	Z	-1.834	-1.834	0	%100
21	M52B	X	.794	.794	0	%100
22	M52B	Z	-.459	-.459	0	%100
23	M76	X	3.187	3.187	0	%100
24	M76	Z	-1.84	-1.84	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	4.314	4.314	0	%100
26	M77	Z	-2.491	-2.491	0	%100
27	M80	X	4.503	4.503	0	%100
28	M80	Z	-2.6	-2.6	0	%100
29	M84	X	3.187	3.187	0	%100
30	M84	Z	-1.84	-1.84	0	%100
31	M85	X	1.079	1.079	0	%100
32	M85	Z	-.623	-.623	0	%100
33	M91	X	1.126	1.126	0	%100
34	M91	Z	-.65	-.65	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.602	2.602	0	%100
38	M35	Z	-1.502	-1.502	0	%100
39	M36	X	2.602	2.602	0	%100
40	M36	Z	-1.502	-1.502	0	%100
41	M37	X	4.321	4.321	0	%100
42	M37	Z	-2.495	-2.495	0	%100
43	M40	X	.794	.794	0	%100
44	M40	Z	-.459	-.459	0	%100
45	M41	X	.794	.794	0	%100
46	M41	Z	-.459	-.459	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	1.079	1.079	0	%100
50	M46A	Z	-.623	-.623	0	%100
51	M48	X	1.126	1.126	0	%100
52	M48	Z	-.65	-.65	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	1.079	1.079	0	%100
56	M51C	Z	-.623	-.623	0	%100
57	M53	X	1.126	1.126	0	%100
58	M53	Z	-.65	-.65	0	%100
59	M58A	X	2.536	2.536	0	%100
60	M58A	Z	-1.464	-1.464	0	%100
61	M59A	X	.65	.65	0	%100
62	M59A	Z	-.376	-.376	0	%100
63	M60	X	.65	.65	0	%100
64	M60	Z	-.376	-.376	0	%100
65	M61	X	1.08	1.08	0	%100
66	M61	Z	-.624	-.624	0	%100
67	M64	X	.794	.794	0	%100
68	M64	Z	-.459	-.459	0	%100
69	M65	X	3.177	3.177	0	%100
70	M65	Z	-1.834	-1.834	0	%100
71	M69	X	3.187	3.187	0	%100
72	M69	Z	-1.84	-1.84	0	%100
73	M70	X	1.079	1.079	0	%100
74	M70	Z	-.623	-.623	0	%100
75	M72	X	1.126	1.126	0	%100
76	M72	Z	-.65	-.65	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	3.187	3.187	0	%100
78	M74	Z	-1.84	-1.84	0	%100
79	M75	X	4.314	4.314	0	%100
80	M75	Z	-2.491	-2.491	0	%100
81	M77A	X	4.503	4.503	0	%100
82	M77A	Z	-2.6	-2.6	0	%100
83	M82	X	3.35	3.35	0	%100
84	M82	Z	-1.934	-1.934	0	%100
85	M83A	X	.837	.837	0	%100
86	M83A	Z	-.483	-.483	0	%100
87	MP5A	X	2.697	2.697	0	%100
88	MP5A	Z	-1.557	-1.557	0	%100
89	MP3C	X	2.697	2.697	0	%100
90	MP3C	Z	-1.557	-1.557	0	%100
91	MP4C	X	2.697	2.697	0	%100
92	MP4C	Z	-1.557	-1.557	0	%100
93	MP2C	X	2.697	2.697	0	%100
94	MP2C	Z	-1.557	-1.557	0	%100
95	MP1C	X	2.697	2.697	0	%100
96	MP1C	Z	-1.557	-1.557	0	%100
97	MP5C	X	2.697	2.697	0	%100
98	MP5C	Z	-1.557	-1.557	0	%100
99	MP3B	X	2.697	2.697	0	%100
100	MP3B	Z	-1.557	-1.557	0	%100
101	MP4B	X	2.697	2.697	0	%100
102	MP4B	Z	-1.557	-1.557	0	%100
103	MP2B	X	2.697	2.697	0	%100
104	MP2B	Z	-1.557	-1.557	0	%100
105	MP1B	X	2.697	2.697	0	%100
106	MP1B	Z	-1.557	-1.557	0	%100
107	MP5B	X	2.697	2.697	0	%100
108	MP5B	Z	-1.557	-1.557	0	%100
109	OVP	X	2.697	2.697	0	%100
110	OVP	Z	-1.557	-1.557	0	%100
111	M108	X	.747	.747	0	%100
112	M108	Z	-.431	-.431	0	%100
113	M114	X	.747	.747	0	%100
114	M114	Z	-.431	-.431	0	%100
115	M120	X	2.987	2.987	0	%100
116	M120	Z	-1.725	-1.725	0	%100
117	M132	X	2.955	2.955	0	%100
118	M132	Z	-1.706	-1.706	0	%100
119	M133	X	.739	.739	0	%100
120	M133	Z	-.426	-.426	0	%100
121	M134	X	.739	.739	0	%100
122	M134	Z	-.426	-.426	0	%100
123	M135	X	3.578	3.578	0	%100
124	M135	Z	-2.066	-2.066	0	%100
125	M136	X	2.087	2.087	0	%100
126	M136	Z	-1.205	-1.205	0	%100
127	M137	X	3.578	3.578	0	%100
128	M137	Z	-2.066	-2.066	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.905	3.905	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	3.114	3.114	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	3.114	3.114	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	3.114	3.114	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	3.114	3.114	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	2.752	2.752	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	2.752	2.752	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	4.907	4.907	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	3.736	3.736	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	3.9	3.9	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	4.907	4.907	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	3.736	3.736	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	3.9	3.9	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.976	.976	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.253	2.253	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	2.253	2.253	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	3.742	3.742	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	2.752	2.752	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	1.227	1.227	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	3.736	3.736	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	3.9	3.9	0	%100
52	M48	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	1.227	1.227	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	.976	.976	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	2.253	2.253	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	2.253	2.253	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	3.742	3.742	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	2.752	2.752	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	1.227	1.227	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	1.227	1.227	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	3.736	3.736	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	3.9	3.9	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	2.901	2.901	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	2.901	2.901	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	3.114	3.114	0	%100
88	MP5A	Z	0	0	0	%100
89	MP3C	X	3.114	3.114	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	3.114	3.114	0	%100
92	MP4C	Z	0	0	0	%100
93	MP2C	X	3.114	3.114	0	%100
94	MP2C	Z	0	0	0	%100
95	MP1C	X	3.114	3.114	0	%100
96	MP1C	Z	0	0	0	%100
97	MP5C	X	3.114	3.114	0	%100
98	MP5C	Z	0	0	0	%100
99	MP3B	X	3.114	3.114	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	3.114	3.114	0	%100
102	MP4B	Z	0	0	0	%100
103	MP2B	X	3.114	3.114	0	%100
104	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	3.114	3.114	0	%100
106	MP1B	Z	0	0	0	%100
107	MP5B	X	3.114	3.114	0	%100
108	MP5B	Z	0	0	0	%100
109	OVP	X	3.114	3.114	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	2.587	2.587	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	0	0	0	%100
115	M120	X	2.587	2.587	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	2.559	2.559	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	2.559	2.559	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	4.705	4.705	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	2.984	2.984	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	2.984	2.984	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.837	.837	0	%100
2	M1	Z	.483	.483	0	%100
3	M4	X	2.536	2.536	0	%100
4	M4	Z	1.464	1.464	0	%100
5	M10	X	.65	.65	0	%100
6	M10	Z	.376	.376	0	%100
7	MP3A	X	2.697	2.697	0	%100
8	MP3A	Z	1.557	1.557	0	%100
9	MP4A	X	2.697	2.697	0	%100
10	MP4A	Z	1.557	1.557	0	%100
11	MP2A	X	2.697	2.697	0	%100
12	MP2A	Z	1.557	1.557	0	%100
13	MP1A	X	2.697	2.697	0	%100
14	MP1A	Z	1.557	1.557	0	%100
15	M43	X	.65	.65	0	%100
16	M43	Z	.376	.376	0	%100
17	M46	X	1.08	1.08	0	%100
18	M46	Z	.624	.624	0	%100
19	M51B	X	.794	.794	0	%100
20	M51B	Z	.459	.459	0	%100
21	M52B	X	3.177	3.177	0	%100
22	M52B	Z	1.834	1.834	0	%100
23	M76	X	3.187	3.187	0	%100
24	M76	Z	1.84	1.84	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	1.079	1.079	0	%100
26	M77	Z	.623	.623	0	%100
27	M80	X	1.126	1.126	0	%100
28	M80	Z	.65	.65	0	%100
29	M84	X	3.187	3.187	0	%100
30	M84	Z	1.84	1.84	0	%100
31	M85	X	4.314	4.314	0	%100
32	M85	Z	2.491	2.491	0	%100
33	M91	X	4.503	4.503	0	%100
34	M91	Z	2.6	2.6	0	%100
35	M34	X	2.536	2.536	0	%100
36	M34	Z	1.464	1.464	0	%100
37	M35	X	.65	.65	0	%100
38	M35	Z	.376	.376	0	%100
39	M36	X	.65	.65	0	%100
40	M36	Z	.376	.376	0	%100
41	M37	X	1.08	1.08	0	%100
42	M37	Z	.624	.624	0	%100
43	M40	X	3.177	3.177	0	%100
44	M40	Z	1.834	1.834	0	%100
45	M41	X	.794	.794	0	%100
46	M41	Z	.459	.459	0	%100
47	M45	X	3.187	3.187	0	%100
48	M45	Z	1.84	1.84	0	%100
49	M46A	X	4.314	4.314	0	%100
50	M46A	Z	2.491	2.491	0	%100
51	M48	X	4.503	4.503	0	%100
52	M48	Z	2.6	2.6	0	%100
53	M50A	X	3.187	3.187	0	%100
54	M50A	Z	1.84	1.84	0	%100
55	M51C	X	1.079	1.079	0	%100
56	M51C	Z	.623	.623	0	%100
57	M53	X	1.126	1.126	0	%100
58	M53	Z	.65	.65	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	2.602	2.602	0	%100
62	M59A	Z	1.502	1.502	0	%100
63	M60	X	2.602	2.602	0	%100
64	M60	Z	1.502	1.502	0	%100
65	M61	X	4.321	4.321	0	%100
66	M61	Z	2.495	2.495	0	%100
67	M64	X	.794	.794	0	%100
68	M64	Z	.459	.459	0	%100
69	M65	X	.794	.794	0	%100
70	M65	Z	.459	.459	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	1.079	1.079	0	%100
74	M70	Z	.623	.623	0	%100
75	M72	X	1.126	1.126	0	%100
76	M72	Z	.65	.65	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	1.079	1.079	0	%100
80	M75	Z	.623	.623	0	%100
81	M77A	X	1.126	1.126	0	%100
82	M77A	Z	.65	.65	0	%100
83	M82	X	.837	.837	0	%100
84	M82	Z	.483	.483	0	%100
85	M83A	X	3.35	3.35	0	%100
86	M83A	Z	1.934	1.934	0	%100
87	MP5A	X	2.697	2.697	0	%100
88	MP5A	Z	1.557	1.557	0	%100
89	MP3C	X	2.697	2.697	0	%100
90	MP3C	Z	1.557	1.557	0	%100
91	MP4C	X	2.697	2.697	0	%100
92	MP4C	Z	1.557	1.557	0	%100
93	MP2C	X	2.697	2.697	0	%100
94	MP2C	Z	1.557	1.557	0	%100
95	MP1C	X	2.697	2.697	0	%100
96	MP1C	Z	1.557	1.557	0	%100
97	MP5C	X	2.697	2.697	0	%100
98	MP5C	Z	1.557	1.557	0	%100
99	MP3B	X	2.697	2.697	0	%100
100	MP3B	Z	1.557	1.557	0	%100
101	MP4B	X	2.697	2.697	0	%100
102	MP4B	Z	1.557	1.557	0	%100
103	MP2B	X	2.697	2.697	0	%100
104	MP2B	Z	1.557	1.557	0	%100
105	MP1B	X	2.697	2.697	0	%100
106	MP1B	Z	1.557	1.557	0	%100
107	MP5B	X	2.697	2.697	0	%100
108	MP5B	Z	1.557	1.557	0	%100
109	OVP	X	2.697	2.697	0	%100
110	OVP	Z	1.557	1.557	0	%100
111	M108	X	2.987	2.987	0	%100
112	M108	Z	1.725	1.725	0	%100
113	M114	X	.747	.747	0	%100
114	M114	Z	.431	.431	0	%100
115	M120	X	.747	.747	0	%100
116	M120	Z	.431	.431	0	%100
117	M132	X	.739	.739	0	%100
118	M132	Z	.426	.426	0	%100
119	M133	X	2.955	2.955	0	%100
120	M133	Z	1.706	1.706	0	%100
121	M134	X	.739	.739	0	%100
122	M134	Z	.426	.426	0	%100
123	M135	X	3.578	3.578	0	%100
124	M135	Z	2.066	2.066	0	%100
125	M136	X	3.578	3.578	0	%100
126	M136	Z	2.066	2.066	0	%100
127	M137	X	2.087	2.087	0	%100
128	M137	Z	1.205	1.205	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.45	1.45	0	%100
2	M1	Z	2.512	2.512	0	%100
3	M4	X	.488	.488	0	%100
4	M4	Z	.845	.845	0	%100
5	M10	X	1.127	1.127	0	%100
6	M10	Z	1.951	1.951	0	%100
7	MP3A	X	1.557	1.557	0	%100
8	MP3A	Z	2.697	2.697	0	%100
9	MP4A	X	1.557	1.557	0	%100
10	MP4A	Z	2.697	2.697	0	%100
11	MP2A	X	1.557	1.557	0	%100
12	MP2A	Z	2.697	2.697	0	%100
13	MP1A	X	1.557	1.557	0	%100
14	MP1A	Z	2.697	2.697	0	%100
15	M43	X	1.127	1.127	0	%100
16	M43	Z	1.951	1.951	0	%100
17	M46	X	1.871	1.871	0	%100
18	M46	Z	3.241	3.241	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.376	1.376	0	%100
22	M52B	Z	2.383	2.383	0	%100
23	M76	X	.613	.613	0	%100
24	M76	Z	1.062	1.062	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	.613	.613	0	%100
30	M84	Z	1.062	1.062	0	%100
31	M85	X	1.868	1.868	0	%100
32	M85	Z	3.236	3.236	0	%100
33	M91	X	1.95	1.95	0	%100
34	M91	Z	3.377	3.377	0	%100
35	M34	X	1.952	1.952	0	%100
36	M34	Z	3.382	3.382	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	1.376	1.376	0	%100
44	M40	Z	2.383	2.383	0	%100
45	M41	X	1.376	1.376	0	%100
46	M41	Z	2.383	2.383	0	%100
47	M45	X	2.454	2.454	0	%100
48	M45	Z	4.25	4.25	0	%100
49	M46A	X	1.868	1.868	0	%100
50	M46A	Z	3.236	3.236	0	%100
51	M48	X	1.95	1.95	0	%100
52	M48	Z	3.377	3.377	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	2.454	2.454	0	%100
54	M50A	Z	4.25	4.25	0	%100
55	M51C	X	1.868	1.868	0	%100
56	M51C	Z	3.236	3.236	0	%100
57	M53	X	1.95	1.95	0	%100
58	M53	Z	3.377	3.377	0	%100
59	M58A	X	.488	.488	0	%100
60	M58A	Z	.845	.845	0	%100
61	M59A	X	1.127	1.127	0	%100
62	M59A	Z	1.951	1.951	0	%100
63	M60	X	1.127	1.127	0	%100
64	M60	Z	1.951	1.951	0	%100
65	M61	X	1.871	1.871	0	%100
66	M61	Z	3.241	3.241	0	%100
67	M64	X	1.376	1.376	0	%100
68	M64	Z	2.383	2.383	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.613	.613	0	%100
72	M69	Z	1.062	1.062	0	%100
73	M70	X	1.868	1.868	0	%100
74	M70	Z	3.236	3.236	0	%100
75	M72	X	1.95	1.95	0	%100
76	M72	Z	3.377	3.377	0	%100
77	M74	X	.613	.613	0	%100
78	M74	Z	1.062	1.062	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	1.45	1.45	0	%100
86	M83A	Z	2.512	2.512	0	%100
87	MP5A	X	1.557	1.557	0	%100
88	MP5A	Z	2.697	2.697	0	%100
89	MP3C	X	1.557	1.557	0	%100
90	MP3C	Z	2.697	2.697	0	%100
91	MP4C	X	1.557	1.557	0	%100
92	MP4C	Z	2.697	2.697	0	%100
93	MP2C	X	1.557	1.557	0	%100
94	MP2C	Z	2.697	2.697	0	%100
95	MP1C	X	1.557	1.557	0	%100
96	MP1C	Z	2.697	2.697	0	%100
97	MP5C	X	1.557	1.557	0	%100
98	MP5C	Z	2.697	2.697	0	%100
99	MP3B	X	1.557	1.557	0	%100
100	MP3B	Z	2.697	2.697	0	%100
101	MP4B	X	1.557	1.557	0	%100
102	MP4B	Z	2.697	2.697	0	%100
103	MP2B	X	1.557	1.557	0	%100
104	MP2B	Z	2.697	2.697	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	1.557	1.557	0	%100
106	MP1B	Z	2.697	2.697	0	%100
107	MP5B	X	1.557	1.557	0	%100
108	MP5B	Z	2.697	2.697	0	%100
109	OVP	X	1.557	1.557	0	%100
110	OVP	Z	2.697	2.697	0	%100
111	M108	X	1.293	1.293	0	%100
112	M108	Z	2.24	2.24	0	%100
113	M114	X	1.293	1.293	0	%100
114	M114	Z	2.24	2.24	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	1.279	1.279	0	%100
120	M133	Z	2.216	2.216	0	%100
121	M134	X	1.279	1.279	0	%100
122	M134	Z	2.216	2.216	0	%100
123	M135	X	1.492	1.492	0	%100
124	M135	Z	2.584	2.584	0	%100
125	M136	X	2.352	2.352	0	%100
126	M136	Z	4.075	4.075	0	%100
127	M137	X	1.492	1.492	0	%100
128	M137	Z	2.584	2.584	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.868	3.868	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	3.004	3.004	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	3.114	3.114	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	3.114	3.114	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	3.114	3.114	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	3.114	3.114	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	3.004	3.004	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	4.99	4.99	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.917	.917	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.917	.917	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	0	0	0	%100
26	M77	Z	1.245	1.245	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.3	1.3	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	1.245	1.245	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.3	1.3	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	2.928	2.928	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.751	.751	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.751	.751	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	1.247	1.247	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.917	.917	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	3.669	3.669	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	3.68	3.68	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	1.245	1.245	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	1.3	1.3	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	3.68	3.68	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	4.981	4.981	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	5.199	5.199	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	2.928	2.928	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.751	.751	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.751	.751	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	1.247	1.247	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	3.669	3.669	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.917	.917	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	3.68	3.68	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	4.981	4.981	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	5.199	5.199	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	0	0	0	%100
78	M74	Z	3.68	3.68	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	1.245	1.245	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	1.3	1.3	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.967	.967	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	.967	.967	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	3.114	3.114	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	3.114	3.114	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	3.114	3.114	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	3.114	3.114	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	3.114	3.114	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	3.114	3.114	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	3.114	3.114	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	3.114	3.114	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	3.114	3.114	0	%100
105	MP1B	X	0	0	0	%100
106	MP1B	Z	3.114	3.114	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	3.114	3.114	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	3.114	3.114	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	.862	.862	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	3.449	3.449	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	.862	.862	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	.853	.853	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	.853	.853	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	3.412	3.412	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	2.41	2.41	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	4.131	4.131	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	4.131	4.131	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.45	-1.45	0	%100
2	M1	Z	2.512	2.512	0	%100
3	M4	X	-.488	-.488	0	%100
4	M4	Z	.845	.845	0	%100
5	M10	X	-1.127	-1.127	0	%100
6	M10	Z	1.951	1.951	0	%100
7	MP3A	X	-1.557	-1.557	0	%100
8	MP3A	Z	2.697	2.697	0	%100
9	MP4A	X	-1.557	-1.557	0	%100
10	MP4A	Z	2.697	2.697	0	%100
11	MP2A	X	-1.557	-1.557	0	%100
12	MP2A	Z	2.697	2.697	0	%100
13	MP1A	X	-1.557	-1.557	0	%100
14	MP1A	Z	2.697	2.697	0	%100
15	M43	X	-1.127	-1.127	0	%100
16	M43	Z	1.951	1.951	0	%100
17	M46	X	-1.871	-1.871	0	%100
18	M46	Z	3.241	3.241	0	%100
19	M51B	X	-1.376	-1.376	0	%100
20	M51B	Z	2.383	2.383	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.613	-.613	0	%100
24	M76	Z	1.062	1.062	0	%100
25	M77	X	-1.868	-1.868	0	%100
26	M77	Z	3.236	3.236	0	%100
27	M80	X	-1.95	-1.95	0	%100
28	M80	Z	3.377	3.377	0	%100
29	M84	X	-.613	-.613	0	%100
30	M84	Z	1.062	1.062	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	M34	X	-.488	-.488	0	%100
36	M34	Z	.845	.845	0	%100
37	M35	X	-1.127	-1.127	0	%100
38	M35	Z	1.951	1.951	0	%100
39	M36	X	-1.127	-1.127	0	%100
40	M36	Z	1.951	1.951	0	%100
41	M37	X	-1.871	-1.871	0	%100
42	M37	Z	3.241	3.241	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-1.376	-1.376	0	%100
46	M41	Z	2.383	2.383	0	%100
47	M45	X	-.613	-.613	0	%100
48	M45	Z	1.062	1.062	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	-.613	-.613	0	%100
54	M50A	Z	1.062	1.062	0	%100
55	M51C	X	-1.868	-1.868	0	%100
56	M51C	Z	3.236	3.236	0	%100
57	M53	X	-1.95	-1.95	0	%100
58	M53	Z	3.377	3.377	0	%100
59	M58A	X	-1.952	-1.952	0	%100
60	M58A	Z	3.382	3.382	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-1.376	-1.376	0	%100
68	M64	Z	2.383	2.383	0	%100
69	M65	X	-1.376	-1.376	0	%100
70	M65	Z	2.383	2.383	0	%100
71	M69	X	-2.454	-2.454	0	%100
72	M69	Z	4.25	4.25	0	%100
73	M70	X	-1.868	-1.868	0	%100
74	M70	Z	3.236	3.236	0	%100
75	M72	X	-1.95	-1.95	0	%100
76	M72	Z	3.377	3.377	0	%100
77	M74	X	-2.454	-2.454	0	%100
78	M74	Z	4.25	4.25	0	%100
79	M75	X	-1.868	-1.868	0	%100
80	M75	Z	3.236	3.236	0	%100
81	M77A	X	-1.95	-1.95	0	%100
82	M77A	Z	3.377	3.377	0	%100
83	M82	X	-1.45	-1.45	0	%100
84	M82	Z	2.512	2.512	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	-1.557	-1.557	0	%100
88	MP5A	Z	2.697	2.697	0	%100
89	MP3C	X	-1.557	-1.557	0	%100
90	MP3C	Z	2.697	2.697	0	%100
91	MP4C	X	-1.557	-1.557	0	%100
92	MP4C	Z	2.697	2.697	0	%100
93	MP2C	X	-1.557	-1.557	0	%100
94	MP2C	Z	2.697	2.697	0	%100
95	MP1C	X	-1.557	-1.557	0	%100
96	MP1C	Z	2.697	2.697	0	%100
97	MP5C	X	-1.557	-1.557	0	%100
98	MP5C	Z	2.697	2.697	0	%100
99	MP3B	X	-1.557	-1.557	0	%100
100	MP3B	Z	2.697	2.697	0	%100
101	MP4B	X	-1.557	-1.557	0	%100
102	MP4B	Z	2.697	2.697	0	%100
103	MP2B	X	-1.557	-1.557	0	%100
104	MP2B	Z	2.697	2.697	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	-1.557	-1.557	0	%100
106	MP1B	Z	2.697	2.697	0	%100
107	MP5B	X	-1.557	-1.557	0	%100
108	MP5B	Z	2.697	2.697	0	%100
109	OVP	X	-1.557	-1.557	0	%100
110	OVP	Z	2.697	2.697	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	-1.293	-1.293	0	%100
114	M114	Z	2.24	2.24	0	%100
115	M120	X	-1.293	-1.293	0	%100
116	M120	Z	2.24	2.24	0	%100
117	M132	X	-1.279	-1.279	0	%100
118	M132	Z	2.216	2.216	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	-1.279	-1.279	0	%100
122	M134	Z	2.216	2.216	0	%100
123	M135	X	-1.492	-1.492	0	%100
124	M135	Z	2.584	2.584	0	%100
125	M136	X	-1.492	-1.492	0	%100
126	M136	Z	2.584	2.584	0	%100
127	M137	X	-2.352	-2.352	0	%100
128	M137	Z	4.075	4.075	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.837	-.837	0	%100
2	M1	Z	.483	.483	0	%100
3	M4	X	-2.536	-2.536	0	%100
4	M4	Z	1.464	1.464	0	%100
5	M10	X	-.65	-.65	0	%100
6	M10	Z	.376	.376	0	%100
7	MP3A	X	-2.697	-2.697	0	%100
8	MP3A	Z	1.557	1.557	0	%100
9	MP4A	X	-2.697	-2.697	0	%100
10	MP4A	Z	1.557	1.557	0	%100
11	MP2A	X	-2.697	-2.697	0	%100
12	MP2A	Z	1.557	1.557	0	%100
13	MP1A	X	-2.697	-2.697	0	%100
14	MP1A	Z	1.557	1.557	0	%100
15	M43	X	-.65	-.65	0	%100
16	M43	Z	.376	.376	0	%100
17	M46	X	-1.08	-1.08	0	%100
18	M46	Z	.624	.624	0	%100
19	M51B	X	-3.177	-3.177	0	%100
20	M51B	Z	1.834	1.834	0	%100
21	M52B	X	-.794	-.794	0	%100
22	M52B	Z	.459	.459	0	%100
23	M76	X	-3.187	-3.187	0	%100
24	M76	Z	1.84	1.84	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	-4.314	-4.314	0	%100
26	M77	Z	2.491	2.491	0	%100
27	M80	X	-4.503	-4.503	0	%100
28	M80	Z	2.6	2.6	0	%100
29	M84	X	-3.187	-3.187	0	%100
30	M84	Z	1.84	1.84	0	%100
31	M85	X	-1.079	-1.079	0	%100
32	M85	Z	.623	.623	0	%100
33	M91	X	-1.126	-1.126	0	%100
34	M91	Z	.65	.65	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.602	-2.602	0	%100
38	M35	Z	1.502	1.502	0	%100
39	M36	X	-2.602	-2.602	0	%100
40	M36	Z	1.502	1.502	0	%100
41	M37	X	-4.321	-4.321	0	%100
42	M37	Z	2.495	2.495	0	%100
43	M40	X	-.794	-.794	0	%100
44	M40	Z	.459	.459	0	%100
45	M41	X	-.794	-.794	0	%100
46	M41	Z	.459	.459	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-1.079	-1.079	0	%100
50	M46A	Z	.623	.623	0	%100
51	M48	X	-1.126	-1.126	0	%100
52	M48	Z	.65	.65	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-1.079	-1.079	0	%100
56	M51C	Z	.623	.623	0	%100
57	M53	X	-1.126	-1.126	0	%100
58	M53	Z	.65	.65	0	%100
59	M58A	X	-2.536	-2.536	0	%100
60	M58A	Z	1.464	1.464	0	%100
61	M59A	X	-.65	-.65	0	%100
62	M59A	Z	.376	.376	0	%100
63	M60	X	-.65	-.65	0	%100
64	M60	Z	.376	.376	0	%100
65	M61	X	-1.08	-1.08	0	%100
66	M61	Z	.624	.624	0	%100
67	M64	X	-.794	-.794	0	%100
68	M64	Z	.459	.459	0	%100
69	M65	X	-3.177	-3.177	0	%100
70	M65	Z	1.834	1.834	0	%100
71	M69	X	-3.187	-3.187	0	%100
72	M69	Z	1.84	1.84	0	%100
73	M70	X	-1.079	-1.079	0	%100
74	M70	Z	.623	.623	0	%100
75	M72	X	-1.126	-1.126	0	%100
76	M72	Z	.65	.65	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	-3.187	-3.187	0	%100
78	M74	Z	1.84	1.84	0	%100
79	M75	X	-4.314	-4.314	0	%100
80	M75	Z	2.491	2.491	0	%100
81	M77A	X	-4.503	-4.503	0	%100
82	M77A	Z	2.6	2.6	0	%100
83	M82	X	-3.35	-3.35	0	%100
84	M82	Z	1.934	1.934	0	%100
85	M83A	X	-.837	-.837	0	%100
86	M83A	Z	.483	.483	0	%100
87	MP5A	X	-2.697	-2.697	0	%100
88	MP5A	Z	1.557	1.557	0	%100
89	MP3C	X	-2.697	-2.697	0	%100
90	MP3C	Z	1.557	1.557	0	%100
91	MP4C	X	-2.697	-2.697	0	%100
92	MP4C	Z	1.557	1.557	0	%100
93	MP2C	X	-2.697	-2.697	0	%100
94	MP2C	Z	1.557	1.557	0	%100
95	MP1C	X	-2.697	-2.697	0	%100
96	MP1C	Z	1.557	1.557	0	%100
97	MP5C	X	-2.697	-2.697	0	%100
98	MP5C	Z	1.557	1.557	0	%100
99	MP3B	X	-2.697	-2.697	0	%100
100	MP3B	Z	1.557	1.557	0	%100
101	MP4B	X	-2.697	-2.697	0	%100
102	MP4B	Z	1.557	1.557	0	%100
103	MP2B	X	-2.697	-2.697	0	%100
104	MP2B	Z	1.557	1.557	0	%100
105	MP1B	X	-2.697	-2.697	0	%100
106	MP1B	Z	1.557	1.557	0	%100
107	MP5B	X	-2.697	-2.697	0	%100
108	MP5B	Z	1.557	1.557	0	%100
109	OVP	X	-2.697	-2.697	0	%100
110	OVP	Z	1.557	1.557	0	%100
111	M108	X	-.747	-.747	0	%100
112	M108	Z	.431	.431	0	%100
113	M114	X	-.747	-.747	0	%100
114	M114	Z	.431	.431	0	%100
115	M120	X	-2.987	-2.987	0	%100
116	M120	Z	1.725	1.725	0	%100
117	M132	X	-2.955	-2.955	0	%100
118	M132	Z	1.706	1.706	0	%100
119	M133	X	-.739	-.739	0	%100
120	M133	Z	.426	.426	0	%100
121	M134	X	-.739	-.739	0	%100
122	M134	Z	.426	.426	0	%100
123	M135	X	-3.578	-3.578	0	%100
124	M135	Z	2.066	2.066	0	%100
125	M136	X	-2.087	-2.087	0	%100
126	M136	Z	1.205	1.205	0	%100
127	M137	X	-3.578	-3.578	0	%100
128	M137	Z	2.066	2.066	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.905	-3.905	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	-3.114	-3.114	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-3.114	-3.114	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-3.114	-3.114	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-3.114	-3.114	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-2.752	-2.752	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-2.752	-2.752	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-4.907	-4.907	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-3.736	-3.736	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-3.9	-3.9	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-4.907	-4.907	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-3.736	-3.736	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-3.9	-3.9	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.976	-.976	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.253	-2.253	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-2.253	-2.253	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-3.742	-3.742	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-2.752	-2.752	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-1.227	-1.227	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-3.736	-3.736	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-3.9	-3.9	0	%100
52	M48	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	-1.227	-1.227	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-.976	-.976	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-2.253	-2.253	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-2.253	-2.253	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-3.742	-3.742	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-2.752	-2.752	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-1.227	-1.227	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-1.227	-1.227	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-3.736	-3.736	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-3.9	-3.9	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-2.901	-2.901	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	-2.901	-2.901	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	-3.114	-3.114	0	%100
88	MP5A	Z	0	0	0	%100
89	MP3C	X	-3.114	-3.114	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	-3.114	-3.114	0	%100
92	MP4C	Z	0	0	0	%100
93	MP2C	X	-3.114	-3.114	0	%100
94	MP2C	Z	0	0	0	%100
95	MP1C	X	-3.114	-3.114	0	%100
96	MP1C	Z	0	0	0	%100
97	MP5C	X	-3.114	-3.114	0	%100
98	MP5C	Z	0	0	0	%100
99	MP3B	X	-3.114	-3.114	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	-3.114	-3.114	0	%100
102	MP4B	Z	0	0	0	%100
103	MP2B	X	-3.114	-3.114	0	%100
104	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	-3.114	-3.114	0	%100
106	MP1B	Z	0	0	0	%100
107	MP5B	X	-3.114	-3.114	0	%100
108	MP5B	Z	0	0	0	%100
109	OVP	X	-3.114	-3.114	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	-2.587	-2.587	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	0	0	0	%100
115	M120	X	-2.587	-2.587	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	-2.559	-2.559	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-2.559	-2.559	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	-4.705	-4.705	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	-2.984	-2.984	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	-2.984	-2.984	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.837	-.837	0	%100
2	M1	Z	-.483	-.483	0	%100
3	M4	X	-2.536	-2.536	0	%100
4	M4	Z	-1.464	-1.464	0	%100
5	M10	X	-.65	-.65	0	%100
6	M10	Z	-.376	-.376	0	%100
7	MP3A	X	-2.697	-2.697	0	%100
8	MP3A	Z	-1.557	-1.557	0	%100
9	MP4A	X	-2.697	-2.697	0	%100
10	MP4A	Z	-1.557	-1.557	0	%100
11	MP2A	X	-2.697	-2.697	0	%100
12	MP2A	Z	-1.557	-1.557	0	%100
13	MP1A	X	-2.697	-2.697	0	%100
14	MP1A	Z	-1.557	-1.557	0	%100
15	M43	X	-.65	-.65	0	%100
16	M43	Z	-.376	-.376	0	%100
17	M46	X	-1.08	-1.08	0	%100
18	M46	Z	-.624	-.624	0	%100
19	M51B	X	-.794	-.794	0	%100
20	M51B	Z	-.459	-.459	0	%100
21	M52B	X	-3.177	-3.177	0	%100
22	M52B	Z	-1.834	-1.834	0	%100
23	M76	X	-3.187	-3.187	0	%100
24	M76	Z	-1.84	-1.84	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	-1.079	-1.079	0	%100
26	M77	Z	-.623	-.623	0	%100
27	M80	X	-1.126	-1.126	0	%100
28	M80	Z	-.65	-.65	0	%100
29	M84	X	-3.187	-3.187	0	%100
30	M84	Z	-1.84	-1.84	0	%100
31	M85	X	-4.314	-4.314	0	%100
32	M85	Z	-2.491	-2.491	0	%100
33	M91	X	-4.503	-4.503	0	%100
34	M91	Z	-2.6	-2.6	0	%100
35	M34	X	-2.536	-2.536	0	%100
36	M34	Z	-1.464	-1.464	0	%100
37	M35	X	-.65	-.65	0	%100
38	M35	Z	-.376	-.376	0	%100
39	M36	X	-.65	-.65	0	%100
40	M36	Z	-.376	-.376	0	%100
41	M37	X	-1.08	-1.08	0	%100
42	M37	Z	-.624	-.624	0	%100
43	M40	X	-3.177	-3.177	0	%100
44	M40	Z	-1.834	-1.834	0	%100
45	M41	X	-.794	-.794	0	%100
46	M41	Z	-.459	-.459	0	%100
47	M45	X	-3.187	-3.187	0	%100
48	M45	Z	-1.84	-1.84	0	%100
49	M46A	X	-4.314	-4.314	0	%100
50	M46A	Z	-2.491	-2.491	0	%100
51	M48	X	-4.503	-4.503	0	%100
52	M48	Z	-2.6	-2.6	0	%100
53	M50A	X	-3.187	-3.187	0	%100
54	M50A	Z	-1.84	-1.84	0	%100
55	M51C	X	-1.079	-1.079	0	%100
56	M51C	Z	-.623	-.623	0	%100
57	M53	X	-1.126	-1.126	0	%100
58	M53	Z	-.65	-.65	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-2.602	-2.602	0	%100
62	M59A	Z	-1.502	-1.502	0	%100
63	M60	X	-2.602	-2.602	0	%100
64	M60	Z	-1.502	-1.502	0	%100
65	M61	X	-4.321	-4.321	0	%100
66	M61	Z	-2.495	-2.495	0	%100
67	M64	X	-.794	-.794	0	%100
68	M64	Z	-.459	-.459	0	%100
69	M65	X	-.794	-.794	0	%100
70	M65	Z	-.459	-.459	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-1.079	-1.079	0	%100
74	M70	Z	-.623	-.623	0	%100
75	M72	X	-1.126	-1.126	0	%100
76	M72	Z	-.65	-.65	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-1.079	-1.079	0	%100
80	M75	Z	-.623	-.623	0	%100
81	M77A	X	-1.126	-1.126	0	%100
82	M77A	Z	-.65	-.65	0	%100
83	M82	X	-.837	-.837	0	%100
84	M82	Z	-.483	-.483	0	%100
85	M83A	X	-3.35	-3.35	0	%100
86	M83A	Z	-1.934	-1.934	0	%100
87	MP5A	X	-2.697	-2.697	0	%100
88	MP5A	Z	-1.557	-1.557	0	%100
89	MP3C	X	-2.697	-2.697	0	%100
90	MP3C	Z	-1.557	-1.557	0	%100
91	MP4C	X	-2.697	-2.697	0	%100
92	MP4C	Z	-1.557	-1.557	0	%100
93	MP2C	X	-2.697	-2.697	0	%100
94	MP2C	Z	-1.557	-1.557	0	%100
95	MP1C	X	-2.697	-2.697	0	%100
96	MP1C	Z	-1.557	-1.557	0	%100
97	MP5C	X	-2.697	-2.697	0	%100
98	MP5C	Z	-1.557	-1.557	0	%100
99	MP3B	X	-2.697	-2.697	0	%100
100	MP3B	Z	-1.557	-1.557	0	%100
101	MP4B	X	-2.697	-2.697	0	%100
102	MP4B	Z	-1.557	-1.557	0	%100
103	MP2B	X	-2.697	-2.697	0	%100
104	MP2B	Z	-1.557	-1.557	0	%100
105	MP1B	X	-2.697	-2.697	0	%100
106	MP1B	Z	-1.557	-1.557	0	%100
107	MP5B	X	-2.697	-2.697	0	%100
108	MP5B	Z	-1.557	-1.557	0	%100
109	OVP	X	-2.697	-2.697	0	%100
110	OVP	Z	-1.557	-1.557	0	%100
111	M108	X	-2.987	-2.987	0	%100
112	M108	Z	-1.725	-1.725	0	%100
113	M114	X	-.747	-.747	0	%100
114	M114	Z	-.431	-.431	0	%100
115	M120	X	-.747	-.747	0	%100
116	M120	Z	-.431	-.431	0	%100
117	M132	X	-.739	-.739	0	%100
118	M132	Z	-.426	-.426	0	%100
119	M133	X	-2.955	-2.955	0	%100
120	M133	Z	-1.706	-1.706	0	%100
121	M134	X	-.739	-.739	0	%100
122	M134	Z	-.426	-.426	0	%100
123	M135	X	-3.578	-3.578	0	%100
124	M135	Z	-2.066	-2.066	0	%100
125	M136	X	-3.578	-3.578	0	%100
126	M136	Z	-2.066	-2.066	0	%100
127	M137	X	-2.087	-2.087	0	%100
128	M137	Z	-1.205	-1.205	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.45	-1.45	0	%100
2	M1	Z	-2.512	-2.512	0	%100
3	M4	X	-.488	-.488	0	%100
4	M4	Z	-.845	-.845	0	%100
5	M10	X	-1.127	-1.127	0	%100
6	M10	Z	-1.951	-1.951	0	%100
7	MP3A	X	-1.557	-1.557	0	%100
8	MP3A	Z	-2.697	-2.697	0	%100
9	MP4A	X	-1.557	-1.557	0	%100
10	MP4A	Z	-2.697	-2.697	0	%100
11	MP2A	X	-1.557	-1.557	0	%100
12	MP2A	Z	-2.697	-2.697	0	%100
13	MP1A	X	-1.557	-1.557	0	%100
14	MP1A	Z	-2.697	-2.697	0	%100
15	M43	X	-1.127	-1.127	0	%100
16	M43	Z	-1.951	-1.951	0	%100
17	M46	X	-1.871	-1.871	0	%100
18	M46	Z	-3.241	-3.241	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.376	-1.376	0	%100
22	M52B	Z	-2.383	-2.383	0	%100
23	M76	X	-.613	-.613	0	%100
24	M76	Z	-1.062	-1.062	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	-.613	-.613	0	%100
30	M84	Z	-1.062	-1.062	0	%100
31	M85	X	-1.868	-1.868	0	%100
32	M85	Z	-3.236	-3.236	0	%100
33	M91	X	-1.95	-1.95	0	%100
34	M91	Z	-3.377	-3.377	0	%100
35	M34	X	-1.952	-1.952	0	%100
36	M34	Z	-3.382	-3.382	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-1.376	-1.376	0	%100
44	M40	Z	-2.383	-2.383	0	%100
45	M41	X	-1.376	-1.376	0	%100
46	M41	Z	-2.383	-2.383	0	%100
47	M45	X	-2.454	-2.454	0	%100
48	M45	Z	-4.25	-4.25	0	%100
49	M46A	X	-1.868	-1.868	0	%100
50	M46A	Z	-3.236	-3.236	0	%100
51	M48	X	-1.95	-1.95	0	%100
52	M48	Z	-3.377	-3.377	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	-2.454	-2.454	0	%100
54	M50A	Z	-4.25	-4.25	0	%100
55	M51C	X	-1.868	-1.868	0	%100
56	M51C	Z	-3.236	-3.236	0	%100
57	M53	X	-1.95	-1.95	0	%100
58	M53	Z	-3.377	-3.377	0	%100
59	M58A	X	-.488	-.488	0	%100
60	M58A	Z	-.845	-.845	0	%100
61	M59A	X	-1.127	-1.127	0	%100
62	M59A	Z	-1.951	-1.951	0	%100
63	M60	X	-1.127	-1.127	0	%100
64	M60	Z	-1.951	-1.951	0	%100
65	M61	X	-1.871	-1.871	0	%100
66	M61	Z	-3.241	-3.241	0	%100
67	M64	X	-1.376	-1.376	0	%100
68	M64	Z	-2.383	-2.383	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.613	-.613	0	%100
72	M69	Z	-1.062	-1.062	0	%100
73	M70	X	-1.868	-1.868	0	%100
74	M70	Z	-3.236	-3.236	0	%100
75	M72	X	-1.95	-1.95	0	%100
76	M72	Z	-3.377	-3.377	0	%100
77	M74	X	-.613	-.613	0	%100
78	M74	Z	-1.062	-1.062	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	-1.45	-1.45	0	%100
86	M83A	Z	-2.512	-2.512	0	%100
87	MP5A	X	-1.557	-1.557	0	%100
88	MP5A	Z	-2.697	-2.697	0	%100
89	MP3C	X	-1.557	-1.557	0	%100
90	MP3C	Z	-2.697	-2.697	0	%100
91	MP4C	X	-1.557	-1.557	0	%100
92	MP4C	Z	-2.697	-2.697	0	%100
93	MP2C	X	-1.557	-1.557	0	%100
94	MP2C	Z	-2.697	-2.697	0	%100
95	MP1C	X	-1.557	-1.557	0	%100
96	MP1C	Z	-2.697	-2.697	0	%100
97	MP5C	X	-1.557	-1.557	0	%100
98	MP5C	Z	-2.697	-2.697	0	%100
99	MP3B	X	-1.557	-1.557	0	%100
100	MP3B	Z	-2.697	-2.697	0	%100
101	MP4B	X	-1.557	-1.557	0	%100
102	MP4B	Z	-2.697	-2.697	0	%100
103	MP2B	X	-1.557	-1.557	0	%100
104	MP2B	Z	-2.697	-2.697	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	-1.557	-1.557	0	%100
106	MP1B	Z	-2.697	-2.697	0	%100
107	MP5B	X	-1.557	-1.557	0	%100
108	MP5B	Z	-2.697	-2.697	0	%100
109	OVP	X	-1.557	-1.557	0	%100
110	OVP	Z	-2.697	-2.697	0	%100
111	M108	X	-1.293	-1.293	0	%100
112	M108	Z	-2.24	-2.24	0	%100
113	M114	X	-1.293	-1.293	0	%100
114	M114	Z	-2.24	-2.24	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-1.279	-1.279	0	%100
120	M133	Z	-2.216	-2.216	0	%100
121	M134	X	-1.279	-1.279	0	%100
122	M134	Z	-2.216	-2.216	0	%100
123	M135	X	-1.492	-1.492	0	%100
124	M135	Z	-2.584	-2.584	0	%100
125	M136	X	-2.352	-2.352	0	%100
126	M136	Z	-4.075	-4.075	0	%100
127	M137	X	-1.492	-1.492	0	%100
128	M137	Z	-2.584	-2.584	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	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	-.66	-.66	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.573	-.573	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.573	-.573	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.573	-.573	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.573	-.573	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.66	-.66	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.447	-1.447	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.201	-.201	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.201	-.201	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	0	0	0	%100
26	M77	Z	-.368	-.368	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.388	-.388	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	-.368	-.368	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.388	-.388	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-.643	-.643	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.165	-.165	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.165	-.165	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-.362	-.362	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.201	-.201	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-.803	-.803	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-1.085	-1.085	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-.368	-.368	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-.388	-.388	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-1.085	-1.085	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-1.473	-1.473	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-1.552	-1.552	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-.643	-.643	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.165	-.165	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.165	-.165	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.362	-.362	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-.803	-.803	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.201	-.201	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-1.085	-1.085	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-1.473	-1.473	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-1.552	-1.552	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	0	0	0	%100
78	M74	Z	-1.085	-1.085	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-.368	-.368	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.388	-.388	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.211	-.211	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	-.211	-.211	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	-.573	-.573	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	-.573	-.573	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-.573	-.573	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	-.573	-.573	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	-.573	-.573	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	-.573	-.573	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-.573	-.573	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-.573	-.573	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-.573	-.573	0	%100
105	MP1B	X	0	0	0	%100
106	MP1B	Z	-.573	-.573	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	-.573	-.573	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	-.573	-.573	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-.173	-.173	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	-.693	-.693	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	-.173	-.173	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	-.21	-.21	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	-.21	-.21	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	-.841	-.841	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	-.676	-.676	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	-1.028	-1.028	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	-1.028	-1.028	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.316	.316	0	%100
2	M1	Z	-.548	-.548	0	%100
3	M4	X	.107	.107	0	%100
4	M4	Z	-.186	-.186	0	%100
5	M10	X	.247	.247	0	%100
6	M10	Z	-.428	-.428	0	%100
7	MP3A	X	.286	.286	0	%100
8	MP3A	Z	-.496	-.496	0	%100
9	MP4A	X	.286	.286	0	%100
10	MP4A	Z	-.496	-.496	0	%100
11	MP2A	X	.286	.286	0	%100
12	MP2A	Z	-.496	-.496	0	%100
13	MP1A	X	.286	.286	0	%100
14	MP1A	Z	-.496	-.496	0	%100
15	M43	X	.247	.247	0	%100
16	M43	Z	-.428	-.428	0	%100
17	M46	X	.542	.542	0	%100
18	M46	Z	-.94	-.94	0	%100
19	M51B	X	.301	.301	0	%100
20	M51B	Z	-.522	-.522	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.181	.181	0	%100
24	M76	Z	-.313	-.313	0	%100
25	M77	X	.552	.552	0	%100
26	M77	Z	-.957	-.957	0	%100
27	M80	X	.582	.582	0	%100
28	M80	Z	-1.008	-1.008	0	%100
29	M84	X	.181	.181	0	%100
30	M84	Z	-.313	-.313	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	M34	X	.107	.107	0	%100
36	M34	Z	-.186	-.186	0	%100
37	M35	X	.247	.247	0	%100
38	M35	Z	-.428	-.428	0	%100
39	M36	X	.247	.247	0	%100
40	M36	Z	-.428	-.428	0	%100
41	M37	X	.542	.542	0	%100
42	M37	Z	-.94	-.94	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	.301	.301	0	%100
46	M41	Z	-.522	-.522	0	%100
47	M45	X	.181	.181	0	%100
48	M45	Z	-.313	-.313	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	.181	.181	0	%100
54	M50A	Z	-.313	-.313	0	%100
55	M51C	X	.552	.552	0	%100
56	M51C	Z	-.957	-.957	0	%100
57	M53	X	.582	.582	0	%100
58	M53	Z	-1.008	-1.008	0	%100
59	M58A	X	.429	.429	0	%100
60	M58A	Z	-.742	-.742	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	.301	.301	0	%100
68	M64	Z	-.522	-.522	0	%100
69	M65	X	.301	.301	0	%100
70	M65	Z	-.522	-.522	0	%100
71	M69	X	.723	.723	0	%100
72	M69	Z	-1.253	-1.253	0	%100
73	M70	X	.552	.552	0	%100
74	M70	Z	-.957	-.957	0	%100
75	M72	X	.582	.582	0	%100
76	M72	Z	-1.008	-1.008	0	%100
77	M74	X	.723	.723	0	%100
78	M74	Z	-1.253	-1.253	0	%100
79	M75	X	.552	.552	0	%100
80	M75	Z	-.957	-.957	0	%100
81	M77A	X	.582	.582	0	%100
82	M77A	Z	-1.008	-1.008	0	%100
83	M82	X	.316	.316	0	%100
84	M82	Z	-.548	-.548	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	.286	.286	0	%100
88	MP5A	Z	-.496	-.496	0	%100
89	MP3C	X	.286	.286	0	%100
90	MP3C	Z	-.496	-.496	0	%100
91	MP4C	X	.286	.286	0	%100
92	MP4C	Z	-.496	-.496	0	%100
93	MP2C	X	.286	.286	0	%100
94	MP2C	Z	-.496	-.496	0	%100
95	MP1C	X	.286	.286	0	%100
96	MP1C	Z	-.496	-.496	0	%100
97	MP5C	X	.286	.286	0	%100
98	MP5C	Z	-.496	-.496	0	%100
99	MP3B	X	.286	.286	0	%100
100	MP3B	Z	-.496	-.496	0	%100
101	MP4B	X	.286	.286	0	%100
102	MP4B	Z	-.496	-.496	0	%100
103	MP2B	X	.286	.286	0	%100
104	MP2B	Z	-.496	-.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	.286	.286	0	%100
106	MP1B	Z	-.496	-.496	0	%100
107	MP5B	X	.286	.286	0	%100
108	MP5B	Z	-.496	-.496	0	%100
109	OVP	X	.286	.286	0	%100
110	OVP	Z	-.496	-.496	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	.26	.26	0	%100
114	M114	Z	-.45	-.45	0	%100
115	M120	X	.26	.26	0	%100
116	M120	Z	-.45	-.45	0	%100
117	M132	X	.315	.315	0	%100
118	M132	Z	-.546	-.546	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	.315	.315	0	%100
122	M134	Z	-.546	-.546	0	%100
123	M135	X	.397	.397	0	%100
124	M135	Z	-.687	-.687	0	%100
125	M136	X	.397	.397	0	%100
126	M136	Z	-.687	-.687	0	%100
127	M137	X	.573	.573	0	%100
128	M137	Z	-.992	-.992	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.183	.183	0	%100
2	M1	Z	-.105	-.105	0	%100
3	M4	X	.557	.557	0	%100
4	M4	Z	-.321	-.321	0	%100
5	M10	X	.143	.143	0	%100
6	M10	Z	-.082	-.082	0	%100
7	MP3A	X	.496	.496	0	%100
8	MP3A	Z	-.286	-.286	0	%100
9	MP4A	X	.496	.496	0	%100
10	MP4A	Z	-.286	-.286	0	%100
11	MP2A	X	.496	.496	0	%100
12	MP2A	Z	-.286	-.286	0	%100
13	MP1A	X	.496	.496	0	%100
14	MP1A	Z	-.286	-.286	0	%100
15	M43	X	.143	.143	0	%100
16	M43	Z	-.082	-.082	0	%100
17	M46	X	.313	.313	0	%100
18	M46	Z	-.181	-.181	0	%100
19	M51B	X	.696	.696	0	%100
20	M51B	Z	-.402	-.402	0	%100
21	M52B	X	.174	.174	0	%100
22	M52B	Z	-.1	-.1	0	%100
23	M76	X	.94	.94	0	%100
24	M76	Z	-.542	-.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	1.276	1.276	0	%100
26	M77	Z	-.737	-.737	0	%100
27	M80	X	1.344	1.344	0	%100
28	M80	Z	-.776	-.776	0	%100
29	M84	X	.94	.94	0	%100
30	M84	Z	-.542	-.542	0	%100
31	M85	X	.319	.319	0	%100
32	M85	Z	-.184	-.184	0	%100
33	M91	X	.336	.336	0	%100
34	M91	Z	-.194	-.194	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.571	.571	0	%100
38	M35	Z	-.33	-.33	0	%100
39	M36	X	.571	.571	0	%100
40	M36	Z	-.33	-.33	0	%100
41	M37	X	1.253	1.253	0	%100
42	M37	Z	-.723	-.723	0	%100
43	M40	X	.174	.174	0	%100
44	M40	Z	-.1	-.1	0	%100
45	M41	X	.174	.174	0	%100
46	M41	Z	-.1	-.1	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.319	.319	0	%100
50	M46A	Z	-.184	-.184	0	%100
51	M48	X	.336	.336	0	%100
52	M48	Z	-.194	-.194	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	.319	.319	0	%100
56	M51C	Z	-.184	-.184	0	%100
57	M53	X	.336	.336	0	%100
58	M53	Z	-.194	-.194	0	%100
59	M58A	X	.557	.557	0	%100
60	M58A	Z	-.321	-.321	0	%100
61	M59A	X	.143	.143	0	%100
62	M59A	Z	-.082	-.082	0	%100
63	M60	X	.143	.143	0	%100
64	M60	Z	-.082	-.082	0	%100
65	M61	X	.313	.313	0	%100
66	M61	Z	-.181	-.181	0	%100
67	M64	X	.174	.174	0	%100
68	M64	Z	-.1	-.1	0	%100
69	M65	X	.696	.696	0	%100
70	M65	Z	-.402	-.402	0	%100
71	M69	X	.94	.94	0	%100
72	M69	Z	-.542	-.542	0	%100
73	M70	X	.319	.319	0	%100
74	M70	Z	-.184	-.184	0	%100
75	M72	X	.336	.336	0	%100
76	M72	Z	-.194	-.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	.94	.94	0	%100
78	M74	Z	-.542	-.542	0	%100
79	M75	X	1.276	1.276	0	%100
80	M75	Z	-.737	-.737	0	%100
81	M77A	X	1.344	1.344	0	%100
82	M77A	Z	-.776	-.776	0	%100
83	M82	X	.731	.731	0	%100
84	M82	Z	-.422	-.422	0	%100
85	M83A	X	.183	.183	0	%100
86	M83A	Z	-.105	-.105	0	%100
87	MP5A	X	.496	.496	0	%100
88	MP5A	Z	-.286	-.286	0	%100
89	MP3C	X	.496	.496	0	%100
90	MP3C	Z	-.286	-.286	0	%100
91	MP4C	X	.496	.496	0	%100
92	MP4C	Z	-.286	-.286	0	%100
93	MP2C	X	.496	.496	0	%100
94	MP2C	Z	-.286	-.286	0	%100
95	MP1C	X	.496	.496	0	%100
96	MP1C	Z	-.286	-.286	0	%100
97	MP5C	X	.496	.496	0	%100
98	MP5C	Z	-.286	-.286	0	%100
99	MP3B	X	.496	.496	0	%100
100	MP3B	Z	-.286	-.286	0	%100
101	MP4B	X	.496	.496	0	%100
102	MP4B	Z	-.286	-.286	0	%100
103	MP2B	X	.496	.496	0	%100
104	MP2B	Z	-.286	-.286	0	%100
105	MP1B	X	.496	.496	0	%100
106	MP1B	Z	-.286	-.286	0	%100
107	MP5B	X	.496	.496	0	%100
108	MP5B	Z	-.286	-.286	0	%100
109	OVP	X	.496	.496	0	%100
110	OVP	Z	-.286	-.286	0	%100
111	M108	X	.15	.15	0	%100
112	M108	Z	-.087	-.087	0	%100
113	M114	X	.15	.15	0	%100
114	M114	Z	-.087	-.087	0	%100
115	M120	X	.6	.6	0	%100
116	M120	Z	-.347	-.347	0	%100
117	M132	X	.729	.729	0	%100
118	M132	Z	-.421	-.421	0	%100
119	M133	X	.182	.182	0	%100
120	M133	Z	-.105	-.105	0	%100
121	M134	X	.182	.182	0	%100
122	M134	Z	-.105	-.105	0	%100
123	M135	X	.89	.89	0	%100
124	M135	Z	-.514	-.514	0	%100
125	M136	X	.585	.585	0	%100
126	M136	Z	-.338	-.338	0	%100
127	M137	X	.89	.89	0	%100
128	M137	Z	-.514	-.514	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.857	.857	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	.573	.573	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.573	.573	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.573	.573	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.573	.573	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	.602	.602	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.602	.602	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.447	1.447	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	1.105	1.105	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	1.164	1.164	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.447	1.447	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	1.105	1.105	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	1.164	1.164	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.214	.214	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.495	.495	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	.495	.495	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	1.085	1.085	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.602	.602	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	.362	.362	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	1.105	1.105	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	1.164	1.164	0	%100
52	M48	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	.362	.362	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	.214	.214	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.495	.495	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	.495	.495	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	1.085	1.085	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	.602	.602	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.362	.362	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	.362	.362	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	1.105	1.105	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	1.164	1.164	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	.633	.633	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	.633	.633	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	.573	.573	0	%100
88	MP5A	Z	0	0	0	%100
89	MP3C	X	.573	.573	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	.573	.573	0	%100
92	MP4C	Z	0	0	0	%100
93	MP2C	X	.573	.573	0	%100
94	MP2C	Z	0	0	0	%100
95	MP1C	X	.573	.573	0	%100
96	MP1C	Z	0	0	0	%100
97	MP5C	X	.573	.573	0	%100
98	MP5C	Z	0	0	0	%100
99	MP3B	X	.573	.573	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	.573	.573	0	%100
102	MP4B	Z	0	0	0	%100
103	MP2B	X	.573	.573	0	%100
104	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	.573	.573	0	%100
106	MP1B	Z	0	0	0	%100
107	MP5B	X	.573	.573	0	%100
108	MP5B	Z	0	0	0	%100
109	OVP	X	.573	.573	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	.52	.52	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	0	0	0	%100
115	M120	X	.52	.52	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	.631	.631	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	.631	.631	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	1.145	1.145	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	.793	.793	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	.793	.793	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.183	.183	0	%100
2	M1	Z	.105	.105	0	%100
3	M4	X	.557	.557	0	%100
4	M4	Z	.321	.321	0	%100
5	M10	X	.143	.143	0	%100
6	M10	Z	.082	.082	0	%100
7	MP3A	X	.496	.496	0	%100
8	MP3A	Z	.286	.286	0	%100
9	MP4A	X	.496	.496	0	%100
10	MP4A	Z	.286	.286	0	%100
11	MP2A	X	.496	.496	0	%100
12	MP2A	Z	.286	.286	0	%100
13	MP1A	X	.496	.496	0	%100
14	MP1A	Z	.286	.286	0	%100
15	M43	X	.143	.143	0	%100
16	M43	Z	.082	.082	0	%100
17	M46	X	.313	.313	0	%100
18	M46	Z	.181	.181	0	%100
19	M51B	X	.174	.174	0	%100
20	M51B	Z	.1	.1	0	%100
21	M52B	X	.696	.696	0	%100
22	M52B	Z	.402	.402	0	%100
23	M76	X	.94	.94	0	%100
24	M76	Z	.542	.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	.319	.319	0	%100
26	M77	Z	.184	.184	0	%100
27	M80	X	.336	.336	0	%100
28	M80	Z	.194	.194	0	%100
29	M84	X	.94	.94	0	%100
30	M84	Z	.542	.542	0	%100
31	M85	X	1.276	1.276	0	%100
32	M85	Z	.737	.737	0	%100
33	M91	X	1.344	1.344	0	%100
34	M91	Z	.776	.776	0	%100
35	M34	X	.557	.557	0	%100
36	M34	Z	.321	.321	0	%100
37	M35	X	.143	.143	0	%100
38	M35	Z	.082	.082	0	%100
39	M36	X	.143	.143	0	%100
40	M36	Z	.082	.082	0	%100
41	M37	X	.313	.313	0	%100
42	M37	Z	.181	.181	0	%100
43	M40	X	.696	.696	0	%100
44	M40	Z	.402	.402	0	%100
45	M41	X	.174	.174	0	%100
46	M41	Z	.1	.1	0	%100
47	M45	X	.94	.94	0	%100
48	M45	Z	.542	.542	0	%100
49	M46A	X	1.276	1.276	0	%100
50	M46A	Z	.737	.737	0	%100
51	M48	X	1.344	1.344	0	%100
52	M48	Z	.776	.776	0	%100
53	M50A	X	.94	.94	0	%100
54	M50A	Z	.542	.542	0	%100
55	M51C	X	.319	.319	0	%100
56	M51C	Z	.184	.184	0	%100
57	M53	X	.336	.336	0	%100
58	M53	Z	.194	.194	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.571	.571	0	%100
62	M59A	Z	.33	.33	0	%100
63	M60	X	.571	.571	0	%100
64	M60	Z	.33	.33	0	%100
65	M61	X	1.253	1.253	0	%100
66	M61	Z	.723	.723	0	%100
67	M64	X	.174	.174	0	%100
68	M64	Z	.1	.1	0	%100
69	M65	X	.174	.174	0	%100
70	M65	Z	.1	.1	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	.319	.319	0	%100
74	M70	Z	.184	.184	0	%100
75	M72	X	.336	.336	0	%100
76	M72	Z	.194	.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.319	.319	0	%100
80	M75	Z	.184	.184	0	%100
81	M77A	X	.336	.336	0	%100
82	M77A	Z	.194	.194	0	%100
83	M82	X	.183	.183	0	%100
84	M82	Z	.105	.105	0	%100
85	M83A	X	.731	.731	0	%100
86	M83A	Z	.422	.422	0	%100
87	MP5A	X	.496	.496	0	%100
88	MP5A	Z	.286	.286	0	%100
89	MP3C	X	.496	.496	0	%100
90	MP3C	Z	.286	.286	0	%100
91	MP4C	X	.496	.496	0	%100
92	MP4C	Z	.286	.286	0	%100
93	MP2C	X	.496	.496	0	%100
94	MP2C	Z	.286	.286	0	%100
95	MP1C	X	.496	.496	0	%100
96	MP1C	Z	.286	.286	0	%100
97	MP5C	X	.496	.496	0	%100
98	MP5C	Z	.286	.286	0	%100
99	MP3B	X	.496	.496	0	%100
100	MP3B	Z	.286	.286	0	%100
101	MP4B	X	.496	.496	0	%100
102	MP4B	Z	.286	.286	0	%100
103	MP2B	X	.496	.496	0	%100
104	MP2B	Z	.286	.286	0	%100
105	MP1B	X	.496	.496	0	%100
106	MP1B	Z	.286	.286	0	%100
107	MP5B	X	.496	.496	0	%100
108	MP5B	Z	.286	.286	0	%100
109	OVP	X	.496	.496	0	%100
110	OVP	Z	.286	.286	0	%100
111	M108	X	.6	.6	0	%100
112	M108	Z	.347	.347	0	%100
113	M114	X	.15	.15	0	%100
114	M114	Z	.087	.087	0	%100
115	M120	X	.15	.15	0	%100
116	M120	Z	.087	.087	0	%100
117	M132	X	.182	.182	0	%100
118	M132	Z	.105	.105	0	%100
119	M133	X	.729	.729	0	%100
120	M133	Z	.421	.421	0	%100
121	M134	X	.182	.182	0	%100
122	M134	Z	.105	.105	0	%100
123	M135	X	.89	.89	0	%100
124	M135	Z	.514	.514	0	%100
125	M136	X	.89	.89	0	%100
126	M136	Z	.514	.514	0	%100
127	M137	X	.585	.585	0	%100
128	M137	Z	.338	.338	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.316	.316	0	%100
2	M1	Z	.548	.548	0	%100
3	M4	X	.107	.107	0	%100
4	M4	Z	.186	.186	0	%100
5	M10	X	.247	.247	0	%100
6	M10	Z	.428	.428	0	%100
7	MP3A	X	.286	.286	0	%100
8	MP3A	Z	.496	.496	0	%100
9	MP4A	X	.286	.286	0	%100
10	MP4A	Z	.496	.496	0	%100
11	MP2A	X	.286	.286	0	%100
12	MP2A	Z	.496	.496	0	%100
13	MP1A	X	.286	.286	0	%100
14	MP1A	Z	.496	.496	0	%100
15	M43	X	.247	.247	0	%100
16	M43	Z	.428	.428	0	%100
17	M46	X	.542	.542	0	%100
18	M46	Z	.94	.94	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.301	.301	0	%100
22	M52B	Z	.522	.522	0	%100
23	M76	X	.181	.181	0	%100
24	M76	Z	.313	.313	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	.181	.181	0	%100
30	M84	Z	.313	.313	0	%100
31	M85	X	.552	.552	0	%100
32	M85	Z	.957	.957	0	%100
33	M91	X	.582	.582	0	%100
34	M91	Z	1.008	1.008	0	%100
35	M34	X	.429	.429	0	%100
36	M34	Z	.742	.742	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.301	.301	0	%100
44	M40	Z	.522	.522	0	%100
45	M41	X	.301	.301	0	%100
46	M41	Z	.522	.522	0	%100
47	M45	X	.723	.723	0	%100
48	M45	Z	1.253	1.253	0	%100
49	M46A	X	.552	.552	0	%100
50	M46A	Z	.957	.957	0	%100
51	M48	X	.582	.582	0	%100
52	M48	Z	1.008	1.008	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	.723	.723	0	%100
54	M50A	Z	1.253	1.253	0	%100
55	M51C	X	.552	.552	0	%100
56	M51C	Z	.957	.957	0	%100
57	M53	X	.582	.582	0	%100
58	M53	Z	1.008	1.008	0	%100
59	M58A	X	.107	.107	0	%100
60	M58A	Z	.186	.186	0	%100
61	M59A	X	.247	.247	0	%100
62	M59A	Z	.428	.428	0	%100
63	M60	X	.247	.247	0	%100
64	M60	Z	.428	.428	0	%100
65	M61	X	.542	.542	0	%100
66	M61	Z	.94	.94	0	%100
67	M64	X	.301	.301	0	%100
68	M64	Z	.522	.522	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.181	.181	0	%100
72	M69	Z	.313	.313	0	%100
73	M70	X	.552	.552	0	%100
74	M70	Z	.957	.957	0	%100
75	M72	X	.582	.582	0	%100
76	M72	Z	1.008	1.008	0	%100
77	M74	X	.181	.181	0	%100
78	M74	Z	.313	.313	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	.316	.316	0	%100
86	M83A	Z	.548	.548	0	%100
87	MP5A	X	.286	.286	0	%100
88	MP5A	Z	.496	.496	0	%100
89	MP3C	X	.286	.286	0	%100
90	MP3C	Z	.496	.496	0	%100
91	MP4C	X	.286	.286	0	%100
92	MP4C	Z	.496	.496	0	%100
93	MP2C	X	.286	.286	0	%100
94	MP2C	Z	.496	.496	0	%100
95	MP1C	X	.286	.286	0	%100
96	MP1C	Z	.496	.496	0	%100
97	MP5C	X	.286	.286	0	%100
98	MP5C	Z	.496	.496	0	%100
99	MP3B	X	.286	.286	0	%100
100	MP3B	Z	.496	.496	0	%100
101	MP4B	X	.286	.286	0	%100
102	MP4B	Z	.496	.496	0	%100
103	MP2B	X	.286	.286	0	%100
104	MP2B	Z	.496	.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	.286	.286	0	%100
106	MP1B	Z	.496	.496	0	%100
107	MP5B	X	.286	.286	0	%100
108	MP5B	Z	.496	.496	0	%100
109	OVP	X	.286	.286	0	%100
110	OVP	Z	.496	.496	0	%100
111	M108	X	.26	.26	0	%100
112	M108	Z	.45	.45	0	%100
113	M114	X	.26	.26	0	%100
114	M114	Z	.45	.45	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	.315	.315	0	%100
120	M133	Z	.546	.546	0	%100
121	M134	X	.315	.315	0	%100
122	M134	Z	.546	.546	0	%100
123	M135	X	.397	.397	0	%100
124	M135	Z	.687	.687	0	%100
125	M136	X	.573	.573	0	%100
126	M136	Z	.992	.992	0	%100
127	M137	X	.397	.397	0	%100
128	M137	Z	.687	.687	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	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	.66	.66	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.573	.573	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.573	.573	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.573	.573	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.573	.573	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.66	.66	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.447	1.447	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.201	.201	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.201	.201	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	0	0	0	%100
26	M77	Z	.368	.368	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.388	.388	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	.368	.368	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.388	.388	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	.643	.643	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.165	.165	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.165	.165	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	.362	.362	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.201	.201	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	.803	.803	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	1.085	1.085	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	.368	.368	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	.388	.388	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	1.085	1.085	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	1.473	1.473	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	1.552	1.552	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	.643	.643	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.165	.165	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.165	.165	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	.362	.362	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	.803	.803	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.201	.201	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	1.085	1.085	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	1.473	1.473	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	1.552	1.552	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	0	0	0	%100
78	M74	Z	1.085	1.085	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	.368	.368	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.388	.388	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.211	.211	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	.211	.211	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	.573	.573	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	.573	.573	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	.573	.573	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	.573	.573	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	.573	.573	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	.573	.573	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	.573	.573	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	.573	.573	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	.573	.573	0	%100
105	MP1B	X	0	0	0	%100
106	MP1B	Z	.573	.573	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	.573	.573	0	%100
109	OVP	X	0	0	0	%100
110	OVP	Z	.573	.573	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	.173	.173	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	.693	.693	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	.173	.173	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	.21	.21	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	.21	.21	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	.841	.841	0	%100
123	M135	X	0	0	0	%100
124	M135	Z	.676	.676	0	%100
125	M136	X	0	0	0	%100
126	M136	Z	1.028	1.028	0	%100
127	M137	X	0	0	0	%100
128	M137	Z	1.028	1.028	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.316	-.316	0	%100
2	M1	Z	.548	.548	0	%100
3	M4	X	-.107	-.107	0	%100
4	M4	Z	.186	.186	0	%100
5	M10	X	-.247	-.247	0	%100
6	M10	Z	.428	.428	0	%100
7	MP3A	X	-.286	-.286	0	%100
8	MP3A	Z	.496	.496	0	%100
9	MP4A	X	-.286	-.286	0	%100
10	MP4A	Z	.496	.496	0	%100
11	MP2A	X	-.286	-.286	0	%100
12	MP2A	Z	.496	.496	0	%100
13	MP1A	X	-.286	-.286	0	%100
14	MP1A	Z	.496	.496	0	%100
15	M43	X	-.247	-.247	0	%100
16	M43	Z	.428	.428	0	%100
17	M46	X	-.542	-.542	0	%100
18	M46	Z	.94	.94	0	%100
19	M51B	X	-.301	-.301	0	%100
20	M51B	Z	.522	.522	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.181	-.181	0	%100
24	M76	Z	.313	.313	0	%100
25	M77	X	-.552	-.552	0	%100
26	M77	Z	.957	.957	0	%100
27	M80	X	-.582	-.582	0	%100
28	M80	Z	1.008	1.008	0	%100
29	M84	X	-.181	-.181	0	%100
30	M84	Z	.313	.313	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	M34	X	-.107	-.107	0	%100
36	M34	Z	.186	.186	0	%100
37	M35	X	-.247	-.247	0	%100
38	M35	Z	.428	.428	0	%100
39	M36	X	-.247	-.247	0	%100
40	M36	Z	.428	.428	0	%100
41	M37	X	-.542	-.542	0	%100
42	M37	Z	.94	.94	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-.301	-.301	0	%100
46	M41	Z	.522	.522	0	%100
47	M45	X	-.181	-.181	0	%100
48	M45	Z	.313	.313	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	-.181	-.181	0	%100
54	M50A	Z	.313	.313	0	%100
55	M51C	X	-.552	-.552	0	%100
56	M51C	Z	.957	.957	0	%100
57	M53	X	-.582	-.582	0	%100
58	M53	Z	1.008	1.008	0	%100
59	M58A	X	-.429	-.429	0	%100
60	M58A	Z	.742	.742	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-.301	-.301	0	%100
68	M64	Z	.522	.522	0	%100
69	M65	X	-.301	-.301	0	%100
70	M65	Z	.522	.522	0	%100
71	M69	X	-.723	-.723	0	%100
72	M69	Z	1.253	1.253	0	%100
73	M70	X	-.552	-.552	0	%100
74	M70	Z	.957	.957	0	%100
75	M72	X	-.582	-.582	0	%100
76	M72	Z	1.008	1.008	0	%100
77	M74	X	-.723	-.723	0	%100
78	M74	Z	1.253	1.253	0	%100
79	M75	X	-.552	-.552	0	%100
80	M75	Z	.957	.957	0	%100
81	M77A	X	-.582	-.582	0	%100
82	M77A	Z	1.008	1.008	0	%100
83	M82	X	-.316	-.316	0	%100
84	M82	Z	.548	.548	0	%100
85	M83A	X	0	0	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	-.286	-.286	0	%100
88	MP5A	Z	.496	.496	0	%100
89	MP3C	X	-.286	-.286	0	%100
90	MP3C	Z	.496	.496	0	%100
91	MP4C	X	-.286	-.286	0	%100
92	MP4C	Z	.496	.496	0	%100
93	MP2C	X	-.286	-.286	0	%100
94	MP2C	Z	.496	.496	0	%100
95	MP1C	X	-.286	-.286	0	%100
96	MP1C	Z	.496	.496	0	%100
97	MP5C	X	-.286	-.286	0	%100
98	MP5C	Z	.496	.496	0	%100
99	MP3B	X	-.286	-.286	0	%100
100	MP3B	Z	.496	.496	0	%100
101	MP4B	X	-.286	-.286	0	%100
102	MP4B	Z	.496	.496	0	%100
103	MP2B	X	-.286	-.286	0	%100
104	MP2B	Z	.496	.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	-.286	-.286	0	%100
106	MP1B	Z	.496	.496	0	%100
107	MP5B	X	-.286	-.286	0	%100
108	MP5B	Z	.496	.496	0	%100
109	OVP	X	-.286	-.286	0	%100
110	OVP	Z	.496	.496	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	-.26	-.26	0	%100
114	M114	Z	.45	.45	0	%100
115	M120	X	-.26	-.26	0	%100
116	M120	Z	.45	.45	0	%100
117	M132	X	-.315	-.315	0	%100
118	M132	Z	.546	.546	0	%100
119	M133	X	0	0	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	-.315	-.315	0	%100
122	M134	Z	.546	.546	0	%100
123	M135	X	-.397	-.397	0	%100
124	M135	Z	.687	.687	0	%100
125	M136	X	-.397	-.397	0	%100
126	M136	Z	.687	.687	0	%100
127	M137	X	-.573	-.573	0	%100
128	M137	Z	.992	.992	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.183	-.183	0	%100
2	M1	Z	.105	.105	0	%100
3	M4	X	-.557	-.557	0	%100
4	M4	Z	.321	.321	0	%100
5	M10	X	-.143	-.143	0	%100
6	M10	Z	.082	.082	0	%100
7	MP3A	X	-.496	-.496	0	%100
8	MP3A	Z	.286	.286	0	%100
9	MP4A	X	-.496	-.496	0	%100
10	MP4A	Z	.286	.286	0	%100
11	MP2A	X	-.496	-.496	0	%100
12	MP2A	Z	.286	.286	0	%100
13	MP1A	X	-.496	-.496	0	%100
14	MP1A	Z	.286	.286	0	%100
15	M43	X	-.143	-.143	0	%100
16	M43	Z	.082	.082	0	%100
17	M46	X	-.313	-.313	0	%100
18	M46	Z	.181	.181	0	%100
19	M51B	X	-.696	-.696	0	%100
20	M51B	Z	.402	.402	0	%100
21	M52B	X	-.174	-.174	0	%100
22	M52B	Z	.1	.1	0	%100
23	M76	X	-.94	-.94	0	%100
24	M76	Z	.542	.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	-1.276	-1.276	0	%100
26	M77	Z	.737	.737	0	%100
27	M80	X	-1.344	-1.344	0	%100
28	M80	Z	.776	.776	0	%100
29	M84	X	-.94	-.94	0	%100
30	M84	Z	.542	.542	0	%100
31	M85	X	-.319	-.319	0	%100
32	M85	Z	.184	.184	0	%100
33	M91	X	-.336	-.336	0	%100
34	M91	Z	.194	.194	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.571	-.571	0	%100
38	M35	Z	.33	.33	0	%100
39	M36	X	-.571	-.571	0	%100
40	M36	Z	.33	.33	0	%100
41	M37	X	-1.253	-1.253	0	%100
42	M37	Z	.723	.723	0	%100
43	M40	X	-.174	-.174	0	%100
44	M40	Z	.1	.1	0	%100
45	M41	X	-.174	-.174	0	%100
46	M41	Z	.1	.1	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.319	-.319	0	%100
50	M46A	Z	.184	.184	0	%100
51	M48	X	-.336	-.336	0	%100
52	M48	Z	.194	.194	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-.319	-.319	0	%100
56	M51C	Z	.184	.184	0	%100
57	M53	X	-.336	-.336	0	%100
58	M53	Z	.194	.194	0	%100
59	M58A	X	-.557	-.557	0	%100
60	M58A	Z	.321	.321	0	%100
61	M59A	X	-.143	-.143	0	%100
62	M59A	Z	.082	.082	0	%100
63	M60	X	-.143	-.143	0	%100
64	M60	Z	.082	.082	0	%100
65	M61	X	-.313	-.313	0	%100
66	M61	Z	.181	.181	0	%100
67	M64	X	-.174	-.174	0	%100
68	M64	Z	.1	.1	0	%100
69	M65	X	-.696	-.696	0	%100
70	M65	Z	.402	.402	0	%100
71	M69	X	-.94	-.94	0	%100
72	M69	Z	.542	.542	0	%100
73	M70	X	-.319	-.319	0	%100
74	M70	Z	.184	.184	0	%100
75	M72	X	-.336	-.336	0	%100
76	M72	Z	.194	.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	-.94	-.94	0	%100
78	M74	Z	.542	.542	0	%100
79	M75	X	-1.276	-1.276	0	%100
80	M75	Z	.737	.737	0	%100
81	M77A	X	-1.344	-1.344	0	%100
82	M77A	Z	.776	.776	0	%100
83	M82	X	-.731	-.731	0	%100
84	M82	Z	.422	.422	0	%100
85	M83A	X	-.183	-.183	0	%100
86	M83A	Z	.105	.105	0	%100
87	MP5A	X	-.496	-.496	0	%100
88	MP5A	Z	.286	.286	0	%100
89	MP3C	X	-.496	-.496	0	%100
90	MP3C	Z	.286	.286	0	%100
91	MP4C	X	-.496	-.496	0	%100
92	MP4C	Z	.286	.286	0	%100
93	MP2C	X	-.496	-.496	0	%100
94	MP2C	Z	.286	.286	0	%100
95	MP1C	X	-.496	-.496	0	%100
96	MP1C	Z	.286	.286	0	%100
97	MP5C	X	-.496	-.496	0	%100
98	MP5C	Z	.286	.286	0	%100
99	MP3B	X	-.496	-.496	0	%100
100	MP3B	Z	.286	.286	0	%100
101	MP4B	X	-.496	-.496	0	%100
102	MP4B	Z	.286	.286	0	%100
103	MP2B	X	-.496	-.496	0	%100
104	MP2B	Z	.286	.286	0	%100
105	MP1B	X	-.496	-.496	0	%100
106	MP1B	Z	.286	.286	0	%100
107	MP5B	X	-.496	-.496	0	%100
108	MP5B	Z	.286	.286	0	%100
109	OVP	X	-.496	-.496	0	%100
110	OVP	Z	.286	.286	0	%100
111	M108	X	-.15	-.15	0	%100
112	M108	Z	.087	.087	0	%100
113	M114	X	-.15	-.15	0	%100
114	M114	Z	.087	.087	0	%100
115	M120	X	-.6	-.6	0	%100
116	M120	Z	.347	.347	0	%100
117	M132	X	-.729	-.729	0	%100
118	M132	Z	.421	.421	0	%100
119	M133	X	-.182	-.182	0	%100
120	M133	Z	.105	.105	0	%100
121	M134	X	-.182	-.182	0	%100
122	M134	Z	.105	.105	0	%100
123	M135	X	-.89	-.89	0	%100
124	M135	Z	.514	.514	0	%100
125	M136	X	-.585	-.585	0	%100
126	M136	Z	.338	.338	0	%100
127	M137	X	-.89	-.89	0	%100
128	M137	Z	.514	.514	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.857	-.857	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	-.573	-.573	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.573	-.573	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.573	-.573	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.573	-.573	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	-.602	-.602	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.602	-.602	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.447	-1.447	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-1.105	-1.105	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-1.164	-1.164	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.447	-1.447	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-1.105	-1.105	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-1.164	-1.164	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.214	-.214	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.495	-.495	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-.495	-.495	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-1.085	-1.085	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.602	-.602	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-.362	-.362	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-1.105	-1.105	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-1.164	-1.164	0	%100
52	M48	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	-.362	-.362	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-.214	-.214	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.495	-.495	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-.495	-.495	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-1.085	-1.085	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-.602	-.602	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.362	-.362	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-.362	-.362	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-1.105	-1.105	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-1.164	-1.164	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-.633	-.633	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	-.633	-.633	0	%100
86	M83A	Z	0	0	0	%100
87	MP5A	X	-.573	-.573	0	%100
88	MP5A	Z	0	0	0	%100
89	MP3C	X	-.573	-.573	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	-.573	-.573	0	%100
92	MP4C	Z	0	0	0	%100
93	MP2C	X	-.573	-.573	0	%100
94	MP2C	Z	0	0	0	%100
95	MP1C	X	-.573	-.573	0	%100
96	MP1C	Z	0	0	0	%100
97	MP5C	X	-.573	-.573	0	%100
98	MP5C	Z	0	0	0	%100
99	MP3B	X	-.573	-.573	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	-.573	-.573	0	%100
102	MP4B	Z	0	0	0	%100
103	MP2B	X	-.573	-.573	0	%100
104	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	-.573	-.573	0	%100
106	MP1B	Z	0	0	0	%100
107	MP5B	X	-.573	-.573	0	%100
108	MP5B	Z	0	0	0	%100
109	OVP	X	-.573	-.573	0	%100
110	OVP	Z	0	0	0	%100
111	M108	X	-.52	-.52	0	%100
112	M108	Z	0	0	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	0	0	0	%100
115	M120	X	-.52	-.52	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	-.631	-.631	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-.631	-.631	0	%100
120	M133	Z	0	0	0	%100
121	M134	X	0	0	0	%100
122	M134	Z	0	0	0	%100
123	M135	X	-1.145	-1.145	0	%100
124	M135	Z	0	0	0	%100
125	M136	X	-.793	-.793	0	%100
126	M136	Z	0	0	0	%100
127	M137	X	-.793	-.793	0	%100
128	M137	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.183	-.183	0	%100
2	M1	Z	-.105	-.105	0	%100
3	M4	X	-.557	-.557	0	%100
4	M4	Z	-.321	-.321	0	%100
5	M10	X	-.143	-.143	0	%100
6	M10	Z	-.082	-.082	0	%100
7	MP3A	X	-.496	-.496	0	%100
8	MP3A	Z	-.286	-.286	0	%100
9	MP4A	X	-.496	-.496	0	%100
10	MP4A	Z	-.286	-.286	0	%100
11	MP2A	X	-.496	-.496	0	%100
12	MP2A	Z	-.286	-.286	0	%100
13	MP1A	X	-.496	-.496	0	%100
14	MP1A	Z	-.286	-.286	0	%100
15	M43	X	-.143	-.143	0	%100
16	M43	Z	-.082	-.082	0	%100
17	M46	X	-.313	-.313	0	%100
18	M46	Z	-.181	-.181	0	%100
19	M51B	X	-.174	-.174	0	%100
20	M51B	Z	-.1	-.1	0	%100
21	M52B	X	-.696	-.696	0	%100
22	M52B	Z	-.402	-.402	0	%100
23	M76	X	-.94	-.94	0	%100
24	M76	Z	-.542	-.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M77	X	-.319	-.319	0	%100
26	M77	Z	-.184	-.184	0	%100
27	M80	X	-.336	-.336	0	%100
28	M80	Z	-.194	-.194	0	%100
29	M84	X	-.94	-.94	0	%100
30	M84	Z	-.542	-.542	0	%100
31	M85	X	-1.276	-1.276	0	%100
32	M85	Z	-.737	-.737	0	%100
33	M91	X	-1.344	-1.344	0	%100
34	M91	Z	-.776	-.776	0	%100
35	M34	X	-.557	-.557	0	%100
36	M34	Z	-.321	-.321	0	%100
37	M35	X	-.143	-.143	0	%100
38	M35	Z	-.082	-.082	0	%100
39	M36	X	-.143	-.143	0	%100
40	M36	Z	-.082	-.082	0	%100
41	M37	X	-.313	-.313	0	%100
42	M37	Z	-.181	-.181	0	%100
43	M40	X	-.696	-.696	0	%100
44	M40	Z	-.402	-.402	0	%100
45	M41	X	-.174	-.174	0	%100
46	M41	Z	-.1	-.1	0	%100
47	M45	X	-.94	-.94	0	%100
48	M45	Z	-.542	-.542	0	%100
49	M46A	X	-1.276	-1.276	0	%100
50	M46A	Z	-.737	-.737	0	%100
51	M48	X	-1.344	-1.344	0	%100
52	M48	Z	-.776	-.776	0	%100
53	M50A	X	-.94	-.94	0	%100
54	M50A	Z	-.542	-.542	0	%100
55	M51C	X	-.319	-.319	0	%100
56	M51C	Z	-.184	-.184	0	%100
57	M53	X	-.336	-.336	0	%100
58	M53	Z	-.194	-.194	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.571	-.571	0	%100
62	M59A	Z	-.33	-.33	0	%100
63	M60	X	-.571	-.571	0	%100
64	M60	Z	-.33	-.33	0	%100
65	M61	X	-1.253	-1.253	0	%100
66	M61	Z	-.723	-.723	0	%100
67	M64	X	-.174	-.174	0	%100
68	M64	Z	-.1	-.1	0	%100
69	M65	X	-.174	-.174	0	%100
70	M65	Z	-.1	-.1	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-.319	-.319	0	%100
74	M70	Z	-.184	-.184	0	%100
75	M72	X	-.336	-.336	0	%100
76	M72	Z	-.194	-.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.319	-.319	0	%100
80	M75	Z	-.184	-.184	0	%100
81	M77A	X	-.336	-.336	0	%100
82	M77A	Z	-.194	-.194	0	%100
83	M82	X	-.183	-.183	0	%100
84	M82	Z	-.105	-.105	0	%100
85	M83A	X	-.731	-.731	0	%100
86	M83A	Z	-.422	-.422	0	%100
87	MP5A	X	-.496	-.496	0	%100
88	MP5A	Z	-.286	-.286	0	%100
89	MP3C	X	-.496	-.496	0	%100
90	MP3C	Z	-.286	-.286	0	%100
91	MP4C	X	-.496	-.496	0	%100
92	MP4C	Z	-.286	-.286	0	%100
93	MP2C	X	-.496	-.496	0	%100
94	MP2C	Z	-.286	-.286	0	%100
95	MP1C	X	-.496	-.496	0	%100
96	MP1C	Z	-.286	-.286	0	%100
97	MP5C	X	-.496	-.496	0	%100
98	MP5C	Z	-.286	-.286	0	%100
99	MP3B	X	-.496	-.496	0	%100
100	MP3B	Z	-.286	-.286	0	%100
101	MP4B	X	-.496	-.496	0	%100
102	MP4B	Z	-.286	-.286	0	%100
103	MP2B	X	-.496	-.496	0	%100
104	MP2B	Z	-.286	-.286	0	%100
105	MP1B	X	-.496	-.496	0	%100
106	MP1B	Z	-.286	-.286	0	%100
107	MP5B	X	-.496	-.496	0	%100
108	MP5B	Z	-.286	-.286	0	%100
109	OVP	X	-.496	-.496	0	%100
110	OVP	Z	-.286	-.286	0	%100
111	M108	X	-.6	-.6	0	%100
112	M108	Z	-.347	-.347	0	%100
113	M114	X	-.15	-.15	0	%100
114	M114	Z	-.087	-.087	0	%100
115	M120	X	-.15	-.15	0	%100
116	M120	Z	-.087	-.087	0	%100
117	M132	X	-.182	-.182	0	%100
118	M132	Z	-.105	-.105	0	%100
119	M133	X	-.729	-.729	0	%100
120	M133	Z	-.421	-.421	0	%100
121	M134	X	-.182	-.182	0	%100
122	M134	Z	-.105	-.105	0	%100
123	M135	X	-.89	-.89	0	%100
124	M135	Z	-.514	-.514	0	%100
125	M136	X	-.89	-.89	0	%100
126	M136	Z	-.514	-.514	0	%100
127	M137	X	-.585	-.585	0	%100
128	M137	Z	-.338	-.338	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.316	-.316	0	%100
2	M1	Z	-.548	-.548	0	%100
3	M4	X	-.107	-.107	0	%100
4	M4	Z	-.186	-.186	0	%100
5	M10	X	-.247	-.247	0	%100
6	M10	Z	-.428	-.428	0	%100
7	MP3A	X	-.286	-.286	0	%100
8	MP3A	Z	-.496	-.496	0	%100
9	MP4A	X	-.286	-.286	0	%100
10	MP4A	Z	-.496	-.496	0	%100
11	MP2A	X	-.286	-.286	0	%100
12	MP2A	Z	-.496	-.496	0	%100
13	MP1A	X	-.286	-.286	0	%100
14	MP1A	Z	-.496	-.496	0	%100
15	M43	X	-.247	-.247	0	%100
16	M43	Z	-.428	-.428	0	%100
17	M46	X	-.542	-.542	0	%100
18	M46	Z	-.94	-.94	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.301	-.301	0	%100
22	M52B	Z	-.522	-.522	0	%100
23	M76	X	-.181	-.181	0	%100
24	M76	Z	-.313	-.313	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	-.181	-.181	0	%100
30	M84	Z	-.313	-.313	0	%100
31	M85	X	-.552	-.552	0	%100
32	M85	Z	-.957	-.957	0	%100
33	M91	X	-.582	-.582	0	%100
34	M91	Z	-1.008	-1.008	0	%100
35	M34	X	-.429	-.429	0	%100
36	M34	Z	-.742	-.742	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.301	-.301	0	%100
44	M40	Z	-.522	-.522	0	%100
45	M41	X	-.301	-.301	0	%100
46	M41	Z	-.522	-.522	0	%100
47	M45	X	-.723	-.723	0	%100
48	M45	Z	-1.253	-1.253	0	%100
49	M46A	X	-.552	-.552	0	%100
50	M46A	Z	-.957	-.957	0	%100
51	M48	X	-.582	-.582	0	%100
52	M48	Z	-1.008	-1.008	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M50A	X	-.723	-.723	0	%100
54	M50A	Z	-1.253	-1.253	0	%100
55	M51C	X	-.552	-.552	0	%100
56	M51C	Z	-.957	-.957	0	%100
57	M53	X	-.582	-.582	0	%100
58	M53	Z	-1.008	-1.008	0	%100
59	M58A	X	-.107	-.107	0	%100
60	M58A	Z	-.186	-.186	0	%100
61	M59A	X	-.247	-.247	0	%100
62	M59A	Z	-.428	-.428	0	%100
63	M60	X	-.247	-.247	0	%100
64	M60	Z	-.428	-.428	0	%100
65	M61	X	-.542	-.542	0	%100
66	M61	Z	-.94	-.94	0	%100
67	M64	X	-.301	-.301	0	%100
68	M64	Z	-.522	-.522	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.181	-.181	0	%100
72	M69	Z	-.313	-.313	0	%100
73	M70	X	-.552	-.552	0	%100
74	M70	Z	-.957	-.957	0	%100
75	M72	X	-.582	-.582	0	%100
76	M72	Z	-1.008	-1.008	0	%100
77	M74	X	-.181	-.181	0	%100
78	M74	Z	-.313	-.313	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	M83A	X	-.316	-.316	0	%100
86	M83A	Z	-.548	-.548	0	%100
87	MP5A	X	-.286	-.286	0	%100
88	MP5A	Z	-.496	-.496	0	%100
89	MP3C	X	-.286	-.286	0	%100
90	MP3C	Z	-.496	-.496	0	%100
91	MP4C	X	-.286	-.286	0	%100
92	MP4C	Z	-.496	-.496	0	%100
93	MP2C	X	-.286	-.286	0	%100
94	MP2C	Z	-.496	-.496	0	%100
95	MP1C	X	-.286	-.286	0	%100
96	MP1C	Z	-.496	-.496	0	%100
97	MP5C	X	-.286	-.286	0	%100
98	MP5C	Z	-.496	-.496	0	%100
99	MP3B	X	-.286	-.286	0	%100
100	MP3B	Z	-.496	-.496	0	%100
101	MP4B	X	-.286	-.286	0	%100
102	MP4B	Z	-.496	-.496	0	%100
103	MP2B	X	-.286	-.286	0	%100
104	MP2B	Z	-.496	-.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP1B	X	-.286	-.286	0	%100
106	MP1B	Z	-.496	-.496	0	%100
107	MP5B	X	-.286	-.286	0	%100
108	MP5B	Z	-.496	-.496	0	%100
109	OVP	X	-.286	-.286	0	%100
110	OVP	Z	-.496	-.496	0	%100
111	M108	X	-.26	-.26	0	%100
112	M108	Z	-.45	-.45	0	%100
113	M114	X	-.26	-.26	0	%100
114	M114	Z	-.45	-.45	0	%100
115	M120	X	0	0	0	%100
116	M120	Z	0	0	0	%100
117	M132	X	0	0	0	%100
118	M132	Z	0	0	0	%100
119	M133	X	-.315	-.315	0	%100
120	M133	Z	-.546	-.546	0	%100
121	M134	X	-.315	-.315	0	%100
122	M134	Z	-.546	-.546	0	%100
123	M135	X	-.397	-.397	0	%100
124	M135	Z	-.687	-.687	0	%100
125	M136	X	-.573	-.573	0	%100
126	M136	Z	-.992	-.992	0	%100
127	M137	X	-.397	-.397	0	%100
128	M137	Z	-.687	-.687	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-1.665	-4.227	0	.832
2	M40	Y	-4.227	-6.9	.832	1.665
3	M40	Y	-6.9	-8.189	1.665	2.497
4	M40	Y	-8.189	-6.545	2.497	3.329
5	M40	Y	-6.545	-3.463	3.329	4.162
6	M41	Y	-3.47	-6.578	0	.832
7	M41	Y	-6.578	-8.256	.832	1.665
8	M41	Y	-8.256	-7.042	1.665	2.497
9	M41	Y	-7.042	-4.428	2.497	3.329
10	M41	Y	-4.428	-1.879	3.329	4.162
11	M64	Y	-1.879	-4.428	0	.832
12	M64	Y	-4.428	-7.042	.832	1.665
13	M64	Y	-7.042	-8.256	1.665	2.497
14	M64	Y	-8.256	-6.578	2.497	3.329
15	M64	Y	-6.578	-3.47	3.329	4.162
16	M65	Y	-3.463	-6.545	0	.832
17	M65	Y	-6.545	-8.189	.832	1.665
18	M65	Y	-8.189	-6.9	1.665	2.497
19	M65	Y	-6.9	-4.227	2.497	3.329
20	M65	Y	-4.227	-1.665	3.329	4.162
21	M51B	Y	-1.661	-4.228	0	.832
22	M51B	Y	-4.228	-6.902	.832	1.665
23	M51B	Y	-6.902	-8.189	1.665	2.497
24	M51B	Y	-8.189	-6.545	2.497	3.329

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M51B	Y	-6.545	-3.463	3.329	4.162
26	M52B	Y	-3.462	-6.573	0	.832
27	M52B	Y	-6.573	-8.26	.832	1.665
28	M52B	Y	-8.26	-7.044	1.665	2.497
29	M52B	Y	-7.044	-4.426	2.497	3.329
30	M52B	Y	-4.426	-1.884	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-3.195	-8.109	0	.832
2	M40	Y	-8.109	-13.237	.832	1.665
3	M40	Y	-13.237	-15.71	1.665	2.497
4	M40	Y	-15.71	-12.555	2.497	3.329
5	M40	Y	-12.555	-6.643	3.329	4.162
6	M41	Y	-6.657	-12.619	0	.832
7	M41	Y	-12.619	-15.839	.832	1.665
8	M41	Y	-15.839	-13.509	1.665	2.497
9	M41	Y	-13.509	-8.495	2.497	3.329
10	M41	Y	-8.495	-3.605	3.329	4.162
11	M64	Y	-3.605	-8.495	0	.832
12	M64	Y	-8.495	-13.509	.832	1.665
13	M64	Y	-13.509	-15.839	1.665	2.497
14	M64	Y	-15.839	-12.619	2.497	3.329
15	M64	Y	-12.619	-6.657	3.329	4.162
16	M65	Y	-6.643	-12.555	0	.832
17	M65	Y	-12.555	-15.71	.832	1.665
18	M65	Y	-15.71	-13.237	1.665	2.497
19	M65	Y	-13.237	-8.109	2.497	3.329
20	M65	Y	-8.109	-3.195	3.329	4.162
21	M51B	Y	-3.187	-8.112	0	.832
22	M51B	Y	-8.112	-13.241	.832	1.665
23	M51B	Y	-13.241	-15.709	1.665	2.497
24	M51B	Y	-15.709	-12.555	2.497	3.329
25	M51B	Y	-12.555	-6.644	3.329	4.162
26	M52B	Y	-6.641	-12.61	0	.832
27	M52B	Y	-12.61	-15.847	.832	1.665
28	M52B	Y	-15.847	-13.514	1.665	2.497
29	M52B	Y	-13.514	-8.491	2.497	3.329
30	M52B	Y	-8.491	-3.615	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N55	N54	N77	N79	Y	Two Way	-.005
2	N83	N84	N108	N106	Y	Two Way	-.005
3	N6	N7	N87B	N87C	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N55	N54	N77	N79	Y	Two Way	-.01

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
2	N83	N84	N108	N106	Y	Two Way	-.01
3	N6	N7	N87B	N87C	Y	Two Way	-.01

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	1200.297	10	192.136	7	4129.413	1	.105	12	1.827	4	.256	4
2		min	-1200.138	4	-68.867	1	-1616.698	7	-.061	6	-1.823	10	-.235	10
3	N52	max	3441.207	9	92.417	3	709.914	2	.123	7	1.693	12	.203	49
4		min	-1272.353	3	-89.985	9	-1961.219	8	-.305	37	-1.69	6	-.093	4
5	N81	max	1157.647	11	92.368	11	979.72	12	.123	7	1.7	8	.107	10
6		min	-3327.814	5	-89.838	5	-2229.706	6	-.355	25	-1.697	2	-.285	28
7	N204A	max	44.795	10	2293.471	13	-792.99	7	0	51	0	4	0	10
8		min	-44.761	4	585.256	7	-3053.236	13	0	1	0	10	0	4
9	N207	max	-726.389	3	2277.433	21	1515.626	21	0	6	0	12	0	12
10		min	-2625.222	21	618.752	3	419.315	3	0	12	0	6	0	6
11	N210	max	2625.654	17	2277.835	17	1515.977	17	0	8	0	8	0	8
12		min	726.232	11	618.664	11	419.348	11	0	26	0	26	0	26
13	Totals:	max	5007.83	10	6628.341	20	4990.822	1						
14		min	-5007.829	4	3023.593	2	-4990.822	7						

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	M1	PIPE_3.0	.152	6.25	46	.068	8.203		1	28250.554	65205	5.749	5.749	1....	H1-1b
2	M4	HSS4X4X4	.119	0	10	.051	4.485	y	23	124657.7...	139518	16.181	16.181	2....	H1-1b
3	M10	L2x2x4	.289	2.375	13	.537	.223	z	8	22989.096	30585.6	.691	1.577	1....	H2-1
4	MP3A	PIPE_2.0	.202	3.5	12	.036	3.5		10	20866.733	32130	1.872	1.872	2....	H1-1b
5	MP4A	PIPE_2.0	.254	3.5	46	.066	3.5		8	20866.733	32130	1.872	1.872	1....	H1-1b
6	MP2A	PIPE_2.0	.290	3.833	1	.110	3.833		9	14916.096	32130	1.872	1.872	3....	H1-1b
7	MP1A	PIPE_2.0	.220	3.5	28	.097	3.5		4	20866.733	32130	1.872	1.872	1....	H1-1b
8	M43	L2x2x4	.297	2.152	7	.453	2.152	z	6	22989.096	30585.6	.691	1.577	2....	H2-1
9	M46	PL1/2X6	.295	.516	1	.162	.516	y	15	66009.234	97200	1.012	12.15	1....	H1-1b
10	M51B	L2x2x2	.391	4.162	2	.021	0	y	20	6739.676	15908.4	.403	.681	1....	H2-1
11	M52B	L2x2x2	.351	0	12	.021	4.162	y	18	6739.676	15908.4	.403	.68	1....	H2-1
12	M76	PL3/8x6	.181	0	4	.113	0	y	8	70677.939	72900	.57	9.113	1....	H1-1b
13	M77	PL3/8x6	.183	.167	8	.021	0	z	9	71601.728	72900	.57	9.113	1....	H1-1b
14	M80	PL1/2X6	.082	.112	1	.202	0	y	24	96757.507	97200	1.012	12.15	1....	H1-1b
15	M84	PL3/8x6	.134	0	10	.101	0	y	6	70677.939	72900	.57	9.113	1....	H1-1b
16	M85	PL3/8x6	.167	.167	6	.016	0	z	5	71601.728	72900	.57	9.113	1....	H1-1b
17	M91	PL1/2X6	.086	.112	1	.191	0	y	14	96757.507	97200	1.012	12.15	1....	H1-1b
18	M34	HSS4X4X4	.111	0	12	.051	4.485	y	19	124657.7...	139518	16.181	16.181	1....	H1-1b
19	M35	L2x2x4	.293	2.375	22	.537	.223	z	4	22989.096	30585.6	.691	1.577	1....	H2-1
20	M36	L2x2x4	.296	2.152	3	.452	2.152	z	2	22989.096	30585.6	.691	1.577	2....	H2-1
21	M37	PL1/2X6	.295	.516	9	.164	.516	y	23	66009.234	97200	1.012	12.15	1....	H1-1b
22	M40	L2x2x2	.390	4.162	10	.021	0	y	16	6739.676	15908.4	.403	.681	1....	H2-1
23	M41	L2x2x2	.349	0	8	.021	4.162	y	15	6739.676	15908.4	.403	.68	1....	H2-1
24	M45	PL3/8x6	.181	0	12	.110	0	y	4	70677.939	72900	.57	9.113	1....	H1-1b
25	M46A	PL3/8x6	.183	.167	4	.020	0	z	5	71601.728	72900	.57	9.113	1....	H1-1b
26	M48	PL1/2X6	.082	.112	9	.202	0	y	20	96757.507	97200	1.012	12.15	1....	H1-1b
27	M50A	PL3/8x6	.133	0	6	.098	0	y	2	70677.939	72900	.57	9.113	1....	H1-1b

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
28	M51C	PL3/8x6	.167	.167	2	.029	0	y	40	71601.728	72900	.57	9.113	1....	H1-1b
29	M53	PL1/2X6	.087	.112	9	.191	0	y	22	96757.507	97200	1.012	12.15	1....	H1-1b
30	M58A	HSS4X4X4	.112	0	8	.060	4.485	y	27	124657.7...	139518	16.181	16.181	1....	H1-1b
31	M59A	L2x2x4	.299	2.375	41	.538	.223	z	12	22989.096	30585.6	.691	1.577	1....	H2-1
32	M60	L2x2x4	.297	2.152	11	.452	2.152	z	10	22989.096	30585.6	.691	1.577	2....	H2-1
33	M61	PL1/2X6	.296	.516	5	.164	.516	y	19	66009.234	97200	1.012	12.15	1....	H1-1b
34	M64	L2x2x2	.390	4.162	6	.021	0	y	24	6739.676	15908.4	.403	.68	1....	H2-1
35	M65	L2x2x2	.349	0	4	.020	4.162	y	23	6739.676	15908.4	.403	.681	1....	H2-1
36	M69	PL3/8x6	.182	0	8	.111	0	y	12	70677.939	72900	.57	9.113	1....	H1-1b
37	M70	PL3/8x6	.183	.167	12	.031	0	y	38	71601.728	72900	.57	9.113	1....	H1-1b
38	M72	PL1/2X6	.082	.112	5	.213	0	y	28	96757.507	97200	1.012	12.15	1....	H1-1b
39	M74	PL3/8x6	.134	0	2	.098	0	y	10	70677.939	72900	.57	9.113	1....	H1-1b
40	M75	PL3/8x6	.167	.167	10	.015	0	z	9	71601.728	72900	.57	9.113	1....	H1-1b
41	M77A	PL1/2X6	.087	.112	5	.191	0	y	18	96757.507	97200	1.012	12.15	1....	H1-1b
42	M82	PIPE_3.0	.094	.781	24	.068	4.297		9	28250.554	65205	5.749	5.749	1....	H1-1b
43	M83A	PIPE_3.0	.094	.781	20	.068	4.297		5	28250.554	65205	5.749	5.749	1....	H1-1b
44	MP5A	PIPE_2.0	.177	3.5	10	.092	3.5		10	20866.733	32130	1.872	1.872	1....	H1-1b
45	MP3C	PIPE_2.0	.202	3.5	9	.036	3.5		6	20866.733	32130	1.872	1.872	2....	H1-1b
46	MP4C	PIPE_2.0	.236	3.5	6	.066	3.5		4	20866.733	32130	1.872	1.872	2....	H1-1b
47	MP2C	PIPE_2.0	.290	3.833	9	.110	3.833		5	14916.096	32130	1.872	1.872	2	H1-1b
48	MP1C	PIPE_2.0	.214	3.5	12	.097	3.5		12	20866.733	32130	1.872	1.872	2....	H1-1b
49	MP5C	PIPE_2.0	.177	3.5	6	.092	3.5		6	20866.733	32130	1.872	1.872	2....	H1-1b
50	MP3B	PIPE_2.0	.203	3.5	4	.036	3.5		2	20866.733	32130	1.872	1.872	2....	H1-1b
51	MP4B	PIPE_2.0	.236	3.5	2	.066	3.5		12	20866.733	32130	1.872	1.872	2....	H1-1b
52	MP2B	PIPE_2.0	.290	3.833	5	.110	3.833		1	14916.096	32130	1.872	1.872	1....	H1-1b
53	MP1B	PIPE_2.0	.215	3.5	8	.097	3.5		8	20866.733	32130	1.872	1.872	2....	H1-1b
54	MP5B	PIPE_2.0	.177	3.5	2	.092	3.5		2	20866.733	32130	1.872	1.872	2....	H1-1b
55	OVP	PIPE_2.0	.240	3.5	5	.018	3.5		5	20866.733	32130	1.872	1.872	1....	H1-1b
56	M108	PIPE_2.5	.099	.26	20	.055	.26		10	14558.792	50715	3.596	3.596	1....	H1-1b
57	M114	PIPE_2.5	.145	6.25	46	.055	.26		6	14558.792	50715	3.596	3.596	1....	H1-1b
58	M120	PIPE_2.5	.099	.26	24	.055	.26		2	14558.792	50715	3.596	3.596	1....	H1-1b
59	M132	L3X3X4	.173	0	5	.022	0	y	12	43677.293	46656	1.688	3.756	2....	H2-1
60	M133	L3X3X4	.173	0	1	.022	.018	y	8	43677.293	46656	1.688	3.756	2....	H2-1
61	M134	L3X3X4	.173	0	9	.021	.018	y	4	43677.293	46656	1.688	3.756	2....	H2-1
62	M135	LL3x3x3x6	.083	5.5	13	.004	0	z	4	46264.486	70632	6.362	3.751	1	H1-1b*
63	M136	LL3x3x3x6	.082	5.5	21	.004	0	z	12	46264.486	70632	6.362	3.751	1	H1-1b*
64	M137	LL3x3x3x6	.082	5.5	17	.004	5.5	z	8	46264.486	70632	6.362	3.751	1	H1-1b*

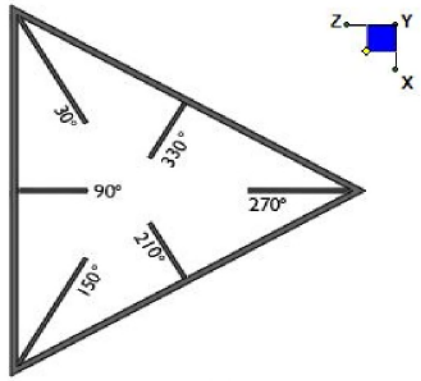
Client:	Verizon Wireless	Date:	4/28/2021
Site Name:	Bogus Hill		
Project No.	20777638A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

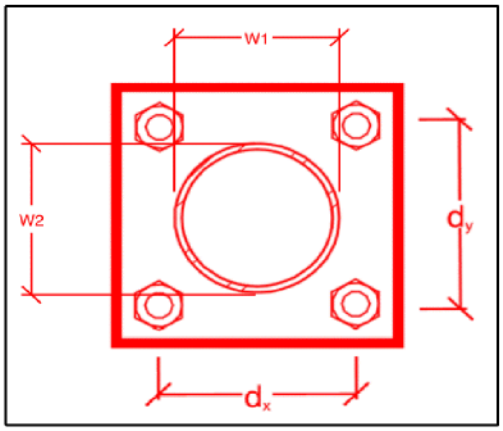
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N3	270
N52	30
N81	150



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):	0.625
Required Tensile Strength (kips):	8.7
Required Shear Strength (kips):	2.2
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**10.5%***
Shear Capacity Overall:	**4.5%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	rect
Plate Width (in):	10
Plate Height (in):	10
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.5
Weld Size (1/16 in):	3
Phi*Rn (kip/in):	4.18
Required Weld Strength (kip/in):	1.13
Plate Bending Capacity:	**21.6%**
Weld Capacity:	**27.0%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	0.0
Phi*Mn_{xx} *(kip-in)* :	20.3
Mu_{yy} *(kip-in)* :	4.3
Phi*Mn_{yy} *(kip-in)* :	20.3

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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

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

Base Requirements:

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

Photo Requirements:

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

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

Material Certification:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor shall install new safety climb wire rope guides to the threaded rods of the existing and proposed mount collar assemblies to prevent interference with mount connection.

Response:

Schedule A – Photo & Document File Structure

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

Structure: 467279-VZW - Bogus Hill CT

Sector: **A**

Structure Type: Monopole

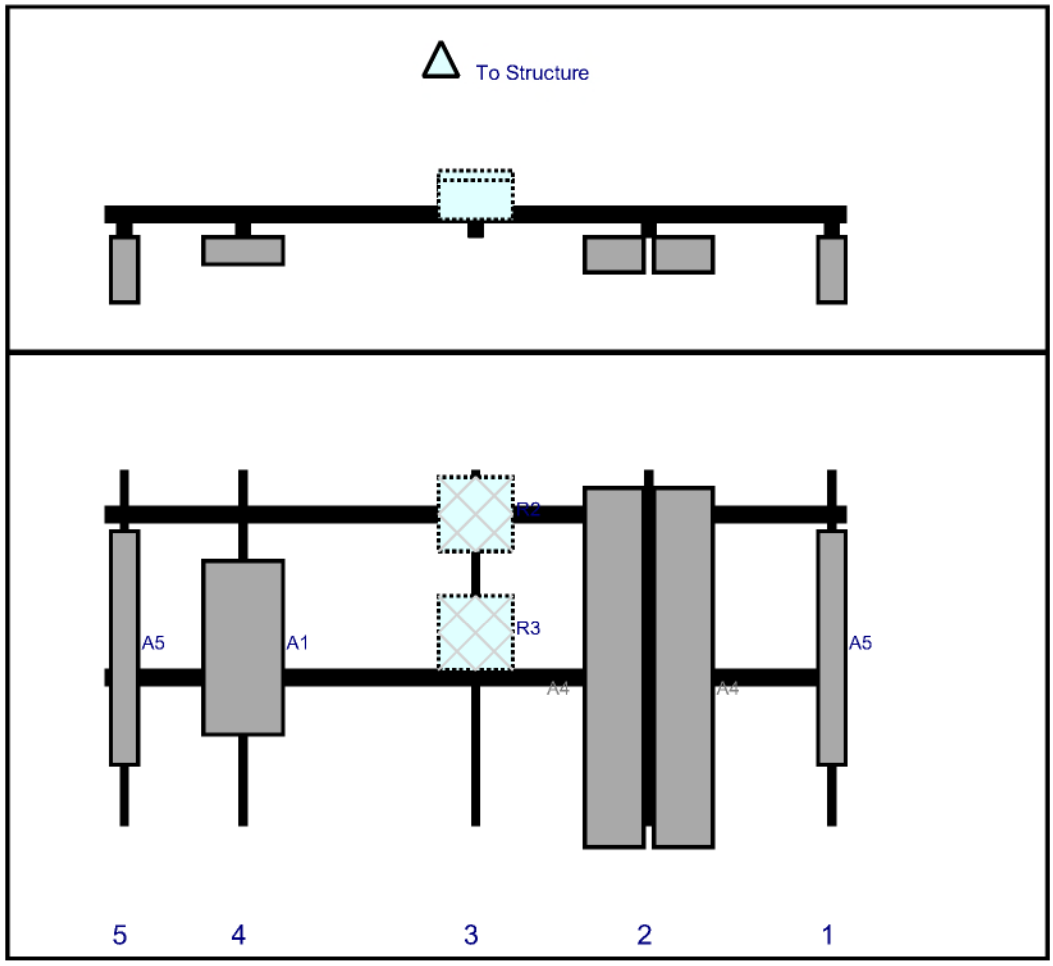
Mount Elev: 119.17

4/28/2021

MASER CONSULTING — CONNECTICUT —

Plan View

Front View
Looking at Structure

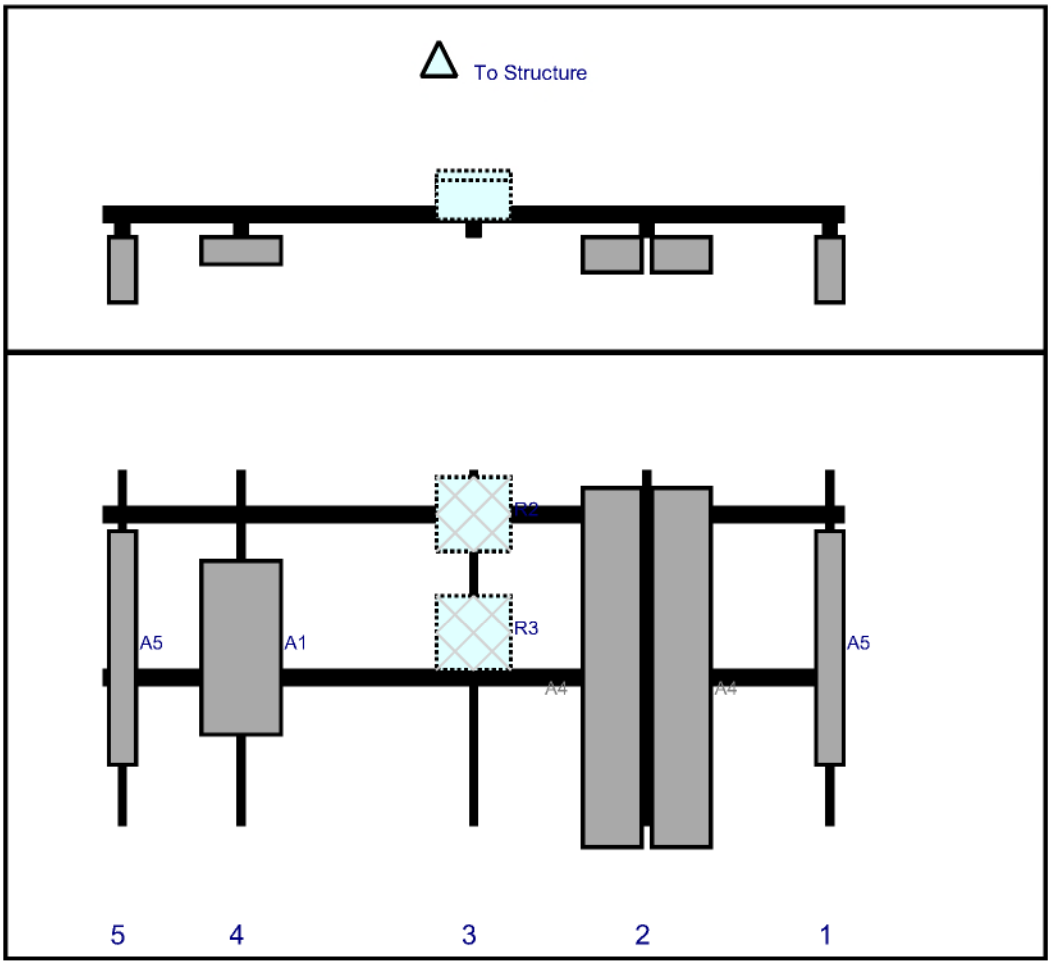


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A5	LPA-80080/4CF	47.2	5.5	147	1	a	Front	36	0	Retained	02/12/2021
A4	SBNHH-1D65B	72.6	11.9	110	2	a	Front	39.96	7	Retained	02/12/2021
A4	SBNHH-1D65B	72.6	11.9	110	2	b	Front	39.96	-7	Retained	02/12/2021
R2	B2/B66A RRH-BR049	15	15	75	3	a	Behind	9	0	Added	
R3	B5/B13 RRH-BR04C	15	15	75	3	a	Behind	33	0	Added	
A1	MT6407-77A	35.1	16.1	28	4	a	Front	36	0	Added	
A5	LPA-80080/4CF	47.2	5.5	4	5	a	Front	36	0	Retained	02/12/2021

MASER CONSULTING — CONNECTICUT —

Plan View

Front View
Looking at Structure



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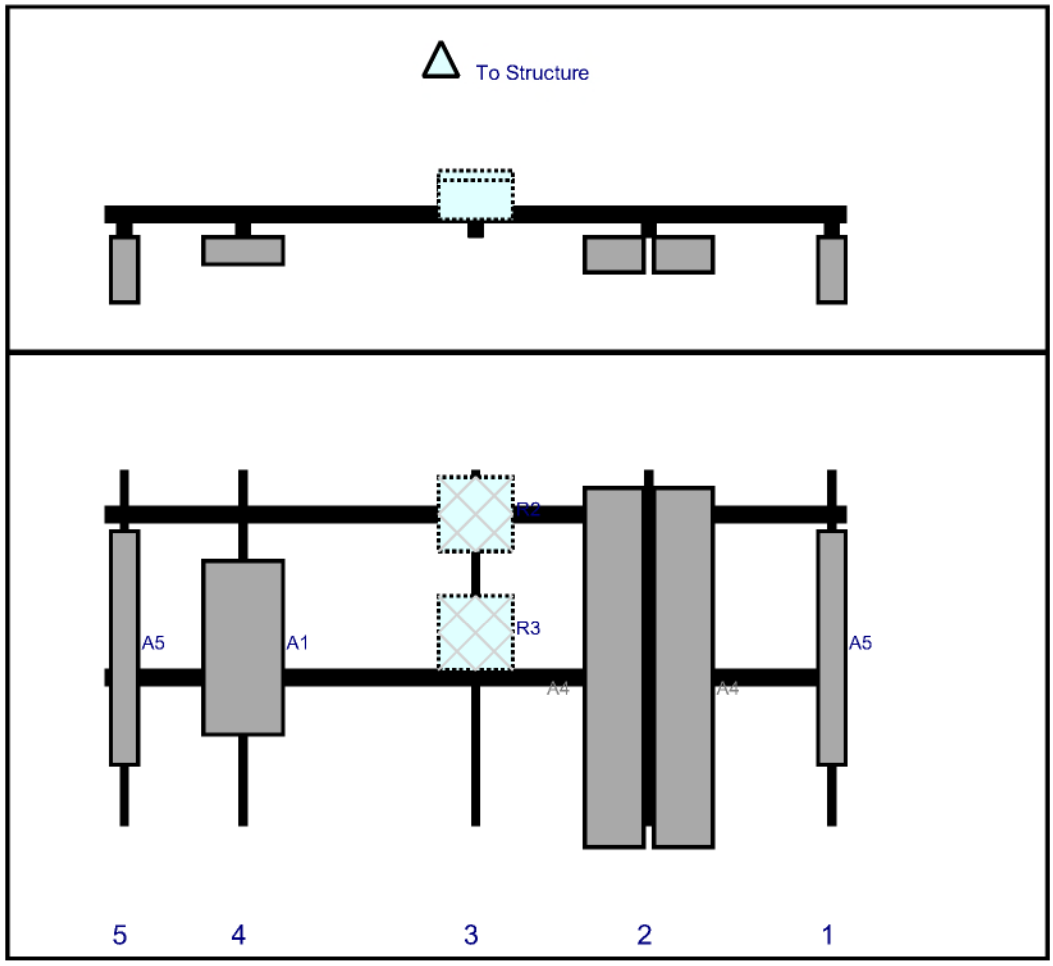
R3	B5/B13 RRH-BR04C	15	15	75	3	a	Behind	33	0	Added	
A1	MT6407-77A	35.1	16.1	28	4	a	Front	36	0	Added	
A5	LPA-80080/4CF	47.2	5.5	4	5	a	Front	36	0	Retained	02/12/2021
A5	LPA-80080/4CF	47.2	5.5	147	1	a	Front	36	0	Retained	02/12/2021
A4	SBNHH-1D65B	72.6	11.9	110	2	a	Front	39.96	7	Retained	02/12/2021
A4	SBNHH-1D65B	72.6	11.9	110	2	b	Front	39.96	-7	Retained	02/12/2021

Plan View

Front View
Looking at Structure



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A5	LPA-80080/4CF	47.2	5.5	4	5	a	Front	36	0	Retained	02/12/2021

Maser Consulting Connecticut

Subject	TIA-222-H Usage	
Site Information	*Site ID:*	*467279-VZW / Bogus Hill CT*
	Site Name:	*Bogus Hill CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*29 Bogus Hill Road* *New Fairfield, Connecticut 06812* *Fairfield County*
	Latitude:	*41.511836°*
	Longitude:	*-73.467208°*
Structure Information	*Tower Type:*	*150-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

To Whom It May Concern,

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

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

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

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

Sincerely,

Digitally signed by Justin Linette
Date: 2021.04.30 14:10:01-04'00'

Justin Linette, PE
Sr. Technical Manager

PROJECT NOTES

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

verizon

MOUNT MODIFICATION DRAWINGS
EXISTING 12.50' PLATFORM

SITE NAME: BOGUS HILL CT
SITE NUMBER: 467279

29 BOGUS HILL ROAD
NEW FAIRFIELD, CT 06812
FAIRFIELD COUNTY

PROJECT INFORMATION

SITE INFORMATION

LATITUDE:	41.511836° N
LONGITUDE:	73.467208° W
JURISDICTION:	FAIRFIELD COUNTY

APPLICANT/LESSEE

COMPANY:	VERIZON WIRELESS

CLIENT REPRESENTATIVE

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

PROJECT MANAGER

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

SHEET INDEX

SHEET	DESCRIPTION
T-1	TITLE SHEET
S-1	BILL OF MATERIALS
S-2	MODIFICATION NOTES
S-3	MODIFICATION NOTES
S-4	MODIFICATION DETAILS
S-5	MODIFICATION DETAILS
S-6	MODIFICATION DETAILS
S-7	MOUNT PHOTOS
	SPECIFICATION SHEETS

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION:	HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #:	10056452
VZW LOCATION CODE (PSLC):	467279
FUZE ID:	15297445

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

REFERENCED DOCUMENTS

FAILING MOUNT ANALYSIS REPORT

SMART TOOL PROJECT #:	10032608
MASER CONSULTING PROJECT #:	20777638A
ANALYSIS DATE:	3/19/2021

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FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

SCALE:	JOB NUMBER:
AS SHOWN	20777618A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	4/28/2021	ISSUED FOR CONSTRUCTION	FAC	JL

Justin Linette
PROFESSIONAL ENGINEER
Digitally signed by Justin Peter Linette
Date: 2021.04.30 14:12

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

SITE NAME:
BOGUS HILL CT
467279

29 BOGUS HILL ROAD
NEW FAIRFIELD, CT 06812
FAIRFIELD COUNTY

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

SHEET TITLE: TITLE SHEET

SHEET NUMBER: T-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

BILL OF MATERIALS

VZWSMART KITS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES
1	VZWSMART	VZWSMART-PLK1	SUPPORT RAIL KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET S-2.
1		VZWSMART-PLK5	KICKER KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET S-2.
1		VZWSMART-PLK7	MONOPOLE COLLAR MOUNT ASSEMBLY	
3		VZWSMART-MSK1	CROSSOVER PLATE	

OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES

NOTE: ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR

VZWSMART KITS - APPROVED VENDORS

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

NOTE: WHEN SPECIFIED, VZWSMART KITS SHALL BE REQUIRED AND WILL BE VERIFIED DURING THE DESKTOP PMI

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REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	4/28/2021	ISSUED FOR CONSTRUCTION	FAC	JL

Justin Linette, CONNECTICUT PROFESSIONAL ENGINEER
Digitally signed by Justin Peter Linette
Date: 2021.04.30 14:13:07-04'00'

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

SITE NAME:
BOGUS HILL CT
467279

29 BOGUS HILL ROAD
NEW FAIRFIELD, CT 06812
FAIRFIELD COUNTY

MT. LAUREL OFFICE

SHEET TITLE: BILL OF MATERIALS

SHEET NUMBER: S-1

GENERAL NOTES

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

DESIGN LOADS

WIND LOADS

a. BASIC WIND SPEED (3 SECOND GUST), V = 115 MPH

b. EXPOSURE CATEGORY C

c. TOPOGRAPHIC CATEGORY 1

d. MEAN BASE ELEVATION (AMSL) = 613.54'

ICE LOADS

a. ICE WIND SPEED (3 SECOND GUST), V = 50 MPH

b. ICE THICKNESS = 1.00 IN

SEISMIC LOADS

a. SEISMIC DESIGN CATEGORY B

b. SHORT TERM MCER GROUND MOTION, S_S = .211

c. LONG TERM MCER GROUND MOTION, S_1 = .056

STRUCTURAL STEEL

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

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

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

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SCALE:	JOB NUMBER:
AS SHOWN	20777618A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	4/19/2021	ISSUED FOR CONSTRUCTION	PAC	JL

Justin Linette
CONNECTICUT LICENSED PROFESSIONAL ENGINEER
LICENSE NUMBER: 31,909
MASER CONSULTING
CT.COA.PEC.0000473

Digitally signed by Justin Peter Linette
Date: 2021.04.30 14:13:37 -04'00'

SITE NAME:

BOGUS HILL CT
467279

29 BOGUS HILL ROAD
NEW FAIRFIELD, CT 06812
FAIRFIELD COUNTY

MT. LAUREL OFFICE
2000 Hurley Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0812
Fax: 856.722.1122

SHEET TITLE:
MODIFICATION NOTES

SHEET NUMBER:
S-2

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

MODIFICATION INSPECTION NOTES

MI CHECKLIST	
CONSTRUCTION/ INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY EOR)	REPORT ITEM
	PRE-CONSTRUCTION
X	MI CHECKLIST DRAWING
X	EOR APPROVED SHOP DRAWINGS
NA	FABRICATION INSPECTION
NA	FABRICATOR CERTIFIED WELD INSPECTION
X	MATERIAL TEST REPORT (MTR)
NA	FABRICATOR NDE INSPECTION
X	PACKING SLIPS
ADDITIONAL TESTING AND INSPECTIONS:	
	CONSTRUCTION
X	CONSTRUCTION INSPECTIONS
NA	CONTRACTOR'S CERTIFIED WELD INSPECTION AND NDE REPORTS
X	ON SITE COLD GALVANIZING VERIFICATION
X	GC AS-BUILT DOCUMENTS
ADDITIONAL TESTING AND INSPECTIONS:	
	POST-CONSTRUCTION
X	MI INSPECTOR REDLINE OR RECORD DRAWING(S)
X	VZW PMI DOCUMENTS
X	PHOTOGRAPHS
ADDITIONAL TESTING AND INSPECTIONS:	

NOTE: X DENOTES A DOCUMENT REQUIRED FOR THE MI REPORT
NA DENOTES A DOCUMENT THAT IS NOT REQUIRED FOR THE MI REPORT

THE MODIFICATION INSPECTION (MI) IS A VISUAL INSPECTION OF MODIFICATIONS AND A REVIEW OF CONSTRUCTION INSPECTIONS AND OTHER REPORTS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, NAMELY THE MODIFICATION DRAWINGS, AS DESIGNED BY THE ENGINEER OF RECORD (EOR).

THE MI IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AND IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF, NOR DOES THE MI INSPECTOR TAKE OWNERSHIP OF THE MODIFICATION DESIGN. OWNERSHIP OF THE STRUCTURAL MODIFICATION DESIGN EFFECTIVENESS AND INTEGRITY RESIDES WITH THE EOR AT ALL TIMES.

TO ENSURE THAT THE REQUIREMENTS OF THE MI ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MI INSPECTOR BEGIN COMMUNICATING AND COORDINATING AS SOON AS A PURCHASE ORDER (PO) IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY.

MI INSPECTOR

THE MI INSPECTOR IS REQUIRED TO CONTACT THE GC AS SOON AS RECEIVING A PO FOR THE MI TO, AT A MINIMUM:

- REVIEW THE REQUIREMENTS OF THE MI CHECKLIST
- WORK WITH THE GC TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE INSPECTIONS

THE MI INSPECTOR IS RESPONSIBLE FOR COLLECTING ALL GC INSPECTION AND TEST REPORTS, REVIEWING THE DOCUMENTS FOR ADHERENCE TO THE CONTRACT DOCUMENTS, CONDUCTING THE IN-FIELD INSPECTIONS, AND SUBMITTING THE MI REPORT TO EOR.

GENERAL CONTRACTOR

THE GC IS REQUIRED TO CONTACT THE MI INSPECTOR AS SOON AS RECEIVING A PO FOR THE MODIFICATION INSTALLATION OR TURNKEY PROJECT TO, AT A MINIMUM:

- REVIEW THE REQUIREMENTS OF THE MI CHECKLIST
- WORK WITH THE MI INSPECTOR TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE MI INSPECTIONS, INCLUDING FOUNDATION INSPECTIONS
- BETTER UNDERSTAND ALL INSPECTION AND TESTING REQUIREMENTS

THE GC SHALL PERFORM AND RECORD THE TEST AND INSPECTION RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE MI CHECKLIST.

RECOMMENDATIONS

THE FOLLOWING RECOMMENDATIONS AND SUGGESTIONS ARE OFFERED TO ENHANCE THE EFFICIENCY AND EFFECTIVENESS OF DELIVERING AN MI REPORT:

- IT IS SUGGESTED THAT THE GC PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, PREFERABLY 10, TO THE MI INSPECTOR AS TO WHEN THE SITE WILL BE READY FOR THE MI TO BE CONDUCTED.
- THE GC AND MI INSPECTOR COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.
- WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE SIMULTANEOUSLY FOR ANY GUY WIRE TENSIONING OR RE-TENSIONING OPERATIONS.
- IT MAY BE BENEFICIAL TO INSTALL ALL MODIFICATIONS PRIOR TO CONDUCTING THE FOUNDATION INSPECTIONS TO ALLOW THE FOUNDATION AND MI INSPECTION(S) TO COMMENCE WITH ONE SITE VISIT.
- WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE DURING THE MI TO HAVE ANY DEFICIENCIES CORRECTED DURING THE INITIAL MI. THEREFORE, THE GC MAY CHOOSE TO COORDINATE THE MI CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES ARE AT THEIR DISPOSAL WHEN THE MI INSPECTOR IS ON SITE.

CORRECTION OF FAILING MI'S

IF THE MODIFICATION INSTALLATION WOULD FAIL THE MI ("FAILED MI"), THE GC SHALL WORK WITH THE OWNER TO COORDINATE A REMEDIATION PLAN:

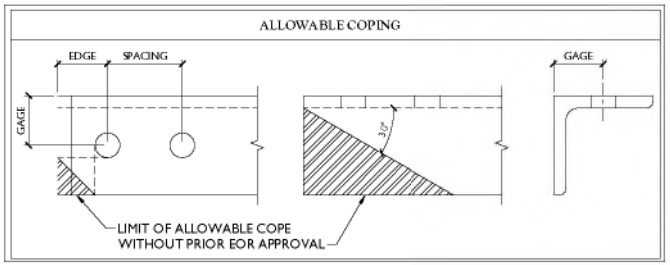
- CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A SUPPLEMENT MI.

REQUIRED PHOTOS

BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS, AT A MINIMUM, ARE TO BE TAKEN AND INCLUDED IN THE MI REPORT:

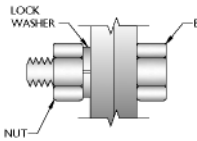
- PRE-CONSTRUCTION GENERAL SITE CONDITION
- PHOTOGRAPHS DURING THE REINFORCEMENT MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION
  - RAW MATERIALS
  - PHOTOS OF ALL CRITICAL DETAILS
  - FOUNDATION MODIFICATIONS
  - WELD PREPARATION
  - BOLT INSTALLATION
  - FINAL INSTALLED CONDITION
  - SURFACE COATING REPAIR
- POST CONSTRUCTION PHOTOGRAPHS
  - FINAL INFIELD CONDITION

PHOTOS OF ELEVATED MODIFICATIONS TAKEN ONLY FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.



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

WORKABLE GAGES (IN.)	
LEG	GAGE
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8



TYP. BOLT ASSEMBLY

NOTES:

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

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REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	4/16/2021	ISSUED FOR CONSTRUCTION	PAC	JL

Justin Linette
CONNECTICUT PROFESSIONAL ENGINEER
LICENSE NUMBER: 31059
MASER CONSULTING
CT.COM@MASERCONSULTING.COM
Digitally signed by Justin Peter Linette
Date: 2021.04.30 14:13:37-04'00'

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467279

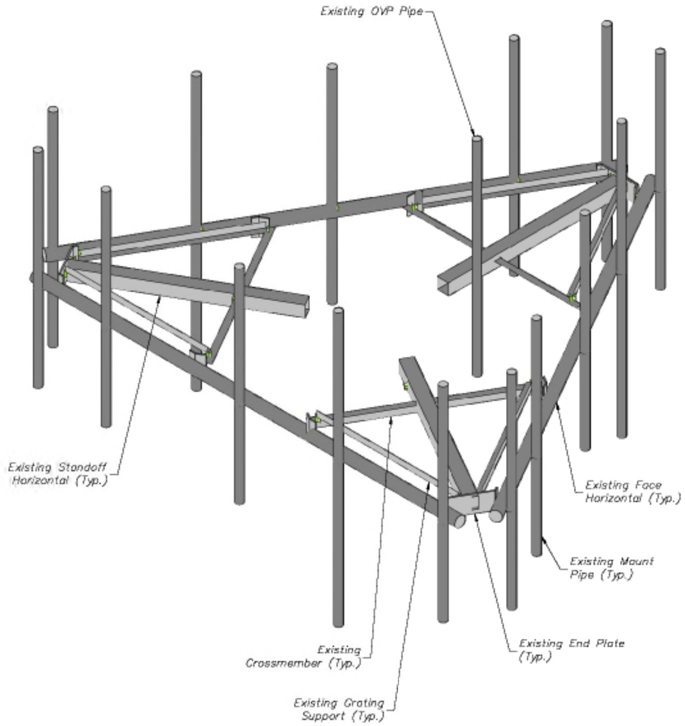
29 BOGUS HILL ROAD
NEW FAIRFIELD, CT 06812
FAIRFIELD COUNTY

MT. LAUREL OFFICE
2000 Midlantic Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0411
Fax: 856.722.1120

SHEET TITLE:
MODIFICATION NOTES

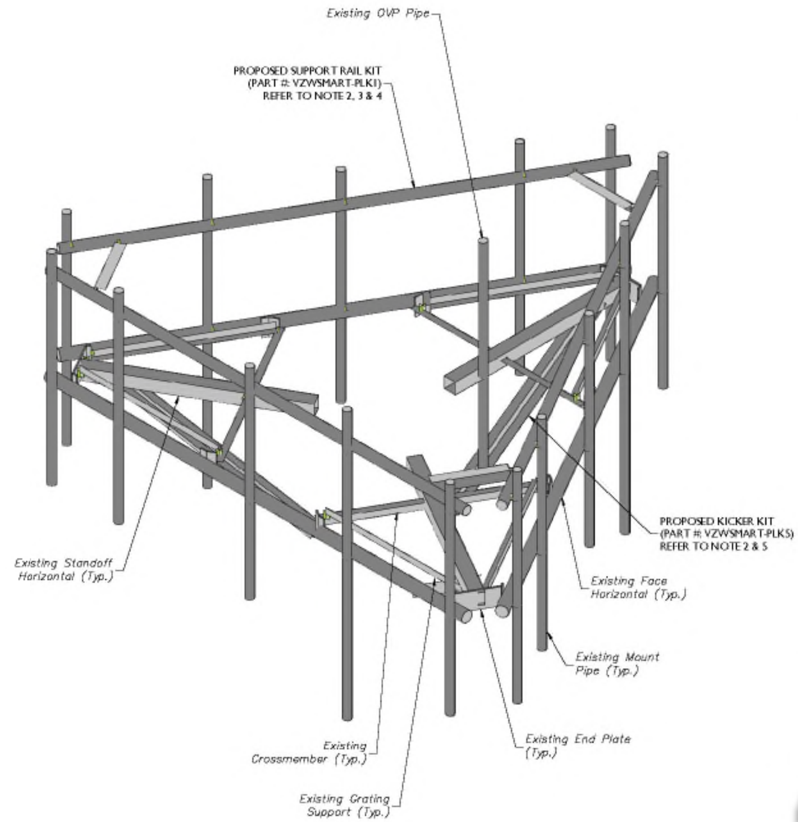
SHEET NUMBER:
S-3

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



1 EXISTING PLATFORM ISOMETRIC VIEW

SCALE : N.T.S.



2 PROPOSED PLATFORM ISOMETRIC VIEW

SCALE : N.T.S.

STRUCTURAL NOTES:

1. PER THE MOUNT MAPPING COMPLETED BY HUDSON DESIGN GROUP, LLC ON 2/12/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (119'-1") ARE IN GOOD CONDITION. MASER DOES NOT WARRANT THIS INFORMATION.
2. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

MODIFICATION NOTES:

1. MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
2. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET S-2.
3. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
4. CONNECT NEW SUPPORT RAIL TO EXISTING VERTICAL MOUNT PIPES WITH ADDITIONAL CROSSOVER PLATES (PART # VZWSMART-MSK1).
5. CONNECT OTHER END OF KICKER KIT TO MONOPOLE COLLAR MOUNT ASSEMBLY (PART #: VZWSMART-PLK7).

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Justin Linette
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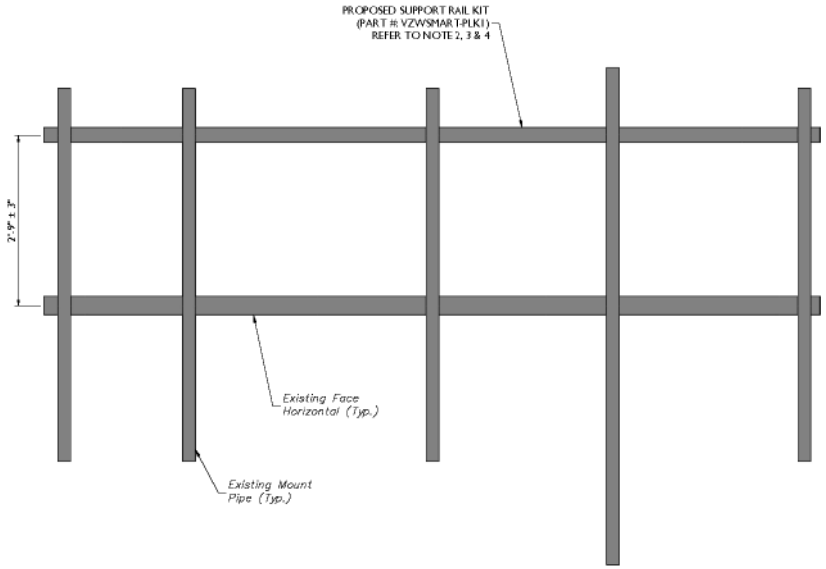
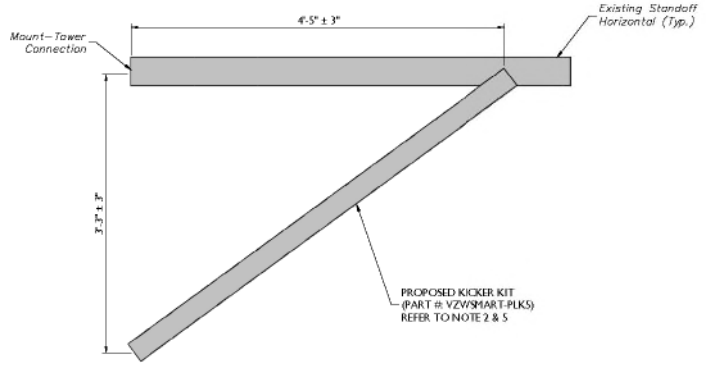
SHEET TITLE: MODIFICATION DETAILS

SHEET NUMBER: S-4



1 PROPOSED FRONT ELEVATION (TYP. ALL SECTORS)

SCALE : N.T.S.



2 PROPOSED SIDE ELEVATION (TYP. ALL SECTORS)

SCALE : N.T.S.

MODIFICATION NOTES:

1. MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
2. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET S-2.
3. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
4. CONNECT NEW SUPPORT RAIL TO EXISTING VERTICAL MOUNT PIPES WITH ADDITIONAL CROSSOVER PLATES (PART #: VZWSMART-MSK1).
5. CONNECT OTHER END OF KICKER KIT TO MONOPOLE COLLAR MOUNT ASSEMBLY (PART #: VZWSMART-PLK7).

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LICENSE NUMBER: 31,059
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CT C.O.A.#: PEC.0000713
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FAIRFIELD COUNTY

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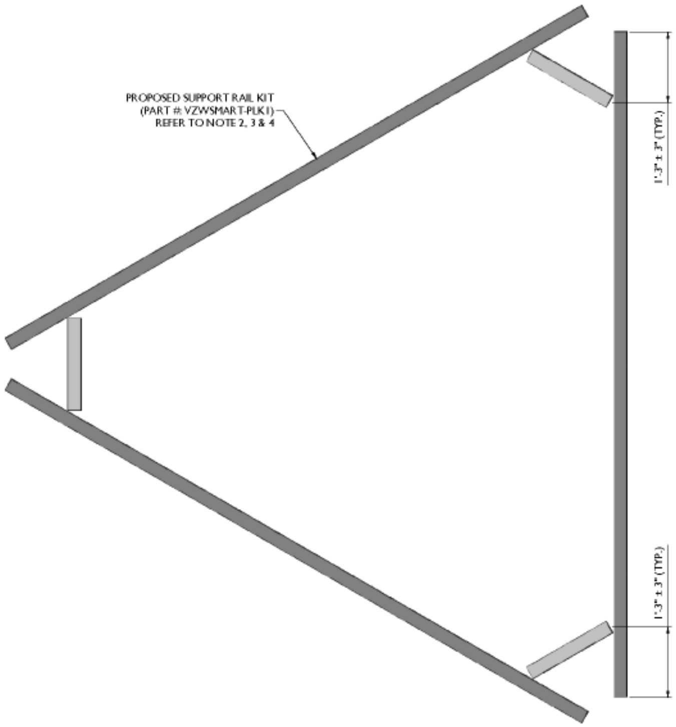
2000 Midlantic Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0411
Fax: 856.722.1122

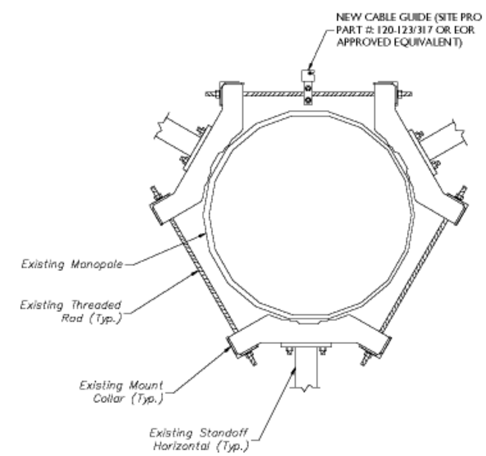
SHEET TITLE:
MODIFICATION DETAILS

SHEET NUMBER:
S-5



1 PROPOSED PLAN VIEW

SCALE : N.T.S.



2 PROPOSED CABLE GUIDE THREADED ROD ATTACHMENT - PLAN VIEW

SCALE : N.T.S.

MODIFICATION NOTES:

1. MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
2. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET S-2.
3. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
4. CONNECT NEW SUPPORT RAIL TO EXISTING VERTICAL MOUNT PIPES WITH ADDITIONAL CROSSOVER PLATES (PART #: VZWSMART-MSK1).
5. CONNECT OTHER END OF KICKER KIT TO MONOPOLE COLLAR MOUNT ASSEMBLY (PART #: VZWSMART-PLK7).

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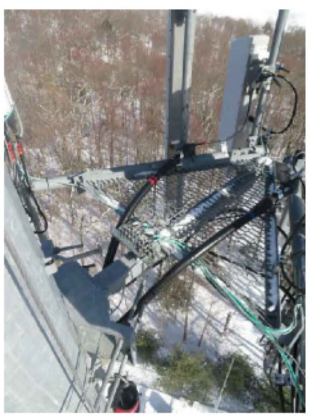
SHEET TITLE: MODIFICATION DETAILS

SHEET NUMBER: S-6

MOUNT PHOTO 1

MOUNT PHOTO 2



MOUNT PHOTO 3

MOUNT PHOTO 4

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-	-	-	-	-
-	-	-	-	-
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2000 Midlantic Drive
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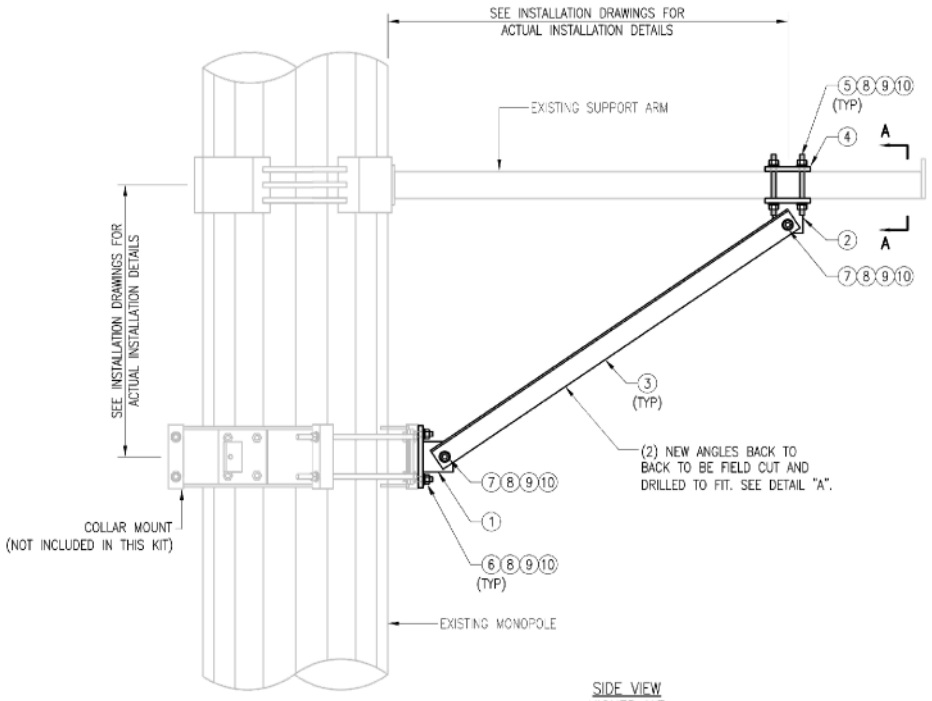
Mount Laurel, NJ 08054

Phone: 856.797.0412
Fax: 856.722.1120

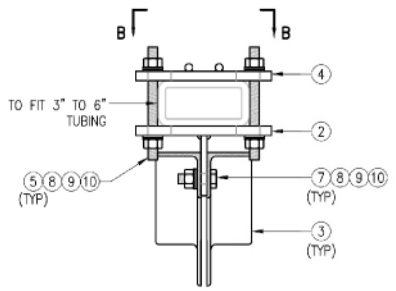
SHEET TITLE: MOUNT PHOTOS

SHEET NUMBER: S-7

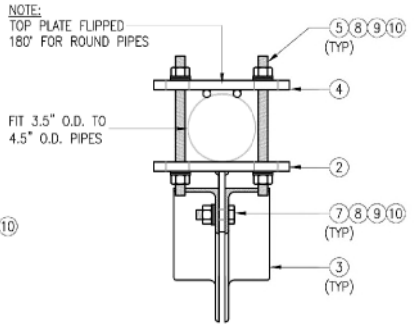
NOTE:
THE LOCATION OF KICKER AND EXISTING ANTENNA MOUNT SHOWN ON THE DRAWING IS FOR REPRESENTATION PURPOSE ONLY. SEE INSTALLATION DRAWINGS FOR ACTUAL INSTALLATION OF DETAILS.



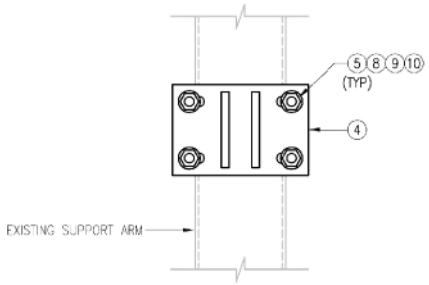
SIDE VIEW
KICKER KIT



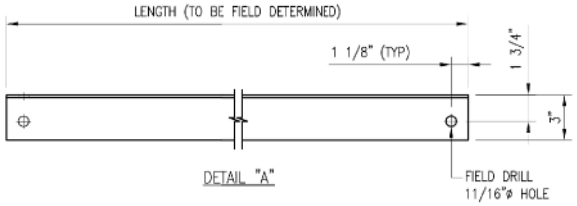
SECTION "A-A"
RECT. HSS MOUNTING



SECTION "A-A"
ROUND PIPE MOUNTING



SECTION "B-B"



DETAIL "A"

VZWSMART-PLK5 (KICKER KIT)

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

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

VzW
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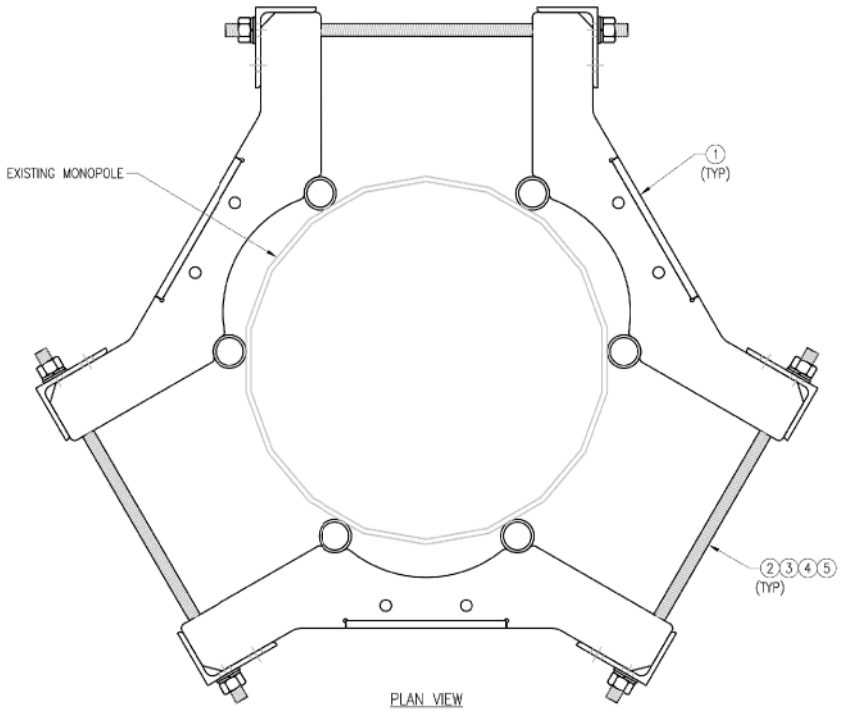
DRAWN BY: MN | CHECKED BY: HMA/KW

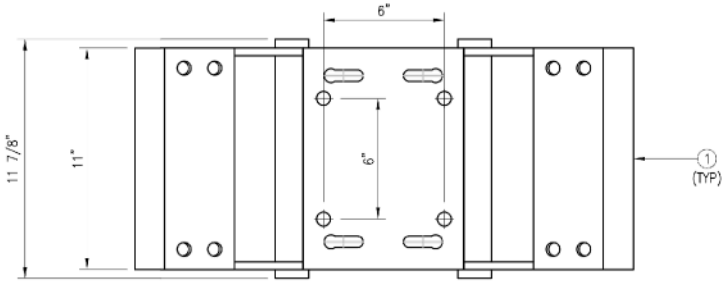
REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	MN	05/08/20

SHEET TITLE:
VZWSMART-PLK5
KICKER KIT

SHEET NUMBER: VZWSMART-PLK5
REV #: 0



PLAN VIEW
MONOPOLE COLLAR MOUNT ASSEMBLY



FRONT VIEW

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

VZWSMART-PLK7 (MONOPOLE COLLAR MOUNT ASSEMBLY)

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

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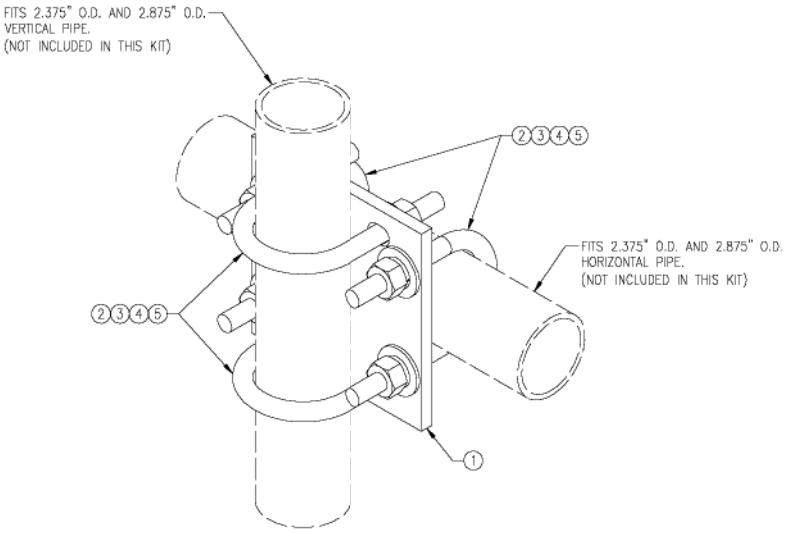
DRAWN BY: BT | CHECKED BY: HMA/KW

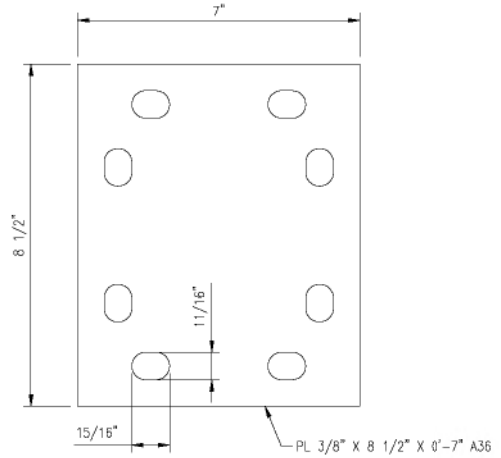
REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	BT	05/11/20

SHEET TITLE:
VZWSMART-PLK7
MONOPOLE COLLAR
MOUNT ASSEMBLY

SHEET NUMBER: VZWSMART-PLK7

REV #: 0





PL375-857

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

VZWSMART-MSK1 (CROSSOVER PLATE)

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

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DRAWN BY: H.R | CHECKED BY: HMA

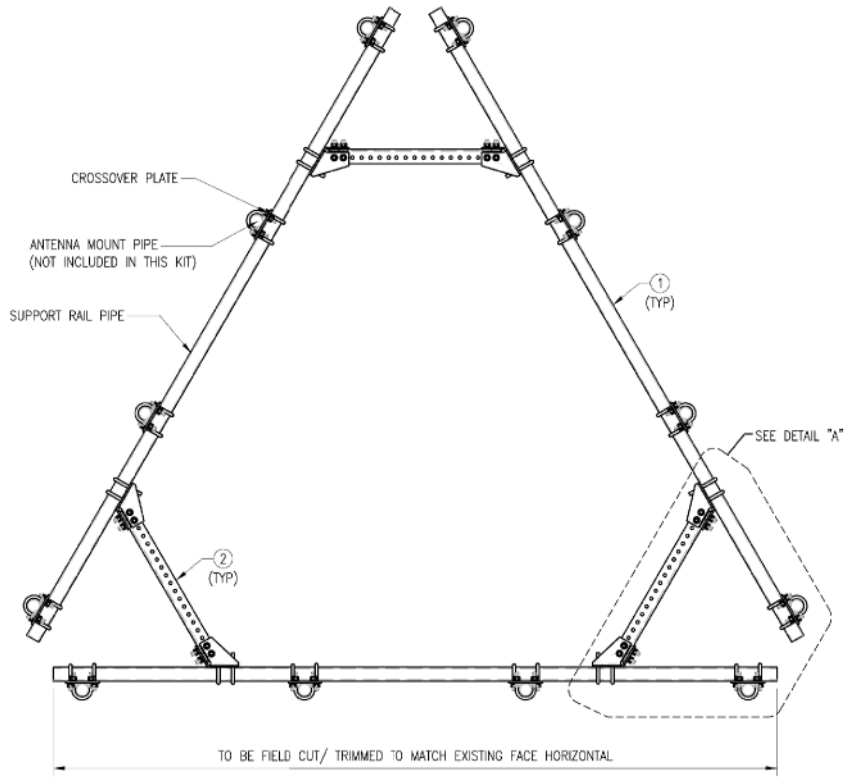
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

SHEET TITLE:

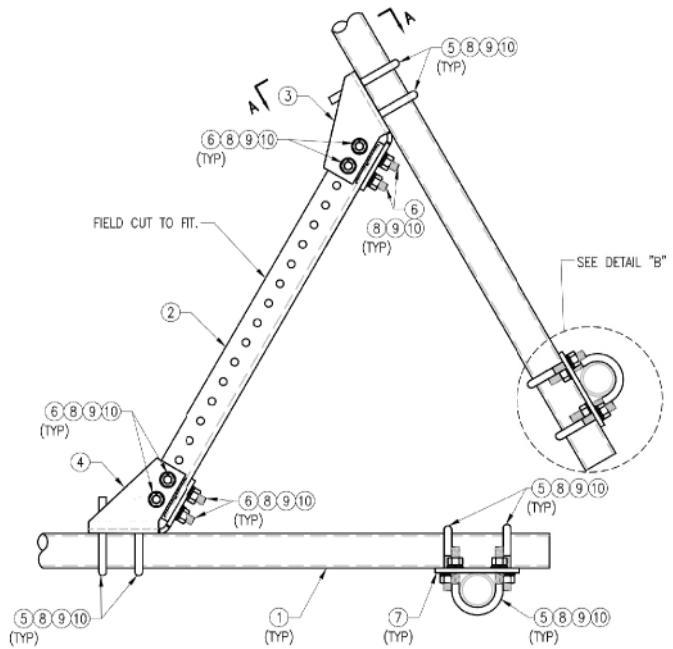
VZWSMART-MSK1
CROSSOVER PLATE

SHEET NUMBER: VZWSMART-MSK1

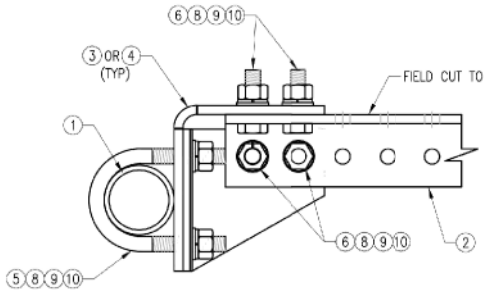
REV #: 0



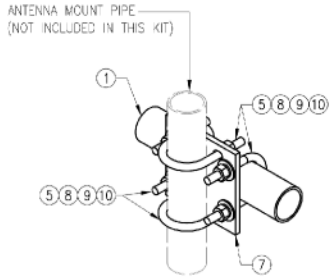
PLAN VIEW



DETAIL "A"



SECTION "A-A"



DETAIL "B"

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

VZW SMART-PLK1 (SUPPORT RAIL KIT)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	3	PST2875-12.5	2.5" PST (2.875" O.D. X 0.203" THK.) X 12'-6" A53 GR-B	PLK1-F1	292
2	3	L33375-3	L 3" X 3" X 3/8" X 3'-0" A36	PLK1-F1	66
3	3	CBP-L	CORNER BENT PLATE BRACKET	PLK1-F2	28
4	3	CBP-R	CORNER BENT PLATE BRACKET	PLK1-F2	28
5	60	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	82
6	24	---	BOLT 5/8" X 2" A325	---	9
7	12	PL375-857	PL 3/8" X 8 1/2" X 7'-0" A36	PLK1-F3	77
8	144	FW-625	5/8" HDG USS FLAT WASHER	---	12
9	144	LW-625	5/8" HDG LOCK WASHER	---	3
10	144	NUT-625	5/8" HDG HEX NUT	---	17
			GALVANIZED WT		504

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DRAWN BY: HJR | CHECKED BY: HMA

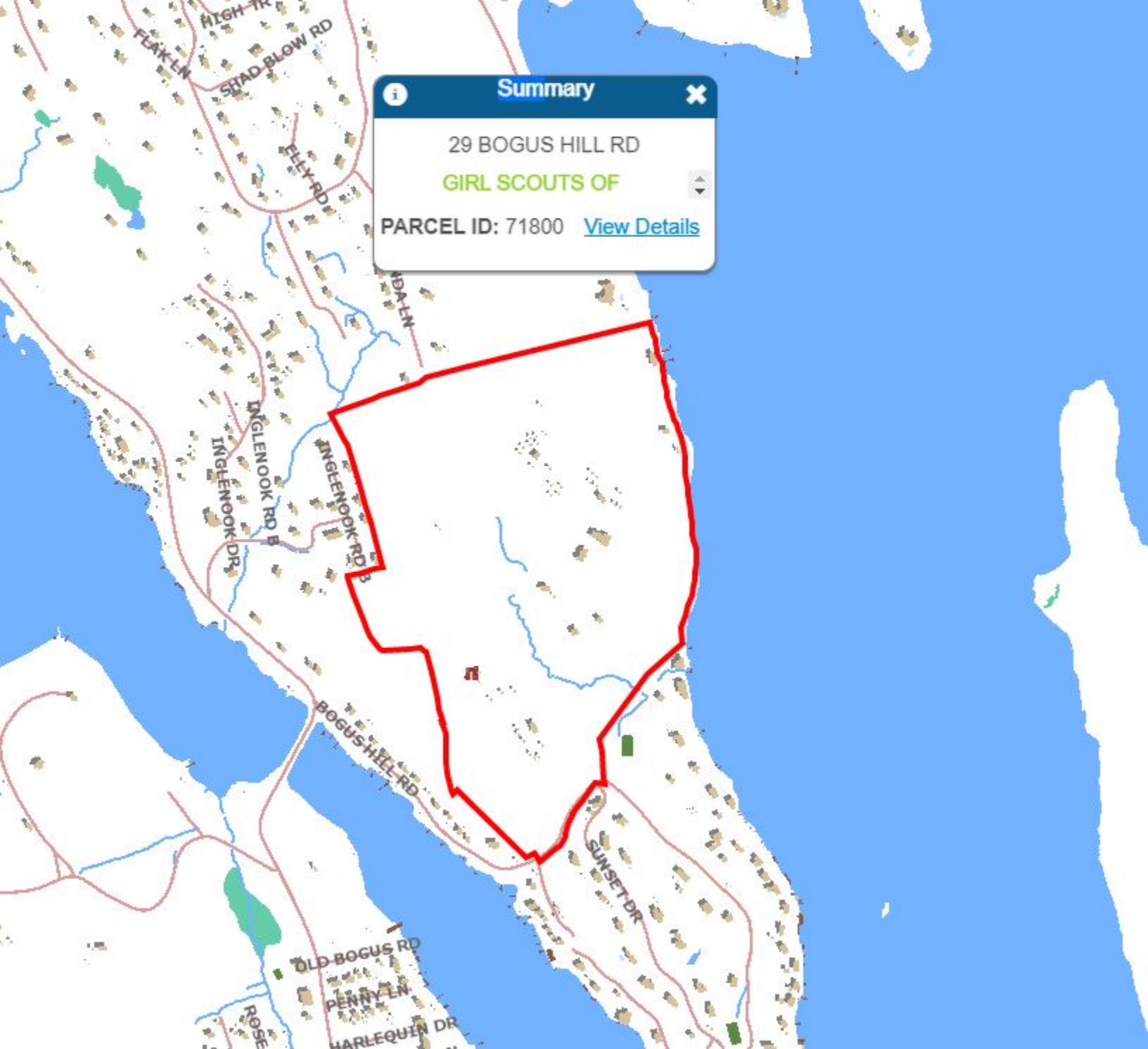
REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	HJR	05/08/20

SHEET TITLE:
VZWSMART-PLK1
SUPPORT RAIL KIT

SHEET NUMBER: VZWSMART-PLK1

REV #: 0

ATTACHMENT 5


Summary
29 BOGUS HILL RD
GIRL SCOUTS OF
PARCEL ID: 71800
View Details
FLAX LN
HIGH TR
SHAD BLOW RD
ELEY RD
INGLENOOK RD B
INGLENOOK DR
BOGUS HILL RD
SUNSET DR
OLD BOGUS RD
PENNY LN
HARLEQUIN DR

NEW FAIRFIELD,CT

29 BOGUS HILL RD

Location
29 BOGUS HILL RD
Mblu
6/ 4/ 84/ /
Acct#
00071800
Owner
GIRL SCOUTS OF CONNECTICUT INC
Assessment
$1,772,500
Appraisal
$2,531,900
PID
722
Building Count
5

Current Value

Appraisal

Valuation Year	Improvements	Land	Total

2019	$775,000	$1,756,900	$2,531,900

Assessment

Valuation Year	Improvements	Land	Total
2019	$542,700	$1,229,800	$1,772,500

Owner of Record

Owner GIRL SCOUTS OF CONNECTICUT INC
Co-Owner
Address 340 WASHINGTON ST
HARTFORD, CT 06106
Sale Price $0
Certificate
Book & Page 0444/0653
Sale Date 04/11/2008
Instrument 06

Ownership History

Ownership History

Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
GIRL SCOUTS OF CONNECTICUT INC	$0		0444/0653	06	04/11/2008
SOUTHWESTERN CONN GIRL SCOUT COUNCIL	$0		0053/0587		01/01/1900

Building Information
Building 1 : Section 1

Year Built: 1988
Living Area: 1,388
Replacement Cost: $169,483
Building Percent Good: 72
Replacement Cost Less Depreciation: $122,000

Building Attributes

ATTACHMENT 6

29 Bogus Hill Rd. New Fairfield, CT

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 09/16/2021 US POSTAGE $002.99⁰ ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)* V.P		

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Patricia Del Monaco, First Selectman Town of New Fairfield 4 Brush Hill Road New Fairfield, CT 06812				
2.	Evan White, Zoning Enforcement Officer Town of New Fairfield 4 Brush Hill Road New Fairfield, CT 06812				
3.	Girl Scouts of Connecticut Inc. 340 Washington Street Hartford, CT 06106				
4.					
5.					
6.					

OLD STATE HOUSE STATION 06106 USPS SEP 10 2021

PS Form **3665**, January 2017 (Page 1 of 1) PSN 7530-17-000-5549

See Reverse for Instructions