Robinson+Cole

KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

Also admitted in Massachusetts
and New York

October 4, 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**
113 Brush Hill Road, Goshen, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") 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 November of 2003 (Docket No. 260). Cellco's use of the tower was approved by the Council in February of 2005 (EM-VER-055-050110). A copy of the Council's Docket No. 260 Decision and Order and EM-VER-055-050110 approval are included in Attachment 1.

Cellco now intends to modify its facility by replacing its twelve (12) existing antennas with three (3) Samsung MT6407-77A antennas and six (6) NHH-65C-R2B antennas on its existing antenna mounting platform. Cellco also intends to remove three (3) existing remote radio heads ("RRHs") and install six (6) new RRHs behind its antennas. A set of project plans showing Cellco's proposed facility modifications and new antennas and RRH specifications are included in Attachment 2.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Goshen'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:

Robert Valentine, First Selectman for the Town of Goshen
Martin Connor, Goshen Land Use Official
Woodbridge Sewer District, Property Owner
Karla Hanna

ATTACHMENT 1

DOCKET NO. 260 – Bay Communications Inc. application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility in Goshen, Connecticut.	}	Connecticut
	}	Siting
	}	Council
		November 20, 2003

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes **§** 16-50k, be issued to Sprint Spectrum, L.P. (Sprint) for the construction, maintenance and operation of a wireless telecommunications facility at a site located at 113 Brush Hill Road, Goshen, Connecticut. The Council denies certification of the site located at 416 Old Middle Street, Goshen, Connecticut.

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

1. The tower shall be constructed as a monopole not to exceed a height of 195 feet above ground level.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be submitted to and approved by the Council prior to the commencement of facility construction and shall include:

a) a detailed site development plan that depicts the location of the access road, compound, tower, and utility line;

b) specifications for the tower, tower foundation, antennas, equipment building, and security fence;

c) 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.

3. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of electromagnetic radio frequency power densities 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 provide a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

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

5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing. Upon request, the Certificate Holder shall provide space on its tower for Town of Goshen antennas at no cost to the Town.

6. If the facility does not initially provide wireless services within one year of completion of construction or 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.

7. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and cease to function.

8. Unless otherwise approved by the Council, this Decision and Order shall be void if the facility authorized herein is not operational within one year of the effective date of this Decision and Order or within one year after all appeals to this Decision and Order have been resolved.

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 Waterbury Republican and in the Torrington Register Citizen.

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

The parties and intervenors to this proceeding are:

Applicant	**Its Representative**
Sprint Spectrum, L.P.	Thomas J. Regan, Esquire
d/b/a Sprint PCS	Brown Rudnick Berlack Israels LLP
	CityPlace I, 38th Floor
	185 Asylum Street
	Hartford, CT 06103-3402

February 3, 2005

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

RE: **EM-VER-055-050110** - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 113 Brush Hill Road, Goshen, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on February 2, 2005, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated January 10, 2005, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

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

Thank you for your attention and cooperation.

Very truly yours,

Pamela B. Katz, P.E.
Chairman

PBK/laf

c: The Honorable Robert P. Valentine, First Selectman, Town of Goshen
Martin Connor, Zoning Enforcement Officer, Town of Goshen
James R. Riley, Chief Executive Officer, Bay Communications
Thomas J. Regan, Esq., Brown Rudnick Berlack Israels LLP

ATTACHMENT 2

DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE PROJECT OWNERS REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

SHEET INDEX

SHEET NUMBER	SHEET DESCRIPTION
T-1	TITLE SHEET
A-1	COMPOUND PLAN & STRUCTURE ELEVATION
A-2	ANTENNA PLAN, DETAILS & NOTES
A-3	ANTENNA SECTOR CONFIGURATIONS, DETAILS & NOTES
A-4	RET SYSTEM WIRING SCHEMATIC

VICINITY MAP

APPLICANT:
CELLCO PARTNERSHIP d/b/a
VERIZON WIRELESS

SCOPE OF WORK:
PROPOSED EQUIPMENT & ANTENNA MODIFICATIONS TO AN EXISTING VERIZON WIRELESS INSTALLATION AT A 195'-0"± MONOPOLE

Digitally signed by Jiazhu Hu, Ph.D., P.E.
DN: cn=Jiazhu Hu, Ph.D., P.E., o=Nexius, ou=Engineering, email=Jiazhu.Hu@Nexius.com, c=US
Date: 2021.08.27 09:28:30 -04'00'

SITE NAME
GOSHEN S CT

LOCATION CODE
468131

SITE OWNER
SBA

SITE NUMBER
CT12210-A

ADDRESS
113 BRUSH HILL ROAD
GOSHEN, CT 06756

COORDINATES
41° 47' 49.80" N
73° 13' 18.03" W

NOTES

GENERAL NOTES:

1. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CONTRACTOR.
2. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
3. DRAWINGS PROVIDED HERE ARE NOT TO BE SCALED AND ARE INTENDED TO SHOW OUTLINE ONLY.
4. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
5. "KITTING LIST" SUPPLIED WITH THE BID PACKAGE IDENTIFIES ITEMS THAT WILL BE SUPPLIED BY CONTRACTOR. ITEMS NOT INCLUDED IN THE BILL OF MATERIALS AND KITTING LIST SHALL BE SUPPLIED BY THE SUBCONTRACTOR.
6. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
7. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE CONTRACTOR.
8. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
9. SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
10. SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
11. ALL CONCRETE REPAIR WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301.
12. ANY NEW CONCRETE NEEDED FOR THE CONSTRUCTION SHALL BE AIR-ENTRAINED AND SHALL HAVE 4000 PSI STRENGTH AT 28 DAYS. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH ACI 318 CODE REQUIREMENTS.
13. ALL STRUCTURAL STEEL WORK SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS. ALL STRUCTURAL STEEL SHALL BE ASTM A36 (F_y = 36 ksi) UNLESS OTHERWISE NOTED. PIPES SHALL BE ASTM A53 GRADE B (F_y = 35 ksi). ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED. TOUCHUP ALL SCRATCHES AND OTHER MARKS IN THE FIELD AFTER STEEL IS ERECTED USING A COMPATIBLE ZINC RICH PAINT.
14. SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
15. THE EXISTING CELL SITE IS IN FULL COMMERCIAL OPERATION. ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH CONTRACTOR. ALSO, WORK SHOULD BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS AFTER MIDNIGHT.
16. SINCE THE CELL SITE IS 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 ADVISED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.
17. APPLICABLE BUILDING CODES:
    SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.
    BUILDING CODE: 2018 CONNECTICUT STATE BUILDING CODE (IBC 2015)
    ELECTRICAL CODE: REFER TO ELECTRICAL DRAWINGS
    LIGHTENING CODE: REFER TO ELECTRICAL DRAWINGS

    SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

    ACI 318-14: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.

    AISC 360-10: SPECIFICATIONS STEEL FOR STRUCTURAL STEEL BUILDINGS.

    ANSI/TIA-222-G WITH ADDENDUMS, STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS.

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

ELECTRICAL & GROUNDING NOTES

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AS WELL AS APPLICABLE STATE AND LOCAL CODES.
2. ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PROCURED PER SPECIFICATION REQUIREMENTS.
3. THE ELECTRICAL WORK INCLUDES ALL LABOR AND MATERIAL DESCRIBED BY DRAWINGS AND SPECIFICATION INCLUDING INCIDENTAL WORK TO PROVIDE COMPLETE OPERATING AND APPROVED ELECTRICAL SYSTEM.
4. GENERAL CONTRACTOR SHALL PAY FEES FOR PERMITS, AND IS RESPONSIBLE FOR OBTAINING SAID PERMITS AND COORDINATION OF INSPECTIONS.
5. ALL EQUIPMENT LOCATED OUTSIDE SHALL HAVE NEMA 3R ENCLOSURE.
6. GROUNDING SHALL COMPLY WITH NEC ART. 250.
7. GROUND COAXIAL CABLE SHIELDS MINIMUM AT BOTH ENDS USING MANUFACTURERS COAX CABLE GROUNDING KITS SUPPLIED BY PROJECT OWNER.
8. USE #6 COPPER STRANDED WIRE WITH GREEN COLOR INSULATION FOR ABOVE GRADE GROUNDING (UNLESS OTHERWISE SPECIFIED) AND #2 SOLID TINNED BARE COPPER WIRE FOR BELOW GRADE GROUNDING AS INDICATED ON THE DRAWING.
9. ALL GROUND CONNECTIONS TO BE BURNDY HYGROUND COMPRESSION TYPE CONNECTORS OR CADWELD EXOTHERMIC WELD. DO NOT ALLOW BARE COPPER WIRE TO BE IN CONTACT WITH GALVANIZED STEEL.
10. ROUTE GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE. GROUNDING LEADS SHOULD NEVER BE BENT AT RIGHT ANGLE. ALWAYS MAKE AT LEAST 12" RADIUS BENDS. #6 WIRE CAN BE BENT AT 6" RADIUS WHEN NECESSARY. BOND ANY METAL OBJECTS WITHIN 7 FEET OF PROPOSED EQUIPMENT OR CABINET TO MASTER GROUND BAR.
11. CONNECTIONS TO MGB SHALL BE ARRANGED IN THREE MAIN GROUPS: SURGE PRODUCERS (COAXIAL CABLE GROUND KITS, TELCO AND POWER PANEL GROUND); (GROUNDING ELECTRODE RING OR BUILDING STEEL); NON-SURGING OBJECTS (EGB GROUND IN BTS UNIT).
12. CONNECTIONS TO GROUND BARS SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS. APPLY OXIDE INHIBITING COMPOUND TO ALL LOCATIONS
13. APPLY OXIDE INHIBITING COMPOUND TO ALL COMPRESSION TYPE GROUND CONNECTIONS.
14. BOND ANTENNA MOUNTING BRACKETS, COAXIAL CABLE GROUND KITS, AND ALNA TO EGB PLACED NEAR THE ANTENNA LOCATION.
15. BOND ANTENNA EGB'S AND MGB TO WATER MAIN.
16. TEST COMPLETED GROUND SYSTEM AND RECORD RESULTS FOR PROJECT CLOSE-OUT DOCUMENTATION.
17. BOND ANY METAL OBJECTS WITHIN 7 FEET OF PROPOSED EQUIPMENT OR CABINET TO MASTER GROUND BAR.

PREPARED BY:
nexius
TRANFORM YOUR BUSINESS...THROUGH WIRELESS
A&E OFFICE:
300 APOLLO DRIVE, SUITE 7
CHELMSFORD, MA 01824
1 (978) 923-7965

APPLICANT:
CELLCO PARTNERSHIP d/b/a
verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

PROFESSIONAL STAMP:

SUBMITTALS

REV	DATE	DESCRIPTION	BY
0	01/27/21	PER CONSTRUCTION	MLB
1	08/27/21	PER SA, MOD & MA	MLB

SITE INFORMATION:
SITE NAME:
GOSHEN S CT
LOCATION CODE:
468131
SITE ADDRESS:
113 BRUSH HILL ROAD
GOSHEN, CT 06756

DRAWN BY: MLB	DATE: 08/27/21
CHECKED BY: KB	DATE: 08/27/21

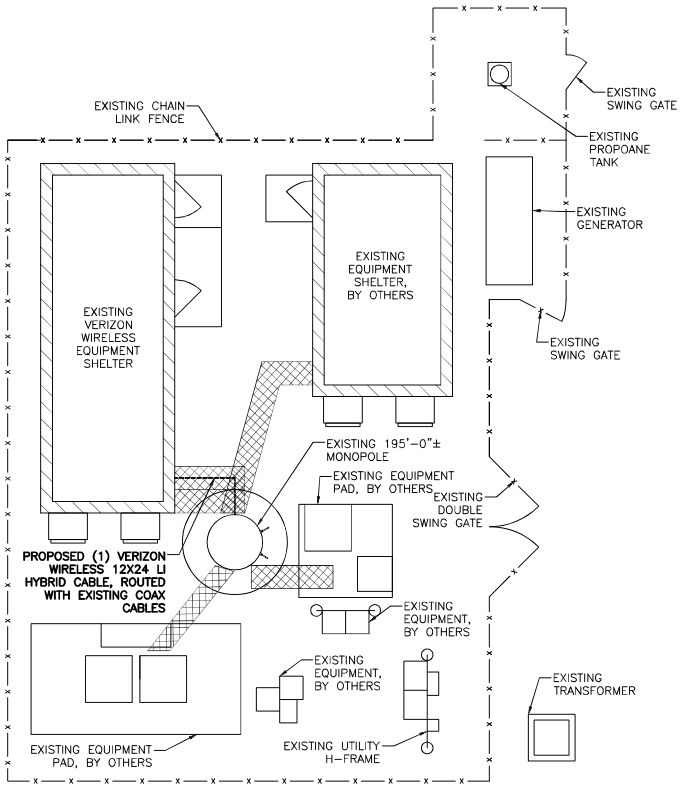
NEXIUS PROJECT NO.: VZ11509

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

TOWER STRUCTURAL ANALYSIS REPORT PREPARED BY TOWER ENGINEERING SOLUTIONS
TOWER STRUCTURAL ANALYSIS REPORT, PREPARED BY TOWER ENGINEERING SOLUTIONS, ENTITLED STRUCTURAL ANALYSIS REPORT, DATED AUGUST 9, 2021, STATES THAT THE EXISTING TOWER IS ADEQUATE FOR THE EXISTING AND PROPOSED LOADING

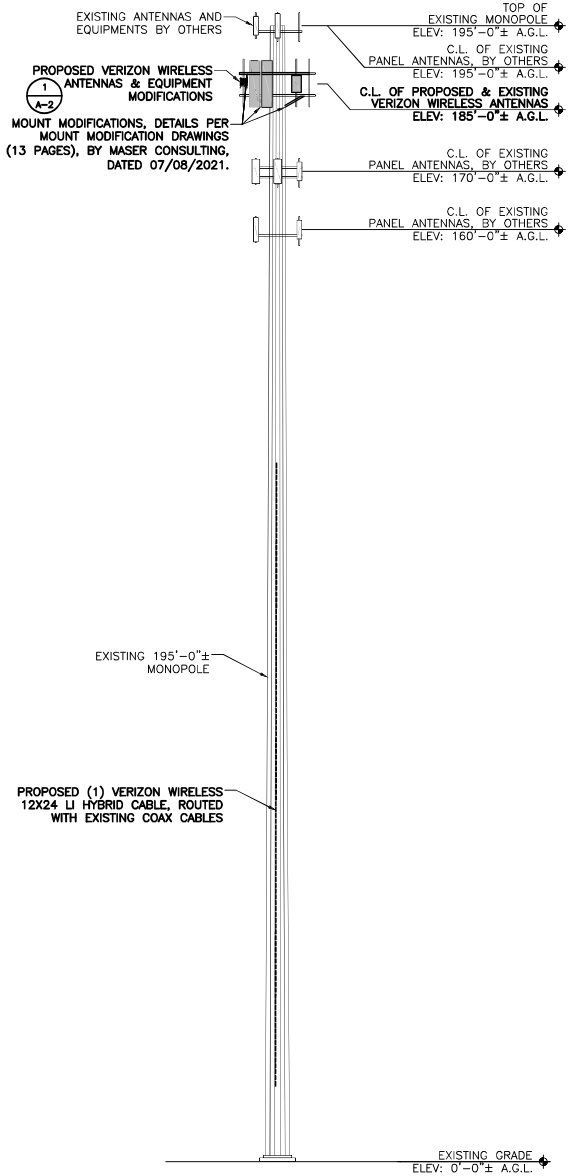
MOUNT STRUCTURAL ANALYSIS PREPARED BY MASER CONSULTING
STRUCTURAL ANALYSIS PREPARED BY MASER CONSULTING, ENTITLED POST-MOD ANTENNA MOUNT ANALYSIS REPORT AND PMI REQUIREMENTS, DATED JULY 8, 2021, STATES THAT THE EXISTING MOUNTS ARE ADEQUATE FOR THE EXISTING AND PROPOSED LOADING PROVIDED THAT THE MOUNT MODIFICATIONS ARE INSTALLED.



APPROX. NORTH

1 COMPOUND PLAN
SCALE: 3/16" = 1'-0"

GRAPHIC SCALE: 3/16"=1'-0"



2 STRUCTURE ELEVATION
SCALE: 3/32" = 1'-0"

GRAPHIC SCALE: 3/32"=1'-0"

PREPARED BY:
nexius
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A&E OFFICE:
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1 (978) 923-7965

APPLICANT:
CELLCO PARTNERSHIP d/b/a
verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

PROFESSIONAL STAMP:

SUBMITTALS

REV	DATE	DESCRIPTION	BY
0	01/27/21	PER CONSTRUCTION	MLB
1	08/27/21	PER SA, MOD & MA	MLB

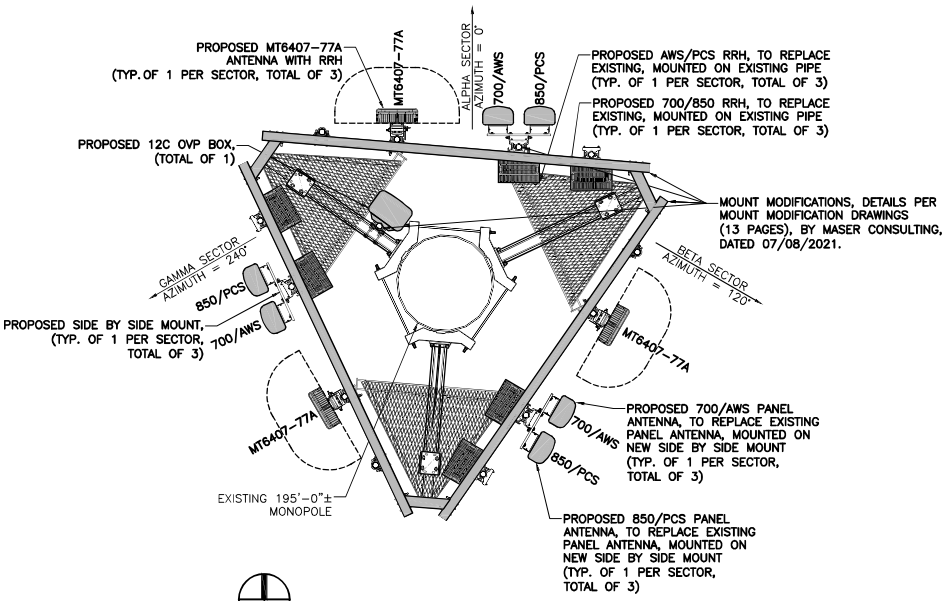
SITE INFORMATION:
SITE NAME:
GOSHEN S CT
LOCATION CODE:
468131
SITE ADDRESS:
113 BRUSH HILL ROAD
GOSHEN, CT 06756

DRAWN BY:	DATE:
MLB	08/27/21
CHECKED BY:	DATE:
KB	08/27/21

NEXIUS PROJECT NO.:
VZ11509

SHEET TITLE:
COMPOUND PLAN & STRUCTURE ELEVATION

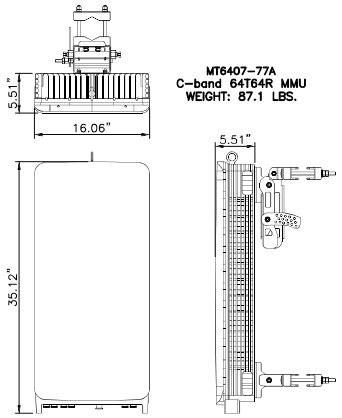
SHEET NUMBER:
A-1



APPROX. NORTH

1 ANTENNA PLAN
SCALE: 1/2" = 1'-0"

GRAPHIC SCALE: 1/2"=1'-0"



2 ANTENNA SPEC. (NOT TO EXCEED)
SCALE: N.T.S.

SCOPE OF WORK:

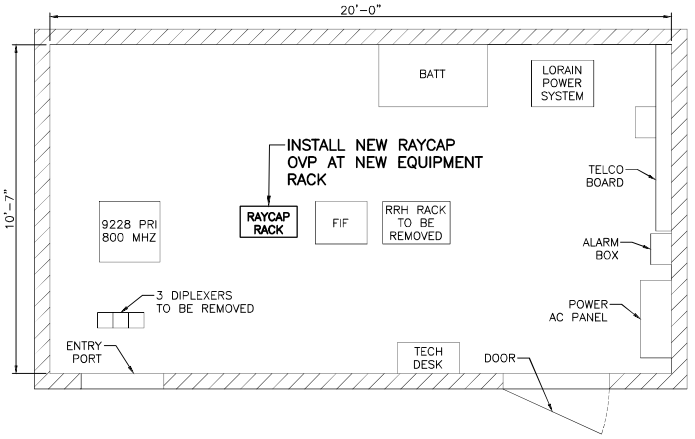
ALPHA SECTOR:
- REMOVE (4) EXISTING PANEL ANTENNAS.
- INSTALL (1) NEW COMMSCOPE SIDE-BY-SIDE MOUNT.
- INSTALL (2) NEW COMMSCOPE NHH-65C-R2B ON NEW SIDE-BY-SIDE MOUNT.
- INSTALL (1) NEW MT6407-77A ANTENNA W/ RRH AS SHOWN ON PLANS.
- INSTALL (1) NEW 700/850 COMMSCOPE TD-850B-LTE78-43 DIPLEXER
- INSTALL (1) NEW BRO4C B5/B13 700/850 RRH AT ANTENNAS, AS SHOWN ON PLANS.
- INSTALL (1) NEW BRO49 B2/B66A AWS/PCS RRH AT ANTENNAS, AS SHOWN ON PLANS.
- INSTALL (1) NEW SAMSUNG JUMPER FROM OVP BOX TO 700/850 RRH.
- INSTALL (1) NEW POWER CABLE FROM OVP BOX TO 700/850 RRH.
- INSTALL (1) NEW SAMSUNG JUMPER FROM OVP BOX TO AWS/PCS RRH.
- INSTALL (1) NEW POWER CABLE FROM OVP BOX TO AWS/PCS RRH.
- INSTALL (1) NEW 1x2 HYBRID CABLE FROM OVP BOX TO MT6407-77A ANTENNA W/ RRH.
- INSTALL 1/2" ANTENNA JUMPERS, AS REQUIRED.

BETA SECTOR:
- REMOVE (4) EXISTING PANEL ANTENNAS.
- INSTALL (1) NEW COMMSCOPE SIDE-BY-SIDE MOUNT.
- INSTALL (2) NEW COMMSCOPE NHH-65C-R2B ON NEW SIDE-BY-SIDE MOUNT.
- INSTALL (1) NEW MT6407-77A ANTENNA W/ RRH AS SHOWN ON PLANS.
- INSTALL (1) NEW 700/850 COMMSCOPE TD-850B-LTE78-43 DIPLEXER
- INSTALL (1) NEW BRO4C B5/B13 700/850 RRH AT ANTENNAS, AS SHOWN ON PLANS.
- INSTALL (1) NEW BRO49 B2/B66A AWS/PCS RRH AT ANTENNAS, AS SHOWN ON PLANS.
- INSTALL (1) NEW SAMSUNG JUMPER FROM OVP BOX TO 700/850 RRH.
- INSTALL (1) NEW POWER CABLE FROM OVP BOX TO 700/850 RRH.
- INSTALL (1) NEW SAMSUNG JUMPER FROM OVP BOX TO AWS/PCS RRH.
- INSTALL (1) NEW POWER CABLE FROM OVP BOX TO AWS/PCS RRH.
- INSTALL (1) NEW 1x2 HYBRID CABLE FROM OVP BOX TO MT6407-77A ANTENNA W/ RRH.
- INSTALL 1/2" ANTENNA JUMPERS, AS REQUIRED.

GAMMA SECTOR:
- REMOVE (4) EXISTING PANEL ANTENNAS.
- INSTALL (1) NEW COMMSCOPE SIDE-BY-SIDE MOUNT.
- INSTALL (2) NEW COMMSCOPE NHH-65C-R2B ON NEW SIDE-BY-SIDE MOUNT.
- INSTALL (1) NEW MT6407-77A ANTENNA W/ RRH AS SHOWN ON PLANS.
- INSTALL (1) NEW 700/850 COMMSCOPE TD-850B-LTE78-43 DIPLEXER
- INSTALL (1) NEW BRO4C B5/B13 700/850 RRH AT ANTENNAS, AS SHOWN ON PLANS.
- INSTALL (1) NEW BRO49 B2/B66A AWS/PCS RRH AT ANTENNAS, AS SHOWN ON PLANS.
- INSTALL (1) NEW SAMSUNG JUMPER FROM OVP BOX TO 700/850 RRH.
- INSTALL (1) NEW POWER CABLE FROM OVP BOX TO 700/850 RRH.
- INSTALL (1) NEW SAMSUNG JUMPER FROM OVP BOX TO AWS/PCS RRH.
- INSTALL (1) NEW POWER CABLE FROM OVP BOX TO AWS/PCS RRH.
- INSTALL (1) NEW 1x2 HYBRID CABLE FROM OVP BOX TO MT6407-77A ANTENNA W/ RRH.
- INSTALL 1/2" ANTENNA JUMPERS, AS REQUIRED.

TOWER:
- INSTALL (1) NEW 12C OVP.
- INSTALL (1) NEW LI 12X24 HYBRID CABLE.

DESIGN SHOWN HEREIN IS BASED OFF A RFDS PROVIDED BY VERIZON WIRELESS DATED 05/10/21.



3 SHELTER PLAN
SCALE: 1/2" = 1'-0"

GRAPHIC SCALE: 1/2"=1'-0"

PREPARED BY:

nexius
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A&E OFFICE:
300 APOLLO DRIVE, SUITE 7
CHELMSFORD, MA 01824
1 (978) 923-7965

APPLICANT:

CELLCO PARTNERSHIP d/b/a

verizon

20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

PROFESSIONAL STAMP:

SUBMITTALS

REV	DATE	DESCRIPTION	BY
0	01/27/21	PER CONSTRUCTION	MLB
1	08/27/21	PER SA, MOD & MA	MLB

SITE INFORMATION:

SITE NAME:
GOSHEN S CT

LOCATION CODE:
468131

SITE ADDRESS:
113 BRUSH HILL ROAD
GOSHEN, CT 06756

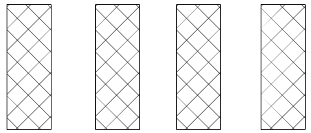
DRAWN BY:	DATE:
MLB	08/27/21
CHECKED BY:	DATE:
KB	08/27/21

NEXIUS PROJECT NO.:
VZ11509

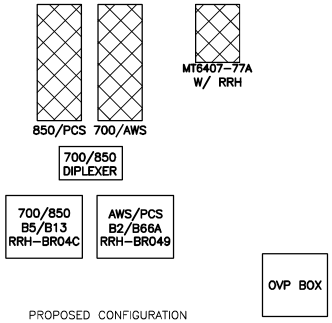
SHEET TITLE:
ANTENNA PLAN, DETAILS & NOTES

SHEET NUMBER:
A-2

NOTE: ALL ANTENNAS ARE VIEWED FROM IN FRONT

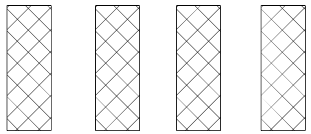


EXISTING CONFIGURATION

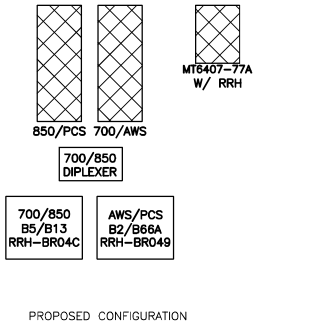


PROPOSED CONFIGURATION

ALPHA SECTOR ANTENNA CONFIGURATION

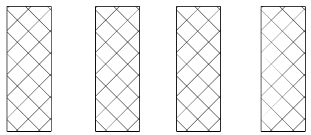


EXISTING CONFIGURATION

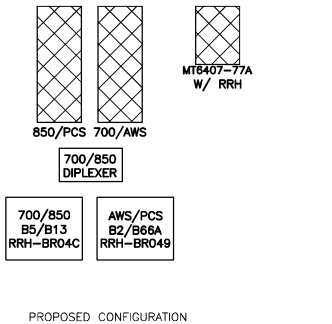


PROPOSED CONFIGURATION

BETA SECTOR ANTENNA CONFIGURATION



EXISTING CONFIGURATION



PROPOSED CONFIGURATION

GAMMA SECTOR ANTENNA CONFIGURATION

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT, MOUNTING BRACKETS, AND HARDWARE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. GROUND DISTRIBUTION BOXES, MOUNTING PIPES, AND RRH'S IN ACCORDANCE WITH THE NEC ARTICLE 250 & THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
3. INSTALLED EQUIPMENT AND MOUNTING BRACKETS SHALL NOT INTERFERE WITH CLIMBING ACCESS NOR ANY INSTALLED SAFETY DEVICES.

PREPARED BY:

nexius

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300 APOLLO DRIVE, SUITE 7
CHELMSFORD, MA 01824
1 (978) 923-7965

APPLICANT:

CELLCO PARTNERSHIP d/b/a

verizon

20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

PROFESSIONAL STAMP:

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SITE INFORMATION:

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LOCATION CODE:
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GOSHEN, CT 06756

DRAWN BY:	DATE:
MLB	08/27/21
CHECKED BY:	DATE:
KB	08/27/21

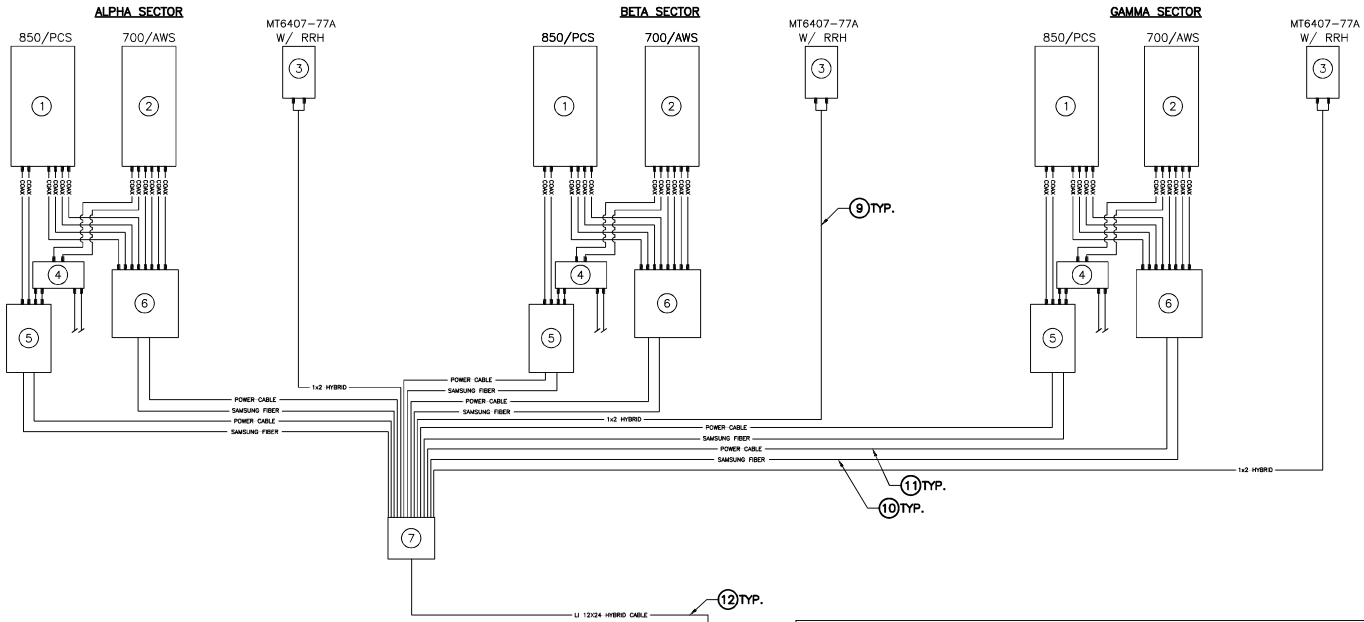
NEXIUS PROJECT NO.:
VZ11509

SHEET TITLE:
ANTENNA SECTOR CONFIGURATIONS, DETAILS & NOTES

SHEET NUMBER:

A-3

NOTE: ALL ANTENNAS ARE VIEWED FROM IN FRONT



BILL OF MATERIALS					
ITEM	DESCRIPTION	EXISTING/PROPOSED	QTY.	LENGTH	COMMENTS
1	850/PCS ANTENNA	PROPOSED	3	NA	INSTALL NEW COMMSCOPE NHH-65C-R2B PANEL ANTENNA
2	700/AWS ANTENNA	PROPOSED	3	NA	INSTALL NEW COMMSCOPE NHH-65C-R2B PANEL ANTENNA
3	MT6407-77A ANTENNA	PROPOSED	3	NA	INSTALL NEW MT6407-77A ANTENNA W/ RRH
4	700/850 DIPLEXER	PROPOSED	3	NA	INSTALL NEW 700/850 COMMSCOPE TD-850B-LTE78-43
5	700/850 RRH	PROPOSED	3	NA	INSTALL NEW RRH: 700/850 SAMSUNG B5/B13 RRH BRO4C AT ANTENNAS
6	AWS/PCS RRH	PROPOSED	3	NA	INSTALL NEW RHH: AWS/PCS SAMSUNG B2/B66A RRH BRO49 AT ANTENNAS
7	UPPER 12C OVP BOX	PROPOSED	1	NA	INSTALL NEW 12C OVP BOX AT ANTENNAS
8	LOWER OVP RACK MOUNT	PROPOSED	1	NA	INSTALL NEW MATCHING RAYCAP WITHIN SHELTER
9	1x2 HYBRID	PROPOSED	3	15'	INSTALL AT NEW "LICENSED SUB 6"ANTENNA W/ RRH
10	SAMSUNG FIBER	PROPOSED	6	15'	INSTALL NEW AT 700/850 & AWS/PCS RRH
11	POWER CABLE	PROPOSED	6	15'	INSTALL NEW AT 700/850 & AWS/PCS RRH
12	LI 12X24 HYBRID CABLE	PROPOSED	1	200'±	INSTALL NEW FROM SHELTER TO TOWER OVP
13	SIDE-BY-SIDE MOUNT	PROPOSED	3	NA	INSTALL NEW BSAMNT-SBS-1-2 SIDE-BY-SIDE MOUNT

1. ITEMS SHOWN ARE FOR MAJOR DESIGN ELEMENTS ONLY, REFER TO VERIZON WIRELESS' B.O.M. FOR ALL MANUFACTURERS PART NUMBERS & ACCESSORY ITEMS REQUIRED FOR A COMPLETE INSTALLATION.
2. 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.
* SIGNIFIES LEASE ONLY.

GENERAL NOTES:

1. CONTRACTOR SHALL REFER TO THE LATEST VERIZON WIRELESS RFDS WHICH MAY INCLUDE ANTENNA SECTOR AZIMUITHS/ANTENNA CHANGES, ETC. THAT ARE REQUIRED AS PART OF THE PROJECT.
2. CONTRACTOR SHALL SECURE ALL CONTROL CABLES IN ACCORDANCE WITH INDUSTRY STANDARDS & MANUFACTURERS INSTRUCTIONS. EXTERIOR CONTROL CABLES MAY BE TAPED OR TIE-WRAPPED TO EXISTING COAXIAL CABLES EVERY 4' MAX. FOR HORIZONTAL RUNS. CONTRACTOR MAY USE HOISTING GRIPS AT TOP OF VERTICAL CABLE RUNS IN CERTAIN APPLICATIONS.
3. RET CABLES SHALL BE ROUTED & SECURED ON STRUCTURAL MEMBERS ONLY. DO NOT LOOP THE CABLES IN MID-AIR BETWEET ANTENNAS.
4. CONTRACTOR SHALL VERIFY ALL CABLE LENGTHS PRIOR TO CONSTRUCTION.

PREPARED BY:

nexius
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APPLICANT:
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DRAWN BY:	DATE:
MLB	08/27/21
CHECKED BY:	DATE:
KB	08/27/21

NEXIUS PROJECT NO.:
VZ11509

SHEET TITLE:
RET SYSTEM WIRING SCHEMATIC

SHEET NUMBER:
A-4

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

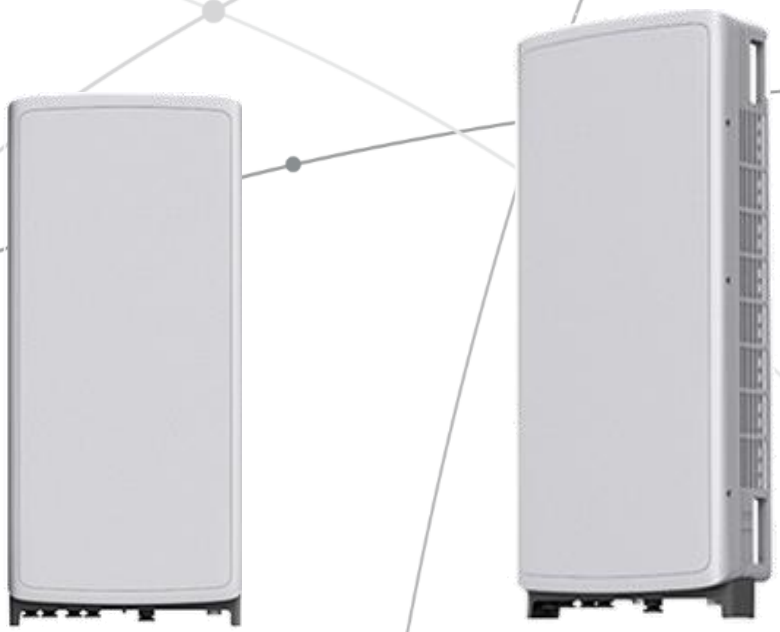
SAMSUNG

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

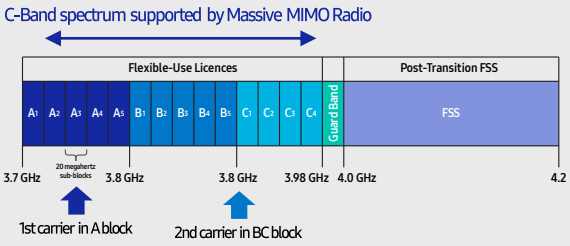


Points of Differentiation

Wide Bandwidth

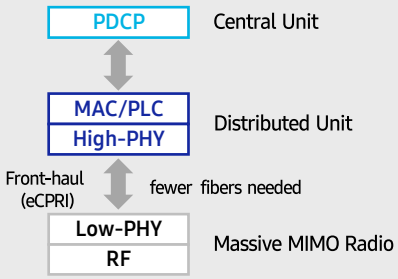
With capability to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

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.

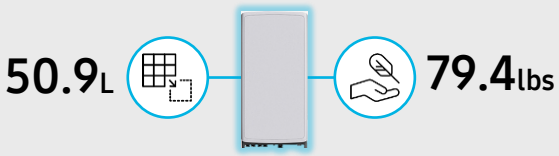
This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

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

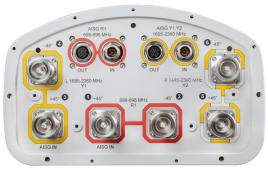
SAMSUNG

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

NHH-65C-R2B



6-port sector antenna, 2x 698–896 and 4x 1695–2360 MHz, 65° HPBW, 2x RET. Both high bands share the same electrical tilt.

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

General Specifications

Antenna Type	Sector
Band	Multiband
Color	Light gray
Effective Projective Area (EPA), frontal	0.37 m^2 | 3.983 ft^2
Effective Projective Area (EPA), lateral	0.31 m^2 | 3.337 ft^2
Grounding Type	RF connector body grounded to reflector and mounting bracket
Performance Note	Outdoor usage | Wind loading figures are validated by wind tunnel measurements described in white paper WP-112534-EN
RF Connector Interface	7-16 DIN Female
RF Connector Location	Bottom
RF Connector Quantity, high band	4
RF Connector Quantity, low band	2
RF Connector Quantity, total	6

Remote Electrical Tilt (RET) Information, General

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

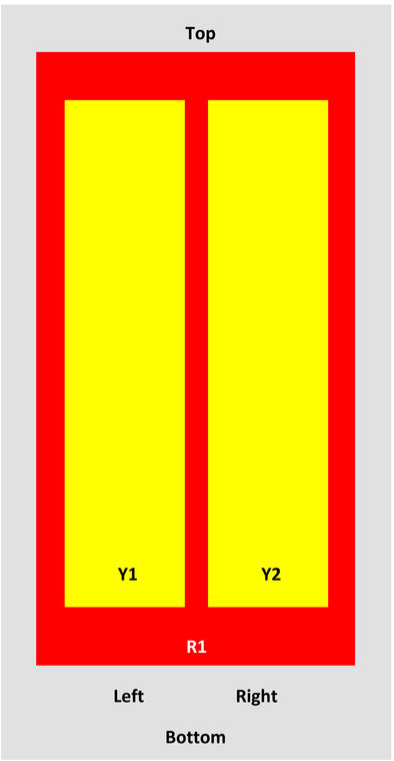
Dimensions

Width	301 mm | 11.85 in
Length	2438 mm | 95.984 in
Depth	180 mm | 7.087 in

Array Layout

NHH-65C-R2B

NHH



Array	Freq (MHz)	Conns	RET (SRET)	AISG RET UID
R1	698-896	1-2	1	ANxxxxxxxxxxxxxxx1
Y1	1695-2360	3-4	2	ANxxxxxxxxxxxxxxx2
Y2	1695-2360	5-6		

View from the front of the antenna

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

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2360 MHz | 698 – 896 MHz
Total Input Power, maximum	900 W @ 50 °C

Remote Electrical Tilt (RET) Information, Electrical

Protocol	3GPP/AISG 2.0 (Single RET)
Power Consumption, idle state, maximum	2 W
Power Consumption, normal conditions, maximum	13 W
Input Voltage	10–30 Vdc
Internal Bias Tee	Port 1 | Port 3
Internal RET	High band (1) | Low band (1)

NHH-65C-R2B

Electrical Specifications

Frequency Band, MHz	698–806	806–896	1695–1880	1850–1990	1920–2200	2300–2360
Gain, dBi	16	16.1	17.3	17.7	18.3	18.2
Beamwidth, Horizontal, degrees	65	62	74	66	62	59
Beamwidth, Vertical, degrees	9	7.9	5.6	5.2	4.9	4.5
Beam Tilt, degrees	0–11	0–11	0–7	0–7	0–7	0–7
USLS (First Lobe), dB	21	18	19	20	22	18
Front-to-Back Ratio at 180°, dB	35	31	33	29	29	30
Isolation, Cross Polarization, dB	25	25	25	25	25	25
Isolation, Inter-band, dB	30	30	30	30	30	30
VSWR | Return loss, dB	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153
Input Power per Port, maximum, watts	400	400	350	350	350	300

Electrical Specifications, BASTA

Frequency Band, MHz	698–806	806–896	1695–1880	1850–1990	1920–2200	2300–2360
Gain by all Beam Tilts, average, dBi	15.8	15.9	16.9	17.5	18	17.9
Gain by all Beam Tilts Tolerance, dB	±0.4	±0.4	±0.4	±0.3	±0.6	±0.4
Gain by Beam Tilt, average, dBi	0 ° | 15.9 5 ° | 15.9 11 ° | 15.5	0 ° | 15.8 5 ° | 16.0 11 ° | 15.7	0 ° | 16.9 4 ° | 17.0 7 ° | 16.9	0 ° | 17.4 4 ° | 17.5 7 ° | 17.4	0 ° | 17.9 4 ° | 18.0 7 ° | 18.0	0 ° | 17.8 4 ° | 17.9 7 ° | 17.9
Beamwidth, Horizontal Tolerance, degrees	±1.2	±1.6	±5.3	±3.4	±6	±3.1
Beamwidth, Vertical Tolerance, degrees	±0.6	±0.4	±0.3	±0.2	±0.2	±0.2
USLS, beampeak to 20° above beampeak, dB	15	14	17	16	17	15
Front-to-Back Total Power at 180° ± 30°, dB	25.6	23.8	28	25	25	24
CPR at Boresight, dB	18	26	20	25	20	17
CPR at Sector, dB	15	9	11	10	8	2

Material Specifications

Radiator Material	Copper | Low loss circuit board

NHH-65C-R2B

Reflector Material	Aluminum

Mechanical Specifications

Wind Loading at Velocity, frontal	393.0 N @ 150 km/h | 88.8 lbf @ 150 km/h
Wind Loading at Velocity, lateral	330.0 N @ 150 km/h | 74.2 lbf @ 150 km/h
Wind Loading at Velocity, maximum	170.2 lbf @ 150 km/h | 757.0 N @ 150 km/h
Wind Speed, maximum	241 km/h | 149.75 mph

Packaging and Weights

Width, packed	409 mm | 16.102 in
Depth, packed	299 mm | 11.772 in
Length, packed	2561 mm | 100.827 in
Net Weight, without mounting kit	23.4 kg | 51.588 lb
Weight, gross	36.1 kg | 79.587 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant/Exempted

Included Products

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

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance

ATTACHMENT 3

	General	Power	Density					
Site Name: Goshen S								
Tower Height: Verizon @ 185ft								
CARRIER	**# OF CHAN.**	**WATTS ERP**	**HEIGHT**	**FREQ.**	**CALC. POWER DENS**	**MAX. PERMISS. EXP.**	**FRACTION MPE**	**Total**
*T-Mobile	2	1280	160	1900	0.0388	1.0000	0.39%	
*T-Mobile	2	2559	160	2100	0.0776	1.0000	0.78%	
*T-Mobile	1	865	160	700	0.0131	0.4667	0.28%	
*Sprint	1	438	195	850	0.0044	0.5667	0.08%	
*Sprint	2	438	195	850	0.0088	0.5667	0.16%	
*Sprint	5	623	195	1900	0.0314	1.0000	0.31%	
*Sprint	2	1556	195	1900	0.0313	1.0000	0.31%	
*Sprint	8	778	195	2500	0.0627	1.0000	0.63%	
*AT&T	1	1233	172.5	850	0.0160	0.5667	0.28%	
*AT&T	1	2951	172.5	700	0.0383	0.4667	0.82%	
*AT&T	1	3664	172.5	1900	0.0475	1.0000	0.48%	
*AT&T	1	1476	172.5	700	0.0191	0.4667	0.41%	
*AT&T	1	1000	172.5	850	0.0130	0.5667	0.23%	
*AT&T	1	3837	172.5	2100	0.0498	1.0000	0.50%	
*AT&T	1	1000	172.5	850	0.0130	0.5667	0.23%	
VZW 700	**4**	**933**	**185**	**751**	**0.0039**	**0.5007**	**0.78%**	
VZW CDMA	**2**	**413**	**185**	**878.49**	**0.0009**	**0.5857**	**0.15%**	
VZW Cellular	**4**	**887**	**185**	**874**	**0.0037**	**0.5827**	**0.64%**	
VZW PCS	**4**	**1493**	**185**	**1975**	**0.0063**	**1.0000**	**0.63%**	
VZW AWS	**4**	**1669**	**185**	**2120**	**0.0070**	**1.0000**	**0.70%**	
VZW CBAND	**4**	**6531**	**185**	**3730.08**	**0.0275**	**1.0000**	**2.75%**	
								11.52%
* 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 194 ft EEI Monopole

Customer Name: SBA Communications Corp

Customer Site Number: CT12210-A

Customer Site Name: Goshen 3, CT

Carrier Name: Verizon (App#: 146038, V4)

Carrier Site ID / Name: 468131 / Goshen South CT

Site Location: 113 Brush Hill Road

Goshen, Connecticut

Litchfield County

Latitude: 41.797172

Longitude: -73.221674

Exp.10/31/2021

09/30/2021

Analysis Result:

Max Structural Usage: 80.9% [Pass]

Max Foundation Usage: 61.0% [Pass]

Additional Usage Caused by Mount Modification:

Report Prepared By: Younus Alkarawi

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

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Analysis Result:

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Additional Usage Caused by Mount Modification:

Report Prepared By: Younus Alkarawi

Introduction

The purpose of this report is to summarize the analysis results on the 194 ft EEI 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	Engineered Endeavors Incorporated Project #12782, Drawing #GS55363, Dated
Foundation Drawing	Engineered Endeavors Incorporated Project #12782, Drawing #12782-195, Dated
Geotechnical Report	Dr. Clarence Welti, PE, PC Geotechnical Report, Dated 12/18/03
Mount Modification Drawings	MASER CONSULTING CT PROJECT #: 21777045A, Dated 07/08/2021
Mount Analysis	Verizon MA by Maser Consulting Connecticut Project #: 21777045A, Dated

Analysis Criteria

The rigorous analysis was performed in accordance with the requirements and stipulations of the TIA-

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:	40 mph (3-Sec. Gust) with 1" radial ice concurrent
Operational Wind Speed:	60 mph + 0" Radial ice
Standard/Codes:	TIA-222-G-2 / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	
Structure Class:	
Topographic Category:	
Crest Height:	0 ft
Seismic Parameters:	

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
			RFS - APXVTM14-C-120 - Panel	Low Profile Platform	(4) 1-1/4" Hybrid	Sprint
			RFS - APXVSPP18-C-A20 - Panel			
			ALU - TD-RRH8x20-25 - RRU			
			ALU - 1900MHz RRH – RRU			
			ALU - 800 MHz RRH – RRU			
			ALU - 800 MHz Filter			
			Amphenol - LPA-80080/6CF - Panel	Platform		Verizon
			Amphenol - BXA-70063-6-CF - Panel			
			Amphenol - BXA-171063-12BF - Panel			
			Antel - LPA-80063-6 CF - Panel			
			Andrew - FPA5250 - Dish			
			Cci DMP65R-BU6DA - Panel	14.5' Platform W/ Site Pro 1 # HRK14	(1) 7/16" Fiber (1) 3" Innerduct*	
			Powerwave 7770- Panel			
			Ericsson RRUS 4478 B14			
			Ericsson RRUS 8843 B2 B66A			
			Ericsson RRUS 4449 B5/B12			
			Raycap DC6-48-60-18-8F			
			Commscope ABT-DFM-ADBH			
		3	RFS - APX16DWV-16DWVS-E-A20 - Panel	(3) T-Arm	(2) 1 5/8" Hybrid	T-Mobile
		3	Commscope - LNX-6515DS-A1M - Panel			
			96”x15.6”x9” Panel (180 lb) - Panel			
			15”x14”x7.5” RRU (70 lb) – RRU			
			Ericsson - RRUS 11 - RRU			
			Ericsson - RRUS 11 (Band 12) - RRU			
			Ericsson - RRUS 11 (Band 4) - RRU			
			Symmetricom - 58532A - GPS	Direct		

*(Housing (2) 3/4" DC power & (1) 7/16" Fiber cables)

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
			Andrew - FPA5250 - Dish	Modified Platform W/ (1) support rail kit & (1) kicker kit	Hybrid	Verizon
			Commscope NHH-65C-R2B - Panel			
			Samsung MT6407-77A - Panel			
			Commscope TD-850B-LTE78-43-Diplexer			
			Samsung RFV01U-D2A RRU			
			Samsung RFV01U-D1A RRU			

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:			
Pass/Fail	**Pass**	**Pass**	**Pass**

Foundations

	Moment (Kip-Ft)	Shear (Kips)
Original Design Reactions		
Analysis Reactions		
Factored Reactions*		
% of Design Reactions		

* Per section 15.5.1 of the TIA-222-G standard, factored reactions were obtained by multiplying a 1.35 factor to the original design reactions.

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):

The maximum twist and sway of the microwave dishes under the operational wind speed as specified in the Analysis Criteria are listed in the table below:

Elevation (ft)	Antenna / Dish	Carrier	Twist (deg)	Sway (deg)
	Andrew - FPA5250 - Dish	Verizon		

It is recommended that the carriers review the twist and sway values of the microwave dishes.

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

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

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.

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 . 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, should be notified in writing and the applicable minimum values provided by the client.

The configuration of the existing mounts, antennas, coax and other appurtenances were supplied by the customer for the current structural analysis. 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, should be notified immediately to evaluate the effect of the discrepancy on the analysis results.

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.

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

Usage Diagram - Max Ratio 71.72% at 53.3ft

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT	**Exposure:**	C	
Height:	193.50 (ft)	**Gh:**	1.1	
Base Elev:	0.000 (ft)			Page: 1

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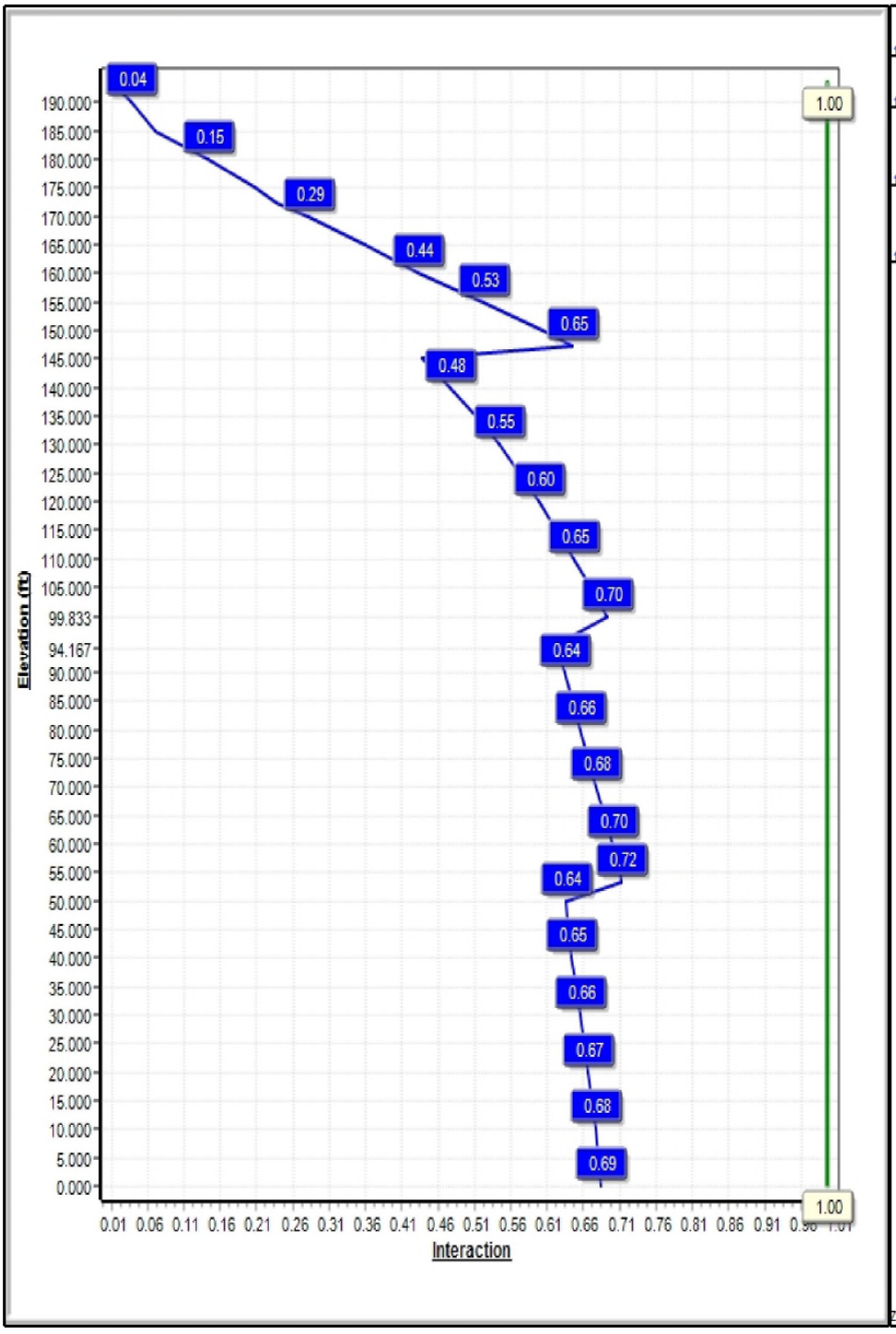
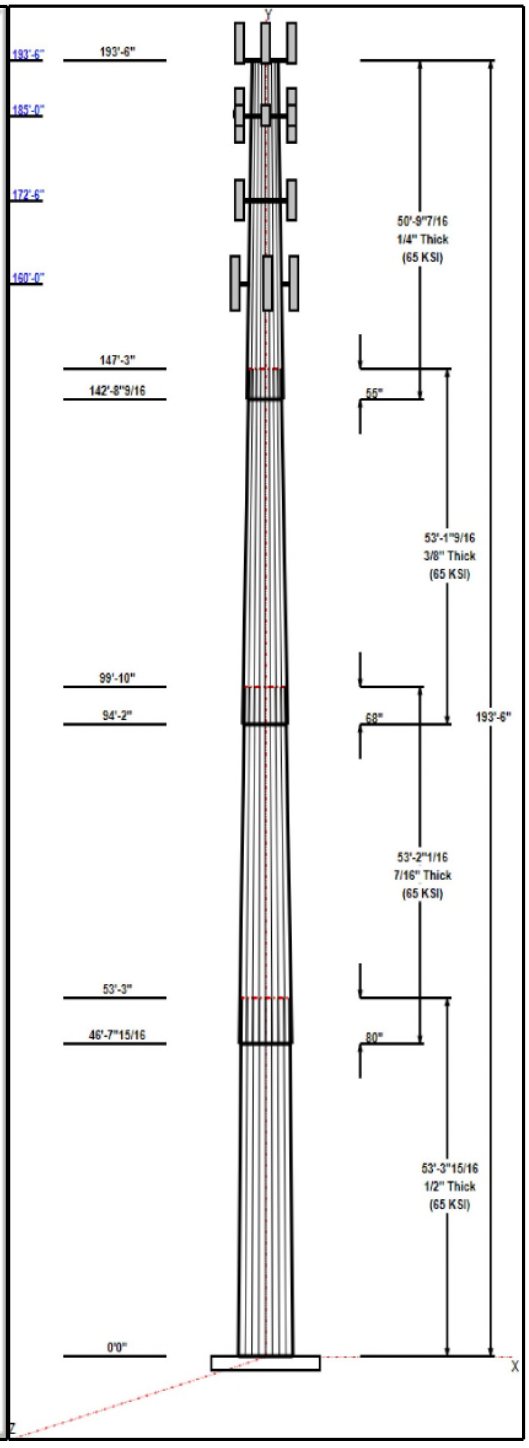
Dead Load Factor:	1.20	**Iterations:**	27
Wind Load Factor:	1.60		

Load Case : 1.2D + 1.6W 89 mph Wind





Structure: CT12210-A-SBA

Type: Tapered
Site Name: Goshen 3, CT
Height: 193.50 (ft)
Base Elev: 0.00 (ft)

Base Shape: 18 Sided
Taper: 0.18928

8/9/2021

Tower Engineering Solutions

Shaft Properties

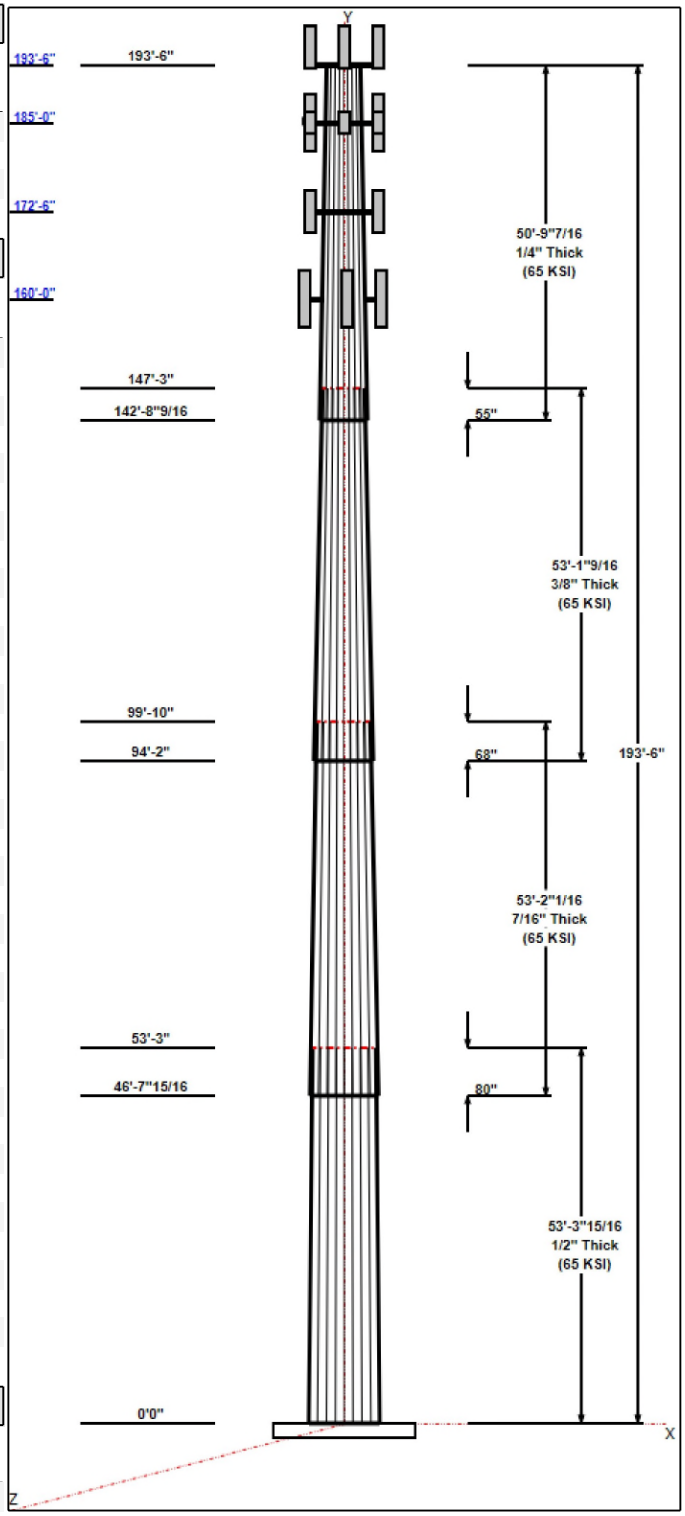
Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	53.33	46.91	57.00	0.500		0.18928	65
2	53.17	38.98	49.04	0.438	Slip	0.18928	65
3	53.13	30.75	40.80	0.375	Slip	0.18928	65
4	50.79	22.50	32.11	0.250	Slip	0.18928	65

Discrete Appurtenances

Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
193.50	195.00	1	Low Profile Platform	Sprint
193.50	196.00	3	APXVSPP18-C-A20	Sprint
193.50	196.00	3	APXVTM14-C-120	Sprint
193.50	196.00	3	1900MHz RRH	Sprint
193.50	196.00	3	800 MHz RRH	Sprint
193.50	196.00	3	TD-RRH8x20-25	Sprint
193.50	195.00	3	800 MHz Filter	Sprint
193.50	195.00	4	ACU-A20-N	Sprint
185.00	185.00	1	Low Profile	Verizon
185.00	186.00	1	FPA5250	Verizon
185.00	185.00	1	GPS	Verizon
185.00	185.00	6	Commscope	Verizon
185.00	185.00	3	Samsung MT6407-77A	Verizon
185.00	185.00	3	Commscope	Verizon
185.00	185.00	3	Samsung RFV01U-D2A	Verizon
185.00	185.00	3	Samsung RFV01U-D1A	Verizon
185.00	185.00	1	RFS	Verizon
185.00	185.00	1	support rail kit	Verizon
185.00	185.00	1	kicker kit	Verizon
172.50	172.50	6	DMP65R-BU6DA	AT&T
172.50	172.50	1	HRK14	AT&T
172.50	172.50	1	14.5' Platform	AT&T
172.50	172.50	3	RRUS 4478 B14	AT&T
172.50	172.50	3	RRUS 8843 B2 B66A	AT&T
172.50	172.50	3	RRUS 4449 B5/B12	AT&T
172.50	172.50	3	DC6-48-60-18-8F	AT&T
172.50	172.50	1	ABT-DMDF-ADBH	AT&T
160.00	160.00	3	T-Arms	T-Mobile
160.00	160.00	3	LNX-6515DS-A1M	T-Mobile
160.00	160.00	3	APX16DWV-16DWVS-E-A	T-Mobile
160.00	160.00	3	RRUS 11 (Band 4)	T-Mobile
160.00	160.00	3	RRUS 11 (Band 12)	T-Mobile
160.00	160.00	3	RRUS 11	T-Mobile
160.00	160.00	3	96" x 15.6" x 9"	T-Mobile
160.00	160.00	3	15" x 14" x 7.5" RRU (70	T-Mobile
50.00	50.00	1	58532A GPS	T-Mobile

Linear Appurtenances

Elev From (ft)	Elev To (ft)	Placement	Description	Carrier
0.00	193.50	Inside	1-1/4" Hybrid	Sprint
0.00	185.00	Inside	1 5/8"	Verizon
0.00	185.00	Inside	1 5/8" Hybrid	Verizon
0.00	185.00	Inside	1/2"	Verizon
0.00	172.50	Inside	1 5/8"	AT&T
0.00	172.50	Inside	3" Innerduct	AT&T



0.00	172.50	Inside	3/4" DC	AT&T
0.00	172.50	Inside	7/16" Fiber	AT&T
0.00	160.00	Inside	1 5/8" Hybrid	T-Mobile
0.00	50.00	Inside	1/2"	T-Mobile

Anchor Bolts

Qty	Specifications	Grade (ksi)	Arrangement
24	2.25" 18J	75.0	Radial

Base Plate

Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
2.2500	72.0	60.0	Round

Reactions

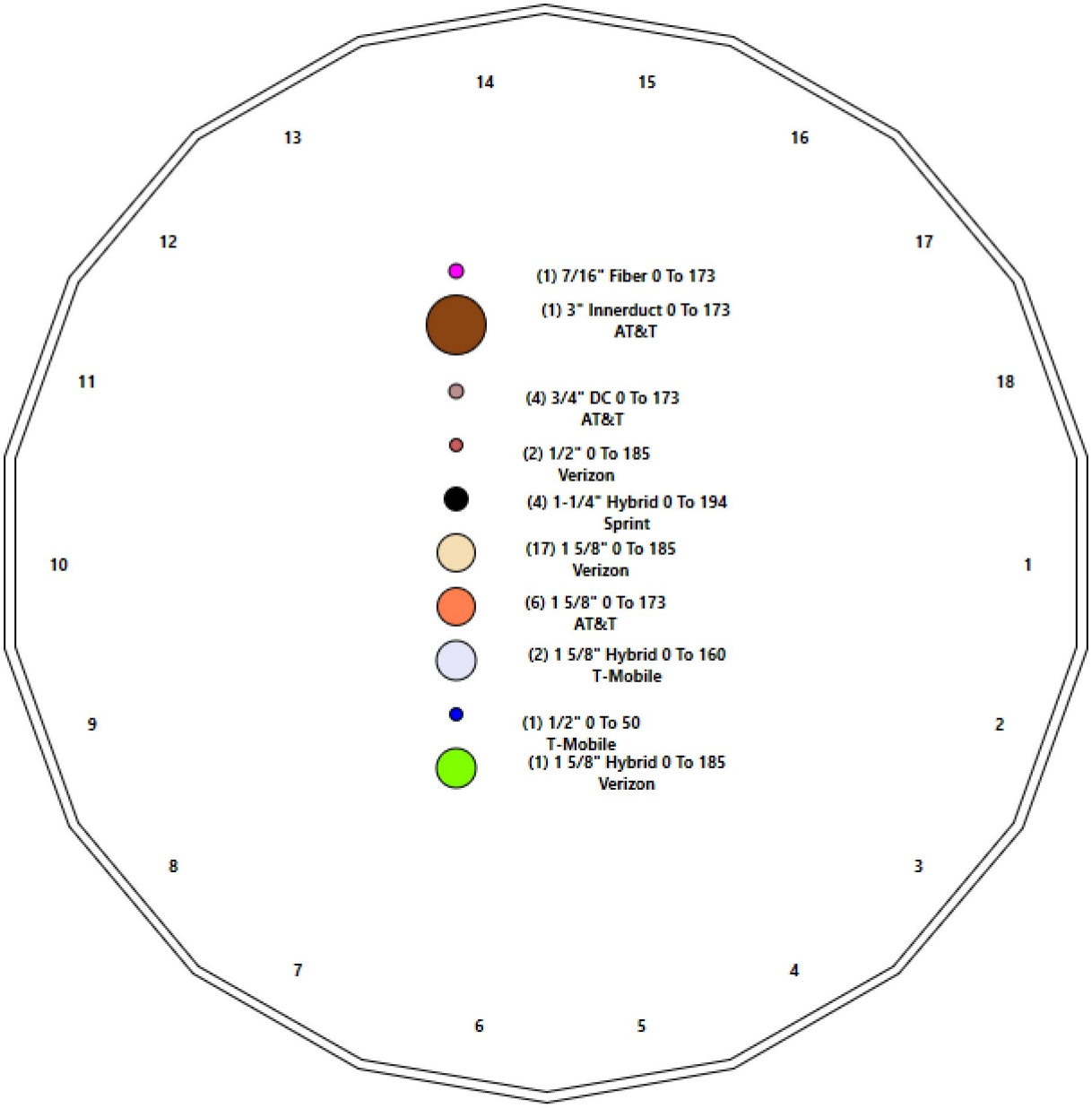
Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.6W 89 mph Wind	5051.4	34.6	65.3
0.9D + 1.6W 89 mph Wind	4959.8	34.6	48.9
1.2D + 1.0Di + 1.0Wi 40 mph Wind	1196.3	7.8	106.8
1.2D + 1.0E	395.6	2.7	65.3
0.9D + 1.0E	388.0	2.7	49.0
1.0D + 1.0W 60 mph Wind	1421.5	9.8	54.4

Structure: CT12210-A-SBA - Coax Line Placement

Type: Monopole
Site Name: Goshen 3, CT
Height: 193.50 (ft)

8/9/2021

Tower Engineering Solutions



Shaft Properties

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (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	53.330	0.5000	65		0.00	14,818
2	18	53.170	0.4375	65	Slip	80.00	10,947
3	18	53.130	0.3750	65	Slip	68.00	7,617
4	18	50.787	0.2500	65	Slip	55.00	3,710
					Total Shaft Weight:		**37,091**

	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	57.00	0.00	89.66	36162.61	18.69	114.00	46.91	53.33	73.64	20037.0	15.13	93.81	0.189276
2	49.04	46.66	67.49	20145.19	18.36	112.10	38.98	99.83	53.52	10043.9	14.30	89.09	0.189276
3	40.80	94.17	48.12	9935.12	17.77	108.80	30.75	147.30	36.15	4212.30	13.05	81.99	0.189276
4	32.11	142.7	25.28	3242.90	21.24	128.45	22.50	193.50	17.65	1104.27	14.46	90.00	0.189276

Load Summary

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (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	193.50	Low Profile Platform	1	1200.00	25.00	1.00	2632.18	53.644	1.00	0.00	1.50
2	193.50	APXVSPP18-C-A20	3	55.00	8.02	0.83	283.12	11.841	0.86	0.00	2.50
3	193.50	APXVTM14-C-120	3	57.00	6.34	0.79	286.45	7.896	0.82	0.00	2.50
4	193.50	1900MHz RRH	3	60.00	3.80	0.67	263.60	5.701	0.67	0.00	2.50
5	193.50	800 MHz RRH	3	53.00	2.49	0.67	154.16	4.054	0.67	0.00	2.50
6	193.50	TD-RRH8x20-25	3	70.00	4.05	0.67	210.55	5.199	0.67	0.00	2.50
7	193.50	800 MHz Filter	3	8.80	0.42	1.00	26.76	0.891	1.00	0.00	1.50
8	193.50	ACU-A20-N	4	1.00	0.14	0.67	6.88	0.546	0.67	0.00	1.50
9	185.00	Low Profile Platform-Round	1	1500.00	22.00	1.00	3282.20	46.048	1.00	0.00	0.00
10	185.00	FPA5250	1	10.00	1.20	1.00	39.88	2.190	1.00	0.00	1.00
11	185.00	GPS	1	10.00	1.00	1.00	49.92	1.970	1.00	0.00	0.00
12	185.00	Commscope NHH-65C-R2B	6	51.60	11.39	0.84	433.20	13.668	0.84	0.00	0.00
13	185.00	Samsung MT6407-77A	3	79.40	4.69	0.70	254.79	6.002	0.70	0.00	0.00
14	185.00	Commscope TD-850B-LTE78-43	3	7.90	1.48	0.50	64.96	2.684	0.50	0.00	0.00
15	185.00	Samsung RFV01U-D2A RRU	3	70.30	1.88	0.67	136.52	2.631	0.67	0.00	0.00
16	185.00	Samsung RFV01U-D1A RRU	3	84.40	1.88	0.67	154.19	2.631	0.67	0.00	0.00
17	185.00	RFS DB-C1-12C-24AB-0Z-OVP	1	32.00	4.06	1.00	187.12	5.179	1.00	0.00	0.00
18	185.00	support rail kit	1	514.00	12.25	1.00	1344.55	28.551	1.00	0.00	0.00
19	185.00	kicker kit	1	146.00	8.00	1.00	423.55	19.406	1.00	0.00	0.00
20	172.50	DMP65R-BU6DA	6	63.30	12.71	0.73	472.24	14.754	0.73	0.00	0.00
21	172.50	HRK14	1	302.36	8.13	1.00	787.53	18.873	1.00	0.00	0.00
22	172.50	14.5' Platform	1	2000.00	24.80	1.00	4359.70	31.407	1.00	0.00	0.00
23	172.50	RRUS 4478 B14	3	59.40	1.65	0.67	115.47	2.351	0.67	0.00	0.00
24	172.50	RRUS 8843 B2 B66A	3	70.00	1.64	0.67	132.17	2.338	0.67	0.00	0.00
25	172.50	RRUS 4449 B5/B12	3	71.00	1.97	0.67	143.18	2.710	0.67	0.00	0.00
26	172.50	DC6-48-60-18-8F	3	31.80	0.92	1.00	115.39	1.512	1.00	0.00	0.00
27	172.50	ABT-DMDF-ADBH	1	1.10	0.05	0.98	4.12	0.310	0.98	0.00	0.00
28	160.00	T-Arms	3	350.00	8.00	0.75	677.88	17.368	0.75	0.00	0.00
29	160.00	LNX-6515DS-A1M	3	49.80	11.47	0.80	357.85	15.854	0.80	0.00	0.00
30	160.00	APX16DWV-16DWVS-E-A20	3	40.70	6.61	0.62	197.79	9.533	0.62	0.00	0.00
31	160.00	RRUS 11 (Band 4)	3	44.00	2.52	0.67	127.68	3.370	0.67	0.00	0.00
32	160.00	RRUS 11 (Band 12)	3	44.00	2.52	0.67	127.68	3.370	0.67	0.00	0.00
33	160.00	RRUS 11	3	51.00	2.52	0.67	147.99	3.370	0.67	0.00	0.00
34	160.00	96" x 15.6" x 9"	3	180.00	14.17	0.82	648.88	16.474	0.82	0.00	0.00
35	160.00	15" x 14" x 7.5" RRU (70 lb)	3	70.00	1.75	0.67	164.18	2.517	0.67	0.00	0.00
36	50.00	58532A GPS	1	0.40	0.22	1.00	9.96	0.662	1.00	0.00	0.00
		Totals:	**93**	**11,231.76**			**32,954.49**				

Linear Appurtenances

Bottom Elev. (ft)	Top Elev. (ft)	Description	Exposed Width	Exposed
0.00	193.50	(4) 1-1/4" Hybrid	0.00	Inside
0.00	185.00	(17) 1 5/8"	0.00	Inside
0.00	185.00	(1) 1 5/8" Hybrid	0.00	Inside
0.00	185.00	(2) 1/2"	0.00	Inside
0.00	172.50	(6) 1 5/8"	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)
0.00	172.50	(1) 3" Innerduct			0.00	Inside					
0.00	172.50	(4) 3/4" DC			0.00	Inside					
0.00	172.50	(1) 7/16" Fiber			0.00	Inside					
0.00	160.00	(2) 1 5/8" Hybrid			0.00	Inside					
0.00	50.00	(1) 1/2"			0.00	Inside					

Shaft Section Properties

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (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		0.5000	57.000	89.662	36162.6	18.69	114.00	79.4	1249.	0.0
5.00		0.5000	56.054	88.160	34375.7	18.36	112.11	79.8	1207.	1512.7
10.00		0.5000	55.107	86.659	32648.6	18.02	110.21	80.2	1166.	1487.2
15.00		0.5000	54.161	85.157	30980.4	17.69	108.32	80.6	1126.	1461.6
20.00		0.5000	53.214	83.655	29370.0	17.36	106.43	81.0	1087.	1436.1
25.00		0.5000	52.268	82.153	27816.4	17.02	104.54	81.4	1048.	1410.5
30.00		0.5000	51.322	80.651	26318.6	16.69	102.64	81.8	1010.	1385.0
35.00		0.5000	50.375	79.149	24875.5	16.35	100.75	82.2	972.6	1359.4
40.00		0.5000	49.429	77.647	23486.1	16.02	98.86	82.5	935.9	1333.9
45.00		0.5000	48.483	76.146	22149.5	15.69	96.97	82.5	899.8	1308.3
46.66	Bot - Section 2	0.5000	48.168	75.646	21716.4	15.58	96.34	82.5	888.0	429.6
50.00		0.5000	47.536	74.644	20864.6	15.35	95.07	82.5	864.5	1614.5
53.33	Top - Section 1	0.4375	47.781	65.740	18616.6	17.85	109.21	0.0	0.0	1590.0
55.00		0.4375	47.465	65.301	18246.2	17.72	108.49	80.6	757.2	372.3
60.00		0.4375	46.518	63.987	17166.7	17.34	106.33	81.0	726.8	1099.8
65.00		0.4375	45.572	62.673	16130.5	16.96	104.16	81.5	697.2	1077.5
70.00		0.4375	44.626	61.359	15137.0	16.57	102.00	81.9	668.1	1055.1
75.00		0.4375	43.679	60.044	14185.1	16.19	99.84	82.4	639.6	1032.8
80.00		0.4375	42.733	58.730	13274.0	15.81	97.68	82.5	611.8	1010.4
85.00		0.4375	41.786	57.416	12402.7	15.43	95.51	82.5	584.6	988.1
90.00		0.4375	40.840	56.102	11570.5	15.05	93.35	82.5	558.0	965.7
94.17	Bot - Section 3	0.4375	40.051	55.007	10906.0	14.73	91.55	82.5	536.3	787.7
95.00		0.4375	39.894	54.788	10776.3	14.67	91.19	82.5	532.0	291.8
99.83	Top - Section 2	0.3750	39.729	46.839	9165.1	17.27	105.94	0.0	0.0	1669.9
100.00		0.3750	39.697	46.802	9143.1	17.26	105.86	81.1	453.6	26.6
105.00		0.3750	38.751	45.675	8498.7	16.81	103.34	81.6	432.0	786.7
110.00		0.3750	37.805	44.549	7885.3	16.37	100.81	82.2	410.8	767.5
115.00		0.3750	36.858	43.423	7302.2	15.92	98.29	82.5	390.2	748.4
120.00		0.3750	35.912	42.296	6748.6	15.48	95.76	82.5	370.1	729.2
125.00		0.3750	34.965	41.170	6223.6	15.03	93.24	82.5	350.6	710.0
130.00		0.3750	34.019	40.043	5726.7	14.59	90.72	82.5	331.6	690.9
135.00		0.3750	33.073	38.917	5256.9	14.14	88.19	82.5	313.1	671.7
140.00		0.3750	32.126	37.791	4813.5	13.70	85.67	82.5	295.1	652.5
142.71	Bot - Section 4	0.3750	31.613	37.179	4583.7	13.45	84.30	82.5	285.6	346.1
145.00		0.3750	31.180	36.664	4395.8	13.25	83.15	82.5	277.7	482.7
147.30	Top - Section 3	0.2500	31.245	24.594	2985.2	20.63	124.98	0.0	0.0	478.1
150.00		0.2500	30.734	24.188	2839.7	20.27	122.93	77.6	182.0	224.4
155.00		0.2500	29.787	23.437	2583.4	19.60	119.15	78.3	170.8	405.1
160.00		0.2500	28.841	22.686	2342.9	18.93	115.36	79.1	160.0	392.4
165.00		0.2500	27.894	21.935	2117.9	18.26	111.58	79.9	149.5	379.6
170.00		0.2500	26.948	21.184	1907.7	17.60	107.79	80.7	139.4	366.8
172.50		0.2500	26.475	20.809	1808.1	17.26	105.90	81.1	134.5	178.6
175.00		0.2500	26.002	20.433	1712.0	16.93	104.01	81.5	129.7	175.4
180.00		0.2500	25.055	19.682	1530.1	16.26	100.22	82.3	120.3	341.3
185.00		0.2500	24.109	18.931	1361.5	15.59	96.44	82.5	111.2	328.5
190.00		0.2500	23.162	18.180	1205.9	14.93	92.65	82.5	102.5	315.7
193.50		0.2500	22.500	17.655	1104.3	14.46	90.00	82.5	96.7	213.4
										37091.4

Wind Loading - Shaft

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (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 27

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	395.77	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	389.20	0.650	0.000	5.00	23.916	15.55	448.0	0.0	1815.3
10.00		1.00	0.85	16.374	18.01	382.63	0.650	0.000	5.00	23.516	15.29	440.5	0.0	1784.6
15.00		1.00	0.85	16.374	18.01	376.06	0.650	0.000	5.00	23.115	15.02	433.0	0.0	1753.9
20.00		1.00	0.90	17.374	19.11	380.59	0.650	0.000	5.00	22.715	14.76	451.5	0.0	1723.3
25.00		1.00	0.95	18.209	20.03	382.71	0.650	0.000	5.00	22.315	14.50	464.8	0.0	1692.6
30.00		1.00	0.98	18.922	20.81	383.06	0.650	0.000	5.00	21.914	14.24	474.4	0.0	1662.0
35.00		1.00	1.01	19.546	21.50	382.15	0.650	0.000	5.00	21.514	13.98	481.1	0.0	1631.3
40.00		1.00	1.04	20.103	22.11	380.28	0.650	0.000	5.00	21.113	13.72	485.6	0.0	1600.6
45.00		1.00	1.07	20.608	22.67	377.65	0.650	0.000	5.00	20.713	13.46	488.3	0.0	1570.0
46.66	Bot - Section 2	1.00	1.08	20.766	22.84	376.63	0.650	0.000	1.66	6.802	4.42	161.6	0.0	515.5
50.00	Appurtenance(s)	1.00	1.09	21.070	23.18	374.41	0.650	0.000	3.34	13.758	8.94	331.6	0.0	1937.4
53.33	Top - Section 1	1.00	1.11	21.358	23.49	371.96	0.650	0.000	3.33	13.553	8.81	331.1	0.0	1908.0
55.00		1.00	1.12	21.497	23.65	377.62	0.650	0.000	1.67	6.730	4.37	165.5	0.0	446.8
60.00		1.00	1.14	21.895	24.08	373.49	0.650	0.000	5.00	19.882	12.92	498.0	0.0	1319.8
65.00		1.00	1.16	22.267	24.49	368.99	0.650	0.000	5.00	19.481	12.66	496.3	0.0	1293.0
70.00		1.00	1.17	22.617	24.88	364.16	0.650	0.000	5.00	19.081	12.40	493.7	0.0	1266.2
75.00		1.00	1.19	22.948	25.24	359.03	0.650	0.000	5.00	18.681	12.14	490.4	0.0	1239.3
80.00		1.00	1.21	23.262	25.59	353.65	0.650	0.000	5.00	18.280	11.88	486.5	0.0	1212.5
85.00		1.00	1.22	23.561	25.92	348.03	0.650	0.000	5.00	17.880	11.62	481.9	0.0	1185.7
90.00		1.00	1.24	23.846	26.23	342.20	0.650	0.000	5.00	17.479	11.36	476.8	0.0	1158.8
94.17	Bot - Section 3	1.00	1.25	24.074	26.48	337.19	0.650	0.000	4.17	14.260	9.27	392.7	0.0	945.2
95.00		1.00	1.25	24.119	26.53	336.18	0.650	0.000	0.83	2.872	1.87	79.2	0.0	350.2
99.83	Top - Section 2	1.00	1.27	24.372	26.81	330.19	0.650	0.000	4.83	16.436	10.68	458.3	0.0	2003.9
100.00		1.00	1.27	24.381	26.82	336.33	0.650	0.000	0.17	0.560	0.36	15.6	0.0	31.9
105.00		1.00	1.28	24.632	27.10	330.01	0.650	0.000	5.00	16.596	10.79	467.7	0.0	944.0
110.00		1.00	1.29	24.875	27.36	323.53	0.650	0.000	5.00	16.195	10.53	460.9	0.0	921.0
115.00		1.00	1.30	25.109	27.62	316.91	0.650	0.000	5.00	15.795	10.27	453.7	0.0	898.0
120.00		1.00	1.32	25.335	27.87	310.16	0.650	0.000	5.00	15.394	10.01	446.2	0.0	875.0
125.00		1.00	1.33	25.553	28.11	303.28	0.650	0.000	5.00	14.994	9.75	438.3	0.0	852.0
130.00		1.00	1.34	25.765	28.34	296.30	0.650	0.000	5.00	14.593	9.49	430.1	0.0	829.1
135.00		1.00	1.35	25.971	28.57	289.20	0.650	0.000	5.00	14.193	9.23	421.7	0.0	806.1
140.00		1.00	1.36	26.170	28.79	282.00	0.650	0.000	5.00	13.793	8.97	412.9	0.0	783.1
142.71	Bot - Section 4	1.00	1.36	26.276	28.90	278.05	0.650	0.000	2.71	7.317	4.76	220.0	0.0	415.3
145.00		1.00	1.37	26.364	29.00	274.71	0.650	0.000	2.29	6.172	4.01	186.1	0.0	579.2
147.30	Top - Section 3	1.00	1.37	26.452	29.10	271.33	0.650	0.000	2.30	6.114	3.97	185.0	0.0	573.7
150.00		1.00	1.38	26.553	29.21	271.74	0.650	0.000	2.70	7.089	4.61	215.3	0.0	269.2
155.00		1.00	1.39	26.737	29.41	264.29	0.650	0.000	5.00	12.803	8.32	391.6	0.0	486.2
160.00	Appurtenance(s)	1.00	1.40	26.917	29.61	256.74	0.650	0.000	5.00	12.403	8.06	381.9	0.0	470.8
165.00		1.00	1.41	27.091	29.80	249.13	0.650	0.000	5.00	12.002	7.80	372.0	0.0	455.5
170.00		1.00	1.42	27.262	29.99	241.43	0.650	0.000	5.00	11.602	7.54	361.8	0.0	440.2
172.50	Appurtenance(s)	1.00	1.42	27.346	30.08	237.56	0.650	0.000	2.50	5.651	3.67	176.8	0.0	214.3
175.00		1.00	1.42	27.429	30.17	233.66	0.650	0.000	2.50	5.551	3.61	174.2	0.0	210.5
180.00		1.00	1.43	27.592	30.35	225.83	0.650	0.000	5.00	10.801	7.02	340.9	0.0	409.5
185.00	Appurtenance(s)	1.00	1.44	27.752	30.53	217.93	0.650	0.000	5.00	10.401	6.76	330.2	0.0	394.2
190.00		1.00	1.45	27.908	30.70	209.96	0.650	0.000	5.00	10.000	6.50	319.3	0.0	378.8
193.50	Appurtenance(s)	1.00	1.45	28.016	30.82	204.35	0.650	0.000	3.50	6.762	4.40	216.7	0.0	256.1

Wind Loading - Shaft

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 10

Totals:	**193.50**	**16,929.8**	**44,509.7**

Discrete Appurtenance Forces

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (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 27

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	193.50	800 MHz Filter	3	28.061	30.867	1.00	1.00	1.26	31.68	0.000	1.500	62.23	0.00	93.34
2	193.50	TD-RRH8x20-25	3	28.091	30.901	0.67	1.00	8.14	252.00	0.000	2.500	402.47	0.00	1006.18
3	193.50	800 MHz RRH	3	28.091	30.901	0.67	1.00	5.00	190.80	0.000	2.500	247.45	0.00	618.62
4	193.50	1900MHz RRH	3	28.091	30.901	0.67	1.00	7.64	216.00	0.000	2.500	377.63	0.00	944.07
5	193.50	APXVTM14-C-120	3	28.091	30.901	0.79	1.00	15.03	205.20	0.000	2.500	742.89	0.00	1857.22
6	193.50	APXVSPP18-C-A20	3	28.091	30.901	0.83	1.00	19.97	198.00	0.000	2.500	987.33	0.00	2468.31
7	193.50	Low Profile Platform	1	28.061	30.867	1.00	1.00	25.00	1440.00	0.000	1.500	1234.69	0.00	1852.04
8	193.50	ACU-A20-N	4	28.061	30.867	0.67	1.00	0.38	4.80	0.000	1.500	18.53	0.00	27.80
9	185.00	Commscope	6	27.752	30.527	0.63	0.75	43.05	371.52	0.000	0.000	2102.91	0.00	0.00
10	185.00	Samsung MT6407-77A	3	27.752	30.527	0.52	0.75	7.39	285.84	0.000	0.000	360.79	0.00	0.00
11	185.00	Commscope	3	27.752	30.527	0.38	0.75	1.66	28.44	0.000	0.000	81.32	0.00	0.00
12	185.00	GPS	1	27.752	30.527	1.00	1.00	1.00	12.00	0.000	0.000	48.84	0.00	0.00
13	185.00	FPA5250	1	27.783	30.562	1.00	1.00	1.20	12.00	0.000	1.000	58.68	0.00	58.68
14	185.00	kicker kit	1	27.752	30.527	1.00	1.00	8.00	175.20	0.000	0.000	390.75	0.00	0.00
15	185.00	Samsung RFV01U-D2A	3	27.752	30.527	0.50	0.75	2.83	253.08	0.000	0.000	138.43	0.00	0.00
16	185.00	Samsung RFV01U-D1A	3	27.752	30.527	0.50	0.75	2.83	303.84	0.000	0.000	138.43	0.00	0.00
17	185.00	RFS	1	27.752	30.527	1.00	1.00	4.06	38.40	0.000	0.000	198.30	0.00	0.00
18	185.00	support rail kit	1	27.752	30.527	1.00	1.00	12.25	616.80	0.000	0.000	598.33	0.00	0.00
19	185.00	Low Profile	1	27.752	30.527	1.00	1.00	22.00	1800.00	0.000	0.000	1074.55	0.00	0.00
20	172.50	DC6-48-60-18-8F	3	27.346	30.081	1.00	1.00	2.76	114.48	0.000	0.000	132.84	0.00	0.00
21	172.50	RRUS 4449 B5/B12	3	27.346	30.081	0.50	0.75	2.97	255.60	0.000	0.000	142.93	0.00	0.00
22	172.50	RRUS 8843 B2 B66A	3	27.346	30.081	0.50	0.75	2.47	252.00	0.000	0.000	118.99	0.00	0.00
23	172.50	RRUS 4478 B14	3	27.346	30.081	0.50	0.75	2.49	213.84	0.000	0.000	119.72	0.00	0.00
24	172.50	14.5' Platform	1	27.346	30.081	1.00	1.00	24.80	2400.00	0.000	0.000	1193.61	0.00	0.00
25	172.50	HRK14	1	27.346	30.081	1.00	1.00	8.13	362.83	0.000	0.000	391.29	0.00	0.00
26	172.50	DMP65R-BU6DA	6	27.346	30.081	0.55	0.75	41.75	455.76	0.000	0.000	2009.51	0.00	0.00
27	172.50	ABT-DMDF-ADBH	1	27.346	30.081	0.73	0.75	0.04	1.32	0.000	0.000	1.77	0.00	0.00
28	160.00	LNX-6515DS-A1M	3	26.917	29.608	0.64	0.80	22.02	179.28	0.000	0.000	1043.27	0.00	0.00
29	160.00	APX16DWV-16DWVS-E-A	3	26.917	29.608	0.50	0.80	9.84	146.52	0.000	0.000	465.95	0.00	0.00
30	160.00	RRUS 11 (Band 4)	3	26.917	29.608	0.54	0.80	4.05	158.40	0.000	0.000	191.96	0.00	0.00
31	160.00	T-Arms	3	26.917	29.608	0.56	0.75	13.50	1260.00	0.000	0.000	639.54	0.00	0.00
32	160.00	15" x 14" x 7.5" RRU (70	3	26.917	29.608	0.54	0.80	2.81	252.00	0.000	0.000	133.31	0.00	0.00
33	160.00	RRUS 11 (Band 12)	3	26.917	29.608	0.54	0.80	4.05	158.40	0.000	0.000	191.96	0.00	0.00
34	160.00	RRUS 11	3	26.917	29.608	0.54	0.80	4.05	183.60	0.000	0.000	191.96	0.00	0.00
35	160.00	96" x 15.6" x 9"	3	26.917	29.608	0.66	0.80	27.89	648.00	0.000	0.000	1321.07	0.00	0.00
36	50.00	58532A GPS	1	21.070	23.177	1.00	1.00	0.22	0.48	0.000	0.000	8.16	0.00	0.00
							Totals:		**13,478.11**			**17,562.40**		

Total Applied Force Summary

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (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 27

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		448.00	2018.47	0.00	0.00
10.00		440.50	1987.81	0.00	0.00
15.00		433.00	1957.14	0.00	0.00
20.00		451.47	1926.48	0.00	0.00
25.00		464.85	1895.82	0.00	0.00
30.00		474.37	1865.15	0.00	0.00
35.00		481.06	1834.49	0.00	0.00
40.00		485.57	1803.83	0.00	0.00
45.00		488.32	1773.17	0.00	0.00
46.66		161.59	583.08	0.00	0.00
50.00	(1) attachments	339.78	2073.49	0.00	0.00
53.33		331.14	2042.70	0.00	0.00
55.00		165.50	514.34	0.00	0.00
60.00		498.00	1522.05	0.00	0.00
65.00		496.26	1495.22	0.00	0.00
70.00		493.70	1468.39	0.00	0.00
75.00		490.41	1441.56	0.00	0.00
80.00		486.47	1414.73	0.00	0.00
85.00		481.92	1387.90	0.00	0.00
90.00		476.83	1361.07	0.00	0.00
94.17		392.74	1113.73	0.00	0.00
95.00		79.23	383.92	0.00	0.00
99.83		458.26	2199.43	0.00	0.00
100.00		15.62	38.61	0.00	0.00
105.00		467.65	1146.27	0.00	0.00
110.00		460.86	1123.28	0.00	0.00
115.00		453.69	1100.28	0.00	0.00
120.00		446.17	1077.28	0.00	0.00
125.00		438.32	1054.28	0.00	0.00
130.00		430.15	1031.29	0.00	0.00
135.00		421.68	1008.29	0.00	0.00
140.00		412.94	985.29	0.00	0.00
142.71		219.96	525.06	0.00	0.00
145.00		186.15	671.70	0.00	0.00
147.30		185.03	666.57	0.00	0.00
150.00		215.34	378.58	0.00	0.00
155.00		391.61	688.40	0.00	0.00
160.00	(24) attachments	4560.93	3659.27	0.00	0.00
165.00		371.98	644.54	0.00	0.00
170.00		361.84	629.21	0.00	0.00
172.50	(21) attachments	4287.43	4364.69	0.00	0.00
175.00		174.17	279.25	0.00	0.00
180.00		340.94	547.01	0.00	0.00
185.00	(24) attachments	5521.54	4428.80	0.00	58.68
190.00		319.27	401.74	0.00	0.00
193.50	(23) attachments	4289.93	2810.58	0.00	8867.59

Total Applied Force Summary

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 13

Tower Engineering Solutions

Totals:	**34,492.20**	**65,324.23**	**0.00**	**8,926.27**

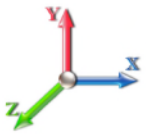
Calculated Forces

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 14	

Load Case: 1.2D + 1.6W 89 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.60



Iterations 27

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	-65.26	-34.60	0.00	-5051.4	0.00	5051.44	6408.64	3204.32	14863.6	7442.88	0.00	0.000	0.000	0.689
5.00	-63.13	-34.37	0.00	-4878.4	0.00	4878.42	6332.44	3166.22	14438.7	7230.12	0.10	-0.195	0.000	0.685
10.00	-61.02	-34.13	0.00	-4706.5	0.00	4706.57	6255.18	3127.59	14017.4	7019.15	0.42	-0.394	0.000	0.680
15.00	-58.95	-33.89	0.00	-4535.9	0.00	4535.91	6176.86	3088.43	13599.8	6810.05	0.93	-0.595	0.000	0.676
20.00	-56.91	-33.62	0.00	-4366.4	0.00	4366.46	6097.47	3048.74	13186.1	6602.88	1.67	-0.799	0.000	0.671
25.00	-54.90	-33.33	0.00	-4198.3	0.00	4198.36	6017.03	3008.51	12776.3	6397.69	2.62	-1.007	0.000	0.665
30.00	-52.92	-33.01	0.00	-4031.7	0.00	4031.72	5935.52	2967.76	12370.7	6194.55	3.78	-1.217	0.000	0.660
35.00	-50.98	-32.68	0.00	-3866.6	0.00	3866.66	5852.95	2926.48	11969.2	5993.52	5.17	-1.431	0.000	0.654
40.00	-49.07	-32.33	0.00	-3703.2	0.00	3703.26	5768.82	2884.41	11571.1	5794.16	6.78	-1.647	0.000	0.648
45.00	-47.23	-31.91	0.00	-3541.5	0.00	3541.59	5657.24	2828.62	11125.6	5571.07	8.63	-1.867	0.000	0.644
46.66	-46.59	-31.82	0.00	-3488.5	0.00	3488.51	5620.12	2810.06	10979.3	5497.83	9.29	-1.942	0.000	0.643
50.00	-44.44	-31.53	0.00	-3382.3	0.00	3382.33	5545.66	2772.83	10688.8	5352.37	10.70	-2.092	0.000	0.640
53.33	-42.35	-31.20	0.00	-3277.3	0.00	3277.35	4757.51	2378.75	9242.35	4628.04	12.21	-2.243	0.000	0.717
55.00	-41.76	-31.14	0.00	-3225.2	0.00	3225.24	4734.55	2367.28	9135.77	4574.68	13.01	-2.320	0.000	0.714
60.00	-40.13	-30.75	0.00	-3069.5	0.00	3069.56	4665.11	2332.55	8818.95	4416.03	15.57	-2.565	0.000	0.704
65.00	-38.52	-30.35	0.00	-2915.8	0.00	2915.83	4594.60	2297.30	8505.61	4259.13	18.39	-2.813	0.000	0.693
70.00	-36.95	-29.94	0.00	-2764.0	0.00	2764.09	4523.04	2261.52	8195.87	4104.03	21.47	-3.064	0.000	0.682
75.00	-35.41	-29.53	0.00	-2614.3	0.00	2614.37	4450.41	2225.20	7889.86	3950.80	24.81	-3.317	0.000	0.670
80.00	-33.90	-29.11	0.00	-2466.7	0.00	2466.73	4363.37	2181.68	7564.56	3787.90	28.42	-3.571	0.000	0.659
85.00	-32.41	-28.69	0.00	-2321.1	0.00	2321.17	4265.74	2132.87	7228.13	3619.44	32.29	-3.828	0.000	0.649
90.00	-30.97	-28.25	0.00	-2177.7	0.00	2177.74	4168.10	2084.05	6899.36	3454.81	36.44	-4.086	0.000	0.638
94.17	-29.83	-27.84	0.00	-2060.0	0.00	2060.06	4086.74	2043.37	6631.22	3320.54	40.10	-4.303	0.000	0.628
95.00	-29.38	-27.81	0.00	-2036.8	0.00	2036.86	4070.47	2035.23	6578.23	3294.01	40.85	-4.348	0.000	0.626
99.83	-27.16	-27.24	0.00	-1902.4	0.00	1902.45	3418.29	1709.14	5518.43	2763.32	45.38	-4.599	0.000	0.697
100.00	-27.05	-27.29	0.00	-1897.9	0.00	1897.91	3416.28	1708.14	5510.73	2759.46	45.54	-4.608	0.000	0.696
105.00	-25.82	-26.86	0.00	-1761.4	0.00	1761.45	3355.57	1677.79	5281.30	2644.58	50.51	-4.893	0.000	0.674
110.00	-24.61	-26.42	0.00	-1627.1	0.00	1627.15	3293.81	1646.90	5055.01	2531.26	55.78	-5.176	0.000	0.651
115.00	-23.43	-25.99	0.00	-1495.0	0.00	1495.03	3226.08	1613.04	4824.64	2415.91	61.35	-5.458	0.000	0.626
120.00	-22.28	-25.54	0.00	-1365.1	0.00	1365.11	3142.39	1571.20	4576.34	2291.57	67.20	-5.736	0.000	0.603
125.00	-21.15	-25.10	0.00	-1237.3	0.00	1237.39	3058.71	1529.35	4334.61	2170.52	73.35	-6.011	0.000	0.577
130.00	-20.06	-24.66	0.00	-1111.8	0.00	1111.89	2975.02	1487.51	4099.43	2052.76	79.78	-6.279	0.000	0.549
135.00	-19.00	-24.21	0.00	-988.61	0.00	988.61	2891.34	1445.67	3870.81	1938.28	86.48	-6.540	0.000	0.517
140.00	-17.99	-23.74	0.00	-867.57	0.00	867.57	2807.65	1403.83	3648.75	1827.09	93.45	-6.791	0.000	0.482
142.71	-17.44	-23.50	0.00	-803.14	0.00	803.14	2762.24	1381.12	3530.99	1768.12	97.34	-6.925	0.000	0.461
145.00	-16.75	-23.27	0.00	-749.41	0.00	749.41	2723.97	1361.98	3433.25	1719.18	100.67	-7.035	0.000	0.442
147.30	-16.07	-23.03	0.00	-695.97	0.00	695.97	1707.44	853.72	2174.15	1088.69	104.08	-7.143	0.000	0.649
150.00	-15.64	-22.83	0.00	-633.71	0.00	633.71	1688.50	844.25	2114.25	1058.70	108.15	-7.264	0.000	0.609
155.00	-14.90	-22.42	0.00	-519.57	0.00	519.57	1652.64	826.32	2004.58	1003.78	115.89	-7.553	0.000	0.527
160.00	-11.81	-17.46	0.00	-407.46	0.00	407.46	1615.71	807.86	1896.48	949.65	123.92	-7.808	0.000	0.437
165.00	-11.16	-17.04	0.00	-320.15	0.00	320.15	1577.73	788.87	1790.06	896.36	132.19	-8.029	0.000	0.365
170.00	-10.55	-16.62	0.00	-234.92	0.00	234.92	1538.69	769.34	1685.46	843.98	140.68	-8.215	0.000	0.286
172.50	-6.84	-11.76	0.00	-193.37	0.00	193.37	1518.77	759.38	1633.88	818.16	144.99	-8.295	0.000	0.241
175.00	-6.57	-11.56	0.00	-163.97	0.00	163.97	1498.58	749.29	1582.80	792.58	149.34	-8.366	0.000	0.212
180.00	-6.06	-11.15	0.00	-106.18	0.00	106.18	1457.41	728.71	1482.21	742.21	158.13	-8.478	0.000	0.147
185.00	-2.49	-5.04	0.00	-50.37	0.00	50.37	1406.50	703.25	1375.31	688.68	167.02	-8.551	0.000	0.075
190.00	-2.14	-4.66	0.00	-25.18	0.00	25.18	1350.71	675.36	1267.83	634.86	175.96	-8.590	0.000	0.041
193.50	0.00	-4.29	0.00	-8.87	0.00	8.87	1311.66	655.83	1195.19	598.48	182.24	-8.604	0.000	0.015

Calculated Forces

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 15

Wind Loading - Shaft

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (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 27

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	395.77	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	389.20	0.650	0.000	5.00	23.916	15.55	448.0	0.0	1361.5
10.00		1.00	0.85	16.374	18.01	382.63	0.650	0.000	5.00	23.516	15.29	440.5	0.0	1338.5
15.00		1.00	0.85	16.374	18.01	376.06	0.650	0.000	5.00	23.115	15.02	433.0	0.0	1315.5
20.00		1.00	0.90	17.374	19.11	380.59	0.650	0.000	5.00	22.715	14.76	451.5	0.0	1292.5
25.00		1.00	0.95	18.209	20.03	382.71	0.650	0.000	5.00	22.315	14.50	464.8	0.0	1269.5
30.00		1.00	0.98	18.922	20.81	383.06	0.650	0.000	5.00	21.914	14.24	474.4	0.0	1246.5
35.00		1.00	1.01	19.546	21.50	382.15	0.650	0.000	5.00	21.514	13.98	481.1	0.0	1223.5
40.00		1.00	1.04	20.103	22.11	380.28	0.650	0.000	5.00	21.113	13.72	485.6	0.0	1200.5
45.00		1.00	1.07	20.608	22.67	377.65	0.650	0.000	5.00	20.713	13.46	488.3	0.0	1177.5
46.66	Bot - Section 2	1.00	1.08	20.766	22.84	376.63	0.650	0.000	1.66	6.802	4.42	161.6	0.0	386.6
50.00	Appurtenance(s)	1.00	1.09	21.070	23.18	374.41	0.650	0.000	3.34	13.758	8.94	331.6	0.0	1453.1
53.33	Top - Section 1	1.00	1.11	21.358	23.49	371.96	0.650	0.000	3.33	13.553	8.81	331.1	0.0	1431.0
55.00		1.00	1.12	21.497	23.65	377.62	0.650	0.000	1.67	6.730	4.37	165.5	0.0	335.1
60.00		1.00	1.14	21.895	24.08	373.49	0.650	0.000	5.00	19.882	12.92	498.0	0.0	989.9
65.00		1.00	1.16	22.267	24.49	368.99	0.650	0.000	5.00	19.481	12.66	496.3	0.0	969.7
70.00		1.00	1.17	22.617	24.88	364.16	0.650	0.000	5.00	19.081	12.40	493.7	0.0	949.6
75.00		1.00	1.19	22.948	25.24	359.03	0.650	0.000	5.00	18.681	12.14	490.4	0.0	929.5
80.00		1.00	1.21	23.262	25.59	353.65	0.650	0.000	5.00	18.280	11.88	486.5	0.0	909.4
85.00		1.00	1.22	23.561	25.92	348.03	0.650	0.000	5.00	17.880	11.62	481.9	0.0	889.2
90.00		1.00	1.24	23.846	26.23	342.20	0.650	0.000	5.00	17.479	11.36	476.8	0.0	869.1
94.17	Bot - Section 3	1.00	1.25	24.074	26.48	337.19	0.650	0.000	4.17	14.260	9.27	392.7	0.0	708.9
95.00		1.00	1.25	24.119	26.53	336.18	0.650	0.000	0.83	2.872	1.87	79.2	0.0	262.7
99.83	Top - Section 2	1.00	1.27	24.372	26.81	330.19	0.650	0.000	4.83	16.436	10.68	458.3	0.0	1503.0
100.00		1.00	1.27	24.381	26.82	336.33	0.650	0.000	0.17	0.560	0.36	15.6	0.0	23.9
105.00		1.00	1.28	24.632	27.10	330.01	0.650	0.000	5.00	16.596	10.79	467.7	0.0	708.0
110.00		1.00	1.29	24.875	27.36	323.53	0.650	0.000	5.00	16.195	10.53	460.9	0.0	690.8
115.00		1.00	1.30	25.109	27.62	316.91	0.650	0.000	5.00	15.795	10.27	453.7	0.0	673.5
120.00		1.00	1.32	25.335	27.87	310.16	0.650	0.000	5.00	15.394	10.01	446.2	0.0	656.3
125.00		1.00	1.33	25.553	28.11	303.28	0.650	0.000	5.00	14.994	9.75	438.3	0.0	639.0
130.00		1.00	1.34	25.765	28.34	296.30	0.650	0.000	5.00	14.593	9.49	430.1	0.0	621.8
135.00		1.00	1.35	25.971	28.57	289.20	0.650	0.000	5.00	14.193	9.23	421.7	0.0	604.5
140.00		1.00	1.36	26.170	28.79	282.00	0.650	0.000	5.00	13.793	8.97	412.9	0.0	587.3
142.71	Bot - Section 4	1.00	1.36	26.276	28.90	278.05	0.650	0.000	2.71	7.317	4.76	220.0	0.0	311.5
145.00		1.00	1.37	26.364	29.00	274.71	0.650	0.000	2.29	6.172	4.01	186.1	0.0	434.4
147.30	Top - Section 3	1.00	1.37	26.452	29.10	271.33	0.650	0.000	2.30	6.114	3.97	185.0	0.0	430.3
150.00		1.00	1.38	26.553	29.21	271.74	0.650	0.000	2.70	7.089	4.61	215.3	0.0	201.9
155.00		1.00	1.39	26.737	29.41	264.29	0.650	0.000	5.00	12.803	8.32	391.6	0.0	364.6
160.00	Appurtenance(s)	1.00	1.40	26.917	29.61	256.74	0.650	0.000	5.00	12.403	8.06	381.9	0.0	353.1
165.00		1.00	1.41	27.091	29.80	249.13	0.650	0.000	5.00	12.002	7.80	372.0	0.0	341.6
170.00		1.00	1.42	27.262	29.99	241.43	0.650	0.000	5.00	11.602	7.54	361.8	0.0	330.1
172.50	Appurtenance(s)	1.00	1.42	27.346	30.08	237.56	0.650	0.000	2.50	5.651	3.67	176.8	0.0	160.8
175.00		1.00	1.42	27.429	30.17	233.66	0.650	0.000	2.50	5.551	3.61	174.2	0.0	157.9
180.00		1.00	1.43	27.592	30.35	225.83	0.650	0.000	5.00	10.801	7.02	340.9	0.0	307.1
185.00	Appurtenance(s)	1.00	1.44	27.752	30.53	217.93	0.650	0.000	5.00	10.401	6.76	330.2	0.0	295.6
190.00		1.00	1.45	27.908	30.70	209.96	0.650	0.000	5.00	10.000	6.50	319.3	0.0	284.1
193.50	Appurtenance(s)	1.00	1.45	28.016	30.82	204.35	0.650	0.000	3.50	6.762	4.40	216.7	0.0	192.1

Wind Loading - Shaft

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 17

Totals:	**193.50**	**16,929.8**	**33,382.3**

Discrete Appurtenance Forces

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (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 27

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	193.50	800 MHz Filter	3	28.061	30.867	1.00	1.00	1.26	23.76	0.000	1.500	62.23	0.00	93.34
2	193.50	TD-RRH8x20-25	3	28.091	30.901	0.67	1.00	8.14	189.00	0.000	2.500	402.47	0.00	1006.18
3	193.50	800 MHz RRH	3	28.091	30.901	0.67	1.00	5.00	143.10	0.000	2.500	247.45	0.00	618.62
4	193.50	1900MHz RRH	3	28.091	30.901	0.67	1.00	7.64	162.00	0.000	2.500	377.63	0.00	944.07
5	193.50	APXVTM14-C-120	3	28.091	30.901	0.79	1.00	15.03	153.90	0.000	2.500	742.89	0.00	1857.22
6	193.50	APXVSPP18-C-A20	3	28.091	30.901	0.83	1.00	19.97	148.50	0.000	2.500	987.33	0.00	2468.31
7	193.50	Low Profile Platform	1	28.061	30.867	1.00	1.00	25.00	1080.00	0.000	1.500	1234.69	0.00	1852.04
8	193.50	ACU-A20-N	4	28.061	30.867	0.67	1.00	0.38	3.60	0.000	1.500	18.53	0.00	27.80
9	185.00	Commscope	6	27.752	30.527	0.63	0.75	43.05	278.64	0.000	0.000	2102.91	0.00	0.00
10	185.00	Samsung MT6407-77A	3	27.752	30.527	0.52	0.75	7.39	214.38	0.000	0.000	360.79	0.00	0.00
11	185.00	Commscope	3	27.752	30.527	0.38	0.75	1.66	21.33	0.000	0.000	81.32	0.00	0.00
12	185.00	GPS	1	27.752	30.527	1.00	1.00	1.00	9.00	0.000	0.000	48.84	0.00	0.00
13	185.00	FPA5250	1	27.783	30.562	1.00	1.00	1.20	9.00	0.000	1.000	58.68	0.00	58.68
14	185.00	kicker kit	1	27.752	30.527	1.00	1.00	8.00	131.40	0.000	0.000	390.75	0.00	0.00
15	185.00	Samsung RFV01U-D2A	3	27.752	30.527	0.50	0.75	2.83	189.81	0.000	0.000	138.43	0.00	0.00
16	185.00	Samsung RFV01U-D1A	3	27.752	30.527	0.50	0.75	2.83	227.88	0.000	0.000	138.43	0.00	0.00
17	185.00	RFS	1	27.752	30.527	1.00	1.00	4.06	28.80	0.000	0.000	198.30	0.00	0.00
18	185.00	support rail kit	1	27.752	30.527	1.00	1.00	12.25	462.60	0.000	0.000	598.33	0.00	0.00
19	185.00	Low Profile	1	27.752	30.527	1.00	1.00	22.00	1350.00	0.000	0.000	1074.55	0.00	0.00
20	172.50	DC6-48-60-18-8F	3	27.346	30.081	1.00	1.00	2.76	85.86	0.000	0.000	132.84	0.00	0.00
21	172.50	RRUS 4449 B5/B12	3	27.346	30.081	0.50	0.75	2.97	191.70	0.000	0.000	142.93	0.00	0.00
22	172.50	RRUS 8843 B2 B66A	3	27.346	30.081	0.50	0.75	2.47	189.00	0.000	0.000	118.99	0.00	0.00
23	172.50	RRUS 4478 B14	3	27.346	30.081	0.50	0.75	2.49	160.38	0.000	0.000	119.72	0.00	0.00
24	172.50	14.5' Platform	1	27.346	30.081	1.00	1.00	24.80	1800.00	0.000	0.000	1193.61	0.00	0.00
25	172.50	HRK14	1	27.346	30.081	1.00	1.00	8.13	272.12	0.000	0.000	391.29	0.00	0.00
26	172.50	DMP65R-BU6DA	6	27.346	30.081	0.55	0.75	41.75	341.82	0.000	0.000	2009.51	0.00	0.00
27	172.50	ABT-DMDF-ADBH	1	27.346	30.081	0.73	0.75	0.04	0.99	0.000	0.000	1.77	0.00	0.00
28	160.00	LNX-6515DS-A1M	3	26.917	29.608	0.64	0.80	22.02	134.46	0.000	0.000	1043.27	0.00	0.00
29	160.00	APX16DWV-16DWVS-E-A	3	26.917	29.608	0.50	0.80	9.84	109.89	0.000	0.000	465.95	0.00	0.00
30	160.00	RRUS 11 (Band 4)	3	26.917	29.608	0.54	0.80	4.05	118.80	0.000	0.000	191.96	0.00	0.00
31	160.00	T-Arms	3	26.917	29.608	0.56	0.75	13.50	945.00	0.000	0.000	639.54	0.00	0.00
32	160.00	15" x 14" x 7.5" RRU (70	3	26.917	29.608	0.54	0.80	2.81	189.00	0.000	0.000	133.31	0.00	0.00
33	160.00	RRUS 11 (Band 12)	3	26.917	29.608	0.54	0.80	4.05	118.80	0.000	0.000	191.96	0.00	0.00
34	160.00	RRUS 11	3	26.917	29.608	0.54	0.80	4.05	137.70	0.000	0.000	191.96	0.00	0.00
35	160.00	96" x 15.6" x 9"	3	26.917	29.608	0.66	0.80	27.89	486.00	0.000	0.000	1321.07	0.00	0.00
36	50.00	58532A GPS	1	21.070	23.177	1.00	1.00	0.22	0.36	0.000	0.000	8.16	0.00	0.00
							Totals:		**10,108.58**			**17,562.40**		

Total Applied Force Summary

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 19

Tower Engineering Solutions

Load Case: 0.9D + 1.6W 89 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.60

Iterations 27

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		448.00	1513.85	0.00	0.00
10.00		440.50	1490.85	0.00	0.00
15.00		433.00	1467.86	0.00	0.00
20.00		451.47	1444.86	0.00	0.00
25.00		464.85	1421.86	0.00	0.00
30.00		474.37	1398.87	0.00	0.00
35.00		481.06	1375.87	0.00	0.00
40.00		485.57	1352.87	0.00	0.00
45.00		488.32	1329.87	0.00	0.00
46.66		161.59	437.31	0.00	0.00
50.00	(1) attachments	339.78	1555.12	0.00	0.00
53.33		331.14	1532.03	0.00	0.00
55.00		165.50	385.76	0.00	0.00
60.00		498.00	1141.54	0.00	0.00
65.00		496.26	1121.41	0.00	0.00
70.00		493.70	1101.29	0.00	0.00
75.00		490.41	1081.17	0.00	0.00
80.00		486.47	1061.05	0.00	0.00
85.00		481.92	1040.92	0.00	0.00
90.00		476.83	1020.80	0.00	0.00
94.17		392.74	835.30	0.00	0.00
95.00		79.23	287.94	0.00	0.00
99.83		458.26	1649.57	0.00	0.00
100.00		15.62	28.95	0.00	0.00
105.00		467.65	859.70	0.00	0.00
110.00		460.86	842.46	0.00	0.00
115.00		453.69	825.21	0.00	0.00
120.00		446.17	807.96	0.00	0.00
125.00		438.32	790.71	0.00	0.00
130.00		430.15	773.47	0.00	0.00
135.00		421.68	756.22	0.00	0.00
140.00		412.94	738.97	0.00	0.00
142.71		219.96	393.79	0.00	0.00
145.00		186.15	503.77	0.00	0.00
147.30		185.03	499.92	0.00	0.00
150.00		215.34	283.94	0.00	0.00
155.00		391.61	516.30	0.00	0.00
160.00	(24) attachments	4560.93	2744.45	0.00	0.00
165.00		371.98	483.41	0.00	0.00
170.00		361.84	471.91	0.00	0.00
172.50	(21) attachments	4287.43	3273.52	0.00	0.00
175.00		174.17	209.44	0.00	0.00
180.00		340.94	410.26	0.00	0.00
185.00	(24) attachments	5521.54	3321.60	0.00	58.68
190.00		319.27	301.31	0.00	0.00
193.50	(23) attachments	4289.93	2107.93	0.00	8867.59

Total Applied Force Summary

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 20

Tower Engineering Solutions

Totals:	**34,492.20**	**48,993.17**	**0.00**	**8,926.27**

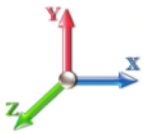
Calculated Forces

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 21	

Load Case: 0.9D + 1.6W 89 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.60



Iterations 27

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	-48.93	-34.58	0.00	-4959.7	0.00	4959.77	6408.64	3204.32	14863.6	7442.88	0.00	0.000	0.000	0.674
5.00	-47.31	-34.28	0.00	-4786.9	0.00	4786.90	6332.44	3166.22	14438.7	7230.12	0.10	-0.192	0.000	0.670
10.00	-45.70	-33.99	0.00	-4615.4	0.00	4615.48	6255.18	3127.59	14017.4	7019.15	0.41	-0.386	0.000	0.665
15.00	-44.12	-33.70	0.00	-4445.5	0.00	4445.52	6176.86	3088.43	13599.8	6810.05	0.92	-0.584	0.000	0.660
20.00	-42.56	-33.38	0.00	-4277.0	0.00	4277.02	6097.47	3048.74	13186.1	6602.88	1.64	-0.784	0.000	0.655
25.00	-41.03	-33.04	0.00	-4110.1	0.00	4110.12	6017.03	3008.51	12776.3	6397.69	2.57	-0.987	0.000	0.649
30.00	-39.52	-32.68	0.00	-3944.9	0.00	3944.91	5935.52	2967.76	12370.7	6194.55	3.71	-1.193	0.000	0.644
35.00	-38.04	-32.31	0.00	-3781.4	0.00	3781.49	5852.95	2926.48	11969.2	5993.52	5.07	-1.402	0.000	0.638
40.00	-36.58	-31.93	0.00	-3619.9	0.00	3619.94	5768.82	2884.41	11571.1	5794.16	6.65	-1.613	0.000	0.631
45.00	-35.19	-31.49	0.00	-3460.3	0.00	3460.30	5657.24	2828.62	11125.6	5571.07	8.46	-1.828	0.000	0.627
46.66	-34.70	-31.38	0.00	-3407.9	0.00	3407.93	5620.12	2810.06	10979.3	5497.83	9.11	-1.901	0.000	0.626
50.00	-33.08	-31.07	0.00	-3303.2	0.00	3303.23	5545.66	2772.83	10688.8	5352.37	10.49	-2.048	0.000	0.623
53.33	-31.50	-30.74	0.00	-3199.7	0.00	3199.77	4757.51	2378.75	9242.35	4628.04	11.97	-2.196	0.000	0.698
55.00	-31.03	-30.65	0.00	-3148.4	0.00	3148.43	4734.55	2367.28	9135.77	4574.68	12.75	-2.271	0.000	0.695
60.00	-29.79	-30.23	0.00	-2995.1	0.00	2995.19	4665.11	2332.55	8818.95	4416.03	15.25	-2.510	0.000	0.685
65.00	-28.56	-29.80	0.00	-2844.0	0.00	2844.05	4594.60	2297.30	8505.61	4259.13	18.01	-2.752	0.000	0.674
70.00	-27.36	-29.37	0.00	-2695.0	0.00	2695.03	4523.04	2261.52	8195.87	4104.03	21.02	-2.996	0.000	0.663
75.00	-26.19	-28.94	0.00	-2548.1	0.00	2548.17	4450.41	2225.20	7889.86	3950.80	24.29	-3.243	0.000	0.651
80.00	-25.03	-28.50	0.00	-2403.4	0.00	2403.49	4363.37	2181.68	7564.56	3787.90	27.82	-3.491	0.000	0.640
85.00	-23.90	-28.06	0.00	-2261.0	0.00	2261.00	4265.74	2132.87	7228.13	3619.44	31.61	-3.741	0.000	0.630
90.00	-22.80	-27.60	0.00	-2120.7	0.00	2120.72	4168.10	2084.05	6899.36	3454.81	35.66	-3.992	0.000	0.619
94.17	-21.94	-27.20	0.00	-2005.7	0.00	2005.70	4086.74	2043.37	6631.22	3320.54	39.23	-4.204	0.000	0.610
95.00	-21.59	-27.16	0.00	-1983.0	0.00	1983.03	4070.47	2035.23	6578.23	3294.01	39.97	-4.247	0.000	0.607
99.83	-19.92	-26.62	0.00	-1851.7	0.00	1851.78	3418.29	1709.14	5518.43	2763.32	44.39	-4.492	0.000	0.676
100.00	-19.82	-26.65	0.00	-1847.3	0.00	1847.35	3416.28	1708.14	5510.73	2759.46	44.55	-4.500	0.000	0.676
105.00	-18.88	-26.20	0.00	-1714.1	0.00	1714.10	3355.57	1677.79	5281.30	2644.58	49.40	-4.777	0.000	0.654
110.00	-17.96	-25.76	0.00	-1583.0	0.00	1583.08	3293.81	1646.90	5055.01	2531.26	54.55	-5.053	0.000	0.631
115.00	-17.05	-25.31	0.00	-1454.2	0.00	1454.28	3226.08	1613.04	4824.64	2415.91	59.98	-5.327	0.000	0.607
120.00	-16.18	-24.87	0.00	-1327.7	0.00	1327.71	3142.39	1571.20	4576.34	2291.57	65.70	-5.598	0.000	0.585
125.00	-15.32	-24.43	0.00	-1203.3	0.00	1203.36	3058.71	1529.35	4334.61	2170.52	71.70	-5.865	0.000	0.560
130.00	-14.49	-23.98	0.00	-1081.2	0.00	1081.24	2975.02	1487.51	4099.43	2052.76	77.97	-6.126	0.000	0.532
135.00	-13.68	-23.54	0.00	-961.33	0.00	961.33	2891.34	1445.67	3870.81	1938.28	84.51	-6.380	0.000	0.501
140.00	-12.92	-23.09	0.00	-843.63	0.00	843.63	2807.65	1403.83	3648.75	1827.09	91.31	-6.624	0.000	0.467
142.71	-12.51	-22.85	0.00	-780.98	0.00	780.98	2762.24	1381.12	3530.99	1768.12	95.10	-6.754	0.000	0.447
145.00	-11.99	-22.63	0.00	-728.73	0.00	728.73	2723.97	1361.98	3433.25	1719.18	98.36	-6.862	0.000	0.429
147.30	-11.47	-22.41	0.00	-676.76	0.00	676.76	1707.44	853.72	2174.15	1088.69	101.67	-6.966	0.000	0.629
150.00	-11.13	-22.20	0.00	-616.19	0.00	616.19	1688.50	844.25	2114.25	1058.70	105.64	-7.084	0.000	0.589
155.00	-10.57	-21.79	0.00	-505.20	0.00	505.20	1652.64	826.32	2004.58	1003.78	113.20	-7.365	0.000	0.510
160.00	-8.38	-16.95	0.00	-396.24	0.00	396.24	1615.71	807.86	1896.48	949.65	121.03	-7.613	0.000	0.423
165.00	-7.89	-16.54	0.00	-311.51	0.00	311.51	1577.73	788.87	1790.06	896.36	129.09	-7.828	0.000	0.353
170.00	-7.44	-16.13	0.00	-228.80	0.00	228.80	1538.69	769.34	1685.46	843.98	137.37	-8.009	0.000	0.276
172.50	-4.78	-11.44	0.00	-188.47	0.00	188.47	1518.77	759.38	1633.88	818.16	141.57	-8.087	0.000	0.234
175.00	-4.58	-11.24	0.00	-159.88	0.00	159.88	1498.58	749.29	1582.80	792.58	145.81	-8.156	0.000	0.205
180.00	-4.21	-10.85	0.00	-103.67	0.00	103.67	1457.41	728.71	1482.21	742.21	154.39	-8.265	0.000	0.143
185.00	-1.71	-4.91	0.00	-49.35	0.00	49.35	1406.50	703.25	1375.31	688.68	163.05	-8.336	0.000	0.073
190.00	-1.46	-4.55	0.00	-24.80	0.00	24.80	1350.71	675.36	1267.83	634.86	171.78	-8.375	0.000	0.040
193.50	0.00	-4.29	0.00	-8.87	0.00	8.87	1311.66	655.83	1195.19	598.48	177.90	-8.389	0.000	0.015

Calculated Forces

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 22

Wind Loading - Shaft

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 23	

Load Case: 1.2D + 1.0Di + 1.0Wi 40 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 27

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	3.308	3.64	0.00	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	3.308	3.64	0.00	1.200	1.656	5.00	25.296	30.36	110.4	598.6	2413.9
10.00		1.00	0.85	3.308	3.64	0.00	1.200	1.775	5.00	24.995	29.99	109.1	632.4	2417.0
15.00		1.00	0.85	3.308	3.64	0.00	1.200	1.848	5.00	24.656	29.59	107.6	648.4	2402.4
20.00		1.00	0.90	3.509	3.86	0.00	1.200	1.902	5.00	24.300	29.16	112.6	656.7	2380.0
25.00		1.00	0.95	3.678	4.05	0.00	1.200	1.945	5.00	23.936	28.72	116.2	660.5	2353.1
30.00		1.00	0.98	3.822	4.20	0.00	1.200	1.981	5.00	23.565	28.28	118.9	661.3	2323.3
35.00		1.00	1.01	3.948	4.34	0.00	1.200	2.012	5.00	23.190	27.83	120.9	660.1	2291.4
40.00		1.00	1.04	4.061	4.47	0.00	1.200	2.039	5.00	22.812	27.37	122.3	657.2	2257.8
45.00		1.00	1.07	4.163	4.58	0.00	1.200	2.063	5.00	22.432	26.92	123.3	653.1	2223.0
46.66	Bot - Section 2	1.00	1.08	4.195	4.61	0.00	1.200	2.071	1.66	7.376	8.85	40.8	216.7	732.2
50.00	Appurtenance(s)	1.00	1.09	4.256	4.68	0.00	1.200	2.085	3.34	14.917	17.90	83.8	440.0	2377.4
53.33	Top - Section 1	1.00	1.11	4.314	4.75	0.00	1.200	2.098	3.33	14.717	17.66	83.8	436.5	2344.6
55.00		1.00	1.12	4.342	4.78	0.00	1.200	2.105	1.67	7.316	8.78	41.9	218.2	665.0
60.00		1.00	1.14	4.423	4.86	0.00	1.200	2.123	5.00	21.651	25.98	126.4	646.8	1966.6
65.00		1.00	1.16	4.498	4.95	0.00	1.200	2.140	5.00	21.265	25.52	126.3	639.5	1932.5
70.00		1.00	1.17	4.569	5.03	0.00	1.200	2.156	5.00	20.878	25.05	125.9	631.7	1897.8
75.00		1.00	1.19	4.635	5.10	0.00	1.200	2.171	5.00	20.490	24.59	125.4	623.4	1862.7
80.00		1.00	1.21	4.699	5.17	0.00	1.200	2.185	5.00	20.101	24.12	124.7	614.6	1827.1
85.00		1.00	1.22	4.759	5.24	0.00	1.200	2.198	5.00	19.712	23.65	123.8	605.5	1791.2
90.00		1.00	1.24	4.817	5.30	0.00	1.200	2.211	5.00	19.322	23.19	122.9	596.1	1754.9
94.17	Bot - Section 3	1.00	1.25	4.863	5.35	0.00	1.200	2.221	4.17	15.803	18.96	101.4	489.9	1435.1
95.00		1.00	1.25	4.872	5.36	0.00	1.200	2.223	0.83	3.180	3.82	20.5	99.5	449.7
99.83	Top - Section 2	1.00	1.27	4.923	5.42	0.00	1.200	2.234	4.83	18.236	21.88	118.5	567.5	2571.4
100.00		1.00	1.27	4.925	5.42	0.00	1.200	2.234	0.17	0.622	0.75	4.0	19.6	51.4
105.00		1.00	1.28	4.976	5.47	0.00	1.200	2.245	5.00	18.467	22.16	121.3	576.4	1520.4
110.00		1.00	1.29	5.025	5.53	0.00	1.200	2.256	5.00	18.075	21.69	119.9	565.8	1486.9
115.00		1.00	1.30	5.072	5.58	0.00	1.200	2.266	5.00	17.683	21.22	118.4	555.1	1453.1
120.00		1.00	1.32	5.117	5.63	0.00	1.200	2.276	5.00	17.291	20.75	116.8	544.1	1419.1
125.00		1.00	1.33	5.162	5.68	0.00	1.200	2.285	5.00	16.898	20.28	115.1	532.9	1384.9
130.00		1.00	1.34	5.204	5.72	0.00	1.200	2.294	5.00	16.505	19.81	113.4	521.5	1350.5
135.00		1.00	1.35	5.246	5.77	0.00	1.200	2.303	5.00	16.112	19.33	111.6	509.9	1316.0
140.00		1.00	1.36	5.286	5.81	0.00	1.200	2.311	5.00	15.718	18.86	109.7	498.2	1281.3
142.71	Bot - Section 4	1.00	1.36	5.308	5.84	0.00	1.200	2.315	2.71	8.364	10.04	58.6	266.9	682.2
145.00		1.00	1.37	5.325	5.86	0.00	1.200	2.319	2.29	7.056	8.47	49.6	225.7	804.9
147.30	Top - Section 3	1.00	1.37	5.343	5.88	0.00	1.200	2.323	2.30	7.004	8.40	49.4	224.2	797.9
150.00		1.00	1.38	5.364	5.90	0.00	1.200	2.327	2.70	8.137	9.76	57.6	260.4	529.6
155.00		1.00	1.39	5.401	5.94	0.00	1.200	2.335	5.00	14.748	17.70	105.1	469.4	955.6
160.00	Appurtenance(s)	1.00	1.40	5.437	5.98	0.00	1.200	2.342	5.00	14.354	17.23	103.0	457.1	928.0
165.00		1.00	1.41	5.472	6.02	0.00	1.200	2.349	5.00	13.960	16.75	100.8	444.7	900.2
170.00		1.00	1.42	5.507	6.06	0.00	1.200	2.356	5.00	13.565	16.28	98.6	432.2	872.3
172.50	Appurtenance(s)	1.00	1.42	5.524	6.08	0.00	1.200	2.360	2.50	6.634	7.96	48.4	212.9	427.3
175.00		1.00	1.42	5.541	6.09	0.00	1.200	2.363	2.50	6.535	7.84	47.8	209.8	420.3
180.00		1.00	1.43	5.574	6.13	0.00	1.200	2.370	5.00	12.776	15.33	94.0	406.7	816.3
185.00	Appurtenance(s)	1.00	1.44	5.606	6.17	0.00	1.200	2.376	5.00	12.381	14.86	91.6	393.9	788.0
190.00		1.00	1.45	5.637	6.20	0.00	1.200	2.383	5.00	11.986	14.38	89.2	380.9	759.7
193.50	Appurtenance(s)	1.00	1.45	5.659	6.22	0.00	1.200	2.387	3.50	8.154	9.79	60.9	260.2	516.3

Wind Loading - Shaft

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 24	

Totals:	**193.50**	**4,392.2**	**66,132.4**

Discrete Appurtenance Forces

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 25	

Tower Engineering Solutions

Load Case: 1.2D + 1.0Di + 1.0Wi 40 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 27

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	193.50	800 MHz Filter	3	5.668	6.235	1.00	1.00	2.67	71.45	0.000	1.500	16.67	0.00	25.00
2	193.50	TD-RRH8x20-25	3	5.674	6.242	0.67	1.00	10.45	607.66	0.000	2.500	65.22	0.00	163.05
3	193.50	800 MHz RRH	3	5.674	6.242	0.67	1.00	8.15	430.97	0.000	2.500	50.87	0.00	127.16
4	193.50	1900MHz RRH	3	5.674	6.242	0.67	1.00	11.46	781.20	0.000	2.500	71.53	0.00	178.82
5	193.50	APXVTM14-C-120	3	5.674	6.242	0.82	1.00	19.42	788.84	0.000	2.500	121.24	0.00	303.09
6	193.50	APXVSPP18-C-A20	3	5.674	6.242	0.86	1.00	30.55	727.85	0.000	2.500	190.68	0.00	476.71
7	193.50	Low Profile Platform	1	5.668	6.235	1.00	1.00	53.64	2572.18	0.000	1.500	334.47	0.00	501.70
8	193.50	ACU-A20-N	4	5.668	6.235	0.67	1.00	1.46	23.10	0.000	1.500	9.12	0.00	13.68
9	185.00	Commscope	6	5.606	6.166	0.63	0.75	51.66	2661.10	0.000	0.000	318.58	0.00	0.00
10	185.00	Samsung MT6407-77A	3	5.606	6.166	0.52	0.75	9.45	812.01	0.000	0.000	58.29	0.00	0.00
11	185.00	Commscope	3	5.606	6.166	0.38	0.75	3.02	163.62	0.000	0.000	18.62	0.00	0.00
12	185.00	GPS	1	5.606	6.166	1.00	1.00	1.97	43.92	0.000	0.000	12.14	0.00	0.00
13	185.00	FPA5250	1	5.612	6.173	1.00	1.00	2.19	35.68	0.000	1.000	13.52	0.00	13.52
14	185.00	kicker kit	1	5.606	6.166	1.00	1.00	19.41	388.75	0.000	0.000	119.66	0.00	0.00
15	185.00	Samsung RFV01U-D2A	3	5.606	6.166	0.50	0.75	3.97	416.94	0.000	0.000	24.45	0.00	0.00
16	185.00	Samsung RFV01U-D1A	3	5.606	6.166	0.50	0.75	3.97	407.62	0.000	0.000	24.45	0.00	0.00
17	185.00	RFS	1	5.606	6.166	1.00	1.00	5.18	164.92	0.000	0.000	31.94	0.00	0.00
18	185.00	support rail kit	1	5.606	6.166	1.00	1.00	28.55	1961.35	0.000	0.000	176.06	0.00	0.00
19	185.00	Low Profile	1	5.606	6.166	1.00	1.00	46.05	3282.20	0.000	0.000	283.95	0.00	0.00
20	172.50	DC6-48-60-18-8F	3	5.524	6.076	1.00	1.00	4.54	312.16	0.000	0.000	27.57	0.00	0.00
21	172.50	RRUS 4449 B5/B12	3	5.524	6.076	0.50	0.75	4.09	431.33	0.000	0.000	24.82	0.00	0.00
22	172.50	RRUS 8843 B2 B66A	3	5.524	6.076	0.50	0.75	3.52	404.62	0.000	0.000	21.42	0.00	0.00
23	172.50	RRUS 4478 B14	3	5.524	6.076	0.50	0.75	3.54	353.84	0.000	0.000	21.53	0.00	0.00
24	172.50	14.5' Platform	1	5.524	6.076	1.00	1.00	31.41	4259.70	0.000	0.000	190.83	0.00	0.00
25	172.50	HRK14	1	5.524	6.076	1.00	1.00	18.87	1150.36	0.000	0.000	114.68	0.00	0.00
26	172.50	DMP65R-BU6DA	6	5.524	6.076	0.55	0.75	48.47	2909.40	0.000	0.000	294.50	0.00	0.00
27	172.50	ABT-DMDF-ADBH	1	5.524	6.076	0.73	0.75	0.23	3.64	0.000	0.000	1.39	0.00	0.00
28	160.00	LNX-6515DS-A1M	3	5.437	5.981	0.64	0.80	30.44	906.03	0.000	0.000	182.05	0.00	0.00
29	160.00	APX16DWV-16DWVS-E-A	3	5.437	5.981	0.50	0.80	14.18	517.28	0.000	0.000	84.83	0.00	0.00
30	160.00	RRUS 11 (Band 4)	3	5.437	5.981	0.54	0.80	5.42	366.23	0.000	0.000	32.41	0.00	0.00
31	160.00	T-Arms	3	5.437	5.981	0.56	0.75	29.31	2033.65	0.000	0.000	175.29	0.00	0.00
32	160.00	15" x 14" x 7.5" RRU (70	3	5.437	5.981	0.54	0.80	4.05	534.53	0.000	0.000	24.21	0.00	0.00
33	160.00	RRUS 11 (Band 12)	3	5.437	5.981	0.54	0.80	5.42	366.23	0.000	0.000	32.41	0.00	0.00
34	160.00	RRUS 11	3	5.437	5.981	0.54	0.80	5.42	426.56	0.000	0.000	32.41	0.00	0.00
35	160.00	96" x 15.6" x 9"	3	5.437	5.981	0.66	0.80	32.42	2054.63	0.000	0.000	193.89	0.00	0.00
36	50.00	58532A GPS	1	4.256	4.682	1.00	1.00	0.66	7.64	0.000	0.000	3.10	0.00	0.00
							Totals:		**33,379.20**			**3,398.78**		

Total Applied Force Summary

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 26

Tower Engineering Solutions

Load Case: 1.2D + 1.0Di + 1.0Wi 40 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 27

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		110.44	2617.12	0.00	0.00
10.00		109.13	2620.20	0.00	0.00
15.00		107.64	2605.58	0.00	0.00
20.00		112.57	2583.19	0.00	0.00
25.00		116.21	2556.32	0.00	0.00
30.00		118.89	2526.50	0.00	0.00
35.00		120.86	2494.56	0.00	0.00
40.00		122.28	2461.02	0.00	0.00
45.00		123.26	2426.22	0.00	0.00
46.66		40.84	799.79	0.00	0.00
50.00	(1) attachments	86.91	2520.63	0.00	0.00
53.33		83.81	2479.25	0.00	0.00
55.00		41.93	732.58	0.00	0.00
60.00		126.40	2168.82	0.00	0.00
65.00		126.25	2134.72	0.00	0.00
70.00		125.90	2100.07	0.00	0.00
75.00		125.37	2064.93	0.00	0.00
80.00		124.68	2029.37	0.00	0.00
85.00		123.83	1993.42	0.00	0.00
90.00		122.85	1957.12	0.00	0.00
94.17		101.44	1603.66	0.00	0.00
95.00		20.45	483.37	0.00	0.00
99.83		118.50	2766.89	0.00	0.00
100.00		4.04	58.16	0.00	0.00
105.00		121.29	1722.66	0.00	0.00
110.00		119.88	1689.12	0.00	0.00
115.00		118.38	1655.35	0.00	0.00
120.00		116.80	1621.36	0.00	0.00
125.00		115.13	1587.17	0.00	0.00
130.00		113.39	1552.79	0.00	0.00
135.00		111.57	1518.23	0.00	0.00
140.00		109.68	1483.50	0.00	0.00
142.71		58.60	791.93	0.00	0.00
145.00		49.60	897.43	0.00	0.00
147.30		49.40	890.76	0.00	0.00
150.00		57.61	638.96	0.00	0.00
155.00		105.14	1157.83	0.00	0.00
160.00	(24) attachments	860.51	8335.35	0.00	0.00
165.00		100.84	1089.26	0.00	0.00
170.00		98.61	1061.38	0.00	0.00
172.50	(21) attachments	745.10	10346.83	0.00	0.00
175.00		47.80	489.01	0.00	0.00
180.00		93.99	953.75	0.00	0.00
185.00	(24) attachments	1173.27	11263.66	0.00	13.52
190.00		89.19	782.62	0.00	0.00
193.50	(23) attachments	920.70	6535.56	0.00	1789.22

Total Applied Force Summary

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 27

Tower Engineering Solutions

Totals:	**7,790.98**	**106,848.00**	**0.00**	**1,802.74**

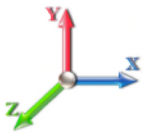
Calculated Forces

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 28	

Load Case: 1.2D + 1.0Di + 1.0Wi 40 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 27

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	-106.8	-7.83	0.00	-1196.3	0.00	1196.31	6408.64	3204.32	14863.6	7442.88	0.00	0.000	0.000	0.177
5.00	-104.2	-7.81	0.00	-1157.1	0.00	1157.13	6332.44	3166.22	14438.7	7230.12	0.02	-0.046	0.000	0.177
10.00	-101.5	-7.78	0.00	-1118.1	0.00	1118.10	6255.18	3127.59	14017.4	7019.15	0.10	-0.093	0.000	0.176
15.00	-98.98	-7.75	0.00	-1079.2	0.00	1079.20	6176.86	3088.43	13599.8	6810.05	0.22	-0.141	0.000	0.175
20.00	-96.39	-7.71	0.00	-1040.4	0.00	1040.45	6097.47	3048.74	13186.1	6602.88	0.40	-0.190	0.000	0.173
25.00	-93.83	-7.67	0.00	-1001.8	0.00	1001.89	6017.03	3008.51	12776.3	6397.69	0.62	-0.239	0.000	0.172
30.00	-91.30	-7.62	0.00	-963.54	0.00	963.54	5935.52	2967.76	12370.7	6194.55	0.90	-0.290	0.000	0.171
35.00	-88.80	-7.56	0.00	-925.45	0.00	925.45	5852.95	2926.48	11969.2	5993.52	1.23	-0.341	0.000	0.170
40.00	-86.33	-7.50	0.00	-887.63	0.00	887.63	5768.82	2884.41	11571.1	5794.16	1.61	-0.393	0.000	0.168
45.00	-83.90	-7.42	0.00	-850.11	0.00	850.11	5657.24	2828.62	11125.6	5571.07	2.05	-0.445	0.000	0.167
46.66	-83.10	-7.41	0.00	-837.78	0.00	837.78	5620.12	2810.06	10979.3	5497.83	2.21	-0.463	0.000	0.167
50.00	-80.57	-7.35	0.00	-813.06	0.00	813.06	5545.66	2772.83	10688.8	5352.37	2.55	-0.499	0.000	0.166
53.33	-78.09	-7.28	0.00	-788.59	0.00	788.59	4757.51	2378.75	9242.35	4628.04	2.91	-0.536	0.000	0.187
55.00	-77.35	-7.29	0.00	-776.43	0.00	776.43	4734.55	2367.28	9135.77	4574.68	3.10	-0.554	0.000	0.186
60.00	-75.18	-7.21	0.00	-740.00	0.00	740.00	4665.11	2332.55	8818.95	4416.03	3.71	-0.613	0.000	0.184
65.00	-73.04	-7.14	0.00	-703.93	0.00	703.93	4594.60	2297.30	8505.61	4259.13	4.39	-0.673	0.000	0.181
70.00	-70.93	-7.06	0.00	-668.23	0.00	668.23	4523.04	2261.52	8195.87	4104.03	5.12	-0.734	0.000	0.179
75.00	-68.86	-6.99	0.00	-632.90	0.00	632.90	4450.41	2225.20	7889.86	3950.80	5.92	-0.795	0.000	0.176
80.00	-66.83	-6.90	0.00	-597.98	0.00	597.98	4363.37	2181.68	7564.56	3787.90	6.79	-0.856	0.000	0.173
85.00	-64.83	-6.82	0.00	-563.46	0.00	563.46	4265.74	2132.87	7228.13	3619.44	7.72	-0.919	0.000	0.171
90.00	-62.87	-6.73	0.00	-529.36	0.00	529.36	4168.10	2084.05	6899.36	3454.81	8.71	-0.981	0.000	0.168
94.17	-61.26	-6.63	0.00	-501.33	0.00	501.33	4086.74	2043.37	6631.22	3320.54	9.59	-1.034	0.000	0.166
95.00	-60.78	-6.64	0.00	-495.80	0.00	495.80	4070.47	2035.23	6578.23	3294.01	9.78	-1.045	0.000	0.165
99.83	-58.01	-6.50	0.00	-463.70	0.00	463.70	3418.29	1709.14	5518.43	2763.32	10.87	-1.106	0.000	0.185
100.00	-57.95	-6.53	0.00	-462.62	0.00	462.62	3416.28	1708.14	5510.73	2759.46	10.90	-1.108	0.000	0.185
105.00	-56.22	-6.45	0.00	-429.95	0.00	429.95	3355.57	1677.79	5281.30	2644.58	12.10	-1.178	0.000	0.179
110.00	-54.52	-6.36	0.00	-397.71	0.00	397.71	3293.81	1646.90	5055.01	2531.26	13.37	-1.247	0.000	0.174
115.00	-52.86	-6.26	0.00	-365.93	0.00	365.93	3226.08	1613.04	4824.64	2415.91	14.72	-1.316	0.000	0.168
120.00	-51.24	-6.17	0.00	-334.61	0.00	334.61	3142.39	1571.20	4576.34	2291.57	16.13	-1.384	0.000	0.162
125.00	-49.65	-6.07	0.00	-303.75	0.00	303.75	3058.71	1529.35	4334.61	2170.52	17.62	-1.451	0.000	0.156
130.00	-48.09	-5.98	0.00	-273.39	0.00	273.39	2975.02	1487.51	4099.43	2052.76	19.17	-1.517	0.000	0.149
135.00	-46.57	-5.87	0.00	-243.51	0.00	243.51	2891.34	1445.67	3870.81	1938.28	20.80	-1.582	0.000	0.142
140.00	-45.09	-5.76	0.00	-214.14	0.00	214.14	2807.65	1403.83	3648.75	1827.09	22.49	-1.644	0.000	0.133
142.71	-44.29	-5.70	0.00	-198.52	0.00	198.52	2762.24	1381.12	3530.99	1768.12	23.43	-1.677	0.000	0.128
145.00	-43.40	-5.65	0.00	-185.48	0.00	185.48	2723.97	1361.98	3433.25	1719.18	24.24	-1.704	0.000	0.124
147.30	-42.50	-5.59	0.00	-172.52	0.00	172.52	1707.44	853.72	2174.15	1088.69	25.07	-1.731	0.000	0.183
150.00	-41.86	-5.55	0.00	-157.40	0.00	157.40	1688.50	844.25	2114.25	1058.70	26.05	-1.761	0.000	0.174
155.00	-40.70	-5.46	0.00	-129.65	0.00	129.65	1652.64	826.32	2004.58	1003.78	27.94	-1.833	0.000	0.154
160.00	-32.39	-4.36	0.00	-102.36	0.00	102.36	1615.71	807.86	1896.48	949.65	29.89	-1.896	0.000	0.128
165.00	-31.30	-4.25	0.00	-80.56	0.00	80.56	1577.73	788.87	1790.06	896.36	31.91	-1.952	0.000	0.110
170.00	-30.25	-4.13	0.00	-59.30	0.00	59.30	1538.69	769.34	1685.46	843.98	33.98	-1.999	0.000	0.090
172.50	-19.93	-3.03	0.00	-48.97	0.00	48.97	1518.77	759.38	1633.88	818.16	35.03	-2.019	0.000	0.073
175.00	-19.44	-2.98	0.00	-41.39	0.00	41.39	1498.58	749.29	1582.80	792.58	36.09	-2.037	0.000	0.065
180.00	-18.49	-2.85	0.00	-26.51	0.00	26.51	1457.41	728.71	1482.21	742.21	38.24	-2.065	0.000	0.048
185.00	-7.28	-1.28	0.00	-12.22	0.00	12.22	1406.50	703.25	1375.31	688.68	40.41	-2.083	0.000	0.023
190.00	-6.50	-1.16	0.00	-5.85	0.00	5.85	1350.71	675.36	1267.83	634.86	42.60	-2.093	0.000	0.014
193.50	0.00	-0.92	0.00	-1.79	0.00	1.79	1311.66	655.83	1195.19	598.48	44.14	-2.096	0.000	0.003

Calculated Forces

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 29

Seismic Segment Forces (Factored)

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 30	

Load Case:	1.2D + 1.0E							**Iterations**	25
Gust Response Factor	1.10				**Sds**	0.19		**Ss**	0.18
Dead Load Factor	1.20	**Seismic Load Factor**	1.00		**Sd1**	0.10		**S1**	0.07
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.25		**SA**	0.03	**Seismic Importance Factor**		1.00

Top Elev (ft)	Description	Wz (lb)	a	b	c	Lateral Fs (lb)	R: 1.50
0.00		0.00	0.00	0.00	0.00	0.00	
5.00		1512.7	0.00	0.03	0.01	28.81	
10.00		1487.1	0.01	0.04	0.03	41.42	
15.00		1461.6	0.01	0.06	0.03	47.66	
20.00		1436.0	0.02	0.06	0.04	50.68	
25.00		1410.5	0.03	0.07	0.04	52.00	
30.00		1384.9	0.05	0.07	0.04	52.46	
35.00		1359.4	0.06	0.07	0.04	52.54	
40.00		1333.8	0.08	0.07	0.04	52.53	
45.00		1308.3	0.10	0.07	0.04	52.52	
46.66	Bot - Section 2	429.57	0.11	0.07	0.04	17.36	
50.00	Appurtenance(s)	1614.9	0.13	0.07	0.03	66.12	
53.33	Top - Section 1	1590.0	0.14	0.07	0.03	65.91	
55.00		372.33	0.15	0.07	0.03	15.52	
60.00		1099.8	0.18	0.06	0.03	46.42	
65.00		1077.4	0.21	0.06	0.02	45.50	
70.00		1055.1	0.25	0.06	0.02	43.65	
75.00		1032.7	0.28	0.05	0.01	40.44	
80.00		1010.4	0.32	0.04	0.01	35.37	
85.00		988.05	0.36	0.03	0.01	28.00	
90.00		965.69	0.41	0.02	0.01	18.15	
94.17	Bot - Section 3	787.67	0.45	0.00	0.01	6.92	
95.00		291.84	0.46	0.00	0.01	1.93	
99.83	Top - Section 2	1669.9	0.50	-0.02	0.01	-11.10	
100.00		26.55	0.50	-0.02	0.01	-0.19	
105.00		786.70	0.56	-0.04	0.01	-16.23	
110.00		767.53	0.61	-0.06	0.02	-24.71	
115.00		748.37	0.67	-0.08	0.02	-30.45	
120.00		729.20	0.73	-0.09	0.04	-33.30	
125.00		710.04	0.79	-0.11	0.05	-33.46	
130.00		690.88	0.85	-0.12	0.07	-31.27	
135.00		671.71	0.92	-0.12	0.10	-27.03	
140.00		652.55	0.99	-0.11	0.13	-21.01	
142.71	Bot - Section 4	346.09	1.03	-0.10	0.15	-9.21	
145.00		482.67	1.06	-0.09	0.16	-10.24	
147.30	Top - Section 3	478.06	1.10	-0.07	0.18	-7.27	
150.00		224.37	1.14	-0.05	0.21	-1.64	
155.00		405.14	1.21	0.02	0.26	3.85	
160.00	Appurtenance(s)	2880.8	1.29	0.11	0.33	84.30	
165.00		379.59	1.37	0.24	0.41	19.75	
170.00		366.81	1.46	0.40	0.50	28.56	
172.50	Appurtenance(s)	3558.4	1.50	0.51	0.55	327.23	
175.00		175.42	1.55	0.62	0.60	18.74	
180.00		341.26	1.64	0.89	0.72	47.43	
185.00	Appurtenance(s)	3576.0	1.73	1.23	0.86	623.61	
190.00		315.71	1.82	1.64	1.02	67.28	

Seismic Segment Forces (Factored)

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 31

193.50	Appurtenance(s)	2328.7	1.89	1.98	1.14	564.12		
		Totals:	**48,323.2**			**2,389.7**	**Total Wind:**	**34,492.2**

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

Calculated Forces

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 32	

Load Case:	1.2D + 1.0E							**Iterations**	25
Gust Response Factor	1.10			**Sds**	0.19			**Ss**	0.18
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.10			**S1**	0.07
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.25	**SA**	0.03	**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	-65.32	-2.66	0.00	-395.65	0.00	395.65	6408.64	3204.32	14863.6	7442.88		0.00	0.00	0.063
5.00	-63.30	-2.64	0.00	-382.37	0.00	382.37	6332.44	3166.22	14438.7	7230.12		0.01	-0.02	0.063
10.00	-61.32	-2.62	0.00	-369.16	0.00	369.16	6255.18	3127.59	14017.4	7019.15		0.03	-0.03	0.062
15.00	-59.36	-2.59	0.00	-356.07	0.00	356.07	6176.86	3088.43	13599.8	6810.05		0.07	-0.05	0.062
20.00	-57.43	-2.55	0.00	-343.15	0.00	343.15	6097.47	3048.74	13186.1	6602.88		0.13	-0.06	0.061
25.00	-55.53	-2.51	0.00	-330.40	0.00	330.40	6017.03	3008.51	12776.3	6397.69		0.21	-0.08	0.061
30.00	-53.67	-2.47	0.00	-317.85	0.00	317.85	5935.52	2967.76	12370.7	6194.55		0.30	-0.10	0.060
35.00	-51.83	-2.43	0.00	-305.50	0.00	305.50	5852.95	2926.48	11969.2	5993.52		0.41	-0.11	0.060
40.00	-50.03	-2.39	0.00	-293.35	0.00	293.35	5768.82	2884.41	11571.1	5794.16		0.53	-0.13	0.059
45.00	-48.26	-2.34	0.00	-281.40	0.00	281.40	5657.24	2828.62	11125.6	5571.07		0.68	-0.15	0.059
46.66	-47.67	-2.33	0.00	-277.51	0.00	277.51	5620.12	2810.06	10979.3	5497.83		0.73	-0.15	0.059
50.00	-45.60	-2.27	0.00	-269.73	0.00	269.73	5545.66	2772.83	10688.8	5352.37		0.84	-0.16	0.059
53.33	-43.56	-2.20	0.00	-262.18	0.00	262.18	4757.51	2378.75	9242.35	4628.04		0.96	-0.18	0.066
55.00	-43.04	-2.20	0.00	-258.50	0.00	258.50	4734.55	2367.28	9135.77	4574.68		1.02	-0.18	0.066
60.00	-41.52	-2.16	0.00	-247.52	0.00	247.52	4665.11	2332.55	8818.95	4416.03		1.23	-0.20	0.065
65.00	-40.02	-2.12	0.00	-236.73	0.00	236.73	4594.60	2297.30	8505.61	4259.13		1.45	-0.22	0.064
70.00	-38.55	-2.09	0.00	-226.12	0.00	226.12	4523.04	2261.52	8195.87	4104.03		1.69	-0.24	0.064
75.00	-37.11	-2.05	0.00	-215.69	0.00	215.69	4450.41	2225.20	7889.86	3950.80		1.96	-0.26	0.063
80.00	-35.70	-2.02	0.00	-205.43	0.00	205.43	4363.37	2181.68	7564.56	3787.90		2.25	-0.29	0.062
85.00	-34.31	-2.00	0.00	-195.31	0.00	195.31	4265.74	2132.87	7228.13	3619.44		2.56	-0.31	0.062
90.00	-32.95	-1.99	0.00	-185.30	0.00	185.30	4168.10	2084.05	6899.36	3454.81		2.89	-0.33	0.062
94.17	-31.83	-1.98	0.00	-177.02	0.00	177.02	4086.74	2043.37	6631.22	3320.54		3.19	-0.35	0.061
95.00	-31.45	-1.98	0.00	-175.37	0.00	175.37	4070.47	2035.23	6578.23	3294.01		3.25	-0.35	0.061
99.83	-29.25	-1.97	0.00	-165.79	0.00	165.79	3418.29	1709.14	5518.43	2763.32		3.61	-0.37	0.069
100.00	-29.21	-1.98	0.00	-165.46	0.00	165.46	3416.28	1708.14	5510.73	2759.46		3.63	-0.37	0.069
105.00	-28.06	-1.99	0.00	-155.55	0.00	155.55	3355.57	1677.79	5281.30	2644.58		4.03	-0.40	0.067
110.00	-26.94	-1.99	0.00	-145.62	0.00	145.62	3293.81	1646.90	5055.01	2531.26		4.46	-0.42	0.066
115.00	-25.84	-1.99	0.00	-135.68	0.00	135.68	3226.08	1613.04	4824.64	2415.91		4.92	-0.45	0.064
120.00	-24.76	-2.00	0.00	-125.71	0.00	125.71	3142.39	1571.20	4576.34	2291.57		5.40	-0.47	0.063
125.00	-23.70	-2.00	0.00	-115.74	0.00	115.74	3058.71	1529.35	4334.61	2170.52		5.91	-0.50	0.061
130.00	-22.67	-2.00	0.00	-105.75	0.00	105.75	2975.02	1487.51	4099.43	2052.76		6.45	-0.53	0.059
135.00	-21.66	-2.00	0.00	-95.77	0.00	95.77	2891.34	1445.67	3870.81	1938.28		7.01	-0.55	0.057
140.00	-20.68	-1.99	0.00	-85.78	0.00	85.78	2807.65	1403.83	3648.75	1827.09		7.60	-0.57	0.054
142.71	-20.15	-1.99	0.00	-80.37	0.00	80.37	2762.24	1381.12	3530.99	1768.12		7.93	-0.59	0.053
145.00	-19.48	-1.99	0.00	-75.81	0.00	75.81	2723.97	1361.98	3433.25	1719.18		8.22	-0.60	0.051
147.30	-18.81	-1.99	0.00	-71.24	0.00	71.24	1707.44	853.72	2174.15	1088.69		8.51	-0.61	0.076
150.00	-18.43	-1.99	0.00	-65.87	0.00	65.87	1688.50	844.25	2114.25	1058.70		8.86	-0.62	0.073
155.00	-17.74	-1.99	0.00	-55.92	0.00	55.92	1652.64	826.32	2004.58	1003.78		9.53	-0.65	0.066
160.00	-14.08	-1.87	0.00	-45.98	0.00	45.98	1615.71	807.86	1896.48	949.65		10.23	-0.68	0.057
165.00	-13.44	-1.85	0.00	-36.64	0.00	36.64	1577.73	788.87	1790.06	896.36		10.95	-0.71	0.049
170.00	-12.81	-1.81	0.00	-27.42	0.00	27.42	1538.69	769.34	1685.46	843.98		11.71	-0.73	0.041
172.50	-8.45	-1.43	0.00	-22.89	0.00	22.89	1518.77	759.38	1633.88	818.16		12.09	-0.74	0.034
175.00	-8.17	-1.41	0.00	-19.31	0.00	19.31	1498.58	749.29	1582.80	792.58		12.48	-0.75	0.030
180.00	-7.62	-1.36	0.00	-12.26	0.00	12.26	1457.41	728.71	1482.21	742.21		13.27	-0.76	0.022
185.00	-3.20	-0.67	0.00	-5.48	0.00	5.48	1406.50	703.25	1375.31	688.68		14.07	-0.77	0.010
190.00	-2.80	-0.60	0.00	-2.11	0.00	2.11	1350.71	675.36	1267.83	634.86		14.87	-0.77	0.005
193.50	0.00	-0.56	0.00	0.00	0.00	0.00	1311.66	655.83	1195.19	598.48		15.44	-0.77	0.000

Calculated Forces

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 33

Seismic Segment Forces (Factored)

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 34	

Load Case:	0.9D + 1.0E							**Iterations**	25
Gust Response Factor	1.10				**Sds**	0.19		**Ss**	0.18
Dead Load Factor	0.90	**Seismic Load Factor**	1.00		**Sd1**	0.10		**S1**	0.07
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.25		**SA**	0.03	**Seismic Importance Factor**		1.00

Top Elev (ft)	Description	Wz (lb)	a	b	c	Lateral Fs (lb)	R: 1.50
0.00		0.00	0.00	0.00	0.00	0.00	
5.00		1512.7	0.00	0.03	0.01	28.81	
10.00		1487.1	0.01	0.04	0.03	41.42	
15.00		1461.6	0.01	0.06	0.03	47.66	
20.00		1436.0	0.02	0.06	0.04	50.68	
25.00		1410.5	0.03	0.07	0.04	52.00	
30.00		1384.9	0.05	0.07	0.04	52.46	
35.00		1359.4	0.06	0.07	0.04	52.54	
40.00		1333.8	0.08	0.07	0.04	52.53	
45.00		1308.3	0.10	0.07	0.04	52.52	
46.66	Bot - Section 2	429.57	0.11	0.07	0.04	17.36	
50.00	Appurtenance(s)	1614.9	0.13	0.07	0.03	66.12	
53.33	Top - Section 1	1590.0	0.14	0.07	0.03	65.91	
55.00		372.33	0.15	0.07	0.03	15.52	
60.00		1099.8	0.18	0.06	0.03	46.42	
65.00		1077.4	0.21	0.06	0.02	45.50	
70.00		1055.1	0.25	0.06	0.02	43.65	
75.00		1032.7	0.28	0.05	0.01	40.44	
80.00		1010.4	0.32	0.04	0.01	35.37	
85.00		988.05	0.36	0.03	0.01	28.00	
90.00		965.69	0.41	0.02	0.01	18.15	
94.17	Bot - Section 3	787.67	0.45	0.00	0.01	6.92	
95.00		291.84	0.46	0.00	0.01	1.93	
99.83	Top - Section 2	1669.9	0.50	-0.02	0.01	-11.10	
100.00		26.55	0.50	-0.02	0.01	-0.19	
105.00		786.70	0.56	-0.04	0.01	-16.23	
110.00		767.53	0.61	-0.06	0.02	-24.71	
115.00		748.37	0.67	-0.08	0.02	-30.45	
120.00		729.20	0.73	-0.09	0.04	-33.30	
125.00		710.04	0.79	-0.11	0.05	-33.46	
130.00		690.88	0.85	-0.12	0.07	-31.27	
135.00		671.71	0.92	-0.12	0.10	-27.03	
140.00		652.55	0.99	-0.11	0.13	-21.01	
142.71	Bot - Section 4	346.09	1.03	-0.10	0.15	-9.21	
145.00		482.67	1.06	-0.09	0.16	-10.24	
147.30	Top - Section 3	478.06	1.10	-0.07	0.18	-7.27	
150.00		224.37	1.14	-0.05	0.21	-1.64	
155.00		405.14	1.21	0.02	0.26	3.85	
160.00	Appurtenance(s)	2880.8	1.29	0.11	0.33	84.30	
165.00		379.59	1.37	0.24	0.41	19.75	
170.00		366.81	1.46	0.40	0.50	28.56	
172.50	Appurtenance(s)	3558.4	1.50	0.51	0.55	327.23	
175.00		175.42	1.55	0.62	0.60	18.74	
180.00		341.26	1.64	0.89	0.72	47.43	
185.00	Appurtenance(s)	3576.0	1.73	1.23	0.86	623.61	
190.00		315.71	1.82	1.64	1.02	67.28	

Seismic Segment Forces (Factored)

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 35

193.50	Appurtenance(s)	2328.7	1.89	1.98	1.14	564.12		
		Totals:	**48,323.2**			**2,389.7**	**Total Wind:**	**34,492.2**

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

Calculated Forces

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 36

Tower Engineering Solutions

Load Case:	0.9D + 1.0E							**Iterations**	25
Gust Response Factor	1.10			**Sds**	0.19			**Ss**	0.18
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.10			**S1**	0.07
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.25	**SA**	0.03	**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	-48.99	-2.65	0.00	-388.02	0.00	388.02	6408.64	3204.32	14863.6	7442.88		0.00	0.00	0.060
5.00	-47.48	-2.64	0.00	-374.76	0.00	374.76	6332.44	3166.22	14438.7	7230.12		0.01	-0.02	0.059
10.00	-45.99	-2.61	0.00	-361.58	0.00	361.58	6255.18	3127.59	14017.4	7019.15		0.03	-0.03	0.059
15.00	-44.52	-2.57	0.00	-348.54	0.00	348.54	6176.86	3088.43	13599.8	6810.05		0.07	-0.05	0.058
20.00	-43.07	-2.53	0.00	-335.69	0.00	335.69	6097.47	3048.74	13186.1	6602.88		0.13	-0.06	0.058
25.00	-41.65	-2.49	0.00	-323.04	0.00	323.04	6017.03	3008.51	12776.3	6397.69		0.20	-0.08	0.057
30.00	-40.25	-2.44	0.00	-310.61	0.00	310.61	5935.52	2967.76	12370.7	6194.55		0.29	-0.09	0.057
35.00	-38.87	-2.40	0.00	-298.38	0.00	298.38	5852.95	2926.48	11969.2	5993.52		0.40	-0.11	0.056
40.00	-37.52	-2.36	0.00	-286.38	0.00	286.38	5768.82	2884.41	11571.1	5794.16		0.52	-0.13	0.056
45.00	-36.19	-2.31	0.00	-274.59	0.00	274.59	5657.24	2828.62	11125.6	5571.07		0.66	-0.14	0.056
46.66	-35.75	-2.30	0.00	-270.75	0.00	270.75	5620.12	2810.06	10979.3	5497.83		0.71	-0.15	0.056
50.00	-34.20	-2.23	0.00	-263.09	0.00	263.09	5545.66	2772.83	10688.8	5352.37		0.82	-0.16	0.055
53.33	-32.67	-2.17	0.00	-255.66	0.00	255.66	4757.51	2378.75	9242.35	4628.04		0.94	-0.17	0.062
55.00	-32.28	-2.16	0.00	-252.04	0.00	252.04	4734.55	2367.28	9135.77	4574.68		1.00	-0.18	0.062
60.00	-31.14	-2.12	0.00	-241.26	0.00	241.26	4665.11	2332.55	8818.95	4416.03		1.20	-0.20	0.061
65.00	-30.02	-2.08	0.00	-230.67	0.00	230.67	4594.60	2297.30	8505.61	4259.13		1.42	-0.22	0.061
70.00	-28.91	-2.04	0.00	-220.28	0.00	220.28	4523.04	2261.52	8195.87	4104.03		1.66	-0.24	0.060
75.00	-27.83	-2.01	0.00	-210.08	0.00	210.08	4450.41	2225.20	7889.86	3950.80		1.92	-0.26	0.059
80.00	-26.77	-1.97	0.00	-200.05	0.00	200.05	4363.37	2181.68	7564.56	3787.90		2.20	-0.28	0.059
85.00	-25.73	-1.95	0.00	-190.18	0.00	190.18	4265.74	2132.87	7228.13	3619.44		2.50	-0.30	0.059
90.00	-24.71	-1.94	0.00	-180.43	0.00	180.43	4168.10	2084.05	6899.36	3454.81		2.82	-0.32	0.058
94.17	-23.87	-1.93	0.00	-172.36	0.00	172.36	4086.74	2043.37	6631.22	3320.54		3.11	-0.34	0.058
95.00	-23.58	-1.93	0.00	-170.76	0.00	170.76	4070.47	2035.23	6578.23	3294.01		3.17	-0.34	0.058
99.83	-21.93	-1.92	0.00	-161.43	0.00	161.43	3418.29	1709.14	5518.43	2763.32		3.53	-0.36	0.065
100.00	-21.90	-1.93	0.00	-161.11	0.00	161.11	3416.28	1708.14	5510.73	2759.46		3.54	-0.36	0.065
105.00	-21.04	-1.93	0.00	-151.47	0.00	151.47	3355.57	1677.79	5281.30	2644.58		3.94	-0.39	0.064
110.00	-20.20	-1.93	0.00	-141.81	0.00	141.81	3293.81	1646.90	5055.01	2531.26		4.36	-0.41	0.062
115.00	-19.37	-1.94	0.00	-132.14	0.00	132.14	3226.08	1613.04	4824.64	2415.91		4.80	-0.44	0.061
120.00	-18.57	-1.94	0.00	-122.45	0.00	122.45	3142.39	1571.20	4576.34	2291.57		5.27	-0.46	0.059
125.00	-17.77	-1.94	0.00	-112.76	0.00	112.76	3058.71	1529.35	4334.61	2170.52		5.77	-0.49	0.058
130.00	-17.00	-1.94	0.00	-103.06	0.00	103.06	2975.02	1487.51	4099.43	2052.76		6.30	-0.51	0.056
135.00	-16.24	-1.94	0.00	-93.36	0.00	93.36	2891.34	1445.67	3870.81	1938.28		6.85	-0.54	0.054
140.00	-15.50	-1.94	0.00	-83.66	0.00	83.66	2807.65	1403.83	3648.75	1827.09		7.42	-0.56	0.051
142.71	-15.11	-1.94	0.00	-78.40	0.00	78.40	2762.24	1381.12	3530.99	1768.12		7.74	-0.57	0.050
145.00	-14.60	-1.94	0.00	-73.97	0.00	73.97	2723.97	1361.98	3433.25	1719.18		8.02	-0.58	0.048
147.30	-14.10	-1.93	0.00	-69.53	0.00	69.53	1707.44	853.72	2174.15	1088.69		8.30	-0.60	0.072
150.00	-13.82	-1.93	0.00	-64.30	0.00	64.30	1688.50	844.25	2114.25	1058.70		8.65	-0.61	0.069
155.00	-13.30	-1.93	0.00	-54.63	0.00	54.63	1652.64	826.32	2004.58	1003.78		9.30	-0.64	0.062
160.00	-10.56	-1.82	0.00	-44.97	0.00	44.97	1615.71	807.86	1896.48	949.65		9.98	-0.66	0.054
165.00	-10.07	-1.80	0.00	-35.86	0.00	35.86	1577.73	788.87	1790.06	896.36		10.69	-0.69	0.046
170.00	-9.60	-1.77	0.00	-26.86	0.00	26.86	1538.69	769.34	1685.46	843.98		11.42	-0.71	0.038
172.50	-6.33	-1.40	0.00	-22.44	0.00	22.44	1518.77	759.38	1633.88	818.16		11.80	-0.72	0.032
175.00	-6.12	-1.38	0.00	-18.94	0.00	18.94	1498.58	749.29	1582.80	792.58		12.18	-0.73	0.028
180.00	-5.71	-1.33	0.00	-12.03	0.00	12.03	1457.41	728.71	1482.21	742.21		12.95	-0.74	0.020
185.00	-2.40	-0.66	0.00	-5.39	0.00	5.39	1406.50	703.25	1375.31	688.68		13.73	-0.75	0.010
190.00	-2.10	-0.59	0.00	-2.07	0.00	2.07	1350.71	675.36	1267.83	634.86		14.51	-0.75	0.005
193.50	0.00	-0.56	0.00	0.00	0.00	0.00	1311.66	655.83	1195.19	598.48		15.06	-0.75	0.000

Calculated Forces

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 37

Wind Loading - Shaft

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 38	

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00

Iterations 26

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	266.81	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	262.38	0.650	0.000	5.00	23.916	15.55	127.3	0.0	1512.7
10.00		1.00	0.85	7.442	8.19	257.95	0.650	0.000	5.00	23.516	15.29	125.1	0.0	1487.2
15.00		1.00	0.85	7.442	8.19	253.52	0.650	0.000	5.00	23.115	15.02	123.0	0.0	1461.6
20.00		1.00	0.90	7.896	8.69	256.58	0.650	0.000	5.00	22.715	14.76	128.2	0.0	1436.1
25.00		1.00	0.95	8.276	9.10	258.01	0.650	0.000	5.00	22.315	14.50	132.0	0.0	1410.5
30.00		1.00	0.98	8.600	9.46	258.24	0.650	0.000	5.00	21.914	14.24	134.7	0.0	1385.0
35.00		1.00	1.01	8.883	9.77	257.63	0.650	0.000	5.00	21.514	13.98	136.6	0.0	1359.4
40.00		1.00	1.04	9.137	10.05	256.37	0.650	0.000	5.00	21.113	13.72	137.9	0.0	1333.9
45.00		1.00	1.07	9.366	10.30	254.60	0.650	0.000	5.00	20.713	13.46	138.7	0.0	1308.3
46.66	Bot - Section 2	1.00	1.08	9.438	10.38	253.91	0.650	0.000	1.66	6.802	4.42	45.9	0.0	429.6
50.00	Appurtenance(s)	1.00	1.09	9.576	10.53	252.41	0.650	0.000	3.34	13.758	8.94	94.2	0.0	1614.5
53.33	Top - Section 1	1.00	1.11	9.707	10.68	250.76	0.650	0.000	3.33	13.553	8.81	94.1	0.0	1590.0
55.00		1.00	1.12	9.770	10.75	254.57	0.650	0.000	1.67	6.730	4.37	47.0	0.0	372.3
60.00		1.00	1.14	9.951	10.95	251.79	0.650	0.000	5.00	19.882	12.92	141.5	0.0	1099.8
65.00		1.00	1.16	10.120	11.13	248.76	0.650	0.000	5.00	19.481	12.66	141.0	0.0	1077.5
70.00		1.00	1.17	10.279	11.31	245.50	0.650	0.000	5.00	19.081	12.40	140.2	0.0	1055.1
75.00		1.00	1.19	10.430	11.47	242.04	0.650	0.000	5.00	18.681	12.14	139.3	0.0	1032.8
80.00		1.00	1.21	10.572	11.63	238.41	0.650	0.000	5.00	18.280	11.88	138.2	0.0	1010.4
85.00		1.00	1.22	10.708	11.78	234.63	0.650	0.000	5.00	17.880	11.62	136.9	0.0	988.1
90.00		1.00	1.24	10.838	11.92	230.70	0.650	0.000	5.00	17.479	11.36	135.4	0.0	965.7
94.17	Bot - Section 3	1.00	1.25	10.941	12.04	227.32	0.650	0.000	4.17	14.260	9.27	111.6	0.0	787.7
95.00		1.00	1.25	10.962	12.06	226.64	0.650	0.000	0.83	2.872	1.87	22.5	0.0	291.8
99.83	Top - Section 2	1.00	1.27	11.077	12.18	222.60	0.650	0.000	4.83	16.436	10.68	130.2	0.0	1669.9
100.00		1.00	1.27	11.081	12.19	226.74	0.650	0.000	0.17	0.560	0.36	4.4	0.0	26.6
105.00		1.00	1.28	11.195	12.31	222.48	0.650	0.000	5.00	16.596	10.79	132.8	0.0	786.7
110.00		1.00	1.29	11.305	12.44	218.11	0.650	0.000	5.00	16.195	10.53	130.9	0.0	767.5
115.00		1.00	1.30	11.412	12.55	213.65	0.650	0.000	5.00	15.795	10.27	128.9	0.0	748.4
120.00		1.00	1.32	11.514	12.67	209.09	0.650	0.000	5.00	15.394	10.01	126.7	0.0	729.2
125.00		1.00	1.33	11.614	12.78	204.46	0.650	0.000	5.00	14.994	9.75	124.5	0.0	710.0
130.00		1.00	1.34	11.710	12.88	199.75	0.650	0.000	5.00	14.593	9.49	122.2	0.0	690.9
135.00		1.00	1.35	11.803	12.98	194.97	0.650	0.000	5.00	14.193	9.23	119.8	0.0	671.7
140.00		1.00	1.36	11.894	13.08	190.11	0.650	0.000	5.00	13.793	8.97	117.3	0.0	652.5
142.71	Bot - Section 4	1.00	1.36	11.942	13.14	187.45	0.650	0.000	2.71	7.317	4.76	62.5	0.0	346.1
145.00		1.00	1.37	11.982	13.18	185.20	0.650	0.000	2.29	6.172	4.01	52.9	0.0	482.7
147.30	Top - Section 3	1.00	1.37	12.022	13.22	182.92	0.650	0.000	2.30	6.114	3.97	52.6	0.0	478.1
150.00		1.00	1.38	12.068	13.27	183.20	0.650	0.000	2.70	7.089	4.61	61.2	0.0	224.4
155.00		1.00	1.39	12.152	13.37	178.17	0.650	0.000	5.00	12.803	8.32	111.2	0.0	405.1
160.00	Appurtenance(s)	1.00	1.40	12.233	13.46	173.09	0.650	0.000	5.00	12.403	8.06	108.5	0.0	392.4
165.00		1.00	1.41	12.313	13.54	167.95	0.650	0.000	5.00	12.002	7.80	105.7	0.0	379.6
170.00		1.00	1.42	12.390	13.63	162.76	0.650	0.000	5.00	11.602	7.54	102.8	0.0	366.8
172.50	Appurtenance(s)	1.00	1.42	12.429	13.67	160.15	0.650	0.000	2.50	5.651	3.67	50.2	0.0	178.6
175.00		1.00	1.42	12.466	13.71	157.53	0.650	0.000	2.50	5.551	3.61	49.5	0.0	175.4
180.00		1.00	1.43	12.540	13.79	152.24	0.650	0.000	5.00	10.801	7.02	96.8	0.0	341.3
185.00	Appurtenance(s)	1.00	1.44	12.613	13.87	146.92	0.650	0.000	5.00	10.401	6.76	93.8	0.0	328.5
190.00		1.00	1.45	12.684	13.95	141.55	0.650	0.000	5.00	10.000	6.50	90.7	0.0	315.7
193.50	Appurtenance(s)	1.00	1.45	12.733	14.01	137.76	0.650	0.000	3.50	6.762	4.40	61.6	0.0	213.4

Wind Loading - Shaft

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 39

Totals:	**193.50**	**4,809.0**	**37,091.4**

Discrete Appurtenance Forces

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 40	

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00

Iterations 26

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	193.50	800 MHz Filter	3	12.753	14.029	1.00	1.00	1.26	26.40	0.000	1.500	17.68	0.00	26.51
2	193.50	TD-RRH8x20-25	3	12.767	14.044	0.67	1.00	8.14	210.00	0.000	2.500	114.32	0.00	285.81
3	193.50	800 MHz RRH	3	12.767	14.044	0.67	1.00	5.00	159.00	0.000	2.500	70.29	0.00	175.72
4	193.50	1900MHz RRH	3	12.767	14.044	0.67	1.00	7.64	180.00	0.000	2.500	107.27	0.00	268.17
5	193.50	APXVTM14-C-120	3	12.767	14.044	0.79	1.00	15.03	171.00	0.000	2.500	211.02	0.00	527.55
6	193.50	APXVSPP18-C-A20	3	12.767	14.044	0.83	1.00	19.97	165.00	0.000	2.500	280.45	0.00	701.14
7	193.50	Low Profile Platform	1	12.753	14.029	1.00	1.00	25.00	1200.00	0.000	1.500	350.72	0.00	526.08
8	193.50	ACU-A20-N	4	12.753	14.029	0.67	1.00	0.38	4.00	0.000	1.500	5.26	0.00	7.90
9	185.00	Commscope	6	12.613	13.874	0.63	0.75	43.05	309.60	0.000	0.000	597.34	0.00	0.00
10	185.00	Samsung MT6407-77A	3	12.613	13.874	0.52	0.75	7.39	238.20	0.000	0.000	102.49	0.00	0.00
11	185.00	Commscope	3	12.613	13.874	0.38	0.75	1.66	23.70	0.000	0.000	23.10	0.00	0.00
12	185.00	GPS	1	12.613	13.874	1.00	1.00	1.00	10.00	0.000	0.000	13.87	0.00	0.00
13	185.00	FPA5250	1	12.627	13.890	1.00	1.00	1.20	10.00	0.000	1.000	16.67	0.00	16.67
14	185.00	kicker kit	1	12.613	13.874	1.00	1.00	8.00	146.00	0.000	0.000	110.99	0.00	0.00
15	185.00	Samsung RFV01U-D2A	3	12.613	13.874	0.50	0.75	2.83	210.90	0.000	0.000	39.32	0.00	0.00
16	185.00	Samsung RFV01U-D1A	3	12.613	13.874	0.50	0.75	2.83	253.20	0.000	0.000	39.32	0.00	0.00
17	185.00	RFS	1	12.613	13.874	1.00	1.00	4.06	32.00	0.000	0.000	56.33	0.00	0.00
18	185.00	support rail kit	1	12.613	13.874	1.00	1.00	12.25	514.00	0.000	0.000	169.96	0.00	0.00
19	185.00	Low Profile	1	12.613	13.874	1.00	1.00	22.00	1500.00	0.000	0.000	305.23	0.00	0.00
20	172.50	DC6-48-60-18-8F	3	12.429	13.671	1.00	1.00	2.76	95.40	0.000	0.000	37.73	0.00	0.00
21	172.50	RRUS 4449 B5/B12	3	12.429	13.671	0.50	0.75	2.97	213.00	0.000	0.000	40.60	0.00	0.00
22	172.50	RRUS 8843 B2 B66A	3	12.429	13.671	0.50	0.75	2.47	210.00	0.000	0.000	33.80	0.00	0.00
23	172.50	RRUS 4478 B14	3	12.429	13.671	0.50	0.75	2.49	178.20	0.000	0.000	34.01	0.00	0.00
24	172.50	14.5' Platform	1	12.429	13.671	1.00	1.00	24.80	2000.00	0.000	0.000	339.05	0.00	0.00
25	172.50	HRK14	1	12.429	13.671	1.00	1.00	8.13	302.36	0.000	0.000	111.15	0.00	0.00
26	172.50	DMP65R-BU6DA	6	12.429	13.671	0.55	0.75	41.75	379.80	0.000	0.000	570.81	0.00	0.00
27	172.50	ABT-DMDF-ADBH	1	12.429	13.671	0.73	0.75	0.04	1.10	0.000	0.000	0.50	0.00	0.00
28	160.00	LNX-6515DS-A1M	3	12.233	13.457	0.64	0.80	22.02	149.40	0.000	0.000	296.35	0.00	0.00
29	160.00	APX16DWV-16DWVS-E-A	3	12.233	13.457	0.50	0.80	9.84	122.10	0.000	0.000	132.35	0.00	0.00
30	160.00	RRUS 11 (Band 4)	3	12.233	13.457	0.54	0.80	4.05	132.00	0.000	0.000	54.53	0.00	0.00
31	160.00	T-Arms	3	12.233	13.457	0.56	0.75	13.50	1050.00	0.000	0.000	181.66	0.00	0.00
32	160.00	15" x 14" x 7.5" RRU (70	3	12.233	13.457	0.54	0.80	2.81	210.00	0.000	0.000	37.87	0.00	0.00
33	160.00	RRUS 11 (Band 12)	3	12.233	13.457	0.54	0.80	4.05	132.00	0.000	0.000	54.53	0.00	0.00
34	160.00	RRUS 11	3	12.233	13.457	0.54	0.80	4.05	153.00	0.000	0.000	54.53	0.00	0.00
35	160.00	96" x 15.6" x 9"	3	12.233	13.457	0.66	0.80	27.89	540.00	0.000	0.000	375.26	0.00	0.00
36	50.00	58532A GPS	1	9.576	10.534	1.00	1.00	0.22	0.40	0.000	0.000	2.32	0.00	0.00
							Totals:		**11,231.76**			**4,988.69**		

Total Applied Force Summary

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 41

Tower Engineering Solutions

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00

Iterations 26

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		127.26	1682.06	0.00	0.00
10.00		125.13	1656.51	0.00	0.00
15.00		123.00	1630.95	0.00	0.00
20.00		128.24	1605.40	0.00	0.00
25.00		132.04	1579.85	0.00	0.00
30.00		134.75	1554.30	0.00	0.00
35.00		136.65	1528.74	0.00	0.00
40.00		137.93	1503.19	0.00	0.00
45.00		138.71	1477.64	0.00	0.00
46.66		45.90	485.90	0.00	0.00
50.00	(1) attachments	96.52	1727.91	0.00	0.00
53.33		94.06	1702.25	0.00	0.00
55.00		47.01	428.62	0.00	0.00
60.00		141.46	1268.37	0.00	0.00
65.00		140.96	1246.02	0.00	0.00
70.00		140.24	1223.66	0.00	0.00
75.00		139.30	1201.30	0.00	0.00
80.00		138.18	1178.94	0.00	0.00
85.00		136.89	1156.58	0.00	0.00
90.00		135.45	1134.22	0.00	0.00
94.17		111.56	928.11	0.00	0.00
95.00		22.51	319.93	0.00	0.00
99.83		130.17	1832.86	0.00	0.00
100.00		4.44	32.17	0.00	0.00
105.00		132.84	955.23	0.00	0.00
110.00		130.91	936.06	0.00	0.00
115.00		128.87	916.90	0.00	0.00
120.00		126.74	897.73	0.00	0.00
125.00		124.51	878.57	0.00	0.00
130.00		122.19	859.41	0.00	0.00
135.00		119.78	840.24	0.00	0.00
140.00		117.30	821.08	0.00	0.00
142.71		62.48	437.55	0.00	0.00
145.00		52.88	559.75	0.00	0.00
147.30		52.56	555.47	0.00	0.00
150.00		61.17	315.49	0.00	0.00
155.00		111.24	573.67	0.00	0.00
160.00	(24) attachments	1295.56	3049.39	0.00	0.00
165.00		105.66	537.12	0.00	0.00
170.00		102.78	524.34	0.00	0.00
172.50	(21) attachments	1217.87	3637.24	0.00	0.00
175.00		49.47	232.71	0.00	0.00
180.00		96.85	455.84	0.00	0.00
185.00	(24) attachments	1568.42	3690.66	0.00	16.67
190.00		90.69	334.79	0.00	0.00
193.50	(23) attachments	1218.58	2342.15	0.00	2518.88

Total Applied Force Summary

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 42

Tower Engineering Solutions

Totals:	**9,797.68**	**54,436.86**	**0.00**	**2,535.55**

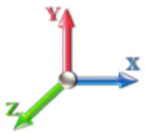
Calculated Forces

Structure:	CT12210-A-SBA	**Code:**	EIA/TIA-222-G	8/9/2021	
Site Name:	Goshen 3, CT	**Exposure:**	C		
Height:	193.50 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 43	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 26

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	-54.43	-9.82	0.00	-1421.4	0.00	1421.46	6408.64	3204.32	14863.6	7442.88	0.00	0.000	0.000	0.199
5.00	-52.74	-9.75	0.00	-1372.3	0.00	1372.35	6332.44	3166.22	14438.7	7230.12	0.03	-0.055	0.000	0.198
10.00	-51.07	-9.67	0.00	-1323.6	0.00	1323.62	6255.18	3127.59	14017.4	7019.15	0.12	-0.111	0.000	0.197
15.00	-49.43	-9.59	0.00	-1275.2	0.00	1275.27	6176.86	3088.43	13599.8	6810.05	0.26	-0.167	0.000	0.195
20.00	-47.82	-9.51	0.00	-1227.3	0.00	1227.31	6097.47	3048.74	13186.1	6602.88	0.47	-0.225	0.000	0.194
25.00	-46.23	-9.41	0.00	-1179.7	0.00	1179.79	6017.03	3008.51	12776.3	6397.69	0.74	-0.283	0.000	0.192
30.00	-44.67	-9.32	0.00	-1132.7	0.00	1132.72	5935.52	2967.76	12370.7	6194.55	1.06	-0.342	0.000	0.190
35.00	-43.13	-9.22	0.00	-1086.1	0.00	1086.13	5852.95	2926.48	11969.2	5993.52	1.45	-0.402	0.000	0.189
40.00	-41.62	-9.11	0.00	-1040.0	0.00	1040.05	5768.82	2884.41	11571.1	5794.16	1.91	-0.463	0.000	0.187
45.00	-40.14	-8.99	0.00	-994.49	0.00	994.49	5657.24	2828.62	11125.6	5571.07	2.43	-0.525	0.000	0.186
46.66	-39.65	-8.96	0.00	-979.54	0.00	979.54	5620.12	2810.06	10979.3	5497.83	2.61	-0.546	0.000	0.185
50.00	-37.91	-8.87	0.00	-949.64	0.00	949.64	5545.66	2772.83	10688.8	5352.37	3.01	-0.588	0.000	0.184
53.33	-36.21	-8.78	0.00	-920.09	0.00	920.09	4757.51	2378.75	9242.35	4628.04	3.43	-0.630	0.000	0.206
55.00	-35.77	-8.76	0.00	-905.42	0.00	905.42	4734.55	2367.28	9135.77	4574.68	3.66	-0.652	0.000	0.205
60.00	-34.49	-8.64	0.00	-861.63	0.00	861.63	4665.11	2332.55	8818.95	4416.03	4.38	-0.721	0.000	0.203
65.00	-33.24	-8.53	0.00	-818.40	0.00	818.40	4594.60	2297.30	8505.61	4259.13	5.17	-0.790	0.000	0.199
70.00	-32.01	-8.41	0.00	-775.77	0.00	775.77	4523.04	2261.52	8195.87	4104.03	6.04	-0.861	0.000	0.196
75.00	-30.80	-8.29	0.00	-733.72	0.00	733.72	4450.41	2225.20	7889.86	3950.80	6.97	-0.932	0.000	0.193
80.00	-29.61	-8.17	0.00	-692.27	0.00	692.27	4363.37	2181.68	7564.56	3787.90	7.99	-1.003	0.000	0.190
85.00	-28.45	-8.05	0.00	-651.43	0.00	651.43	4265.74	2132.87	7228.13	3619.44	9.08	-1.075	0.000	0.187
90.00	-27.31	-7.92	0.00	-611.20	0.00	611.20	4168.10	2084.05	6899.36	3454.81	10.24	-1.148	0.000	0.183
94.17	-26.38	-7.81	0.00	-578.20	0.00	578.20	4086.74	2043.37	6631.22	3320.54	11.27	-1.208	0.000	0.181
95.00	-26.05	-7.80	0.00	-571.69	0.00	571.69	4070.47	2035.23	6578.23	3294.01	11.48	-1.221	0.000	0.180
99.83	-24.22	-7.64	0.00	-534.01	0.00	534.01	3418.29	1709.14	5518.43	2763.32	12.76	-1.292	0.000	0.200
100.00	-24.18	-7.65	0.00	-532.73	0.00	532.73	3416.28	1708.14	5510.73	2759.46	12.80	-1.294	0.000	0.200
105.00	-23.22	-7.53	0.00	-494.46	0.00	494.46	3355.57	1677.79	5281.30	2644.58	14.20	-1.374	0.000	0.194
110.00	-22.27	-7.41	0.00	-456.80	0.00	456.80	3293.81	1646.90	5055.01	2531.26	15.68	-1.454	0.000	0.187
115.00	-21.35	-7.29	0.00	-419.76	0.00	419.76	3226.08	1613.04	4824.64	2415.91	17.25	-1.533	0.000	0.180
120.00	-20.45	-7.16	0.00	-383.34	0.00	383.34	3142.39	1571.20	4576.34	2291.57	18.89	-1.611	0.000	0.174
125.00	-19.56	-7.04	0.00	-347.53	0.00	347.53	3058.71	1529.35	4334.61	2170.52	20.62	-1.688	0.000	0.167
130.00	-18.70	-6.91	0.00	-312.34	0.00	312.34	2975.02	1487.51	4099.43	2052.76	22.43	-1.763	0.000	0.158
135.00	-17.85	-6.79	0.00	-277.77	0.00	277.77	2891.34	1445.67	3870.81	1938.28	24.31	-1.837	0.000	0.150
140.00	-17.03	-6.66	0.00	-243.82	0.00	243.82	2807.65	1403.83	3648.75	1827.09	26.28	-1.907	0.000	0.140
142.71	-16.59	-6.60	0.00	-225.75	0.00	225.75	2762.24	1381.12	3530.99	1768.12	27.37	-1.945	0.000	0.134
145.00	-16.03	-6.53	0.00	-210.67	0.00	210.67	2723.97	1361.98	3433.25	1719.18	28.31	-1.976	0.000	0.128
147.30	-15.47	-6.47	0.00	-195.67	0.00	195.67	1707.44	853.72	2174.15	1088.69	29.27	-2.006	0.000	0.189
150.00	-15.15	-6.41	0.00	-178.18	0.00	178.18	1688.50	844.25	2114.25	1058.70	30.41	-2.040	0.000	0.177
155.00	-14.58	-6.30	0.00	-146.12	0.00	146.12	1652.64	826.32	2004.58	1003.78	32.59	-2.121	0.000	0.154
160.00	-11.57	-4.90	0.00	-114.62	0.00	114.62	1615.71	807.86	1896.48	949.65	34.86	-2.193	0.000	0.128
165.00	-11.04	-4.79	0.00	-90.11	0.00	90.11	1577.73	788.87	1790.06	896.36	37.19	-2.255	0.000	0.108
170.00	-10.51	-4.67	0.00	-66.17	0.00	66.17	1538.69	769.34	1685.46	843.98	39.58	-2.308	0.000	0.085
172.50	-6.93	-3.31	0.00	-54.49	0.00	54.49	1518.77	759.38	1633.88	818.16	40.79	-2.330	0.000	0.071
175.00	-6.69	-3.25	0.00	-46.22	0.00	46.22	1498.58	749.29	1582.80	792.58	42.02	-2.350	0.000	0.063
180.00	-6.24	-3.14	0.00	-29.95	0.00	29.95	1457.41	728.71	1482.21	742.21	44.50	-2.382	0.000	0.045
185.00	-2.62	-1.42	0.00	-14.23	0.00	14.23	1406.50	703.25	1375.31	688.68	47.00	-2.402	0.000	0.023
190.00	-2.29	-1.32	0.00	-7.13	0.00	7.13	1350.71	675.36	1267.83	634.86	49.52	-2.413	0.000	0.013
193.50	0.00	-1.22	0.00	-2.52	0.00	2.52	1311.66	655.83	1195.19	598.48	51.29	-2.417	0.000	0.004

Calculated Forces

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 44

Final Analysis Summary

Structure:	CT12210-A-SBA		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 45

Tower Engineering Solutions

Reactions

Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)
1.2D + 1.6W 89 mph Wind	34.6	0.00	65.26	0.00	0.00	5051.44
0.9D + 1.6W 89 mph Wind	34.6	0.00	48.93	0.00	0.00	4959.77
1.2D + 1.0Di + 1.0Wi 40 mph Wind	7.8	0.00	106.84	0.00	0.00	1196.31
1.2D + 1.0E	2.7	0.00	65.32	0.00	0.00	395.65
0.9D + 1.0E	2.7	0.00	48.99	0.00	0.00	388.02
1.0D + 1.0W 60 mph Wind	9.8	0.00	54.43	0.00	0.00	1421.46

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	-42.35	-31.20	0.00	-3277.3	0.00	-3277.3	4757.51	2378.7	9242.35	4628.04	53.33	0.717
0.9D + 1.6W 89 mph Wind	-31.50	-30.74	0.00	-3199.7	0.00	-3199.7	4757.51	2378.7	9242.35	4628.04	53.33	0.698
1.2D + 1.0Di + 1.0Wi 40 mph Wind	-78.09	-7.28	0.00	-788.59	0.00	-788.59	4757.51	2378.7	9242.35	4628.04	53.33	0.187
1.2D + 1.0E	-18.81	-1.99	0.00	-71.24	0.00	-71.24	1707.44	853.72	2174.15	1088.69	147.30	0.076
0.9D + 1.0E	-14.10	-1.93	0.00	-69.53	0.00	-69.53	1707.44	853.72	2174.15	1088.69	147.30	0.072
1.0D + 1.0W 60 mph Wind	-36.21	-8.78	0.00	-920.09	0.00	-920.09	4757.51	2378.7	9242.35	4628.04	53.33	0.206

Base Plate Summary

Structure:	CT12210-A-SB		**Code:**	EIA/TIA-222-G	8/9/2021
Site Name:	Goshen 3, CT		**Exposure:**	C	
Height:	193.50 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 46

Tower Engineering Solutions

Reactions

Original Design

Moment (kip-ft):	4719.00
Axial (kip):	33.60
Shear (kip):	51.50

Analysis (1.2D + 1.6W)

Moment (kip-ft):	5051.44
Axial (kip):	65.26
Shear (kip):	34.60

Base Plate

Yield (ksi):	60.00
Width (in):	72.00
Style:	Round
Polygon Sides:	0.00
Clip Length (in):	0.00
Effective Len (in):	12.82
Moment (kip-in):	708.87
Allow Stress (ksi):	81.00
Applied Stress (ksi):	65.61
Stress Ratio:	0.81

Anchor Bolts

Bolt Circle:	66.00
Number Bolts:	24.00
Bolt Type:	2.25" 18J
Bolt Diameter (in):	2.25
Yield (ksi):	75.00
Ultimate (ksi):	100.00
Arrangement:	Radial
Cluster Dist (in):	0.00
Start Angle (deg):	0.00

Compression

Force (kip):	157.53
Allowable (kip):	260.00
Ratio:	0.62

Tension

Force (kip):	148.62
Allowable (kip):	260.00
Ratio:	0.58

Monopole Mat Foundation Design

			Date: 8/9/2021
Customer Name:	Verizon	**EIA/TIA Standard:**	EIA-222-G
Site Name:		**Structure Height (Ft.):**	193.5
Site Number:	CT12210-A-SBA	**Engineer Name:**	T. Alajaj
Engr. Number:	112406	**Engineer Login ID:**	

Foundation Info Obtained from: Drawings/Calculations

Structure Type: Monopole

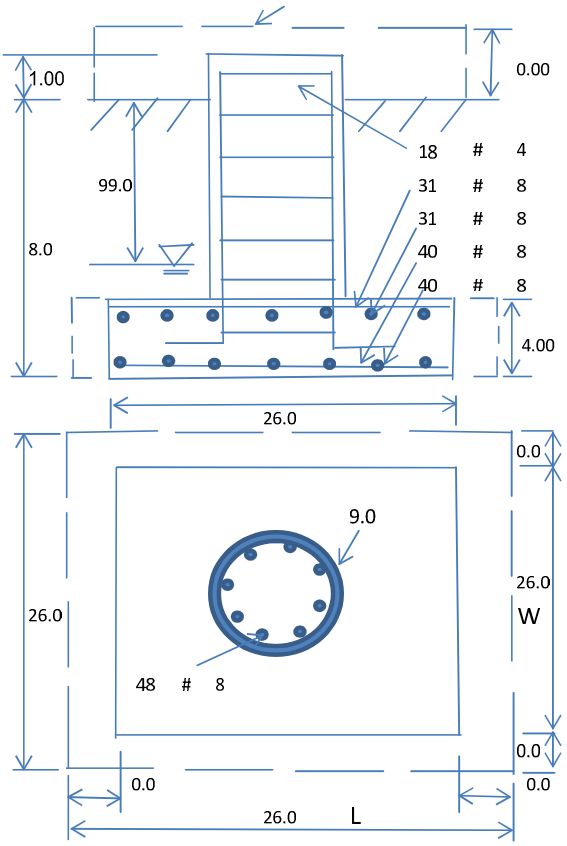
Analysis or Design? Analysis

Base Reactions (Factored):

Axial Load (Kips):	65.3	Shear Force (Kips):	34.6
Uplift Force (Kips):	0.0	Moment (Kips-ft):	5051.4
Allowable overstress %:	5.0%		

Foundation Geometries:

		Mods required -Yes/No ?:	No
Diameter of Pier (ft.):	9.0	Depth of Base BG (ft.):	8.0
Pier Height A. G. (ft.):	1.00	Thickness of Pad (ft):	4.00
Length of Pad (ft.):	26	Width of Pad (ft.):	26
Final Length of pad (ft)	26.0	Final width of pad (ft):	26.0



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:	48	Tie Spacing (in):	6.0	
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):	40	Qty. of Rebar in Pad (W):	40	
Rebar at the top of the concrete pad:				
Qty. of Rebar in Pad (L):	31	Qty. of Rebar in Pad (W):	31	
Apply 1.35 factor for e/w Per G:	1.35			

Soil Design Parameters:

Soil Unit Weight (pcf):	125.0	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:	175	Psf	Angle from Bottm of Pad:	25
Consider Friction for O.T.M. (Y/N):	No	Consider Friction for bearing (Y/N):	No		Angle from Bottm of Pad:	25
Consider soil hor. resist. for OTM.:	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.):	2449.53	Total Dry Soil Weight (Kips):	306.19
Total Buoyant Soil Volume (cu. Ft.):	0.00	Total Buoyant Soil Weight (Kips):	0.00
Total Effective Soil Weight (Kips):	306.19	Weight from the Concrete Block at Top (K):	0.00
Total Dry Concrete Volume (cu. Ft.):	3022.09	Total Dry Concrete Weight (Kips):	453.31
Total Buoyant Concrete Volume (cu. Ft.):	0.00	Total Buoyant Concrete Weight (Kips):	0.00
Total Effective Concrete Weight (Kips):	453.31	Total Vertical Load on Base (Kips):	824.80

Check Soil Capacities:

					Load/ Capacity Ratio	
Calculated Maxium Net Soil Pressure under the base (psf):	3332	<	Allowable Factored Soil Bearing (psf):	9000	0.37	OK!
Allowable Foundation Overturning Resistance (kips-ft.):	9735.1	>	Design Factored Momont (kips-ft):	5363	0.55	OK!
Factor of Safety Against Overturning (O. R. Moment/Design Moment):	1.82	OK!				

Check the capacities of Reinforceing Concrete:

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

ad Capacity Ratio

(1) Concrete Pier:

Vertical Steel Rebar Area (sq. in./each):			Tie / Stirrup Area (sq. in./each):		
Calculated Moment Capacity (Mn,Kips-Ft):		>	Design Factored Moment (Mu, Kips-		
Calculated Shear Capacity (Kips):		>	Design Factored Shear (Kips):		
Calculated Tension Capacity (Tn, Kips):		>	Design Factored Tension (Tu Kips):		
Calculated Compression Capacity (Pn, Kips):		>	Design Factored Axial Load (Pu Kips):		
Moment & Axial Strength Combination:		OK!	Check Tie Spacing (Design/Required):		
Pier Reinforcement Ratio:			Reinforcement Ratio is too small		

(2).Concrete Pad:

One-Way Design Shear Capacity (L-Direction, Kips):			One-Way Factored Shear (L-D. Kips):	253.0	
One-Way Design Shear Capacity (W-Direction, Kips):			One-Way Factored Shear (W-D., Kips		
One-Way Design Shear Capacity (Corner-Corner. Kips):			One-Way Factored Shear (C-C, Kips):	241.1	
Lower Steel Pad Reinforcement Ratio (L-Direct.):			Lower Steel Pad Reinf. Ratio (W-Direc		
Lower Steel Pad Moment Capacity (L-Direction. Kips-ft):			Moment at Bottom (L-Dir. K-Ft):		
Lower Steel Pad Moment Capacity (W-Direction. Kips-ft):			Moment at Bottom (W-Dir. K-Ft):		
Lower Steel Pad Moment Capacity (Corner-Corner,K-ft):			Moment at Bottom (C-C Dir. K-Ft):	2224.4	
Upper Steel Pad Reinforcement Ratio (L-Direct.):			Upper Steel Reinf. Ratio (W-Dir.):		
Upper Steel Pad Moment Capacity (L-Direc. Kips-ft):			Moment at the top (L-Dir K-Ft):		
Upper Steel Pad Moment Capacity (W-Direc. Kips-ft):			Moment at the top (W-Dir K-Ft):		
Upper Steel Pad Moment Capacity (Corner-Corner. K-ft):			Moment at the top (C-C Dir. K-Ft):		

(3).Check Punching Shear Capacity due to Moment in the Pier:

Moment transferred by punching shear:	2020.6	k-ft.	Max. factored shear stress v_{u_CD}	Psi
Max. factored shear stress v_{u_AB}		Psi	Factored shear Strength ϕv_n	Psi
Max. factored shear stress v_u		Psi	Check Usage of Punching Shear Capacity:	OK!

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

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10061731
Maser Consulting Connecticut Project #: 21777045A

July 8, 2021

Site Information	*Site ID:*	*468131-VZW / GOSHEN S CT*
	Site Name:	*GOSHEN S CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*113 Brush Hill Rd* *Goshen, Connecticut 06756* *Litchfield County*
	Latitude:	*41.797169°*
	Longitude:	*-73.221675°*
Structure Information	*Tower Type:*	*200-Ft Monopole*
	Mount Type:	*12.67-Ft Platform*

FUZE ID # 15512071

Analysis Results

Platform: **38.7% 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: Frank Centone

Digitally signed by Alec Norris
Date: 2021.07.08 14:12:47-04'00'

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: 323954, dated May 10, 2021*
Mount Mapping Report	*Level-Up Towers, Site #: 468131, dated February 23, 2021*
Construction Drawings	*Nexius, Project #: VZ11509, dated January 27, 2021*
Mount Analysis Report	*Maser Consulting Connecticut, Project #: 21777045A, Dated April 2, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut, Project #: 21777045A, Dated July 8, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	114 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:	0.956
Seismic Parameters:	S_S:	0.174
	S_1:	0.054
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
184.00	185.00	3	Samsung	B2/B66A RRH-BR049	Added
		3	Samsung	B5/B13 RRH-BR04C	
		6	Commscope	NHH-65C-R2B	
		3	Samsung	MT6407-77A	
		1	RFS	DB-C1-12C-24AB-0Z	
		3	Commscope	TD-850B-LTE78-43	

Any proposed antennas not currently installed should be mounted such that the centerline of the antennas does not exceed 6 inches vertically from the center of the antenna mount(s).

The recent mount mapping did not report existing OVP units. However, it is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required.

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

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	*14.8 %*	*Pass*
Standoff Horizontal	*7.0 %*	*Pass*
Platform Crossmember	*3.8 %*	*Pass*
Mount Pipe	*30.6 %*	*Pass*
Corner Plate	*8.3 %*	*Pass*
Grating Support	*9.4 %*	*Pass*
Cross Arm Plate	*11.7 %*	*Pass*
Support Rail	*13.9 %*	*Pass*
Support Rail Connection	*22.6 %*	*Pass*
Kicker	*7.2 %*	*Pass*
Connection Check	*38.7 %*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**38.7%**

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:

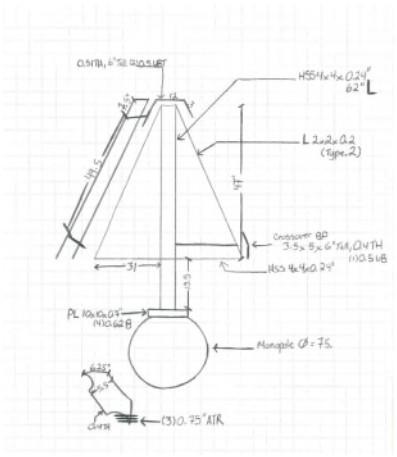
1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required PMI Report Deliverables**
5. Antenna Placement Diagrams


23/02/2021 13:20

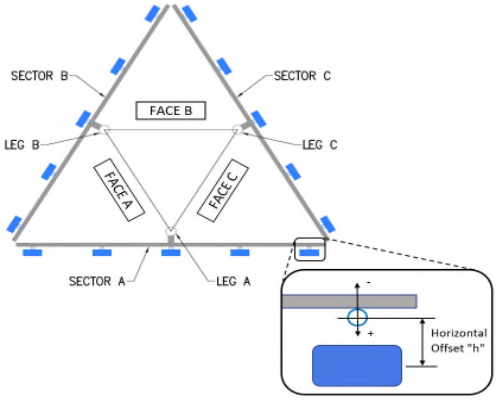
V3.0 Updated on 8-31-2020

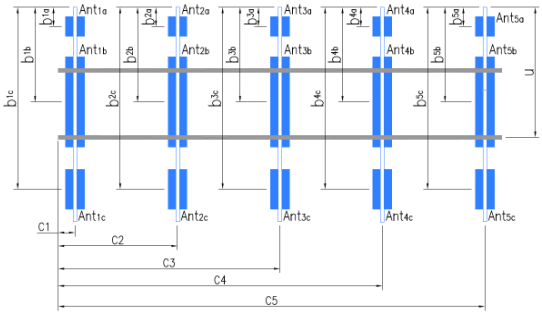
Antenna Mount Mapping Form (PATENT PENDING)

Tower Owner:	SBA	**Mapping Date:**	2/23/2021
Site Name:	Goshen S CT	**Tower Type:**	Monopole
Site Number or ID:	468131	**Tower Height (Ft.):**	
Mapping Contractor:	Level-Up Towers	**Mount Elevation (Ft.):**	185



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."
	P2.38x0.18", 96" Long				P2.38x0.18", 96" Long		
	P2.38x0.18", 96" Long				P2.38x0.18", 96" Long		
	P2.38x0.18", 96" Long				P2.38x0.18", 96" Long		
	P2.38x0.18", 96" Long				P2.38x0.18", 96" Long		
	P2.38x0.18", 96" Long						
	P2.38x0.18", 96" Long						
	P2.38x0.18", 96" Long						
	P2.38x0.18", 96" Long						
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.):				



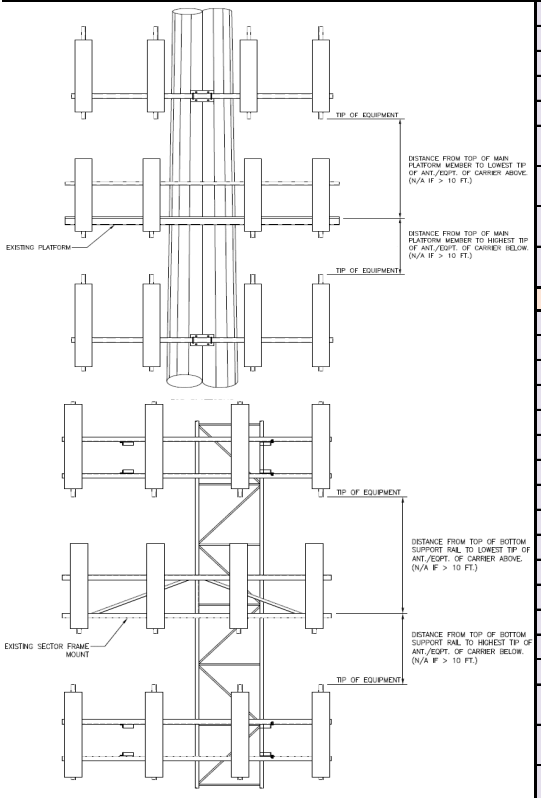


Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b , b b , b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant	Anphenol LPA 80080/									
Ant_{1b}										
Ant_{1c}										
Ant	Amphenol BXA70063/									
Ant_{2b}										
Ant_{2c}										
Ant	Amphenol Antenna w									
Ant_{3b}										
Ant_{3c}										
Ant	Amphenol LPA 80080									
Ant_{4b}										
Ant_{4c}										
Ant										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

Climbing Facility Information			
Location:	Tower	Deg	Inside Face C
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B											
Ant	Anphenol LPA 80080/										
Ant_{1b}											
Ant_{1c}											
Ant	Anphenol BXA 70063/										
Ant_{2b}											
Ant_{2c}											
Ant	Amphenol Antenna w										
Ant_{3b}											
Ant_{3c}											
Ant	Aphenol LPA 80080/6										
Ant_{4b}											
Ant_{4c}											
Ant											
Ant_{5b}											
Ant_{5c}											
Ant on Standoff											
Ant on Standoff											
Ant on Tower											
Ant on Tower											

Sector C											
Ant	Anphenol LPA 80080/										
Ant_{1b}											
Ant_{1c}											
Ant	Anphenol BXA 70063/										
Ant_{2b}											
Ant_{2c}											
Ant	Amphenol Antenna w										
Ant_{3b}											
Ant_{3c}											
Ant	Aphenol LPA 80080/6										
Ant_{4b}											
Ant_{4c}											
Ant											
Ant_{5b}											
Ant_{5c}											
Ant on Standoff											
Ant on Standoff											
Ant on Tower											
Ant on Tower											

Sector D											
Ant											
Ant_{1b}											
Ant_{1c}											
Ant											
Ant_{2b}											
Ant_{2c}											
Ant											
Ant_{3b}											
Ant_{3c}											
Ant											
Ant_{4b}											
Ant_{4c}											
Ant											
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 #

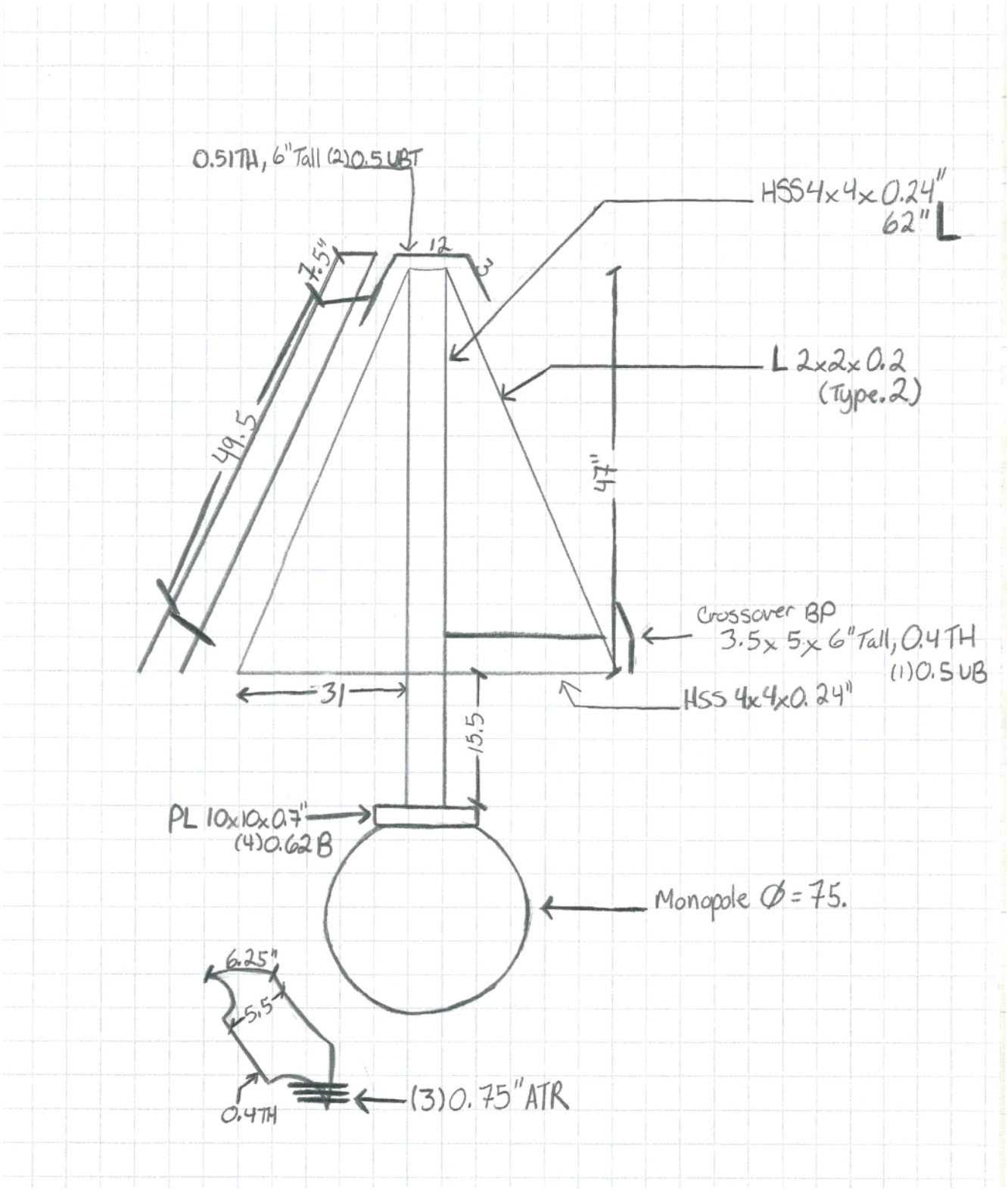
Mapping Notes
1. Please report any visible structural or safety issues observed on the antenna mounts (Damaged members, loose connections, tilting mounts, safety climb issues, etc.)
2. If the thickness of the existing pipes or tubing can't be obtained from a general tool (such as Caliper), please use 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.

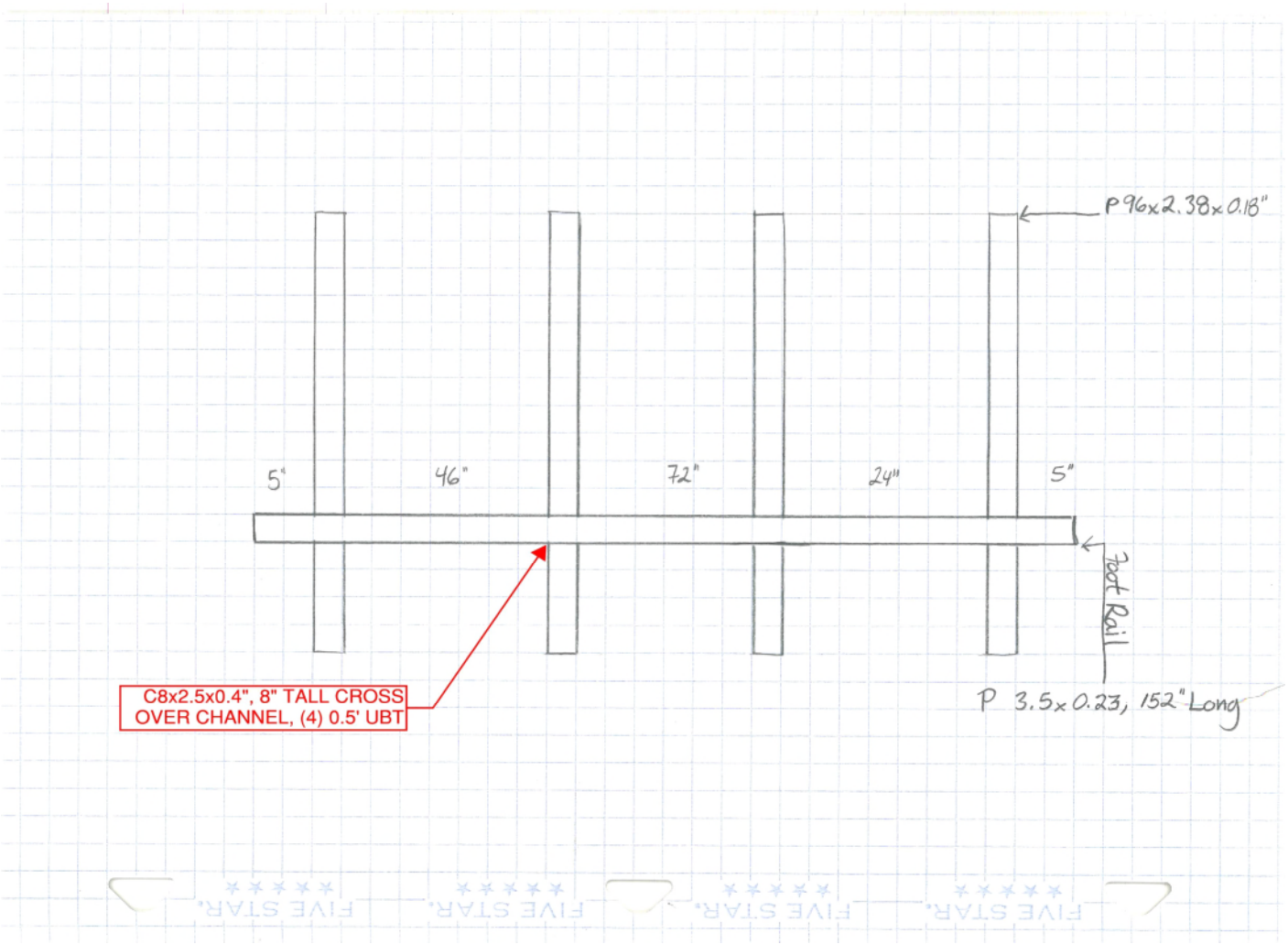
Antenna Mount Mapping Form (PATENT PENDING)

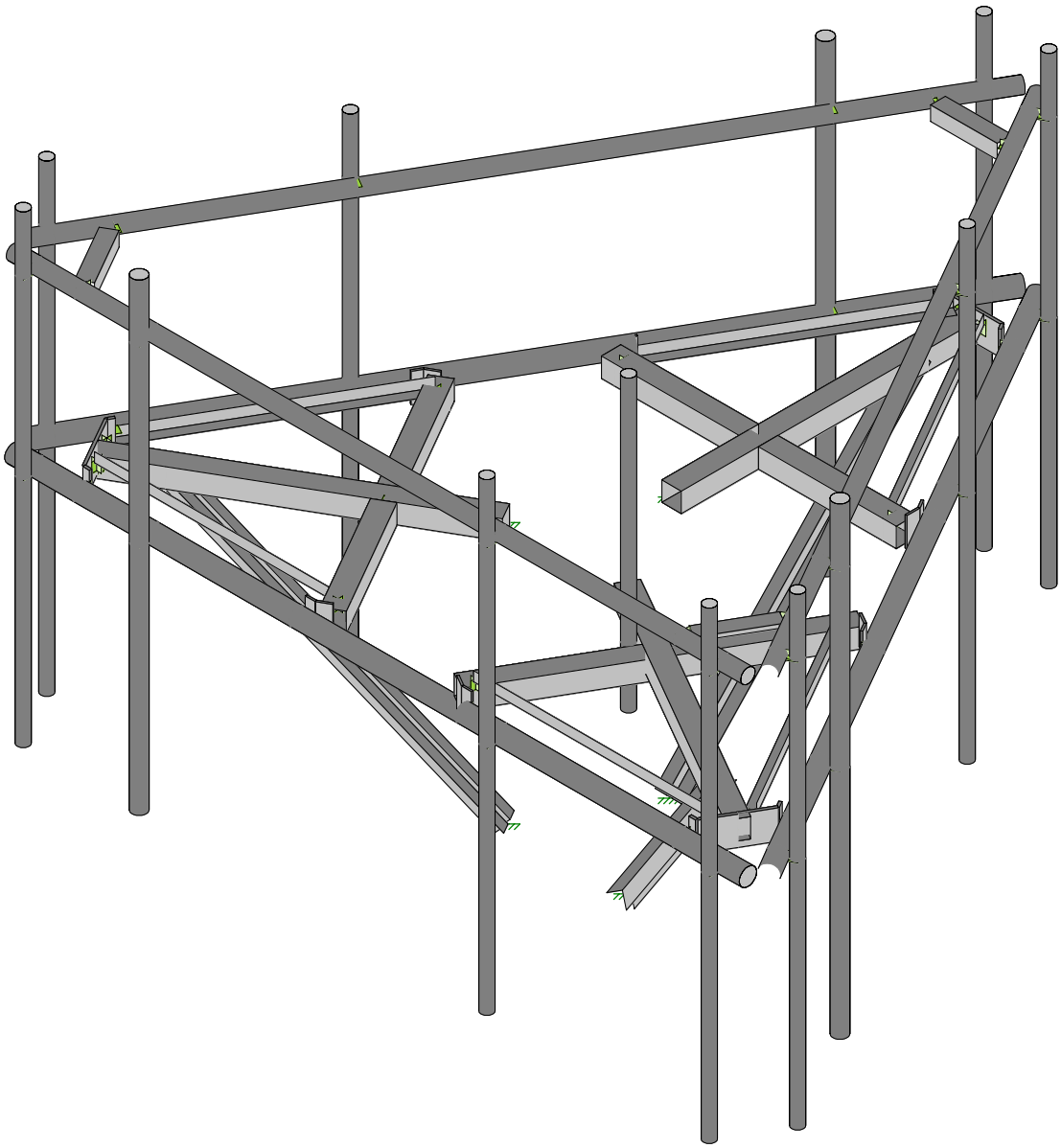
Tower Owner:	SBA	**Mapping Date:**	2/23/2021
Site Name:	Goshen S CT	**Tower Type:**	Monopole
Site Number or ID:	468131	**Tower Height (Ft.):**	
Mapping Contractor:	Level-Up Towers	**Mount Elevation (Ft.):**	185

Please Insert Sketches of the Antenna Mount



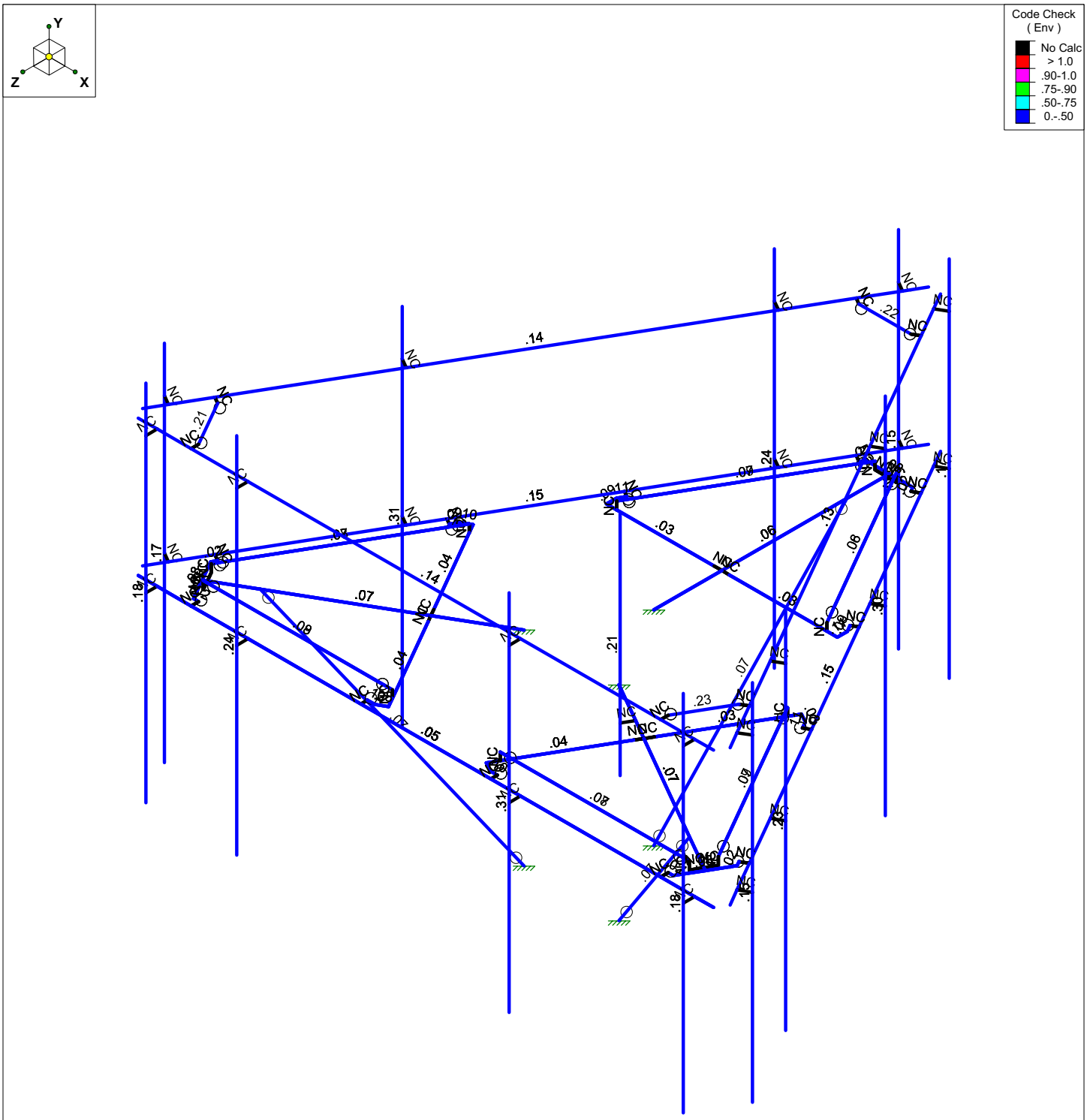
Please Insert Sketches of the Antenna Mount, cont'd





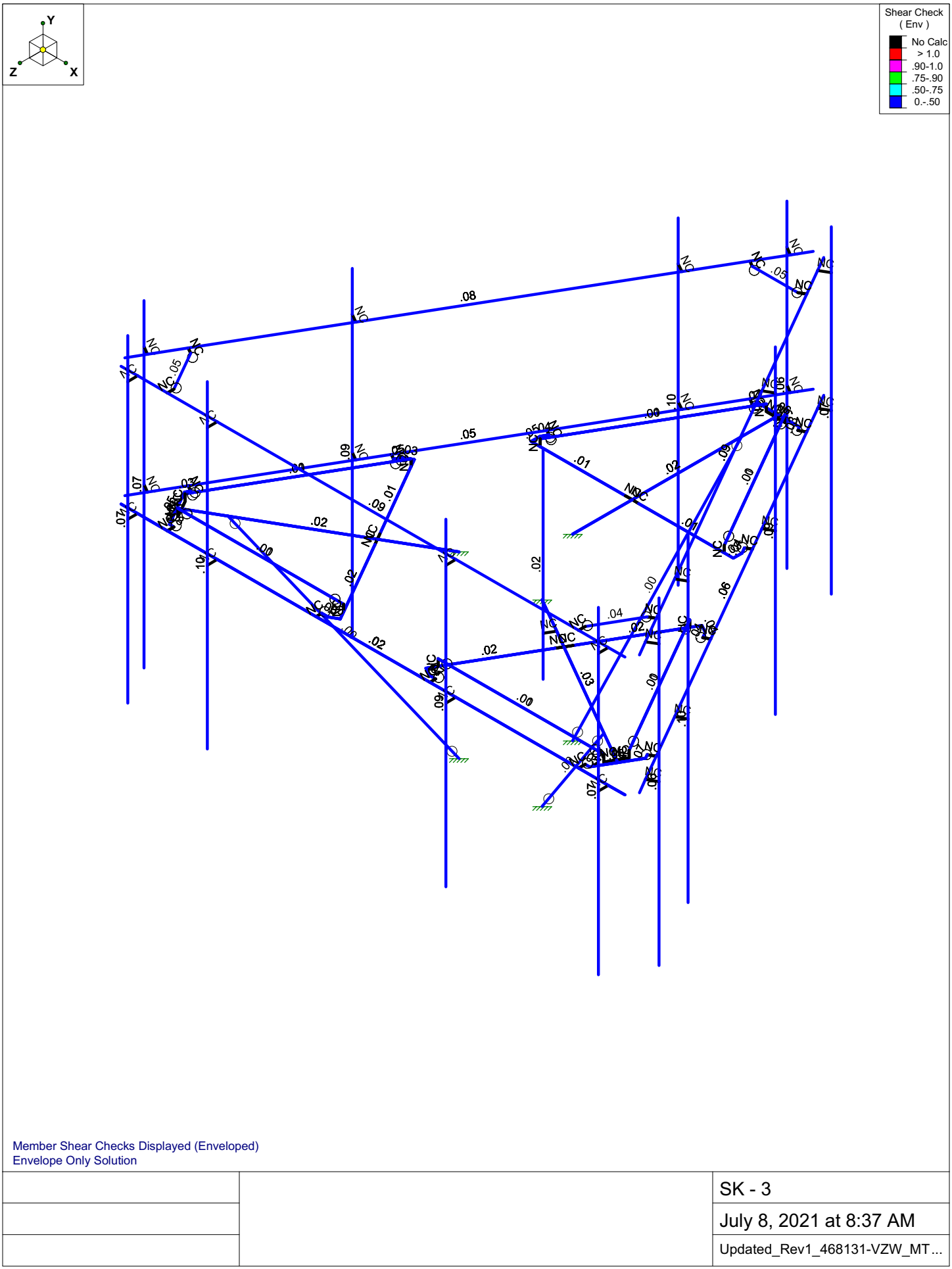
Envelope Only Solution

		SK - 1
		July 8, 2021 at 8:36 AM
		Updated_Rev1_468131-VZW_MT...



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		July 8, 2021 at 8:36 AM
		Updated_Rev1_468131-VZW_MT...



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		July 8, 2021 at 8:37 AM
		Updated_Rev1_468131-VZW_MT...

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					84			
2	Antenna Di	None					84			
3	Antenna Wo (0 Deg)	None					84			
4	Antenna Wo (30 Deg)	None					84			
5	Antenna Wo (60 Deg)	None					84			
6	Antenna Wo (90 Deg)	None					84			
7	Antenna Wo (120 Deg)	None					84			
8	Antenna Wo (150 Deg)	None					84			
9	Antenna Wo (180 Deg)	None					84			
10	Antenna Wo (210 Deg)	None					84			
11	Antenna Wo (240 Deg)	None					84			
12	Antenna Wo (270 Deg)	None					84			
13	Antenna Wo (300 Deg)	None					84			
14	Antenna Wo (330 Deg)	None					84			
15	Antenna Wi (0 Deg)	None					84			
16	Antenna Wi (30 Deg)	None					84			
17	Antenna Wi (60 Deg)	None					84			
18	Antenna Wi (90 Deg)	None					84			
19	Antenna Wi (120 Deg)	None					84			
20	Antenna Wi (150 Deg)	None					84			
21	Antenna Wi (180 Deg)	None					84			
22	Antenna Wi (210 Deg)	None					84			
23	Antenna Wi (240 Deg)	None					84			
24	Antenna Wi (270 Deg)	None					84			
25	Antenna Wi (300 Deg)	None					84			
26	Antenna Wi (330 Deg)	None					84			
27	Antenna Wm (0 Deg)	None					84			
28	Antenna Wm (30 Deg)	None					84			
29	Antenna Wm (60 Deg)	None					84			
30	Antenna Wm (90 Deg)	None					84			
31	Antenna Wm (120 Deg)	None					84			
32	Antenna Wm (150 Deg)	None					84			
33	Antenna Wm (180 Deg)	None					84			
34	Antenna Wm (210 Deg)	None					84			
35	Antenna Wm (240 Deg)	None					84			
36	Antenna Wm (270 Deg)	None					84			
37	Antenna Wm (300 Deg)	None					84			
38	Antenna Wm (330 Deg)	None					84			
39	Structure D	None		-1					3	
40	Structure Di	None						135	3	
41	Structure Wo (0 Deg)	None						270		
42	Structure Wo (30 Deg)	None						270		
43	Structure Wo (60 Deg)	None						270		
44	Structure Wo (90 Deg)	None						270		
45	Structure Wo (120 D...	None						270		
46	Structure Wo (150 D...	None						270		
47	Structure Wo (180 D...	None						270		
48	Structure Wo (210 D...	None						270		
49	Structure Wo (240 D...	None						270		
50	Structure Wo (270 D...	None						270		
51	Structure Wo (300 D...	None						270		
52	Structure Wo (330 D...	None						270		
53	Structure Wi (0 Deg)	None						270		
54	Structure Wi (30 Deg)	None						270		
55	Structure Wi (60 Deg)	None						270		
56	Structure Wi (90 Deg)	None						270		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						270		
58	Structure Wi (150 De...	None						270		
59	Structure Wi (180 De...	None						270		
60	Structure Wi (210 De...	None						270		
61	Structure Wi (240 De...	None						270		
62	Structure Wi (270 De...	None						270		
63	Structure Wi (300 De...	None						270		
64	Structure Wi (330 De...	None						270		
65	Structure Wm (0 Deg)	None						270		
66	Structure Wm (30 De...	None						270		
67	Structure Wm (60 De...	None						270		
68	Structure Wm (90 De...	None						270		
69	Structure Wm (120 D...	None						270		
70	Structure Wm (150 D...	None						270		
71	Structure Wm (180 D...	None						270		
72	Structure Wm (210 D...	None						270		
73	Structure Wm (240 D...	None						270		
74	Structure Wm (270 D...	None						270		
75	Structure Wm (300 D...	None						270		
76	Structure Wm (330 D...	None						270		
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	P...	SR...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
1	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										

Load Combinations (Continued)

	Description	Solve	P...	SR...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
27	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1												
28	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1												
29	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1												
30	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1												
31	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1												
32	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1												
33	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1												
34	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1												
35	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1												
36	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1												
37	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1												
38	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1												
39	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1												
40	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1												
41	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1												
42	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1												
43	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1												
44	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1												
45	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1												
46	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1												
47	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1												
48	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1												
49	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	79	1.5																
50	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	80	1.5																
51	1.4D	Yes	Y		1	1.4	39	1.4																		

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.333333	0	3.810523	0	
2	N2	-6.333333	0	3.810523	0	
3	N3	-0.	0	-1.208333	0	
4	N5	-2.541667	0	-2.708333	0	
5	N6	2.315104	0.166667	-2.708333	0	
6	N7	-2.315104	0.166667	-2.708333	0	
7	N8	5.916667	0	3.810523	0	
8	N9	5.916667	0	4.060523	0	
9	N10	-5.916667	0	3.810523	0	
10	N11	-5.916667	0	4.060523	0	
11	N12	2.083333	0	3.810523	0	
12	N13	2.083333	0	4.060523	0	
13	N14	-3.916667	0	3.810523	0	
14	N15	-3.916667	0	4.060523	0	
15	N16	-3.916667	-4	4.060523	0	
16	N17	-3.916667	4	4.060523	0	
17	N18	-5.916667	-4	4.060523	0	
18	N19	-5.916667	4	4.060523	0	
19	N20	2.083333	-4	4.060523	0	
20	N21	2.083333	4	4.060523	0	
21	N22	5.916667	-4	4.060523	0	
22	N23	5.916667	4	4.060523	0	
23	N24	-0.	0	-2.708333	0	
24	N27	-0.	0	-6.395833	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-2.708333	0	
27	N30	-2.315104	0	-2.708333	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
28	N101	2.541667	0	-2.708333	0	
29	N102	-0.166667	0	-2.708333	0	
30	N103A	0.166667	0	-2.708333	0	
31	N104A	-2.541667	0	-2.927083	0	
32	N105	2.541667	0	-2.927083	0	
33	N131	2.458333	0	-3.071421	0	
34	N135	0.571615	0	-6.298857	0	
35	N144	-2.458333	0	-3.071421	0	
36	N148	-0.571615	0	-6.298857	0	
37	N86A	2.584629	0	-3.144338	0	
38	N86B	-2.584629	0	-3.144338	0	
39	N86C	-0.515625	0	-6.395833	0	
40	N87A	0.515625	0	-6.395833	0	
41	N86D	0.715429	0	-6.381888	0	
42	N86E	-0.715429	0	-6.381888	0	
43	N88A	-0.	0	-6.3125	0	
44	N87C	0.234238	0.166667	-6.3125	0	
45	N86G	0.234238	0	-6.3125	0	
46	N87B	-0.234238	0.166667	-6.3125	0	
47	N88C	-0.234238	0	-6.3125	0	
48	N87D	-1.046447	0	0.604167	0	
49	N88B	-1.074652	0	3.555315	0	
50	N89	-3.503038	0.166667	-0.650772	0	
51	N90	-1.187933	0.166667	3.359106	0	
52	N91	-2.345485	0	1.354167	0	
53	N92	-5.538954	0	3.197917	0	
54	N93	-3.503038	0	-0.650772	0	
55	N94	-1.187933	0	3.359106	0	
56	N95	-3.616319	0	-0.846981	0	
57	N96	-2.262152	0	1.498504	0	
58	N97	-2.428819	0	1.209829	0	
59	N98	-1.264095	0	3.66469	0	
60	N99	-3.805762	0	-0.737606	0	
61	N100	-3.889095	0	-0.593269	0	
62	N101A	-5.740777	0	2.654396	0	
63	N102A	-1.430762	0	3.66469	0	
64	N103	-5.169162	0	3.644461	0	
65	N104	-4.015391	0	-0.666185	0	
66	N105A	-1.430762	0	3.810523	0	
67	N106	-5.281142	0	3.644461	0	
68	N107	-5.796767	0	2.751372	0	
69	N108	-5.884591	0	2.571364	0	
70	N109	-5.169162	0	3.810523	0	
71	N110	-5.466785	0	3.15625	0	
72	N111	-5.583904	0.166667	2.953394	0	
73	N112	-5.583904	0	2.953394	0	
74	N113	-5.349667	0.166667	3.359106	0	
75	N114	-5.349667	0	3.359106	0	
76	N115	1.046447	0	0.604167	0	
77	N116	3.616319	0	-0.846981	0	
78	N117	1.187933	0.166667	3.359106	0	
79	N118	3.503038	0.166667	-0.650772	0	
80	N119	2.345485	0	1.354167	0	
81	N120	5.538954	0	3.197917	0	
82	N121	1.187933	0	3.359106	0	
83	N122	3.503038	0	-0.650772	0	
84	N123	1.074652	0	3.555315	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
85	N124	2.428819	0	1.209829	0	
86	N125	2.262152	0	1.498504	0	
87	N126	3.805762	0	-0.737606	0	
88	N127	1.264095	0	3.66469	0	
89	N128	1.430762	0	3.66469	0	
90	N129	5.169162	0	3.644461	0	
91	N130	3.889095	0	-0.593269	0	
92	N131A	5.740777	0	2.654396	0	
93	N132	1.430762	0	3.810523	0	
94	N133	4.015391	0	-0.666186	0	
95	N134	5.796767	0	2.751372	0	
96	N135A	5.281142	0	3.644461	0	
97	N136	5.169162	0	3.810523	0	
98	N137	5.884591	0	2.571364	0	
99	N138	5.466785	0	3.15625	0	
100	N139	5.349667	0.166667	3.359106	0	
101	N140	5.349667	0	3.359106	0	
102	N141	5.583904	0.166667	2.953394	0	
103	N142	5.583904	0	2.953394	0	
104	N140A	1.912473	0	1.104167	0	
105	N141A	1.787473	0	1.320673	0	
106	N142A	1.787473	-1	1.320673	0	
107	N143	1.787473	4	1.320673	0	
108	N108A	0.133343	0	-7.390089	0	
109	N109A	6.466677	0	3.579566	0	
110	N110A	0.341677	0	-7.029245	0	
111	N111A	0.558183	0	-7.154245	0	
112	N112A	6.258343	0	3.218722	0	
113	N113A	6.47485	0	3.093722	0	
114	N114A	2.258343	0	-3.709481	0	
115	N115A	2.47485	0	-3.834481	0	
116	N116A	5.258343	0	1.486671	0	
117	N117A	5.47485	0	1.361671	0	
118	N118A	5.47485	-4	1.361671	0	
119	N119A	5.47485	4	1.361671	0	
120	N120A	6.47485	-4	3.093722	0	
121	N121A	6.47485	4	3.093722	0	
122	N122A	2.47485	-4	-3.834481	0	
123	N123A	2.47485	4	-3.834481	0	
124	N124A	0.558183	-4	-7.154245	0	
125	N125A	0.558183	4	-7.154245	0	
126	N127A	-6.466677	0	3.579566	0	
127	N128A	-0.133343	0	-7.390089	0	
128	N129A	-6.258343	0	3.218722	0	
129	N130A	-6.47485	0	3.093722	0	
130	N131B	-0.341677	0	-7.029245	0	
131	N132A	-0.558183	0	-7.154245	0	
132	N133A	-4.341677	0	-0.101042	0	
133	N134A	-4.558183	0	-0.226042	0	
134	N135B	-1.341677	0	-5.297194	0	
135	N136A	-1.558183	0	-5.422194	0	
136	N137A	-1.558183	-4	-5.422194	0	
137	N138A	-1.558183	4	-5.422194	0	
138	N139A	-0.558183	-4	-7.154245	0	
139	N140B	-0.558183	4	-7.154245	0	
140	N141B	-4.558183	-4	-0.226042	0	
141	N142B	-4.558183	4	-0.226042	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
142	N143A	-6.47485	-4	3.093722	0	
143	N144A	-6.47485	4	3.093722	0	
144	N144B	-0.571615	3	-6.298857	0	
145	N145	-0.715429	3	-6.381888	0	
146	N146	-5.740777	3	2.654396	0	
147	N147	-5.884591	3	2.571364	0	
148	N148A	-6.466677	3	3.579566	0	
149	N149	-0.133343	3	-7.390089	0	
150	N150	-6.258343	3	3.218722	0	
151	N151	-6.47485	3	3.093722	0	
152	N152	-0.341677	3	-7.029245	0	
153	N153	-0.558183	3	-7.154245	0	
154	N154	-4.341677	3	-0.101042	0	
155	N155	-4.558183	3	-0.226042	0	
156	N156	-1.341677	3	-5.297194	0	
157	N157	-1.558183	3	-5.422194	0	
158	N158	-5.169162	3	3.644461	0	
159	N159	-5.169162	3	3.810523	0	
160	N160	5.169162	3	3.644461	0	
161	N161	5.169162	3	3.810523	0	
162	N162	6.333333	3	3.810523	0	
163	N163	-6.333333	3	3.810523	0	
164	N164	5.916667	3	3.810523	0	
165	N165	5.916667	3	4.060523	0	
166	N166	-5.916667	3	3.810523	0	
167	N167	-5.916667	3	4.060523	0	
168	N168	2.083333	3	3.810523	0	
169	N169	2.083333	3	4.060523	0	
170	N170	-3.916667	3	3.810523	0	
171	N171	-3.916667	3	4.060523	0	
172	N172	5.740777	3	2.654396	0	
173	N173	5.884591	3	2.571364	0	
174	N174	0.571615	3	-6.298857	0	
175	N175	0.715429	3	-6.381888	0	
176	N176	0.133343	3	-7.390089	0	
177	N177	6.466677	3	3.579566	0	
178	N178	0.341677	3	-7.029245	0	
179	N179	0.558183	3	-7.154245	0	
180	N180	6.258343	3	3.218722	0	
181	N181	6.47485	3	3.093722	0	
182	N182	2.258343	3	-3.709481	0	
183	N183	2.47485	3	-3.834481	0	
184	N184	5.258343	3	1.486671	0	
185	N185	5.47485	3	1.361671	0	
186	N186	-0.	0	-5.458333	0	
187	N187	-0.	-4.5	-1.208333	0	
188	N188	-4.727055	0	2.729167	0	
189	N189	-1.046447	-4.5	0.604167	0	
190	N190	4.727055	0	2.729167	0	
191	N191	1.046447	-4.5	0.604167	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design L...	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareT...	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design L...	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmember	HSS4X4X4	Beam	SquareT...	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single A...	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Mount Pipe 2	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Angle Connection	L3X3X4	Column	Pipe	A36 Gr.36	Typical	1.44	1.23	1.23	.031
11	Double Angle Horizontal	LL3x3x3x0	Column	Pipe	A36 Gr.36	Typical	2.18	3.35	1.9	.027

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
1	M1	Face Horizo...	12.667			Lbyy						Lateral
2	M4	Standoff Ho...	5.188			Lbyy						Lateral
3	M10	Platform Cr...	2.375			Lbyy						Lateral
4	MP3A	Mount Pipe 2	8			Lbyy						Lateral
5	MP4A	Mount Pipe	8			Lbyy						Lateral
6	MP2A	Mount Pipe	8			Lbyy						Lateral
7	MP1A	Mount Pipe	8			Lbyy						Lateral
8	M43	Platform Cr...	2.375			Lbyy						Lateral
9	M46	Corner Plate	1.031			Lbyy						Lateral
10	M51B	Grating Sup...	4.162			Lbyy						Lateral
11	M52B	Grating Sup...	4.162			Lbyy						Lateral
12	M76	Cross Arm ...	.219									Lateral
13	M77	Cross Arm ...	.167									Lateral
14	M80	Corner Plate	.112			Lbyy						Lateral
15	M84	Cross Arm ...	.219									Lateral
16	M85	Cross Arm ...	.167									Lateral
17	M91	Corner Plate	.112			Lbyy						Lateral
18	M52A	Standoff Ho...	5.188			Lbyy						Lateral
19	M53	Platform Cr...	2.375			Lbyy						Lateral
20	M54	Platform Cr...	2.375			Lbyy						Lateral
21	M55	Corner Plate	1.031			Lbyy						Lateral
22	M58A	Grating Sup...	4.162			Lbyy						Lateral
23	M59A	Grating Sup...	4.162			Lbyy						Lateral
24	M63	Cross Arm ...	.219									Lateral
25	M64	Cross Arm ...	.167									Lateral
26	M66	Corner Plate	.112			Lbyy						Lateral
27	M68	Cross Arm ...	.219									Lateral
28	M69	Cross Arm ...	.167									Lateral
29	M71	Corner Plate	.112			Lbyy						Lateral
30	M76A	Standoff Ho...	5.188			Lbyy						Lateral
31	M77A	Platform Cr...	2.375			Lbyy						Lateral
32	M78	Platform Cr...	2.375			Lbyy						Lateral
33	M79A	Corner Plate	1.031			Lbyy						Lateral
34	M82	Grating Sup...	4.162			Lbyy						Lateral
35	M83A	Grating Sup...	4.162			Lbyy						Lateral
36	M87	Cross Arm ...	.219									Lateral
37	M88A	Cross Arm ...	.167									Lateral
38	M90	Corner Plate	.112			Lbyy						Lateral
39	M92A	Cross Arm ...	.219									Lateral
40	M93	Cross Arm ...	.167									Lateral
41	M95	Corner Plate	.112			Lbyy						Lateral
42	M85B	Standoff Ho...	5.188			Lbyy						Lateral
43	M86A	Platform Cr...	2.375			Lbyy						Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
44	M95A	Platform Cr...	2.375			Lbyy						Lateral
45	M96A	Corner Plate	1.031			Lbyy						Lateral
46	M99A	Grating Sup...	4.162			Lbyy						Lateral
47	M100	Grating Sup...	4.162			Lbyy						Lateral
48	M104	Cross Arm ...	.219									Lateral
49	M105	Cross Arm ...	.167									Lateral
50	M107	Corner Plate	.112			Lbyy						Lateral
51	M109	Cross Arm ...	.219									Lateral
52	M110	Cross Arm ...	.167									Lateral
53	M112	Corner Plate	.112			Lbyy						Lateral
54	M117	Standoff Ho...	5.188			Lbyy						Lateral
55	M118	Platform Cr...	2.375			Lbyy						Lateral
56	M119	Platform Cr...	2.375			Lbyy						Lateral
57	M120	Corner Plate	1.031			Lbyy						Lateral
58	M123	Grating Sup...	4.162			Lbyy						Lateral
59	M124	Grating Sup...	4.162			Lbyy						Lateral
60	M128	Cross Arm ...	.219									Lateral
61	M129	Cross Arm ...	.167									Lateral
62	M131	Corner Plate	.112			Lbyy						Lateral
63	M133	Cross Arm ...	.219									Lateral
64	M134	Cross Arm ...	.167									Lateral
65	M136	Corner Plate	.112			Lbyy						Lateral
66	M141	Standoff Ho...	5.188			Lbyy						Lateral
67	M142	Platform Cr...	2.375			Lbyy						Lateral
68	M143	Platform Cr...	2.375			Lbyy						Lateral
69	M144	Corner Plate	1.031			Lbyy						Lateral
70	M147	Grating Sup...	4.162			Lbyy						Lateral
71	M148	Grating Sup...	4.162			Lbyy						Lateral
72	M152	Cross Arm ...	.219									Lateral
73	M153	Cross Arm ...	.167									Lateral
74	M155	Corner Plate	.112			Lbyy						Lateral
75	M157	Cross Arm ...	.219									Lateral
76	M158	Cross Arm ...	.167									Lateral
77	M160	Corner Plate	.112			Lbyy						Lateral
78	M166	Face Horizo...	12.667			Lbyy						Lateral
79	M168	Standoff Ho...	5.188			Lbyy						Lateral
80	M169	Platform Cr...	2.375			Lbyy						Lateral
81	M178	Platform Cr...	2.375			Lbyy						Lateral
82	M179	Corner Plate	1.031			Lbyy						Lateral
83	M182	Grating Sup...	4.162			Lbyy						Lateral
84	M183	Grating Sup...	4.162			Lbyy						Lateral
85	M187	Cross Arm ...	.219									Lateral
86	M188	Cross Arm ...	.167									Lateral
87	M190	Corner Plate	.112			Lbyy						Lateral
88	M192	Cross Arm ...	.219									Lateral
89	M193	Cross Arm ...	.167									Lateral
90	M195	Corner Plate	.112			Lbyy						Lateral
91	M200	Standoff Ho...	5.188			Lbyy						Lateral
92	M201	Platform Cr...	2.375			Lbyy						Lateral
93	M202	Platform Cr...	2.375			Lbyy						Lateral
94	M203	Corner Plate	1.031			Lbyy						Lateral
95	M206	Grating Sup...	4.162			Lbyy						Lateral
96	M207	Grating Sup...	4.162			Lbyy						Lateral
97	M211	Cross Arm ...	.219									Lateral
98	M212	Cross Arm ...	.167									Lateral
99	M214	Corner Plate	.112			Lbyy						Lateral
100	M216	Cross Arm ...	.219									Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
101	M217	Cross Arm ...	.167									Lateral
102	M219	Corner Plate	.112			Lbyy						Lateral
103	M224	Standoff Ho...	5.188			Lbyy						Lateral
104	M225	Platform Cr...	2.375			Lbyy						Lateral
105	M226	Platform Cr...	2.375			Lbyy						Lateral
106	M227	Corner Plate	1.031			Lbyy						Lateral
107	M230	Grating Sup...	4.162			Lbyy						Lateral
108	M231	Grating Sup...	4.162			Lbyy						Lateral
109	M235	Cross Arm ...	.219									Lateral
110	M236	Cross Arm ...	.167									Lateral
111	M238	Corner Plate	.112			Lbyy						Lateral
112	M240	Cross Arm ...	.219									Lateral
113	M241	Cross Arm ...	.167									Lateral
114	M243	Corner Plate	.112			Lbyy						Lateral
115	M248	Face Horizo...	12.667			Lbyy						Lateral
116	M250	Mount Pipe	5									Lateral
117	M230A	Face Horizo...	12.667			Lbyy						Lateral
118	MP3C	Mount Pipe 2	8			Lbyy						Lateral
119	MP4C	Mount Pipe	8			Lbyy						Lateral
120	MP2C	Mount Pipe	8			Lbyy						Lateral
121	MP1C	Mount Pipe	8			Lbyy						Lateral
122	M239A	Face Horizo...	12.667			Lbyy						Lateral
123	MP3B	Mount Pipe 2	8			Lbyy						Lateral
124	MP4B	Mount Pipe	8			Lbyy						Lateral
125	MP2B	Mount Pipe	8			Lbyy						Lateral
126	MP1B	Mount Pipe	8			Lbyy						Lateral
127	M254	Support Rail	12.667			Lbyy						Lateral
128	M265	Support Rail	12.667			Lbyy						Lateral
129	M276	Support Rail	12.667			Lbyy						Lateral
130	M281	Angle Conn...	1.143									Lateral
131	M282	Angle Conn...	1.143									Lateral
132	M283	Angle Conn...	1.143									Lateral
133	M284	Double Angl...	6.19									Lateral
134	M285	Double Angl...	6.19									Lateral
135	M286	Double Angl...	6.19									Lateral

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			Platform Cross...	Beam	SquareTube	A500 Gr.B...	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 2	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			Platform Cross...	Beam	SquareTube	A500 Gr.B...	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

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
18	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
19	M58	N102	N24			RIGID	None	None	RIGID	Typical
20	M59	N24	N103A			RIGID	None	None	RIGID	Typical
21	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
22	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
23	M79	N131	N86A			RIGID	None	None	RIGID	Typical
24	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
25	M83	N135	N86D			RIGID	None	None	RIGID	Typical
26	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
27	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M88	N144	N86B			RIGID	None	None	RIGID	Typical
29	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M92	N148	N86E			RIGID	None	None	RIGID	Typical
31	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
32	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
33	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
34	M52A	N87D	N92			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
35	M53	N95	N97			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
36	M54	N96	N88B			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
37	M55	N106	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M56	N90	N94			RIGID	None	None	RIGID	Typical
39	M57	N89	N93			RIGID	None	None	RIGID	Typical
40	M58A	N111	N89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M59A	N90	N113			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M60	N113	N114			RIGID	None	None	RIGID	Typical
43	M61	N96	N91			RIGID	None	None	RIGID	Typical
44	M62	N91	N97			RIGID	None	None	RIGID	Typical
45	M63	N95	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M64	N99	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M65	N100	N104			RIGID	None	None	RIGID	Typical
48	M66	N107	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M67	N101A	N108			RIGID	None	None	RIGID	Typical
50	M68	N88B	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M69	N98	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
52	M70	N102A	N105A			RIGID	None	None	RIGID	Typical
53	M71	N106	N103			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M72	N103	N109			RIGID	None	None	RIGID	Typical
55	M73	N114	N110			RIGID	None	None	RIGID	Typical
56	M74	N110	N112			RIGID	None	None	RIGID	Typical
57	M75	N111	N112			RIGID	None	None	RIGID	Typical
58	M76A	N115	N120			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
59	M77A	N123	N125			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
60	M78	N124	N116			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
61	M79A	N134	N135A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M80A	N118	N122			RIGID	None	None	RIGID	Typical
63	M81	N117	N121			RIGID	None	None	RIGID	Typical
64	M82	N139	N117			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M83A	N118	N141			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M84A	N141	N142			RIGID	None	None	RIGID	Typical
67	M85A	N124	N119			RIGID	None	None	RIGID	Typical
68	M86	N119	N125			RIGID	None	None	RIGID	Typical
69	M87	N123	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M88A	N127	N128			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M89	N128	N132			RIGID	None	None	RIGID	Typical
72	M90	N135A	N129			Corner Plate	Beam	BAR	A36 Gr.36	Typical
73	M91A	N129	N136			RIGID	None	None	RIGID	Typical
74	M92A	N116	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
75	M93	N126	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M94	N130	N133			RIGID	None	None	RIGID	Typical
77	M95	N134	N131A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
78	M96	N131A	N137			RIGID	None	None	RIGID	Typical
79	M97	N142	N138			RIGID	None	None	RIGID	Typical
80	M98	N138	N140			RIGID	None	None	RIGID	Typical
81	M99	N139	N140			RIGID	None	None	RIGID	Typical
82	M85B	N87D	N92			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
83	M86A	N95	N97			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
84	M95A	N96	N88B			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
85	M96A	N106	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
86	M97A	N90	N94			RIGID	None	None	RIGID	Typical
87	M98A	N89	N93			RIGID	None	None	RIGID	Typical
88	M99A	N111	N89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
89	M100	N90	N113			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
90	M101	N113	N114			RIGID	None	None	RIGID	Typical
91	M102	N96	N91			RIGID	None	None	RIGID	Typical
92	M103	N91	N97			RIGID	None	None	RIGID	Typical
93	M104	N95	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
94	M105	N99	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
95	M106	N100	N104			RIGID	None	None	RIGID	Typical
96	M107	N107	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
97	M108	N101A	N108			RIGID	None	None	RIGID	Typical
98	M109	N88B	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
99	M110	N98	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
100	M111	N102A	N105A			RIGID	None	None	RIGID	Typical
101	M112	N106	N103			Corner Plate	Beam	BAR	A36 Gr.36	Typical
102	M113	N103	N109			RIGID	None	None	RIGID	Typical
103	M114	N114	N110			RIGID	None	None	RIGID	Typical
104	M115	N110	N112			RIGID	None	None	RIGID	Typical
105	M116	N111	N112			RIGID	None	None	RIGID	Typical
106	M117	N115	N120			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
107	M118	N123	N125			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
108	M119	N124	N116			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
109	M120	N134	N135A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
110	M121	N118	N122			RIGID	None	None	RIGID	Typical
111	M122	N117	N121			RIGID	None	None	RIGID	Typical
112	M123	N139	N117			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
113	M124	N118	N141			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
114	M125	N141	N142			RIGID	None	None	RIGID	Typical
115	M126	N124	N119			RIGID	None	None	RIGID	Typical
116	M127	N119	N125			RIGID	None	None	RIGID	Typical
117	M128	N123	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
118	M129	N127	N128			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
119	M130	N128	N132			RIGID	None	None	RIGID	Typical
120	M131	N135A	N129			Corner Plate	Beam	BAR	A36 Gr.36	Typical
121	M132	N129	N136			RIGID	None	None	RIGID	Typical
122	M133	N116	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
123	M134	N126	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
124	M135	N130	N133			RIGID	None	None	RIGID	Typical
125	M136	N134	N131A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
126	M137	N131A	N137			RIGID	None	None	RIGID	Typical
127	M138	N142	N138			RIGID	None	None	RIGID	Typical
128	M139	N138	N140			RIGID	None	None	RIGID	Typical
129	M140	N139	N140			RIGID	None	None	RIGID	Typical
130	M141	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
131	M142	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
132	M143	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
133	M144	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
134	M145	N7	N30			RIGID	None	None	RIGID	Typical
135	M146	N6	N29			RIGID	None	None	RIGID	Typical
136	M147	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
137	M148	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
138	M149	N87B	N88C			RIGID	None	None	RIGID	Typical
139	M150	N102	N24			RIGID	None	None	RIGID	Typical
140	M151	N24	N103A			RIGID	None	None	RIGID	Typical
141	M152	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
142	M153	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
143	M154	N131	N86A			RIGID	None	None	RIGID	Typical
144	M155	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
145	M156	N135	N86D			RIGID	None	None	RIGID	Typical
146	M157	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
147	M158	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
148	M159	N144	N86B			RIGID	None	None	RIGID	Typical
149	M160	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
150	M161	N148	N86E			RIGID	None	None	RIGID	Typical
151	M162	N88C	N88A			RIGID	None	None	RIGID	Typical
152	M163	N88A	N86G			RIGID	None	None	RIGID	Typical
153	M164	N87C	N86G			RIGID	None	None	RIGID	Typical
154	M166	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
155	M168	N115	N120			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
156	M169	N123	N125			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
157	M178	N124	N116			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
158	M179	N134	N135A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
159	M180	N118	N122			RIGID	None	None	RIGID	Typical
160	M181	N117	N121			RIGID	None	None	RIGID	Typical
161	M182	N139	N117			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
162	M183	N118	N141			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
163	M184	N141	N142			RIGID	None	None	RIGID	Typical
164	M185	N124	N119			RIGID	None	None	RIGID	Typical
165	M186	N119	N125			RIGID	None	None	RIGID	Typical
166	M187	N123	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
167	M188	N127	N128			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
168	M189	N128	N132			RIGID	None	None	RIGID	Typical
169	M190	N135A	N129			Corner Plate	Beam	BAR	A36 Gr.36	Typical
170	M191	N129	N136			RIGID	None	None	RIGID	Typical
171	M192	N116	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
172	M193	N126	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
173	M194	N130	N133			RIGID	None	None	RIGID	Typical
174	M195	N134	N131A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
175	M196	N131A	N137			RIGID	None	None	RIGID	Typical
176	M197	N142	N138			RIGID	None	None	RIGID	Typical
177	M198	N138	N140			RIGID	None	None	RIGID	Typical
178	M199	N139	N140			RIGID	None	None	RIGID	Typical
179	M200	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
180	M201	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
181	M202	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
182	M203	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
183	M204	N7	N30			RIGID	None	None	RIGID	Typical
184	M205	N6	N29			RIGID	None	None	RIGID	Typical
185	M206	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
186	M207	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
187	M208	N87B	N88C			RIGID	None	None	RIGID	Typical
188	M209	N102	N24			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
189	M210	N24	N103A			RIGID	None	None	RIGID	Typical
190	M211	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
191	M212	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
192	M213	N131	N86A			RIGID	None	None	RIGID	Typical
193	M214	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
194	M215	N135	N86D			RIGID	None	None	RIGID	Typical
195	M216	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
196	M217	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
197	M218	N144	N86B			RIGID	None	None	RIGID	Typical
198	M219	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
199	M220	N148	N86E			RIGID	None	None	RIGID	Typical
200	M221	N88C	N88A			RIGID	None	None	RIGID	Typical
201	M222	N88A	N86G			RIGID	None	None	RIGID	Typical
202	M223	N87C	N86G			RIGID	None	None	RIGID	Typical
203	M224	N87D	N92			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
204	M225	N95	N97			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
205	M226	N96	N88B			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
206	M227	N106	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
207	M228	N90	N94			RIGID	None	None	RIGID	Typical
208	M229	N89	N93			RIGID	None	None	RIGID	Typical
209	M230	N111	N89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
210	M231	N90	N113			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
211	M232	N113	N114			RIGID	None	None	RIGID	Typical
212	M233	N96	N91			RIGID	None	None	RIGID	Typical
213	M234	N91	N97			RIGID	None	None	RIGID	Typical
214	M235	N95	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
215	M236	N99	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
216	M237	N100	N104			RIGID	None	None	RIGID	Typical
217	M238	N107	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
218	M239	N101A	N108			RIGID	None	None	RIGID	Typical
219	M240	N88B	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
220	M241	N98	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
221	M242	N102A	N105A			RIGID	None	None	RIGID	Typical
222	M243	N106	N103			Corner Plate	Beam	BAR	A36 Gr.36	Typical
223	M244	N103	N109			RIGID	None	None	RIGID	Typical
224	M245	N114	N110			RIGID	None	None	RIGID	Typical
225	M246	N110	N112			RIGID	None	None	RIGID	Typical
226	M247	N111	N112			RIGID	None	None	RIGID	Typical
227	M248	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
228	M250	N143	N142A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
229	M251	N141A	N140A			RIGID	None	None	RIGID	Typical
230	M230A	N109A	N108A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
231	M231A	N110A	N111A			RIGID	None	None	RIGID	Typical
232	M232A	N112A	N113A			RIGID	None	None	RIGID	Typical
233	M233A	N114A	N115A			RIGID	None	None	RIGID	Typical
234	M234A	N116A	N117A			RIGID	None	None	RIGID	Typical
235	MP3C	N119A	N118A			Mount Pipe 2	Column	Pipe	A53 Gr.B	Typical
236	MP4C	N121A	N120A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
237	MP2C	N123A	N122A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
238	MP1C	N125A	N124A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
239	M239A	N128A	N127A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
240	M240A	N129A	N130A			RIGID	None	None	RIGID	Typical
241	M241A	N131B	N132A			RIGID	None	None	RIGID	Typical
242	M242A	N133A	N134A			RIGID	None	None	RIGID	Typical
243	M243A	N135B	N136A			RIGID	None	None	RIGID	Typical
244	MP3B	N138A	N137A			Mount Pipe 2	Column	Pipe	A53 Gr.B	Typical
245	MP4B	N140B	N139A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
246	MP2B	N142B	N141B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
247	MP1B	N144A	N143A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
248	M248A	N144B	N145			RIGID	None	None	RIGID	Typical
249	M249	N146	N147			RIGID	None	None	RIGID	Typical
250	M250A	N146	N147			RIGID	None	None	RIGID	Typical
251	M251A	N144B	N145			RIGID	None	None	RIGID	Typical
252	M252	N144B	N145			RIGID	None	None	RIGID	Typical
253	M253	N146	N147			RIGID	None	None	RIGID	Typical
254	M254	N149	N148A			Support Rail	Column	Pipe	A53 Gr.B	Typical
255	M255	N150	N151			RIGID	None	None	RIGID	Typical
256	M256	N152	N153			RIGID	None	None	RIGID	Typical
257	M257	N154	N155			RIGID	None	None	RIGID	Typical
258	M258	N156	N157			RIGID	None	None	RIGID	Typical
259	M259	N158	N159			RIGID	None	None	RIGID	Typical
260	M260	N160	N161			RIGID	None	None	RIGID	Typical
261	M261	N160	N161			RIGID	None	None	RIGID	Typical
262	M262	N158	N159			RIGID	None	None	RIGID	Typical
263	M263	N158	N159			RIGID	None	None	RIGID	Typical
264	M264	N160	N161			RIGID	None	None	RIGID	Typical
265	M265	N163	N162			Support Rail	Column	Pipe	A53 Gr.B	Typical
266	M266	N164	N165			RIGID	None	None	RIGID	Typical
267	M267	N166	N167			RIGID	None	None	RIGID	Typical
268	M268	N168	N169			RIGID	None	None	RIGID	Typical
269	M269	N170	N171			RIGID	None	None	RIGID	Typical
270	M270	N172	N173			RIGID	None	None	RIGID	Typical
271	M271	N174	N175			RIGID	None	None	RIGID	Typical
272	M272	N174	N175			RIGID	None	None	RIGID	Typical
273	M273	N172	N173			RIGID	None	None	RIGID	Typical
274	M274	N172	N173			RIGID	None	None	RIGID	Typical
275	M275	N174	N175			RIGID	None	None	RIGID	Typical
276	M276	N177	N176			Support Rail	Column	Pipe	A53 Gr.B	Typical
277	M277	N178	N179			RIGID	None	None	RIGID	Typical
278	M278	N180	N181			RIGID	None	None	RIGID	Typical
279	M279	N182	N183			RIGID	None	None	RIGID	Typical
280	M280	N184	N185			RIGID	None	None	RIGID	Typical
281	M281	N158	N146		180	Angle Connect...	Column	Pipe	A36 Gr.36	Typical
282	M282	N144B	N174		180	Angle Connect...	Column	Pipe	A36 Gr.36	Typical
283	M283	N172	N160		180	Angle Connect...	Column	Pipe	A36 Gr.36	Typical
284	M284	N186	N187			Double Angle ...	Column	Pipe	A36 Gr.36	Typical
285	M285	N188	N189			Double Angle ...	Column	Pipe	A36 Gr.36	Typical
286	M286	N190	N191			Double Angle ...	Column	Pipe	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

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
12	M43						Yes	Default			None
13	M46						Yes	Default			None
14	M35A						Yes	** NA **			None
15	M36A						Yes	** NA **			None
16	M51B	OOOOOX	OOOOOX				Yes	Default			None
17	M52B	OOOOOX	OOOOOX				Yes	Default			None
18	M52						Yes	** NA **			None
19	M58						Yes	** NA **			None
20	M59						Yes	** NA **			None
21	M76						Yes	** NA **			None
22	M77						Yes	** NA **			None
23	M79		BenPIN				Yes	** NA **			None
24	M80						Yes				None
25	M83		BenPIN				Yes	** NA **			None
26	M84						Yes	** NA **			None
27	M85						Yes	** NA **			None
28	M88		BenPIN				Yes	** NA **			None
29	M91						Yes				None
30	M92		BenPIN				Yes	** NA **			None
31	M50						Yes	** NA **			None
32	M51						Yes	** NA **			None
33	M51A						Yes	** NA **			None
34	M52A						Yes				None
35	M53						Yes	Default			None
36	M54						Yes	Default			None
37	M55						Yes	Default			None
38	M56						Yes	** NA **			None
39	M57						Yes	** NA **			None
40	M58A	OOOOOX	OOOOOX				Yes	Default			None
41	M59A	OOOOOX	OOOOOX				Yes	Default			None
42	M60						Yes	** NA **			None
43	M61						Yes	** NA **			None
44	M62						Yes	** NA **			None
45	M63						Yes	** NA **			None
46	M64						Yes	** NA **			None
47	M65		BenPIN				Yes	** NA **			None
48	M66						Yes				None
49	M67		BenPIN				Yes	** NA **			None
50	M68						Yes	** NA **			None
51	M69						Yes	** NA **			None
52	M70		BenPIN				Yes	** NA **			None
53	M71						Yes				None
54	M72		BenPIN				Yes	** NA **			None
55	M73						Yes	** NA **			None
56	M74						Yes	** NA **			None
57	M75						Yes	** NA **			None
58	M76A						Yes				None
59	M77A						Yes	Default			None
60	M78						Yes	Default			None
61	M79A						Yes	Default			None
62	M80A						Yes	** NA **			None
63	M81						Yes	** NA **			None
64	M82	OOOOOX	OOOOOX				Yes	Default			None
65	M83A	OOOOOX	OOOOOX				Yes	Default			None
66	M84A						Yes	** NA **			None
67	M85A						Yes	** NA **			None
68	M86						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
69	M87						Yes	** NA **			None
70	M88A						Yes	** NA **			None
71	M89		BenPIN				Yes	** NA **			None
72	M90						Yes				None
73	M91A		BenPIN				Yes	** NA **			None
74	M92A						Yes	** NA **			None
75	M93						Yes	** NA **			None
76	M94		BenPIN				Yes	** NA **			None
77	M95						Yes				None
78	M96		BenPIN				Yes	** NA **			None
79	M97						Yes	** NA **			None
80	M98						Yes	** NA **			None
81	M99						Yes	** NA **			None
82	M85B						Yes				None
83	M86A						Yes	Default			None
84	M95A						Yes	Default			None
85	M96A						Yes	Default			None
86	M97A						Yes	** NA **			None
87	M98A						Yes	** NA **			None
88	M99A	OOOOOX	OOOOOX				Yes	Default			None
89	M100	OOOOOX	OOOOOX				Yes	Default			None
90	M101						Yes	** NA **			None
91	M102						Yes	** NA **			None
92	M103						Yes	** NA **			None
93	M104						Yes	** NA **			None
94	M105						Yes	** NA **			None
95	M106		BenPIN				Yes	** NA **			None
96	M107						Yes				None
97	M108		BenPIN				Yes	** NA **			None
98	M109						Yes	** NA **			None
99	M110						Yes	** NA **			None
100	M111		BenPIN				Yes	** NA **			None
101	M112						Yes				None
102	M113		BenPIN				Yes	** NA **			None
103	M114						Yes	** NA **			None
104	M115						Yes	** NA **			None
105	M116						Yes	** NA **			None
106	M117						Yes				None
107	M118						Yes	Default			None
108	M119						Yes	Default			None
109	M120						Yes	Default			None
110	M121						Yes	** NA **			None
111	M122						Yes	** NA **			None
112	M123	OOOOOX	OOOOOX				Yes	Default			None
113	M124	OOOOOX	OOOOOX				Yes	Default			None
114	M125						Yes	** NA **			None
115	M126						Yes	** NA **			None
116	M127						Yes	** NA **			None
117	M128						Yes	** NA **			None
118	M129						Yes	** NA **			None
119	M130		BenPIN				Yes	** NA **			None
120	M131						Yes				None
121	M132		BenPIN				Yes	** NA **			None
122	M133						Yes	** NA **			None
123	M134						Yes	** NA **			None
124	M135		BenPIN				Yes	** NA **			None
125	M136						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
126	M137		BenPIN				Yes	** NA **			None
127	M138						Yes	** NA **			None
128	M139						Yes	** NA **			None
129	M140						Yes	** NA **			None
130	M141						Yes				None
131	M142						Yes	Default			None
132	M143						Yes	Default			None
133	M144						Yes	Default			None
134	M145						Yes	** NA **			None
135	M146						Yes	** NA **			None
136	M147	OOOOOX	OOOOOX				Yes	Default			None
137	M148	OOOOOX	OOOOOX				Yes	Default			None
138	M149						Yes	** NA **			None
139	M150						Yes	** NA **			None
140	M151						Yes	** NA **			None
141	M152						Yes	** NA **			None
142	M153						Yes	** NA **			None
143	M154		BenPIN				Yes	** NA **			None
144	M155						Yes				None
145	M156		BenPIN				Yes	** NA **			None
146	M157						Yes	** NA **			None
147	M158						Yes	** NA **			None
148	M159		BenPIN				Yes	** NA **			None
149	M160						Yes				None
150	M161		BenPIN				Yes	** NA **			None
151	M162						Yes	** NA **			None
152	M163						Yes	** NA **			None
153	M164						Yes	** NA **			None
154	M166						Yes	Default			None
155	M168						Yes				None
156	M169						Yes	Default			None
157	M178						Yes	Default			None
158	M179						Yes	Default			None
159	M180						Yes	** NA **			None
160	M181						Yes	** NA **			None
161	M182	OOOOOX	OOOOOX				Yes	Default			None
162	M183	OOOOOX	OOOOOX				Yes	Default			None
163	M184						Yes	** NA **			None
164	M185						Yes	** NA **			None
165	M186						Yes	** NA **			None
166	M187						Yes	** NA **			None
167	M188						Yes	** NA **			None
168	M189		BenPIN				Yes	** NA **			None
169	M190						Yes				None
170	M191		BenPIN				Yes	** NA **			None
171	M192						Yes	** NA **			None
172	M193						Yes	** NA **			None
173	M194		BenPIN				Yes	** NA **			None
174	M195						Yes				None
175	M196		BenPIN				Yes	** NA **			None
176	M197						Yes	** NA **			None
177	M198						Yes	** NA **			None
178	M199						Yes	** NA **			None
179	M200						Yes				None
180	M201						Yes	Default			None
181	M202						Yes	Default			None
182	M203						Yes	Default			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...
183	M204						Yes	** NA **			None
184	M205						Yes	** NA **			None
185	M206	OOOOOX	OOOOOX				Yes	Default			None
186	M207	OOOOOX	OOOOOX				Yes	Default			None
187	M208						Yes	** NA **			None
188	M209						Yes	** NA **			None
189	M210						Yes	** NA **			None
190	M211						Yes	** NA **			None
191	M212						Yes	** NA **			None
192	M213		BenPIN				Yes	** NA **			None
193	M214						Yes				None
194	M215		BenPIN				Yes	** NA **			None
195	M216						Yes	** NA **			None
196	M217						Yes	** NA **			None
197	M218		BenPIN				Yes	** NA **			None
198	M219						Yes				None
199	M220		BenPIN				Yes	** NA **			None
200	M221						Yes	** NA **			None
201	M222						Yes	** NA **			None
202	M223						Yes	** NA **			None
203	M224						Yes				None
204	M225						Yes	Default			None
205	M226						Yes	Default			None
206	M227						Yes	Default			None
207	M228						Yes	** NA **			None
208	M229						Yes	** NA **			None
209	M230	OOOOOX	OOOOOX				Yes	Default			None
210	M231	OOOOOX	OOOOOX				Yes	Default			None
211	M232						Yes	** NA **			None
212	M233						Yes	** NA **			None
213	M234						Yes	** NA **			None
214	M235						Yes	** NA **			None
215	M236						Yes	** NA **			None
216	M237		BenPIN				Yes	** NA **			None
217	M238						Yes				None
218	M239		BenPIN				Yes	** NA **			None
219	M240						Yes	** NA **			None
220	M241						Yes	** NA **			None
221	M242		BenPIN				Yes	** NA **			None
222	M243						Yes				None
223	M244		BenPIN				Yes	** NA **			None
224	M245						Yes	** NA **			None
225	M246						Yes	** NA **			None
226	M247						Yes	** NA **			None
227	M248						Yes	Default			None
228	M250						Yes	** NA **			None
229	M251						Yes	** NA **			None
230	M230A						Yes	Default			None
231	M231A						Yes	** NA **			None
232	M232A						Yes	** NA **			None
233	M233A						Yes	** NA **			None
234	M234A						Yes	** NA **			None
235	MP3C						Yes	** NA **			None
236	MP4C						Yes	** NA **			None
237	MP2C						Yes	** NA **			None
238	MP1C						Yes	** NA **			None
239	M239A						Yes	Default			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...
240	M240A						Yes	** NA **			None
241	M241A						Yes	** NA **			None
242	M242A						Yes	** NA **			None
243	M243A						Yes	** NA **			None
244	MP3B						Yes	** NA **			None
245	MP4B						Yes	** NA **			None
246	MP2B						Yes	** NA **			None
247	MP1B						Yes	** NA **			None
248	M248A		OOOOOO				Yes	** NA **			None
249	M249		OOOOOO				Yes	** NA **			None
250	M250A		OOOOOO				Yes	** NA **			None
251	M251A		OOOOOO				Yes	** NA **			None
252	M252		OOOOOO				Yes	** NA **			None
253	M253		OOOOOO				Yes	** NA **			None
254	M254						Yes	** NA **			None
255	M255						Yes	** NA **			None
256	M256						Yes	** NA **			None
257	M257						Yes	** NA **			None
258	M258						Yes	** NA **			None
259	M259		OOOOOO				Yes	** NA **			None
260	M260		OOOOOO				Yes	** NA **			None
261	M261		OOOOOO				Yes	** NA **			None
262	M262		OOOOOO				Yes	** NA **			None
263	M263		OOOOOO				Yes	** NA **			None
264	M264		OOOOOO				Yes	** NA **			None
265	M265						Yes	** NA **			None
266	M266						Yes	** NA **			None
267	M267						Yes	** NA **			None
268	M268						Yes	** NA **			None
269	M269						Yes	** NA **			None
270	M270		OOOOOO				Yes	** NA **			None
271	M271		OOOOOO				Yes	** NA **			None
272	M272		OOOOOO				Yes	** NA **			None
273	M273		OOOOOO				Yes	** NA **			None
274	M274		OOOOOO				Yes	** NA **			None
275	M275		OOOOOO				Yes	** NA **			None
276	M276						Yes	** NA **			None
277	M277						Yes	** NA **			None
278	M278						Yes	** NA **			None
279	M279						Yes	** NA **			None
280	M280						Yes	** NA **			None
281	M281						Yes	** NA **			None
282	M282						Yes	** NA **			None
283	M283						Yes	** NA **			None
284	M284	BenPIN	BenPIN				Yes	** NA **			None
285	M285	BenPIN	BenPIN				Yes	** NA **			None
286	M286	BenPIN	BenPIN				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-52.9	2
2	MP2A	My	.018	2
3	MP2A	Mz	0	2
4	MP2B	Y	-52.9	2
5	MP2B	My	-.009	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2B	Mz	.015	2
7	MP2C	Y	-52.9	2
8	MP2C	My	-.009	2
9	MP2C	Mz	-.015	2
10	MP3A	Y	-25.8	.5
11	MP3A	My	-.013	.5
12	MP3A	Mz	-.017	.5
13	MP3A	Y	-25.8	5.5
14	MP3A	My	-.013	5.5
15	MP3A	Mz	-.017	5.5
16	MP3B	Y	-25.8	.5
17	MP3B	My	.021	.5
18	MP3B	Mz	-.003	.5
19	MP3B	Y	-25.8	5.5
20	MP3B	My	.021	5.5
21	MP3B	Mz	-.003	5.5
22	MP3C	Y	-25.8	.5
23	MP3C	My	-.008	.5
24	MP3C	Mz	.02	.5
25	MP3C	Y	-25.8	5.5
26	MP3C	My	-.008	5.5
27	MP3C	Mz	.02	5.5
28	MP3A	Y	-25.8	.5
29	MP3A	My	-.013	.5
30	MP3A	Mz	.017	.5
31	MP3A	Y	-25.8	5.5
32	MP3A	My	-.013	5.5
33	MP3A	Mz	.017	5.5
34	MP3B	Y	-25.8	.5
35	MP3B	My	-.008	.5
36	MP3B	Mz	-.02	.5
37	MP3B	Y	-25.8	5.5
38	MP3B	My	-.008	5.5
39	MP3B	Mz	-.02	5.5
40	MP3C	Y	-25.8	.5
41	MP3C	My	.021	.5
42	MP3C	Mz	.003	.5
43	MP3C	Y	-25.8	5.5
44	MP3C	My	.021	5.5
45	MP3C	Mz	.003	5.5
46	MP2A	Y	-43.55	2.5
47	MP2A	My	-.022	2.5
48	MP2A	Mz	0	2.5
49	MP2A	Y	-43.55	3.5
50	MP2A	My	-.022	3.5
51	MP2A	Mz	0	3.5
52	MP2B	Y	-43.55	2.5
53	MP2B	My	.011	2.5
54	MP2B	Mz	-.019	2.5
55	MP2B	Y	-43.55	3.5
56	MP2B	My	.011	3.5
57	MP2B	Mz	-.019	3.5
58	MP2C	Y	-43.55	2.5
59	MP2C	My	.011	2.5
60	MP2C	Mz	.019	2.5
61	MP2C	Y	-43.55	3.5
62	MP2C	My	.011	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP2C	Mz	.019	3.5
64	M250	Y	-32	2
65	M250	My	0	2
66	M250	Mz	0	2
67	MP3A	Y	-84.4	2
68	MP3A	My	.042	2
69	MP3A	Mz	0	2
70	MP3B	Y	-84.4	2
71	MP3B	My	-.021	2
72	MP3B	Mz	.037	2
73	MP3C	Y	-84.4	2
74	MP3C	My	-.021	2
75	MP3C	Mz	-.037	2
76	MP4A	Y	-70.3	2
77	MP4A	My	.035	2
78	MP4A	Mz	0	2
79	MP4B	Y	-70.3	2
80	MP4B	My	-.018	2
81	MP4B	Mz	.03	2
82	MP4C	Y	-70.3	2
83	MP4C	My	-.018	2
84	MP4C	Mz	-.03	2

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-38.629	2
2	MP2A	My	.013	2
3	MP2A	Mz	0	2
4	MP2B	Y	-38.629	2
5	MP2B	My	-.006	2
6	MP2B	Mz	.011	2
7	MP2C	Y	-38.629	2
8	MP2C	My	-.006	2
9	MP2C	Mz	-.011	2
10	MP3A	Y	-81.814	.5
11	MP3A	My	-.041	.5
12	MP3A	Mz	-.055	.5
13	MP3A	Y	-81.814	5.5
14	MP3A	My	-.041	5.5
15	MP3A	Mz	-.055	5.5
16	MP3B	Y	-81.814	.5
17	MP3B	My	.068	.5
18	MP3B	Mz	-.008	.5
19	MP3B	Y	-81.814	5.5
20	MP3B	My	.068	5.5
21	MP3B	Mz	-.008	5.5
22	MP3C	Y	-81.814	.5
23	MP3C	My	-.027	.5
24	MP3C	Mz	.063	.5
25	MP3C	Y	-81.814	5.5
26	MP3C	My	-.027	5.5
27	MP3C	Mz	.063	5.5
28	MP3A	Y	-81.814	.5
29	MP3A	My	-.041	.5
30	MP3A	Mz	.055	.5
31	MP3A	Y	-81.814	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP3A	My	-.041	5.5
33	MP3A	Mz	.055	5.5
34	MP3B	Y	-81.814	.5
35	MP3B	My	-.027	.5
36	MP3B	Mz	-.063	.5
37	MP3B	Y	-81.814	5.5
38	MP3B	My	-.027	5.5
39	MP3B	Mz	-.063	5.5
40	MP3C	Y	-81.814	.5
41	MP3C	My	.068	.5
42	MP3C	Mz	.008	.5
43	MP3C	Y	-81.814	5.5
44	MP3C	My	.068	5.5
45	MP3C	Mz	.008	5.5
46	MP2A	Y	-36.768	2.5
47	MP2A	My	-.018	2.5
48	MP2A	Mz	0	2.5
49	MP2A	Y	-36.768	3.5
50	MP2A	My	-.018	3.5
51	MP2A	Mz	0	3.5
52	MP2B	Y	-36.768	2.5
53	MP2B	My	.009	2.5
54	MP2B	Mz	-.016	2.5
55	MP2B	Y	-36.768	3.5
56	MP2B	My	.009	3.5
57	MP2B	Mz	-.016	3.5
58	MP2C	Y	-36.768	2.5
59	MP2C	My	.009	2.5
60	MP2C	Mz	.016	2.5
61	MP2C	Y	-36.768	3.5
62	MP2C	My	.009	3.5
63	MP2C	Mz	.016	3.5
64	M250	Y	-90.714	2
65	M250	My	0	2
66	M250	Mz	0	2
67	MP3A	Y	-46.378	2
68	MP3A	My	.023	2
69	MP3A	Mz	0	2
70	MP3B	Y	-46.378	2
71	MP3B	My	-.012	2
72	MP3B	Mz	.02	2
73	MP3C	Y	-46.378	2
74	MP3C	My	-.012	2
75	MP3C	Mz	-.02	2
76	MP4A	Y	-41.718	2
77	MP4A	My	.021	2
78	MP4A	Mz	0	2
79	MP4B	Y	-41.718	2
80	MP4B	My	-.01	2
81	MP4B	Mz	.018	2
82	MP4C	Y	-41.718	2
83	MP4C	My	-.01	2
84	MP4C	Mz	-.018	2

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	-76.72	2
3	MP2A	Mx	0	2
4	MP2B	X	0	2
5	MP2B	Z	-43.292	2
6	MP2B	Mx	-.012	2
7	MP2C	X	0	2
8	MP2C	Z	-43.292	2
9	MP2C	Mx	.012	2
10	MP3A	X	0	.5
11	MP3A	Z	-222.919	.5
12	MP3A	Mx	.149	.5
13	MP3A	X	0	5.5
14	MP3A	Z	-222.919	5.5
15	MP3A	Mx	.149	5.5
16	MP3B	X	0	.5
17	MP3B	Z	-168.103	.5
18	MP3B	Mx	.017	.5
19	MP3B	X	0	5.5
20	MP3B	Z	-168.103	5.5
21	MP3B	Mx	.017	5.5
22	MP3C	X	0	.5
23	MP3C	Z	-168.103	.5
24	MP3C	Mx	-.129	.5
25	MP3C	X	0	5.5
26	MP3C	Z	-168.103	5.5
27	MP3C	Mx	-.129	5.5
28	MP3A	X	0	.5
29	MP3A	Z	-222.919	.5
30	MP3A	Mx	-.149	.5
31	MP3A	X	0	5.5
32	MP3A	Z	-222.919	5.5
33	MP3A	Mx	-.149	5.5
34	MP3B	X	0	.5
35	MP3B	Z	-168.103	.5
36	MP3B	Mx	.129	.5
37	MP3B	X	0	5.5
38	MP3B	Z	-168.103	5.5
39	MP3B	Mx	.129	5.5
40	MP3C	X	0	.5
41	MP3C	Z	-168.103	.5
42	MP3C	Mx	-.017	.5
43	MP3C	X	0	5.5
44	MP3C	Z	-168.103	5.5
45	MP3C	Mx	-.017	5.5
46	MP2A	X	0	2.5
47	MP2A	Z	-91.986	2.5
48	MP2A	Mx	0	2.5
49	MP2A	X	0	3.5
50	MP2A	Z	-91.986	3.5
51	MP2A	Mx	0	3.5
52	MP2B	X	0	2.5
53	MP2B	Z	-50.006	2.5
54	MP2B	Mx	.022	2.5
55	MP2B	X	0	3.5
56	MP2B	Z	-50.006	3.5
57	MP2B	Mx	.022	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2C	X	0	2.5
59	MP2C	Z	-50.006	2.5
60	MP2C	Mx	-.022	2.5
61	MP2C	X	0	3.5
62	MP2C	Z	-50.006	3.5
63	MP2C	Mx	-.022	3.5
64	M250	X	0	2
65	M250	Z	-158.92	2
66	M250	Mx	0	2
67	MP3A	X	0	2
68	MP3A	Z	-73.197	2
69	MP3A	Mx	0	2
70	MP3B	X	0	2
71	MP3B	Z	-54.996	2
72	MP3B	Mx	-.024	2
73	MP3C	X	0	2
74	MP3C	Z	-54.996	2
75	MP3C	Mx	.024	2
76	MP4A	X	0	2
77	MP4A	Z	-73.197	2
78	MP4A	Mx	0	2
79	MP4B	X	0	2
80	MP4B	Z	-48.023	2
81	MP4B	Mx	-.021	2
82	MP4C	X	0	2
83	MP4C	Z	-48.023	2
84	MP4C	Mx	.021	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	32.789	2
2	MP2A	Z	-56.792	2
3	MP2A	Mx	.011	2
4	MP2B	X	16.075	2
5	MP2B	Z	-27.842	2
6	MP2B	Mx	-.011	2
7	MP2C	X	32.789	2
8	MP2C	Z	-56.792	2
9	MP2C	Mx	.011	2
10	MP3A	X	102.323	.5
11	MP3A	Z	-177.229	.5
12	MP3A	Mx	.067	.5
13	MP3A	X	102.323	5.5
14	MP3A	Z	-177.229	5.5
15	MP3A	Mx	.067	5.5
16	MP3B	X	74.915	.5
17	MP3B	Z	-129.757	.5
18	MP3B	Mx	.075	.5
19	MP3B	X	74.915	5.5
20	MP3B	Z	-129.757	5.5
21	MP3B	Mx	.075	5.5
22	MP3C	X	102.323	.5
23	MP3C	Z	-177.229	.5
24	MP3C	Mx	-.169	.5
25	MP3C	X	102.323	5.5
26	MP3C	Z	-177.229	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3C	Mx	-.169	5.5
28	MP3A	X	102.323	.5
29	MP3A	Z	-177.229	.5
30	MP3A	Mx	-.169	.5
31	MP3A	X	102.323	5.5
32	MP3A	Z	-177.229	5.5
33	MP3A	Mx	-.169	5.5
34	MP3B	X	74.915	.5
35	MP3B	Z	-129.757	.5
36	MP3B	Mx	.075	.5
37	MP3B	X	74.915	5.5
38	MP3B	Z	-129.757	5.5
39	MP3B	Mx	.075	5.5
40	MP3C	X	102.323	.5
41	MP3C	Z	-177.229	.5
42	MP3C	Mx	.067	.5
43	MP3C	X	102.323	5.5
44	MP3C	Z	-177.229	5.5
45	MP3C	Mx	.067	5.5
46	MP2A	X	38.996	2.5
47	MP2A	Z	-67.543	2.5
48	MP2A	Mx	-.019	2.5
49	MP2A	X	38.996	3.5
50	MP2A	Z	-67.543	3.5
51	MP2A	Mx	-.019	3.5
52	MP2B	X	18.006	2.5
53	MP2B	Z	-31.188	2.5
54	MP2B	Mx	.018	2.5
55	MP2B	X	18.006	3.5
56	MP2B	Z	-31.188	3.5
57	MP2B	Mx	.018	3.5
58	MP2C	X	38.996	2.5
59	MP2C	Z	-67.543	2.5
60	MP2C	Mx	-.019	2.5
61	MP2C	X	38.996	3.5
62	MP2C	Z	-67.543	3.5
63	MP2C	Mx	-.019	3.5
64	M250	X	74.751	2
65	M250	Z	-129.472	2
66	M250	Mx	0	2
67	MP3A	X	33.565	2
68	MP3A	Z	-58.136	2
69	MP3A	Mx	.017	2
70	MP3B	X	24.464	2
71	MP3B	Z	-42.373	2
72	MP3B	Mx	-.024	2
73	MP3C	X	33.565	2
74	MP3C	Z	-58.136	2
75	MP3C	Mx	.017	2
76	MP4A	X	32.403	2
77	MP4A	Z	-56.124	2
78	MP4A	Mx	.016	2
79	MP4B	X	19.816	2
80	MP4B	Z	-34.323	2
81	MP4B	Mx	-.02	2
82	MP4C	X	32.403	2
83	MP4C	Z	-56.124	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP4C	Mx	.016	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	37.492	2
2	MP2A	Z	-21.646	2
3	MP2A	Mx	.012	2
4	MP2B	X	37.492	2
5	MP2B	Z	-21.646	2
6	MP2B	Mx	-.012	2
7	MP2C	X	66.442	2
8	MP2C	Z	-38.36	2
9	MP2C	Mx	0	2
10	MP3A	X	145.581	.5
11	MP3A	Z	-84.051	.5
12	MP3A	Mx	-.017	.5
13	MP3A	X	145.581	5.5
14	MP3A	Z	-84.051	5.5
15	MP3A	Mx	-.017	5.5
16	MP3B	X	145.581	.5
17	MP3B	Z	-84.051	.5
18	MP3B	Mx	.129	.5
19	MP3B	X	145.581	5.5
20	MP3B	Z	-84.051	5.5
21	MP3B	Mx	.129	5.5
22	MP3C	X	193.054	.5
23	MP3C	Z	-111.459	.5
24	MP3C	Mx	-.149	.5
25	MP3C	X	193.054	5.5
26	MP3C	Z	-111.459	5.5
27	MP3C	Mx	-.149	5.5
28	MP3A	X	145.581	.5
29	MP3A	Z	-84.051	.5
30	MP3A	Mx	-.129	.5
31	MP3A	X	145.581	5.5
32	MP3A	Z	-84.051	5.5
33	MP3A	Mx	-.129	5.5
34	MP3B	X	145.581	.5
35	MP3B	Z	-84.051	.5
36	MP3B	Mx	.017	.5
37	MP3B	X	145.581	5.5
38	MP3B	Z	-84.051	5.5
39	MP3B	Mx	.017	5.5
40	MP3C	X	193.054	.5
41	MP3C	Z	-111.459	.5
42	MP3C	Mx	.149	.5
43	MP3C	X	193.054	5.5
44	MP3C	Z	-111.459	5.5
45	MP3C	Mx	.149	5.5
46	MP2A	X	43.306	2.5
47	MP2A	Z	-25.003	2.5
48	MP2A	Mx	-.022	2.5
49	MP2A	X	43.306	3.5
50	MP2A	Z	-25.003	3.5
51	MP2A	Mx	-.022	3.5
52	MP2B	X	43.306	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2B	Z	-25.003	2.5
54	MP2B	Mx	.022	2.5
55	MP2B	X	43.306	3.5
56	MP2B	Z	-25.003	3.5
57	MP2B	Mx	.022	3.5
58	MP2C	X	79.662	2.5
59	MP2C	Z	-45.993	2.5
60	MP2C	Mx	0	2.5
61	MP2C	X	79.662	3.5
62	MP2C	Z	-45.993	3.5
63	MP2C	Mx	0	3.5
64	M250	X	113.158	2
65	M250	Z	-65.332	2
66	M250	Mx	0	2
67	MP3A	X	47.628	2
68	MP3A	Z	-27.498	2
69	MP3A	Mx	.024	2
70	MP3B	X	47.628	2
71	MP3B	Z	-27.498	2
72	MP3B	Mx	-.024	2
73	MP3C	X	63.391	2
74	MP3C	Z	-36.599	2
75	MP3C	Mx	0	2
76	MP4A	X	41.59	2
77	MP4A	Z	-24.012	2
78	MP4A	Mx	.021	2
79	MP4B	X	41.59	2
80	MP4B	Z	-24.012	2
81	MP4B	Mx	-.021	2
82	MP4C	X	63.391	2
83	MP4C	Z	-36.599	2
84	MP4C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	32.149	2
2	MP2A	Z	0	2
3	MP2A	Mx	.011	2
4	MP2B	X	65.577	2
5	MP2B	Z	0	2
6	MP2B	Mx	-.011	2
7	MP2C	X	65.577	2
8	MP2C	Z	0	2
9	MP2C	Mx	-.011	2
10	MP3A	X	149.83	.5
11	MP3A	Z	0	.5
12	MP3A	Mx	-.075	.5
13	MP3A	X	149.83	5.5
14	MP3A	Z	0	5.5
15	MP3A	Mx	-.075	5.5
16	MP3B	X	204.647	.5
17	MP3B	Z	0	.5
18	MP3B	Mx	.169	.5
19	MP3B	X	204.647	5.5
20	MP3B	Z	0	5.5
21	MP3B	Mx	.169	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3C	X	204.647	.5
23	MP3C	Z	0	.5
24	MP3C	Mx	-.067	.5
25	MP3C	X	204.647	5.5
26	MP3C	Z	0	5.5
27	MP3C	Mx	-.067	5.5
28	MP3A	X	149.83	.5
29	MP3A	Z	0	.5
30	MP3A	Mx	-.075	.5
31	MP3A	X	149.83	5.5
32	MP3A	Z	0	5.5
33	MP3A	Mx	-.075	5.5
34	MP3B	X	204.647	.5
35	MP3B	Z	0	.5
36	MP3B	Mx	-.067	.5
37	MP3B	X	204.647	5.5
38	MP3B	Z	0	5.5
39	MP3B	Mx	-.067	5.5
40	MP3C	X	204.647	.5
41	MP3C	Z	0	.5
42	MP3C	Mx	.169	.5
43	MP3C	X	204.647	5.5
44	MP3C	Z	0	5.5
45	MP3C	Mx	.169	5.5
46	MP2A	X	36.012	2.5
47	MP2A	Z	0	2.5
48	MP2A	Mx	-.018	2.5
49	MP2A	X	36.012	3.5
50	MP2A	Z	0	3.5
51	MP2A	Mx	-.018	3.5
52	MP2B	X	77.992	2.5
53	MP2B	Z	0	2.5
54	MP2B	Mx	.019	2.5
55	MP2B	X	77.992	3.5
56	MP2B	Z	0	3.5
57	MP2B	Mx	.019	3.5
58	MP2C	X	77.992	2.5
59	MP2C	Z	0	2.5
60	MP2C	Mx	.019	2.5
61	MP2C	X	77.992	3.5
62	MP2C	Z	0	3.5
63	MP2C	Mx	.019	3.5
64	M250	X	121.245	2
65	M250	Z	0	2
66	M250	Mx	0	2
67	MP3A	X	48.929	2
68	MP3A	Z	0	2
69	MP3A	Mx	.024	2
70	MP3B	X	67.13	2
71	MP3B	Z	0	2
72	MP3B	Mx	-.017	2
73	MP3C	X	67.13	2
74	MP3C	Z	0	2
75	MP3C	Mx	-.017	2
76	MP4A	X	39.632	2
77	MP4A	Z	0	2
78	MP4A	Mx	.02	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP4B	X	64.806	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.016	2
82	MP4C	X	64.806	2
83	MP4C	Z	0	2
84	MP4C	Mx	-.016	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	37.492	2
2	MP2A	Z	21.646	2
3	MP2A	Mx	.012	2
4	MP2B	X	66.442	2
5	MP2B	Z	38.36	2
6	MP2B	Mx	0	2
7	MP2C	X	37.492	2
8	MP2C	Z	21.646	2
9	MP2C	Mx	-.012	2
10	MP3A	X	145.581	.5
11	MP3A	Z	84.051	.5
12	MP3A	Mx	-.129	.5
13	MP3A	X	145.581	5.5
14	MP3A	Z	84.051	5.5
15	MP3A	Mx	-.129	5.5
16	MP3B	X	193.054	.5
17	MP3B	Z	111.459	.5
18	MP3B	Mx	.149	.5
19	MP3B	X	193.054	5.5
20	MP3B	Z	111.459	5.5
21	MP3B	Mx	.149	5.5
22	MP3C	X	145.581	.5
23	MP3C	Z	84.051	.5
24	MP3C	Mx	.017	.5
25	MP3C	X	145.581	5.5
26	MP3C	Z	84.051	5.5
27	MP3C	Mx	.017	5.5
28	MP3A	X	145.581	.5
29	MP3A	Z	84.051	.5
30	MP3A	Mx	-.017	.5
31	MP3A	X	145.581	5.5
32	MP3A	Z	84.051	5.5
33	MP3A	Mx	-.017	5.5
34	MP3B	X	193.054	.5
35	MP3B	Z	111.459	.5
36	MP3B	Mx	-.149	.5
37	MP3B	X	193.054	5.5
38	MP3B	Z	111.459	5.5
39	MP3B	Mx	-.149	5.5
40	MP3C	X	145.581	.5
41	MP3C	Z	84.051	.5
42	MP3C	Mx	.129	.5
43	MP3C	X	145.581	5.5
44	MP3C	Z	84.051	5.5
45	MP3C	Mx	.129	5.5
46	MP2A	X	43.306	2.5
47	MP2A	Z	25.003	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2A	Mx	-.022	2.5
49	MP2A	X	43.306	3.5
50	MP2A	Z	25.003	3.5
51	MP2A	Mx	-.022	3.5
52	MP2B	X	79.662	2.5
53	MP2B	Z	45.993	2.5
54	MP2B	Mx	0	2.5
55	MP2B	X	79.662	3.5
56	MP2B	Z	45.993	3.5
57	MP2B	Mx	0	3.5
58	MP2C	X	43.306	2.5
59	MP2C	Z	25.003	2.5
60	MP2C	Mx	.022	2.5
61	MP2C	X	43.306	3.5
62	MP2C	Z	25.003	3.5
63	MP2C	Mx	.022	3.5
64	M250	X	113.158	2
65	M250	Z	65.332	2
66	M250	Mx	0	2
67	MP3A	X	47.628	2
68	MP3A	Z	27.498	2
69	MP3A	Mx	.024	2
70	MP3B	X	63.391	2
71	MP3B	Z	36.599	2
72	MP3B	Mx	0	2
73	MP3C	X	47.628	2
74	MP3C	Z	27.498	2
75	MP3C	Mx	-.024	2
76	MP4A	X	41.59	2
77	MP4A	Z	24.012	2
78	MP4A	Mx	.021	2
79	MP4B	X	63.391	2
80	MP4B	Z	36.599	2
81	MP4B	Mx	0	2
82	MP4C	X	41.59	2
83	MP4C	Z	24.012	2
84	MP4C	Mx	-.021	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	32.789	2
2	MP2A	Z	56.792	2
3	MP2A	Mx	.011	2
4	MP2B	X	32.789	2
5	MP2B	Z	56.792	2
6	MP2B	Mx	.011	2
7	MP2C	X	16.075	2
8	MP2C	Z	27.842	2
9	MP2C	Mx	-.011	2
10	MP3A	X	102.323	.5
11	MP3A	Z	177.229	.5
12	MP3A	Mx	-.169	.5
13	MP3A	X	102.323	5.5
14	MP3A	Z	177.229	5.5
15	MP3A	Mx	-.169	5.5
16	MP3B	X	102.323	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP3B	Z	177.229	.5
18	MP3B	Mx	.067	.5
19	MP3B	X	102.323	5.5
20	MP3B	Z	177.229	5.5
21	MP3B	Mx	.067	5.5
22	MP3C	X	74.915	.5
23	MP3C	Z	129.757	.5
24	MP3C	Mx	.075	.5
25	MP3C	X	74.915	5.5
26	MP3C	Z	129.757	5.5
27	MP3C	Mx	.075	5.5
28	MP3A	X	102.323	.5
29	MP3A	Z	177.229	.5
30	MP3A	Mx	.067	.5
31	MP3A	X	102.323	5.5
32	MP3A	Z	177.229	5.5
33	MP3A	Mx	.067	5.5
34	MP3B	X	102.323	.5
35	MP3B	Z	177.229	.5
36	MP3B	Mx	-.169	.5
37	MP3B	X	102.323	5.5
38	MP3B	Z	177.229	5.5
39	MP3B	Mx	-.169	5.5
40	MP3C	X	74.915	.5
41	MP3C	Z	129.757	.5
42	MP3C	Mx	.075	.5
43	MP3C	X	74.915	5.5
44	MP3C	Z	129.757	5.5
45	MP3C	Mx	.075	5.5
46	MP2A	X	38.996	2.5
47	MP2A	Z	67.543	2.5
48	MP2A	Mx	-.019	2.5
49	MP2A	X	38.996	3.5
50	MP2A	Z	67.543	3.5
51	MP2A	Mx	-.019	3.5
52	MP2B	X	38.996	2.5
53	MP2B	Z	67.543	2.5
54	MP2B	Mx	-.019	2.5
55	MP2B	X	38.996	3.5
56	MP2B	Z	67.543	3.5
57	MP2B	Mx	-.019	3.5
58	MP2C	X	18.006	2.5
59	MP2C	Z	31.188	2.5
60	MP2C	Mx	.018	2.5
61	MP2C	X	18.006	3.5
62	MP2C	Z	31.188	3.5
63	MP2C	Mx	.018	3.5
64	M250	X	74.751	2
65	M250	Z	129.472	2
66	M250	Mx	0	2
67	MP3A	X	33.565	2
68	MP3A	Z	58.136	2
69	MP3A	Mx	.017	2
70	MP3B	X	33.565	2
71	MP3B	Z	58.136	2
72	MP3B	Mx	.017	2
73	MP3C	X	24.464	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	42.373	2
75	MP3C	Mx	-.024	2
76	MP4A	X	32.403	2
77	MP4A	Z	56.124	2
78	MP4A	Mx	.016	2
79	MP4B	X	32.403	2
80	MP4B	Z	56.124	2
81	MP4B	Mx	.016	2
82	MP4C	X	19.816	2
83	MP4C	Z	34.323	2
84	MP4C	Mx	-.02	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	76.72	2
3	MP2A	Mx	0	2
4	MP2B	X	0	2
5	MP2B	Z	43.292	2
6	MP2B	Mx	.012	2
7	MP2C	X	0	2
8	MP2C	Z	43.292	2
9	MP2C	Mx	-.012	2
10	MP3A	X	0	.5
11	MP3A	Z	222.919	.5
12	MP3A	Mx	-.149	.5
13	MP3A	X	0	5.5
14	MP3A	Z	222.919	5.5
15	MP3A	Mx	-.149	5.5
16	MP3B	X	0	.5
17	MP3B	Z	168.103	.5
18	MP3B	Mx	-.017	.5
19	MP3B	X	0	5.5
20	MP3B	Z	168.103	5.5
21	MP3B	Mx	-.017	5.5
22	MP3C	X	0	.5
23	MP3C	Z	168.103	.5
24	MP3C	Mx	.129	.5
25	MP3C	X	0	5.5
26	MP3C	Z	168.103	5.5
27	MP3C	Mx	.129	5.5
28	MP3A	X	0	.5
29	MP3A	Z	222.919	.5
30	MP3A	Mx	.149	.5
31	MP3A	X	0	5.5
32	MP3A	Z	222.919	5.5
33	MP3A	Mx	.149	5.5
34	MP3B	X	0	.5
35	MP3B	Z	168.103	.5
36	MP3B	Mx	-.129	.5
37	MP3B	X	0	5.5
38	MP3B	Z	168.103	5.5
39	MP3B	Mx	-.129	5.5
40	MP3C	X	0	.5
41	MP3C	Z	168.103	.5
42	MP3C	Mx	.017	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3C	X	0	5.5
44	MP3C	Z	168.103	5.5
45	MP3C	Mx	.017	5.5
46	MP2A	X	0	2.5
47	MP2A	Z	91.986	2.5
48	MP2A	Mx	0	2.5
49	MP2A	X	0	3.5
50	MP2A	Z	91.986	3.5
51	MP2A	Mx	0	3.5
52	MP2B	X	0	2.5
53	MP2B	Z	50.006	2.5
54	MP2B	Mx	-.022	2.5
55	MP2B	X	0	3.5
56	MP2B	Z	50.006	3.5
57	MP2B	Mx	-.022	3.5
58	MP2C	X	0	2.5
59	MP2C	Z	50.006	2.5
60	MP2C	Mx	.022	2.5
61	MP2C	X	0	3.5
62	MP2C	Z	50.006	3.5
63	MP2C	Mx	.022	3.5
64	M250	X	0	2
65	M250	Z	158.92	2
66	M250	Mx	0	2
67	MP3A	X	0	2
68	MP3A	Z	73.197	2
69	MP3A	Mx	0	2
70	MP3B	X	0	2
71	MP3B	Z	54.996	2
72	MP3B	Mx	.024	2
73	MP3C	X	0	2
74	MP3C	Z	54.996	2
75	MP3C	Mx	-.024	2
76	MP4A	X	0	2
77	MP4A	Z	73.197	2
78	MP4A	Mx	0	2
79	MP4B	X	0	2
80	MP4B	Z	48.023	2
81	MP4B	Mx	.021	2
82	MP4C	X	0	2
83	MP4C	Z	48.023	2
84	MP4C	Mx	-.021	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-32.789	2
2	MP2A	Z	56.792	2
3	MP2A	Mx	-.011	2
4	MP2B	X	-16.075	2
5	MP2B	Z	27.842	2
6	MP2B	Mx	.011	2
7	MP2C	X	-32.789	2
8	MP2C	Z	56.792	2
9	MP2C	Mx	-.011	2
10	MP3A	X	-102.323	.5
11	MP3A	Z	177.229	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3A	Mx	-.067	.5
13	MP3A	X	-102.323	5.5
14	MP3A	Z	177.229	5.5
15	MP3A	Mx	-.067	5.5
16	MP3B	X	-74.915	.5
17	MP3B	Z	129.757	.5
18	MP3B	Mx	-.075	.5
19	MP3B	X	-74.915	5.5
20	MP3B	Z	129.757	5.5
21	MP3B	Mx	-.075	5.5
22	MP3C	X	-102.323	.5
23	MP3C	Z	177.229	.5
24	MP3C	Mx	.169	.5
25	MP3C	X	-102.323	5.5
26	MP3C	Z	177.229	5.5
27	MP3C	Mx	.169	5.5
28	MP3A	X	-102.323	.5
29	MP3A	Z	177.229	.5
30	MP3A	Mx	.169	.5
31	MP3A	X	-102.323	5.5
32	MP3A	Z	177.229	5.5
33	MP3A	Mx	.169	5.5
34	MP3B	X	-74.915	.5
35	MP3B	Z	129.757	.5
36	MP3B	Mx	-.075	.5
37	MP3B	X	-74.915	5.5
38	MP3B	Z	129.757	5.5
39	MP3B	Mx	-.075	5.5
40	MP3C	X	-102.323	.5
41	MP3C	Z	177.229	.5
42	MP3C	Mx	-.067	.5
43	MP3C	X	-102.323	5.5
44	MP3C	Z	177.229	5.5
45	MP3C	Mx	-.067	5.5
46	MP2A	X	-38.996	2.5
47	MP2A	Z	67.543	2.5
48	MP2A	Mx	.019	2.5
49	MP2A	X	-38.996	3.5
50	MP2A	Z	67.543	3.5
51	MP2A	Mx	.019	3.5
52	MP2B	X	-18.006	2.5
53	MP2B	Z	31.188	2.5
54	MP2B	Mx	-.018	2.5
55	MP2B	X	-18.006	3.5
56	MP2B	Z	31.188	3.5
57	MP2B	Mx	-.018	3.5
58	MP2C	X	-38.996	2.5
59	MP2C	Z	67.543	2.5
60	MP2C	Mx	.019	2.5
61	MP2C	X	-38.996	3.5
62	MP2C	Z	67.543	3.5
63	MP2C	Mx	.019	3.5
64	M250	X	-74.751	2
65	M250	Z	129.472	2
66	M250	Mx	0	2
67	MP3A	X	-33.565	2
68	MP3A	Z	58.136	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3A	Mx	-.017	2
70	MP3B	X	-24.464	2
71	MP3B	Z	42.373	2
72	MP3B	Mx	.024	2
73	MP3C	X	-33.565	2
74	MP3C	Z	58.136	2
75	MP3C	Mx	-.017	2
76	MP4A	X	-32.403	2
77	MP4A	Z	56.124	2
78	MP4A	Mx	-.016	2
79	MP4B	X	-19.816	2
80	MP4B	Z	34.323	2
81	MP4B	Mx	.02	2
82	MP4C	X	-32.403	2
83	MP4C	Z	56.124	2
84	MP4C	Mx	-.016	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-37.492	2
2	MP2A	Z	21.646	2
3	MP2A	Mx	-.012	2
4	MP2B	X	-37.492	2
5	MP2B	Z	21.646	2
6	MP2B	Mx	.012	2
7	MP2C	X	-66.442	2
8	MP2C	Z	38.36	2
9	MP2C	Mx	0	2
10	MP3A	X	-145.581	.5
11	MP3A	Z	84.051	.5
12	MP3A	Mx	.017	.5
13	MP3A	X	-145.581	5.5
14	MP3A	Z	84.051	5.5
15	MP3A	Mx	.017	5.5
16	MP3B	X	-145.581	.5
17	MP3B	Z	84.051	.5
18	MP3B	Mx	-.129	.5
19	MP3B	X	-145.581	5.5
20	MP3B	Z	84.051	5.5
21	MP3B	Mx	-.129	5.5
22	MP3C	X	-193.054	.5
23	MP3C	Z	111.459	.5
24	MP3C	Mx	.149	.5
25	MP3C	X	-193.054	5.5
26	MP3C	Z	111.459	5.5
27	MP3C	Mx	.149	5.5
28	MP3A	X	-145.581	.5
29	MP3A	Z	84.051	.5
30	MP3A	Mx	.129	.5
31	MP3A	X	-145.581	5.5
32	MP3A	Z	84.051	5.5
33	MP3A	Mx	.129	5.5
34	MP3B	X	-145.581	.5
35	MP3B	Z	84.051	.5
36	MP3B	Mx	-.017	.5
37	MP3B	X	-145.581	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3B	Z	84.051	5.5
39	MP3B	Mx	-.017	5.5
40	MP3C	X	-193.054	.5
41	MP3C	Z	111.459	.5
42	MP3C	Mx	-.149	.5
43	MP3C	X	-193.054	5.5
44	MP3C	Z	111.459	5.5
45	MP3C	Mx	-.149	5.5
46	MP2A	X	-43.306	2.5
47	MP2A	Z	25.003	2.5
48	MP2A	Mx	.022	2.5
49	MP2A	X	-43.306	3.5
50	MP2A	Z	25.003	3.5
51	MP2A	Mx	.022	3.5
52	MP2B	X	-43.306	2.5
53	MP2B	Z	25.003	2.5
54	MP2B	Mx	-.022	2.5
55	MP2B	X	-43.306	3.5
56	MP2B	Z	25.003	3.5
57	MP2B	Mx	-.022	3.5
58	MP2C	X	-79.662	2.5
59	MP2C	Z	45.993	2.5
60	MP2C	Mx	0	2.5
61	MP2C	X	-79.662	3.5
62	MP2C	Z	45.993	3.5
63	MP2C	Mx	0	3.5
64	M250	X	-113.158	2
65	M250	Z	65.332	2
66	M250	Mx	0	2
67	MP3A	X	-47.628	2
68	MP3A	Z	27.498	2
69	MP3A	Mx	-.024	2
70	MP3B	X	-47.628	2
71	MP3B	Z	27.498	2
72	MP3B	Mx	.024	2
73	MP3C	X	-63.391	2
74	MP3C	Z	36.599	2
75	MP3C	Mx	0	2
76	MP4A	X	-41.59	2
77	MP4A	Z	24.012	2
78	MP4A	Mx	-.021	2
79	MP4B	X	-41.59	2
80	MP4B	Z	24.012	2
81	MP4B	Mx	.021	2
82	MP4C	X	-63.391	2
83	MP4C	Z	36.599	2
84	MP4C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-32.149	2
2	MP2A	Z	0	2
3	MP2A	Mx	-.011	2
4	MP2B	X	-65.577	2
5	MP2B	Z	0	2
6	MP2B	Mx	.011	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP2C	X	-65.577	2
8	MP2C	Z	0	2
9	MP2C	Mx	.011	2
10	MP3A	X	-149.83	.5
11	MP3A	Z	0	.5
12	MP3A	Mx	.075	.5
13	MP3A	X	-149.83	5.5
14	MP3A	Z	0	5.5
15	MP3A	Mx	.075	5.5
16	MP3B	X	-204.647	.5
17	MP3B	Z	0	.5
18	MP3B	Mx	-.169	.5
19	MP3B	X	-204.647	5.5
20	MP3B	Z	0	5.5
21	MP3B	Mx	-.169	5.5
22	MP3C	X	-204.647	.5
23	MP3C	Z	0	.5
24	MP3C	Mx	.067	.5
25	MP3C	X	-204.647	5.5
26	MP3C	Z	0	5.5
27	MP3C	Mx	.067	5.5
28	MP3A	X	-149.83	.5
29	MP3A	Z	0	.5
30	MP3A	Mx	.075	.5
31	MP3A	X	-149.83	5.5
32	MP3A	Z	0	5.5
33	MP3A	Mx	.075	5.5
34	MP3B	X	-204.647	.5
35	MP3B	Z	0	.5
36	MP3B	Mx	.067	.5
37	MP3B	X	-204.647	5.5
38	MP3B	Z	0	5.5
39	MP3B	Mx	.067	5.5
40	MP3C	X	-204.647	.5
41	MP3C	Z	0	.5
42	MP3C	Mx	-.169	.5
43	MP3C	X	-204.647	5.5
44	MP3C	Z	0	5.5
45	MP3C	Mx	-.169	5.5
46	MP2A	X	-36.012	2.5
47	MP2A	Z	0	2.5
48	MP2A	Mx	.018	2.5
49	MP2A	X	-36.012	3.5
50	MP2A	Z	0	3.5
51	MP2A	Mx	.018	3.5
52	MP2B	X	-77.992	2.5
53	MP2B	Z	0	2.5
54	MP2B	Mx	-.019	2.5
55	MP2B	X	-77.992	3.5
56	MP2B	Z	0	3.5
57	MP2B	Mx	-.019	3.5
58	MP2C	X	-77.992	2.5
59	MP2C	Z	0	2.5
60	MP2C	Mx	-.019	2.5
61	MP2C	X	-77.992	3.5
62	MP2C	Z	0	3.5
63	MP2C	Mx	-.019	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	M250	X	-121.245	2
65	M250	Z	0	2
66	M250	Mx	0	2
67	MP3A	X	-48.929	2
68	MP3A	Z	0	2
69	MP3A	Mx	-.024	2
70	MP3B	X	-67.13	2
71	MP3B	Z	0	2
72	MP3B	Mx	.017	2
73	MP3C	X	-67.13	2
74	MP3C	Z	0	2
75	MP3C	Mx	.017	2
76	MP4A	X	-39.632	2
77	MP4A	Z	0	2
78	MP4A	Mx	-.02	2
79	MP4B	X	-64.806	2
80	MP4B	Z	0	2
81	MP4B	Mx	.016	2
82	MP4C	X	-64.806	2
83	MP4C	Z	0	2
84	MP4C	Mx	.016	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-37.492	2
2	MP2A	Z	-21.646	2
3	MP2A	Mx	-.012	2
4	MP2B	X	-66.442	2
5	MP2B	Z	-38.36	2
6	MP2B	Mx	0	2
7	MP2C	X	-37.492	2
8	MP2C	Z	-21.646	2
9	MP2C	Mx	.012	2
10	MP3A	X	-145.581	.5
11	MP3A	Z	-84.051	.5
12	MP3A	Mx	.129	.5
13	MP3A	X	-145.581	5.5
14	MP3A	Z	-84.051	5.5
15	MP3A	Mx	.129	5.5
16	MP3B	X	-193.054	.5
17	MP3B	Z	-111.459	.5
18	MP3B	Mx	-.149	.5
19	MP3B	X	-193.054	5.5
20	MP3B	Z	-111.459	5.5
21	MP3B	Mx	-.149	5.5
22	MP3C	X	-145.581	.5
23	MP3C	Z	-84.051	.5
24	MP3C	Mx	-.017	.5
25	MP3C	X	-145.581	5.5
26	MP3C	Z	-84.051	5.5
27	MP3C	Mx	-.017	5.5
28	MP3A	X	-145.581	.5
29	MP3A	Z	-84.051	.5
30	MP3A	Mx	.017	.5
31	MP3A	X	-145.581	5.5
32	MP3A	Z	-84.051	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3A	Mx	.017	5.5
34	MP3B	X	-193.054	.5
35	MP3B	Z	-111.459	.5
36	MP3B	Mx	.149	.5
37	MP3B	X	-193.054	5.5
38	MP3B	Z	-111.459	5.5
39	MP3B	Mx	.149	5.5
40	MP3C	X	-145.581	.5
41	MP3C	Z	-84.051	.5
42	MP3C	Mx	-.129	.5
43	MP3C	X	-145.581	5.5
44	MP3C	Z	-84.051	5.5
45	MP3C	Mx	-.129	5.5
46	MP2A	X	-43.306	2.5
47	MP2A	Z	-25.003	2.5
48	MP2A	Mx	.022	2.5
49	MP2A	X	-43.306	3.5
50	MP2A	Z	-25.003	3.5
51	MP2A	Mx	.022	3.5
52	MP2B	X	-79.662	2.5
53	MP2B	Z	-45.993	2.5
54	MP2B	Mx	0	2.5
55	MP2B	X	-79.662	3.5
56	MP2B	Z	-45.993	3.5
57	MP2B	Mx	0	3.5
58	MP2C	X	-43.306	2.5
59	MP2C	Z	-25.003	2.5
60	MP2C	Mx	-.022	2.5
61	MP2C	X	-43.306	3.5
62	MP2C	Z	-25.003	3.5
63	MP2C	Mx	-.022	3.5
64	M250	X	-113.158	2
65	M250	Z	-65.332	2
66	M250	Mx	0	2
67	MP3A	X	-47.628	2
68	MP3A	Z	-27.498	2
69	MP3A	Mx	-.024	2
70	MP3B	X	-63.391	2
71	MP3B	Z	-36.599	2
72	MP3B	Mx	0	2
73	MP3C	X	-47.628	2
74	MP3C	Z	-27.498	2
75	MP3C	Mx	.024	2
76	MP4A	X	-41.59	2
77	MP4A	Z	-24.012	2
78	MP4A	Mx	-.021	2
79	MP4B	X	-63.391	2
80	MP4B	Z	-36.599	2
81	MP4B	Mx	0	2
82	MP4C	X	-41.59	2
83	MP4C	Z	-24.012	2
84	MP4C	Mx	.021	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-32.789	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	Z	-56.792	2
3	MP2A	Mx	-.011	2
4	MP2B	X	-32.789	2
5	MP2B	Z	-56.792	2
6	MP2B	Mx	-.011	2
7	MP2C	X	-16.075	2
8	MP2C	Z	-27.842	2
9	MP2C	Mx	.011	2
10	MP3A	X	-102.323	.5
11	MP3A	Z	-177.229	.5
12	MP3A	Mx	.169	.5
13	MP3A	X	-102.323	5.5
14	MP3A	Z	-177.229	5.5
15	MP3A	Mx	.169	5.5
16	MP3B	X	-102.323	.5
17	MP3B	Z	-177.229	.5
18	MP3B	Mx	-.067	.5
19	MP3B	X	-102.323	5.5
20	MP3B	Z	-177.229	5.5
21	MP3B	Mx	-.067	5.5
22	MP3C	X	-74.915	.5
23	MP3C	Z	-129.757	.5
24	MP3C	Mx	-.075	.5
25	MP3C	X	-74.915	5.5
26	MP3C	Z	-129.757	5.5
27	MP3C	Mx	-.075	5.5
28	MP3A	X	-102.323	.5
29	MP3A	Z	-177.229	.5
30	MP3A	Mx	-.067	.5
31	MP3A	X	-102.323	5.5
32	MP3A	Z	-177.229	5.5
33	MP3A	Mx	-.067	5.5
34	MP3B	X	-102.323	.5
35	MP3B	Z	-177.229	.5
36	MP3B	Mx	.169	.5
37	MP3B	X	-102.323	5.5
38	MP3B	Z	-177.229	5.5
39	MP3B	Mx	.169	5.5
40	MP3C	X	-74.915	.5
41	MP3C	Z	-129.757	.5
42	MP3C	Mx	-.075	.5
43	MP3C	X	-74.915	5.5
44	MP3C	Z	-129.757	5.5
45	MP3C	Mx	-.075	5.5
46	MP2A	X	-38.996	2.5
47	MP2A	Z	-67.543	2.5
48	MP2A	Mx	.019	2.5
49	MP2A	X	-38.996	3.5
50	MP2A	Z	-67.543	3.5
51	MP2A	Mx	.019	3.5
52	MP2B	X	-38.996	2.5
53	MP2B	Z	-67.543	2.5
54	MP2B	Mx	.019	2.5
55	MP2B	X	-38.996	3.5
56	MP2B	Z	-67.543	3.5
57	MP2B	Mx	.019	3.5
58	MP2C	X	-18.006	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2C	Z	-31.188	2.5
60	MP2C	Mx	-.018	2.5
61	MP2C	X	-18.006	3.5
62	MP2C	Z	-31.188	3.5
63	MP2C	Mx	-.018	3.5
64	M250	X	-74.751	2
65	M250	Z	-129.472	2
66	M250	Mx	0	2
67	MP3A	X	-33.565	2
68	MP3A	Z	-58.136	2
69	MP3A	Mx	-.017	2
70	MP3B	X	-33.565	2
71	MP3B	Z	-58.136	2
72	MP3B	Mx	-.017	2
73	MP3C	X	-24.464	2
74	MP3C	Z	-42.373	2
75	MP3C	Mx	.024	2
76	MP4A	X	-32.403	2
77	MP4A	Z	-56.124	2
78	MP4A	Mx	-.016	2
79	MP4B	X	-32.403	2
80	MP4B	Z	-56.124	2
81	MP4B	Mx	-.016	2
82	MP4C	X	-19.816	2
83	MP4C	Z	-34.323	2
84	MP4C	Mx	.02	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	-17.555	2
3	MP2A	Mx	0	2
4	MP2B	X	0	2
5	MP2B	Z	-10.603	2
6	MP2B	Mx	-.003	2
7	MP2C	X	0	2
8	MP2C	Z	-10.603	2
9	MP2C	Mx	.003	2
10	MP3A	X	0	.5
11	MP3A	Z	-47.133	.5
12	MP3A	Mx	.031	.5
13	MP3A	X	0	5.5
14	MP3A	Z	-47.133	5.5
15	MP3A	Mx	.031	5.5
16	MP3B	X	0	.5
17	MP3B	Z	-36.301	.5
18	MP3B	Mx	.004	.5
19	MP3B	X	0	5.5
20	MP3B	Z	-36.301	5.5
21	MP3B	Mx	.004	5.5
22	MP3C	X	0	.5
23	MP3C	Z	-36.301	.5
24	MP3C	Mx	-.028	.5
25	MP3C	X	0	5.5
26	MP3C	Z	-36.301	5.5
27	MP3C	Mx	-.028	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP3A	X	0	.5
29	MP3A	Z	-47.133	.5
30	MP3A	Mx	-.031	.5
31	MP3A	X	0	5.5
32	MP3A	Z	-47.133	5.5
33	MP3A	Mx	-.031	5.5
34	MP3B	X	0	.5
35	MP3B	Z	-36.301	.5
36	MP3B	Mx	.028	.5
37	MP3B	X	0	5.5
38	MP3B	Z	-36.301	5.5
39	MP3B	Mx	.028	5.5
40	MP3C	X	0	.5
41	MP3C	Z	-36.301	.5
42	MP3C	Mx	-.004	.5
43	MP3C	X	0	5.5
44	MP3C	Z	-36.301	5.5
45	MP3C	Mx	-.004	5.5
46	MP2A	X	0	2.5
47	MP2A	Z	-20.059	2.5
48	MP2A	Mx	0	2.5
49	MP2A	X	0	3.5
50	MP2A	Z	-20.059	3.5
51	MP2A	Mx	0	3.5
52	MP2B	X	0	2.5
53	MP2B	Z	-11.439	2.5
54	MP2B	Mx	.005	2.5
55	MP2B	X	0	3.5
56	MP2B	Z	-11.439	3.5
57	MP2B	Mx	.005	3.5
58	MP2C	X	0	2.5
59	MP2C	Z	-11.439	2.5
60	MP2C	Mx	-.005	2.5
61	MP2C	X	0	3.5
62	MP2C	Z	-11.439	3.5
63	MP2C	Mx	-.005	3.5
64	M250	X	0	2
65	M250	Z	-34.748	2
66	M250	Mx	0	2
67	MP3A	X	0	2
68	MP3A	Z	-16.933	2
69	MP3A	Mx	0	2
70	MP3B	X	0	2
71	MP3B	Z	-13.077	2
72	MP3B	Mx	-.006	2
73	MP3C	X	0	2
74	MP3C	Z	-13.077	2
75	MP3C	Mx	.006	2
76	MP4A	X	0	2
77	MP4A	Z	-16.933	2
78	MP4A	Mx	0	2
79	MP4B	X	0	2
80	MP4B	Z	-11.612	2
81	MP4B	Mx	-.005	2
82	MP4C	X	0	2
83	MP4C	Z	-11.612	2
84	MP4C	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.619	2
2	MP2A	Z	-13.196	2
3	MP2A	Mx	.003	2
4	MP2B	X	4.143	2
5	MP2B	Z	-7.176	2
6	MP2B	Mx	-.003	2
7	MP2C	X	7.619	2
8	MP2C	Z	-13.196	2
9	MP2C	Mx	.003	2
10	MP3A	X	21.761	.5
11	MP3A	Z	-37.691	.5
12	MP3A	Mx	.014	.5
13	MP3A	X	21.761	5.5
14	MP3A	Z	-37.691	5.5
15	MP3A	Mx	.014	5.5
16	MP3B	X	16.345	.5
17	MP3B	Z	-28.31	.5
18	MP3B	Mx	.016	.5
19	MP3B	X	16.345	5.5
20	MP3B	Z	-28.31	5.5
21	MP3B	Mx	.016	5.5
22	MP3C	X	21.761	.5
23	MP3C	Z	-37.691	.5
24	MP3C	Mx	-.036	.5
25	MP3C	X	21.761	5.5
26	MP3C	Z	-37.691	5.5
27	MP3C	Mx	-.036	5.5
28	MP3A	X	21.761	.5
29	MP3A	Z	-37.691	.5
30	MP3A	Mx	-.036	.5
31	MP3A	X	21.761	5.5
32	MP3A	Z	-37.691	5.5
33	MP3A	Mx	-.036	5.5
34	MP3B	X	16.345	.5
35	MP3B	Z	-28.31	.5
36	MP3B	Mx	.016	.5
37	MP3B	X	16.345	5.5
38	MP3B	Z	-28.31	5.5
39	MP3B	Mx	.016	5.5
40	MP3C	X	21.761	.5
41	MP3C	Z	-37.691	.5
42	MP3C	Mx	.014	.5
43	MP3C	X	21.761	5.5
44	MP3C	Z	-37.691	5.5
45	MP3C	Mx	.014	5.5
46	MP2A	X	8.593	2.5
47	MP2A	Z	-14.883	2.5
48	MP2A	Mx	-.004	2.5
49	MP2A	X	8.593	3.5
50	MP2A	Z	-14.883	3.5
51	MP2A	Mx	-.004	3.5
52	MP2B	X	4.283	2.5
53	MP2B	Z	-7.418	2.5
54	MP2B	Mx	.004	2.5
55	MP2B	X	4.283	3.5
56	MP2B	Z	-7.418	3.5
57	MP2B	Mx	.004	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2C	X	8.593	2.5
59	MP2C	Z	-14.883	2.5
60	MP2C	Mx	-.004	2.5
61	MP2C	X	8.593	3.5
62	MP2C	Z	-14.883	3.5
63	MP2C	Mx	-.004	3.5
64	M250	X	16.429	2
65	M250	Z	-28.456	2
66	M250	Mx	0	2
67	MP3A	X	7.824	2
68	MP3A	Z	-13.551	2
69	MP3A	Mx	.004	2
70	MP3B	X	5.896	2
71	MP3B	Z	-10.212	2
72	MP3B	Mx	-.006	2
73	MP3C	X	7.824	2
74	MP3C	Z	-13.551	2
75	MP3C	Mx	.004	2
76	MP4A	X	7.58	2
77	MP4A	Z	-13.128	2
78	MP4A	Mx	.004	2
79	MP4B	X	4.919	2
80	MP4B	Z	-8.52	2
81	MP4B	Mx	-.005	2
82	MP4C	X	7.58	2
83	MP4C	Z	-13.128	2
84	MP4C	Mx	.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	9.183	2
2	MP2A	Z	-5.302	2
3	MP2A	Mx	.003	2
4	MP2B	X	9.183	2
5	MP2B	Z	-5.302	2
6	MP2B	Mx	-.003	2
7	MP2C	X	15.203	2
8	MP2C	Z	-8.777	2
9	MP2C	Mx	0	2
10	MP3A	X	31.437	.5
11	MP3A	Z	-18.15	.5
12	MP3A	Mx	-.004	.5
13	MP3A	X	31.437	5.5
14	MP3A	Z	-18.15	5.5
15	MP3A	Mx	-.004	5.5
16	MP3B	X	31.437	.5
17	MP3B	Z	-18.15	.5
18	MP3B	Mx	.028	.5
19	MP3B	X	31.437	5.5
20	MP3B	Z	-18.15	5.5
21	MP3B	Mx	.028	5.5
22	MP3C	X	40.818	.5
23	MP3C	Z	-23.566	.5
24	MP3C	Mx	-.031	.5
25	MP3C	X	40.818	5.5
26	MP3C	Z	-23.566	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3C	Mx	-.031	5.5
28	MP3A	X	31.437	.5
29	MP3A	Z	-18.15	.5
30	MP3A	Mx	-.028	.5
31	MP3A	X	31.437	5.5
32	MP3A	Z	-18.15	5.5
33	MP3A	Mx	-.028	5.5
34	MP3B	X	31.437	.5
35	MP3B	Z	-18.15	.5
36	MP3B	Mx	.004	.5
37	MP3B	X	31.437	5.5
38	MP3B	Z	-18.15	5.5
39	MP3B	Mx	.004	5.5
40	MP3C	X	40.818	.5
41	MP3C	Z	-23.566	.5
42	MP3C	Mx	.031	.5
43	MP3C	X	40.818	5.5
44	MP3C	Z	-23.566	5.5
45	MP3C	Mx	.031	5.5
46	MP2A	X	9.906	2.5
47	MP2A	Z	-5.719	2.5
48	MP2A	Mx	-.005	2.5
49	MP2A	X	9.906	3.5
50	MP2A	Z	-5.719	3.5
51	MP2A	Mx	-.005	3.5
52	MP2B	X	9.906	2.5
53	MP2B	Z	-5.719	2.5
54	MP2B	Mx	.005	2.5
55	MP2B	X	9.906	3.5
56	MP2B	Z	-5.719	3.5
57	MP2B	Mx	.005	3.5
58	MP2C	X	17.371	2.5
59	MP2C	Z	-10.029	2.5
60	MP2C	Mx	0	2.5
61	MP2C	X	17.371	3.5
62	MP2C	Z	-10.029	3.5
63	MP2C	Mx	0	3.5
64	M250	X	25.184	2
65	M250	Z	-14.54	2
66	M250	Mx	0	2
67	MP3A	X	11.325	2
68	MP3A	Z	-6.539	2
69	MP3A	Mx	.006	2
70	MP3B	X	11.325	2
71	MP3B	Z	-6.539	2
72	MP3B	Mx	-.006	2
73	MP3C	X	14.664	2
74	MP3C	Z	-8.466	2
75	MP3C	Mx	0	2
76	MP4A	X	10.056	2
77	MP4A	Z	-5.806	2
78	MP4A	Mx	.005	2
79	MP4B	X	10.056	2
80	MP4B	Z	-5.806	2
81	MP4B	Mx	-.005	2
82	MP4C	X	14.664	2
83	MP4C	Z	-8.466	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP4C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.286	2
2	MP2A	Z	0	2
3	MP2A	Mx	.003	2
4	MP2B	X	15.238	2
5	MP2B	Z	0	2
6	MP2B	Mx	-.003	2
7	MP2C	X	15.238	2
8	MP2C	Z	0	2
9	MP2C	Mx	-.003	2
10	MP3A	X	32.69	.5
11	MP3A	Z	0	.5
12	MP3A	Mx	-.016	.5
13	MP3A	X	32.69	5.5
14	MP3A	Z	0	5.5
15	MP3A	Mx	-.016	5.5
16	MP3B	X	43.522	.5
17	MP3B	Z	0	.5
18	MP3B	Mx	.036	.5
19	MP3B	X	43.522	5.5
20	MP3B	Z	0	5.5
21	MP3B	Mx	.036	5.5
22	MP3C	X	43.522	.5
23	MP3C	Z	0	.5
24	MP3C	Mx	-.014	.5
25	MP3C	X	43.522	5.5
26	MP3C	Z	0	5.5
27	MP3C	Mx	-.014	5.5
28	MP3A	X	32.69	.5
29	MP3A	Z	0	.5
30	MP3A	Mx	-.016	.5
31	MP3A	X	32.69	5.5
32	MP3A	Z	0	5.5
33	MP3A	Mx	-.016	5.5
34	MP3B	X	43.522	.5
35	MP3B	Z	0	.5
36	MP3B	Mx	-.014	.5
37	MP3B	X	43.522	5.5
38	MP3B	Z	0	5.5
39	MP3B	Mx	-.014	5.5
40	MP3C	X	43.522	.5
41	MP3C	Z	0	.5
42	MP3C	Mx	.036	.5
43	MP3C	X	43.522	5.5
44	MP3C	Z	0	5.5
45	MP3C	Mx	.036	5.5
46	MP2A	X	8.565	2.5
47	MP2A	Z	0	2.5
48	MP2A	Mx	-.004	2.5
49	MP2A	X	8.565	3.5
50	MP2A	Z	0	3.5
51	MP2A	Mx	-.004	3.5
52	MP2B	X	17.185	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2B	Z	0	2.5
54	MP2B	Mx	.004	2.5
55	MP2B	X	17.185	3.5
56	MP2B	Z	0	3.5
57	MP2B	Mx	.004	3.5
58	MP2C	X	17.185	2.5
59	MP2C	Z	0	2.5
60	MP2C	Mx	.004	2.5
61	MP2C	X	17.185	3.5
62	MP2C	Z	0	3.5
63	MP2C	Mx	.004	3.5
64	M250	X	27.19	2
65	M250	Z	0	2
66	M250	Mx	0	2
67	MP3A	X	11.792	2
68	MP3A	Z	0	2
69	MP3A	Mx	.006	2
70	MP3B	X	15.648	2
71	MP3B	Z	0	2
72	MP3B	Mx	-.004	2
73	MP3C	X	15.648	2
74	MP3C	Z	0	2
75	MP3C	Mx	-.004	2
76	MP4A	X	9.839	2
77	MP4A	Z	0	2
78	MP4A	Mx	.005	2
79	MP4B	X	15.159	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.004	2
82	MP4C	X	15.159	2
83	MP4C	Z	0	2
84	MP4C	Mx	-.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	9.183	2
2	MP2A	Z	5.302	2
3	MP2A	Mx	.003	2
4	MP2B	X	15.203	2
5	MP2B	Z	8.777	2
6	MP2B	Mx	0	2
7	MP2C	X	9.183	2
8	MP2C	Z	5.302	2
9	MP2C	Mx	-.003	2
10	MP3A	X	31.437	.5
11	MP3A	Z	18.15	.5
12	MP3A	Mx	-.028	.5
13	MP3A	X	31.437	5.5
14	MP3A	Z	18.15	5.5
15	MP3A	Mx	-.028	5.5
16	MP3B	X	40.818	.5
17	MP3B	Z	23.566	.5
18	MP3B	Mx	.031	.5
19	MP3B	X	40.818	5.5
20	MP3B	Z	23.566	5.5
21	MP3B	Mx	.031	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3C	X	31.437	.5
23	MP3C	Z	18.15	.5
24	MP3C	Mx	.004	.5
25	MP3C	X	31.437	5.5
26	MP3C	Z	18.15	5.5
27	MP3C	Mx	.004	5.5
28	MP3A	X	31.437	.5
29	MP3A	Z	18.15	.5
30	MP3A	Mx	-.004	.5
31	MP3A	X	31.437	5.5
32	MP3A	Z	18.15	5.5
33	MP3A	Mx	-.004	5.5
34	MP3B	X	40.818	.5
35	MP3B	Z	23.566	.5
36	MP3B	Mx	-.031	.5
37	MP3B	X	40.818	5.5
38	MP3B	Z	23.566	5.5
39	MP3B	Mx	-.031	5.5
40	MP3C	X	31.437	.5
41	MP3C	Z	18.15	.5
42	MP3C	Mx	.028	.5
43	MP3C	X	31.437	5.5
44	MP3C	Z	18.15	5.5
45	MP3C	Mx	.028	5.5
46	MP2A	X	9.906	2.5
47	MP2A	Z	5.719	2.5
48	MP2A	Mx	-.005	2.5
49	MP2A	X	9.906	3.5
50	MP2A	Z	5.719	3.5
51	MP2A	Mx	-.005	3.5
52	MP2B	X	17.371	2.5
53	MP2B	Z	10.029	2.5
54	MP2B	Mx	0	2.5
55	MP2B	X	17.371	3.5
56	MP2B	Z	10.029	3.5
57	MP2B	Mx	0	3.5
58	MP2C	X	9.906	2.5
59	MP2C	Z	5.719	2.5
60	MP2C	Mx	.005	2.5
61	MP2C	X	9.906	3.5
62	MP2C	Z	5.719	3.5
63	MP2C	Mx	.005	3.5
64	M250	X	25.184	2
65	M250	Z	14.54	2
66	M250	Mx	0	2
67	MP3A	X	11.325	2
68	MP3A	Z	6.539	2
69	MP3A	Mx	.006	2
70	MP3B	X	14.664	2
71	MP3B	Z	8.466	2
72	MP3B	Mx	0	2
73	MP3C	X	11.325	2
74	MP3C	Z	6.539	2
75	MP3C	Mx	-.006	2
76	MP4A	X	10.056	2
77	MP4A	Z	5.806	2
78	MP4A	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP4B	X	14.664	2
80	MP4B	Z	8.466	2
81	MP4B	Mx	0	2
82	MP4C	X	10.056	2
83	MP4C	Z	5.806	2
84	MP4C	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.619	2
2	MP2A	Z	13.196	2
3	MP2A	Mx	.003	2
4	MP2B	X	7.619	2
5	MP2B	Z	13.196	2
6	MP2B	Mx	.003	2
7	MP2C	X	4.143	2
8	MP2C	Z	7.176	2
9	MP2C	Mx	-.003	2
10	MP3A	X	21.761	.5
11	MP3A	Z	37.691	.5
12	MP3A	Mx	-.036	.5
13	MP3A	X	21.761	5.5
14	MP3A	Z	37.691	5.5
15	MP3A	Mx	-.036	5.5
16	MP3B	X	21.761	.5
17	MP3B	Z	37.691	.5
18	MP3B	Mx	.014	.5
19	MP3B	X	21.761	5.5
20	MP3B	Z	37.691	5.5
21	MP3B	Mx	.014	5.5
22	MP3C	X	16.345	.5
23	MP3C	Z	28.31	.5
24	MP3C	Mx	.016	.5
25	MP3C	X	16.345	5.5
26	MP3C	Z	28.31	5.5
27	MP3C	Mx	.016	5.5
28	MP3A	X	21.761	.5
29	MP3A	Z	37.691	.5
30	MP3A	Mx	.014	.5
31	MP3A	X	21.761	5.5
32	MP3A	Z	37.691	5.5
33	MP3A	Mx	.014	5.5
34	MP3B	X	21.761	.5
35	MP3B	Z	37.691	.5
36	MP3B	Mx	-.036	.5
37	MP3B	X	21.761	5.5
38	MP3B	Z	37.691	5.5
39	MP3B	Mx	-.036	5.5
40	MP3C	X	16.345	.5
41	MP3C	Z	28.31	.5
42	MP3C	Mx	.016	.5
43	MP3C	X	16.345	5.5
44	MP3C	Z	28.31	5.5
45	MP3C	Mx	.016	5.5
46	MP2A	X	8.593	2.5
47	MP2A	Z	14.883	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2A	Mx	-.004	2.5
49	MP2A	X	8.593	3.5
50	MP2A	Z	14.883	3.5
51	MP2A	Mx	-.004	3.5
52	MP2B	X	8.593	2.5
53	MP2B	Z	14.883	2.5
54	MP2B	Mx	-.004	2.5
55	MP2B	X	8.593	3.5
56	MP2B	Z	14.883	3.5
57	MP2B	Mx	-.004	3.5
58	MP2C	X	4.283	2.5
59	MP2C	Z	7.418	2.5
60	MP2C	Mx	.004	2.5
61	MP2C	X	4.283	3.5
62	MP2C	Z	7.418	3.5
63	MP2C	Mx	.004	3.5
64	M250	X	16.429	2
65	M250	Z	28.456	2
66	M250	Mx	0	2
67	MP3A	X	7.824	2
68	MP3A	Z	13.551	2
69	MP3A	Mx	.004	2
70	MP3B	X	7.824	2
71	MP3B	Z	13.551	2
72	MP3B	Mx	.004	2
73	MP3C	X	5.896	2
74	MP3C	Z	10.212	2
75	MP3C	Mx	-.006	2
76	MP4A	X	7.58	2
77	MP4A	Z	13.128	2
78	MP4A	Mx	.004	2
79	MP4B	X	7.58	2
80	MP4B	Z	13.128	2
81	MP4B	Mx	.004	2
82	MP4C	X	4.919	2
83	MP4C	Z	8.52	2
84	MP4C	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	17.555	2
3	MP2A	Mx	0	2
4	MP2B	X	0	2
5	MP2B	Z	10.603	2
6	MP2B	Mx	.003	2
7	MP2C	X	0	2
8	MP2C	Z	10.603	2
9	MP2C	Mx	-.003	2
10	MP3A	X	0	.5
11	MP3A	Z	47.133	.5
12	MP3A	Mx	-.031	.5
13	MP3A	X	0	5.5
14	MP3A	Z	47.133	5.5
15	MP3A	Mx	-.031	5.5
16	MP3B	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP3B	Z	36.301	.5
18	MP3B	Mx	-.004	.5
19	MP3B	X	0	5.5
20	MP3B	Z	36.301	5.5
21	MP3B	Mx	-.004	5.5
22	MP3C	X	0	.5
23	MP3C	Z	36.301	.5
24	MP3C	Mx	.028	.5
25	MP3C	X	0	5.5
26	MP3C	Z	36.301	5.5
27	MP3C	Mx	.028	5.5
28	MP3A	X	0	.5
29	MP3A	Z	47.133	.5
30	MP3A	Mx	.031	.5
31	MP3A	X	0	5.5
32	MP3A	Z	47.133	5.5
33	MP3A	Mx	.031	5.5
34	MP3B	X	0	.5
35	MP3B	Z	36.301	.5
36	MP3B	Mx	-.028	.5
37	MP3B	X	0	5.5
38	MP3B	Z	36.301	5.5
39	MP3B	Mx	-.028	5.5
40	MP3C	X	0	.5
41	MP3C	Z	36.301	.5
42	MP3C	Mx	.004	.5
43	MP3C	X	0	5.5
44	MP3C	Z	36.301	5.5
45	MP3C	Mx	.004	5.5
46	MP2A	X	0	2.5
47	MP2A	Z	20.059	2.5
48	MP2A	Mx	0	2.5
49	MP2A	X	0	3.5
50	MP2A	Z	20.059	3.5
51	MP2A	Mx	0	3.5
52	MP2B	X	0	2.5
53	MP2B	Z	11.439	2.5
54	MP2B	Mx	-.005	2.5
55	MP2B	X	0	3.5
56	MP2B	Z	11.439	3.5
57	MP2B	Mx	-.005	3.5
58	MP2C	X	0	2.5
59	MP2C	Z	11.439	2.5
60	MP2C	Mx	.005	2.5
61	MP2C	X	0	3.5
62	MP2C	Z	11.439	3.5
63	MP2C	Mx	.005	3.5
64	M250	X	0	2
65	M250	Z	34.748	2
66	M250	Mx	0	2
67	MP3A	X	0	2
68	MP3A	Z	16.933	2
69	MP3A	Mx	0	2
70	MP3B	X	0	2
71	MP3B	Z	13.077	2
72	MP3B	Mx	.006	2
73	MP3C	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	13.077	2
75	MP3C	Mx	-.006	2
76	MP4A	X	0	2
77	MP4A	Z	16.933	2
78	MP4A	Mx	0	2
79	MP4B	X	0	2
80	MP4B	Z	11.612	2
81	MP4B	Mx	.005	2
82	MP4C	X	0	2
83	MP4C	Z	11.612	2
84	MP4C	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.619	2
2	MP2A	Z	13.196	2
3	MP2A	Mx	-.003	2
4	MP2B	X	-4.143	2
5	MP2B	Z	7.176	2
6	MP2B	Mx	.003	2
7	MP2C	X	-7.619	2
8	MP2C	Z	13.196	2
9	MP2C	Mx	-.003	2
10	MP3A	X	-21.761	.5
11	MP3A	Z	37.691	.5
12	MP3A	Mx	-.014	.5
13	MP3A	X	-21.761	5.5
14	MP3A	Z	37.691	5.5
15	MP3A	Mx	-.014	5.5
16	MP3B	X	-16.345	.5
17	MP3B	Z	28.31	.5
18	MP3B	Mx	-.016	.5
19	MP3B	X	-16.345	5.5
20	MP3B	Z	28.31	5.5
21	MP3B	Mx	-.016	5.5
22	MP3C	X	-21.761	.5
23	MP3C	Z	37.691	.5
24	MP3C	Mx	.036	.5
25	MP3C	X	-21.761	5.5
26	MP3C	Z	37.691	5.5
27	MP3C	Mx	.036	5.5
28	MP3A	X	-21.761	.5
29	MP3A	Z	37.691	.5
30	MP3A	Mx	.036	.5
31	MP3A	X	-21.761	5.5
32	MP3A	Z	37.691	5.5
33	MP3A	Mx	.036	5.5
34	MP3B	X	-16.345	.5
35	MP3B	Z	28.31	.5
36	MP3B	Mx	-.016	.5
37	MP3B	X	-16.345	5.5
38	MP3B	Z	28.31	5.5
39	MP3B	Mx	-.016	5.5
40	MP3C	X	-21.761	.5
41	MP3C	Z	37.691	.5
42	MP3C	Mx	-.014	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3C	X	-21.761	5.5
44	MP3C	Z	37.691	5.5
45	MP3C	Mx	-.014	5.5
46	MP2A	X	-8.593	2.5
47	MP2A	Z	14.883	2.5
48	MP2A	Mx	.004	2.5
49	MP2A	X	-8.593	3.5
50	MP2A	Z	14.883	3.5
51	MP2A	Mx	.004	3.5
52	MP2B	X	-4.283	2.5
53	MP2B	Z	7.418	2.5
54	MP2B	Mx	-.004	2.5
55	MP2B	X	-4.283	3.5
56	MP2B	Z	7.418	3.5
57	MP2B	Mx	-.004	3.5
58	MP2C	X	-8.593	2.5
59	MP2C	Z	14.883	2.5
60	MP2C	Mx	.004	2.5
61	MP2C	X	-8.593	3.5
62	MP2C	Z	14.883	3.5
63	MP2C	Mx	.004	3.5
64	M250	X	-16.429	2
65	M250	Z	28.456	2
66	M250	Mx	0	2
67	MP3A	X	-7.824	2
68	MP3A	Z	13.551	2
69	MP3A	Mx	-.004	2
70	MP3B	X	-5.896	2
71	MP3B	Z	10.212	2
72	MP3B	Mx	.006	2
73	MP3C	X	-7.824	2
74	MP3C	Z	13.551	2
75	MP3C	Mx	-.004	2
76	MP4A	X	-7.58	2
77	MP4A	Z	13.128	2
78	MP4A	Mx	-.004	2
79	MP4B	X	-4.919	2
80	MP4B	Z	8.52	2
81	MP4B	Mx	.005	2
82	MP4C	X	-7.58	2
83	MP4C	Z	13.128	2
84	MP4C	Mx	-.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-9.183	2
2	MP2A	Z	5.302	2
3	MP2A	Mx	-.003	2
4	MP2B	X	-9.183	2
5	MP2B	Z	5.302	2
6	MP2B	Mx	.003	2
7	MP2C	X	-15.203	2
8	MP2C	Z	8.777	2
9	MP2C	Mx	0	2
10	MP3A	X	-31.437	.5
11	MP3A	Z	18.15	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3A	Mx	.004	.5
13	MP3A	X	-31.437	5.5
14	MP3A	Z	18.15	5.5
15	MP3A	Mx	.004	5.5
16	MP3B	X	-31.437	.5
17	MP3B	Z	18.15	.5
18	MP3B	Mx	-.028	.5
19	MP3B	X	-31.437	5.5
20	MP3B	Z	18.15	5.5
21	MP3B	Mx	-.028	5.5
22	MP3C	X	-40.818	.5
23	MP3C	Z	23.566	.5
24	MP3C	Mx	.031	.5
25	MP3C	X	-40.818	5.5
26	MP3C	Z	23.566	5.5
27	MP3C	Mx	.031	5.5
28	MP3A	X	-31.437	.5
29	MP3A	Z	18.15	.5
30	MP3A	Mx	.028	.5
31	MP3A	X	-31.437	5.5
32	MP3A	Z	18.15	5.5
33	MP3A	Mx	.028	5.5
34	MP3B	X	-31.437	.5
35	MP3B	Z	18.15	.5
36	MP3B	Mx	-.004	.5
37	MP3B	X	-31.437	5.5
38	MP3B	Z	18.15	5.5
39	MP3B	Mx	-.004	5.5
40	MP3C	X	-40.818	.5
41	MP3C	Z	23.566	.5
42	MP3C	Mx	-.031	.5
43	MP3C	X	-40.818	5.5
44	MP3C	Z	23.566	5.5
45	MP3C	Mx	-.031	5.5
46	MP2A	X	-9.906	2.5
47	MP2A	Z	5.719	2.5
48	MP2A	Mx	.005	2.5
49	MP2A	X	-9.906	3.5
50	MP2A	Z	5.719	3.5
51	MP2A	Mx	.005	3.5
52	MP2B	X	-9.906	2.5
53	MP2B	Z	5.719	2.5
54	MP2B	Mx	-.005	2.5
55	MP2B	X	-9.906	3.5
56	MP2B	Z	5.719	3.5
57	MP2B	Mx	-.005	3.5
58	MP2C	X	-17.371	2.5
59	MP2C	Z	10.029	2.5
60	MP2C	Mx	0	2.5
61	MP2C	X	-17.371	3.5
62	MP2C	Z	10.029	3.5
63	MP2C	Mx	0	3.5
64	M250	X	-25.184	2
65	M250	Z	14.54	2
66	M250	Mx	0	2
67	MP3A	X	-11.325	2
68	MP3A	Z	6.539	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3A	Mx	-.006	2
70	MP3B	X	-11.325	2
71	MP3B	Z	6.539	2
72	MP3B	Mx	.006	2
73	MP3C	X	-14.664	2
74	MP3C	Z	8.466	2
75	MP3C	Mx	0	2
76	MP4A	X	-10.056	2
77	MP4A	Z	5.806	2
78	MP4A	Mx	-.005	2
79	MP4B	X	-10.056	2
80	MP4B	Z	5.806	2
81	MP4B	Mx	.005	2
82	MP4C	X	-14.664	2
83	MP4C	Z	8.466	2
84	MP4C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-8.286	2
2	MP2A	Z	0	2
3	MP2A	Mx	-.003	2
4	MP2B	X	-15.238	2
5	MP2B	Z	0	2
6	MP2B	Mx	.003	2
7	MP2C	X	-15.238	2
8	MP2C	Z	0	2
9	MP2C	Mx	.003	2
10	MP3A	X	-32.69	.5
11	MP3A	Z	0	.5
12	MP3A	Mx	.016	.5
13	MP3A	X	-32.69	5.5
14	MP3A	Z	0	5.5
15	MP3A	Mx	.016	5.5
16	MP3B	X	-43.522	.5
17	MP3B	Z	0	.5
18	MP3B	Mx	-.036	.5
19	MP3B	X	-43.522	5.5
20	MP3B	Z	0	5.5
21	MP3B	Mx	-.036	5.5
22	MP3C	X	-43.522	.5
23	MP3C	Z	0	.5
24	MP3C	Mx	.014	.5
25	MP3C	X	-43.522	5.5
26	MP3C	Z	0	5.5
27	MP3C	Mx	.014	5.5
28	MP3A	X	-32.69	.5
29	MP3A	Z	0	.5
30	MP3A	Mx	.016	.5
31	MP3A	X	-32.69	5.5
32	MP3A	Z	0	5.5
33	MP3A	Mx	.016	5.5
34	MP3B	X	-43.522	.5
35	MP3B	Z	0	.5
36	MP3B	Mx	.014	.5
37	MP3B	X	-43.522	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3B	Z	0	5.5
39	MP3B	Mx	.014	5.5
40	MP3C	X	-43.522	.5
41	MP3C	Z	0	.5
42	MP3C	Mx	-.036	.5
43	MP3C	X	-43.522	5.5
44	MP3C	Z	0	5.5
45	MP3C	Mx	-.036	5.5
46	MP2A	X	-8.565	2.5
47	MP2A	Z	0	2.5
48	MP2A	Mx	.004	2.5
49	MP2A	X	-8.565	3.5
50	MP2A	Z	0	3.5
51	MP2A	Mx	.004	3.5
52	MP2B	X	-17.185	2.5
53	MP2B	Z	0	2.5
54	MP2B	Mx	-.004	2.5
55	MP2B	X	-17.185	3.5
56	MP2B	Z	0	3.5
57	MP2B	Mx	-.004	3.5
58	MP2C	X	-17.185	2.5
59	MP2C	Z	0	2.5
60	MP2C	Mx	-.004	2.5
61	MP2C	X	-17.185	3.5
62	MP2C	Z	0	3.5
63	MP2C	Mx	-.004	3.5
64	M250	X	-27.19	2
65	M250	Z	0	2
66	M250	Mx	0	2
67	MP3A	X	-11.792	2
68	MP3A	Z	0	2
69	MP3A	Mx	-.006	2
70	MP3B	X	-15.648	2
71	MP3B	Z	0	2
72	MP3B	Mx	.004	2
73	MP3C	X	-15.648	2
74	MP3C	Z	0	2
75	MP3C	Mx	.004	2
76	MP4A	X	-9.839	2
77	MP4A	Z	0	2
78	MP4A	Mx	-.005	2
79	MP4B	X	-15.159	2
80	MP4B	Z	0	2
81	MP4B	Mx	.004	2
82	MP4C	X	-15.159	2
83	MP4C	Z	0	2
84	MP4C	Mx	.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-9.183	2
2	MP2A	Z	-5.302	2
3	MP2A	Mx	-.003	2
4	MP2B	X	-15.203	2
5	MP2B	Z	-8.777	2
6	MP2B	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP2C	X	-9.183	2
8	MP2C	Z	-5.302	2
9	MP2C	Mx	.003	2
10	MP3A	X	-31.437	.5
11	MP3A	Z	-18.15	.5
12	MP3A	Mx	.028	.5
13	MP3A	X	-31.437	5.5
14	MP3A	Z	-18.15	5.5
15	MP3A	Mx	.028	5.5
16	MP3B	X	-40.818	.5
17	MP3B	Z	-23.566	.5
18	MP3B	Mx	-.031	.5
19	MP3B	X	-40.818	5.5
20	MP3B	Z	-23.566	5.5
21	MP3B	Mx	-.031	5.5
22	MP3C	X	-31.437	.5
23	MP3C	Z	-18.15	.5
24	MP3C	Mx	-.004	.5
25	MP3C	X	-31.437	5.5
26	MP3C	Z	-18.15	5.5
27	MP3C	Mx	-.004	5.5
28	MP3A	X	-31.437	.5
29	MP3A	Z	-18.15	.5
30	MP3A	Mx	.004	.5
31	MP3A	X	-31.437	5.5
32	MP3A	Z	-18.15	5.5
33	MP3A	Mx	.004	5.5
34	MP3B	X	-40.818	.5
35	MP3B	Z	-23.566	.5
36	MP3B	Mx	.031	.5
37	MP3B	X	-40.818	5.5
38	MP3B	Z	-23.566	5.5
39	MP3B	Mx	.031	5.5
40	MP3C	X	-31.437	.5
41	MP3C	Z	-18.15	.5
42	MP3C	Mx	-.028	.5
43	MP3C	X	-31.437	5.5
44	MP3C	Z	-18.15	5.5
45	MP3C	Mx	-.028	5.5
46	MP2A	X	-9.906	2.5
47	MP2A	Z	-5.719	2.5
48	MP2A	Mx	.005	2.5
49	MP2A	X	-9.906	3.5
50	MP2A	Z	-5.719	3.5
51	MP2A	Mx	.005	3.5
52	MP2B	X	-17.371	2.5
53	MP2B	Z	-10.029	2.5
54	MP2B	Mx	0	2.5
55	MP2B	X	-17.371	3.5
56	MP2B	Z	-10.029	3.5
57	MP2B	Mx	0	3.5
58	MP2C	X	-9.906	2.5
59	MP2C	Z	-5.719	2.5
60	MP2C	Mx	-.005	2.5
61	MP2C	X	-9.906	3.5
62	MP2C	Z	-5.719	3.5
63	MP2C	Mx	-.005	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	M250	X	-25.184	2
65	M250	Z	-14.54	2
66	M250	Mx	0	2
67	MP3A	X	-11.325	2
68	MP3A	Z	-6.539	2
69	MP3A	Mx	-.006	2
70	MP3B	X	-14.664	2
71	MP3B	Z	-8.466	2
72	MP3B	Mx	0	2
73	MP3C	X	-11.325	2
74	MP3C	Z	-6.539	2
75	MP3C	Mx	.006	2
76	MP4A	X	-10.056	2
77	MP4A	Z	-5.806	2
78	MP4A	Mx	-.005	2
79	MP4B	X	-14.664	2
80	MP4B	Z	-8.466	2
81	MP4B	Mx	0	2
82	MP4C	X	-10.056	2
83	MP4C	Z	-5.806	2
84	MP4C	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.619	2
2	MP2A	Z	-13.196	2
3	MP2A	Mx	-.003	2
4	MP2B	X	-7.619	2
5	MP2B	Z	-13.196	2
6	MP2B	Mx	-.003	2
7	MP2C	X	-4.143	2
8	MP2C	Z	-7.176	2
9	MP2C	Mx	.003	2
10	MP3A	X	-21.761	.5
11	MP3A	Z	-37.691	.5
12	MP3A	Mx	.036	.5
13	MP3A	X	-21.761	5.5
14	MP3A	Z	-37.691	5.5
15	MP3A	Mx	.036	5.5
16	MP3B	X	-21.761	.5
17	MP3B	Z	-37.691	.5
18	MP3B	Mx	-.014	.5
19	MP3B	X	-21.761	5.5
20	MP3B	Z	-37.691	5.5
21	MP3B	Mx	-.014	5.5
22	MP3C	X	-16.345	.5
23	MP3C	Z	-28.31	.5
24	MP3C	Mx	-.016	.5
25	MP3C	X	-16.345	5.5
26	MP3C	Z	-28.31	5.5
27	MP3C	Mx	-.016	5.5
28	MP3A	X	-21.761	.5
29	MP3A	Z	-37.691	.5
30	MP3A	Mx	-.014	.5
31	MP3A	X	-21.761	5.5
32	MP3A	Z	-37.691	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3A	Mx	-.014	5.5
34	MP3B	X	-21.761	.5
35	MP3B	Z	-37.691	.5
36	MP3B	Mx	.036	.5
37	MP3B	X	-21.761	5.5
38	MP3B	Z	-37.691	5.5
39	MP3B	Mx	.036	5.5
40	MP3C	X	-16.345	.5
41	MP3C	Z	-28.31	.5
42	MP3C	Mx	-.016	.5
43	MP3C	X	-16.345	5.5
44	MP3C	Z	-28.31	5.5
45	MP3C	Mx	-.016	5.5
46	MP2A	X	-8.593	2.5
47	MP2A	Z	-14.883	2.5
48	MP2A	Mx	.004	2.5
49	MP2A	X	-8.593	3.5
50	MP2A	Z	-14.883	3.5
51	MP2A	Mx	.004	3.5
52	MP2B	X	-8.593	2.5
53	MP2B	Z	-14.883	2.5
54	MP2B	Mx	.004	2.5
55	MP2B	X	-8.593	3.5
56	MP2B	Z	-14.883	3.5
57	MP2B	Mx	.004	3.5
58	MP2C	X	-4.283	2.5
59	MP2C	Z	-7.418	2.5
60	MP2C	Mx	-.004	2.5
61	MP2C	X	-4.283	3.5
62	MP2C	Z	-7.418	3.5
63	MP2C	Mx	-.004	3.5
64	M250	X	-16.429	2
65	M250	Z	-28.456	2
66	M250	Mx	0	2
67	MP3A	X	-7.824	2
68	MP3A	Z	-13.551	2
69	MP3A	Mx	-.004	2
70	MP3B	X	-7.824	2
71	MP3B	Z	-13.551	2
72	MP3B	Mx	-.004	2
73	MP3C	X	-5.896	2
74	MP3C	Z	-10.212	2
75	MP3C	Mx	.006	2
76	MP4A	X	-7.58	2
77	MP4A	Z	-13.128	2
78	MP4A	Mx	-.004	2
79	MP4B	X	-7.58	2
80	MP4B	Z	-13.128	2
81	MP4B	Mx	-.004	2
82	MP4C	X	-4.919	2
83	MP4C	Z	-8.52	2
84	MP4C	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	Z	-5.313	2
3	MP2A	Mx	0	2
4	MP2B	X	0	2
5	MP2B	Z	-2.998	2
6	MP2B	Mx	-.000865	2
7	MP2C	X	0	2
8	MP2C	Z	-2.998	2
9	MP2C	Mx	.000865	2
10	MP3A	X	0	.5
11	MP3A	Z	-15.438	.5
12	MP3A	Mx	.01	.5
13	MP3A	X	0	5.5
14	MP3A	Z	-15.438	5.5
15	MP3A	Mx	.01	5.5
16	MP3B	X	0	.5
17	MP3B	Z	-11.641	.5
18	MP3B	Mx	.001	.5
19	MP3B	X	0	5.5
20	MP3B	Z	-11.641	5.5
21	MP3B	Mx	.001	5.5
22	MP3C	X	0	.5
23	MP3C	Z	-11.641	.5
24	MP3C	Mx	-.009	.5
25	MP3C	X	0	5.5
26	MP3C	Z	-11.641	5.5
27	MP3C	Mx	-.009	5.5
28	MP3A	X	0	.5
29	MP3A	Z	-15.438	.5
30	MP3A	Mx	-.01	.5
31	MP3A	X	0	5.5
32	MP3A	Z	-15.438	5.5
33	MP3A	Mx	-.01	5.5
34	MP3B	X	0	.5
35	MP3B	Z	-11.641	.5
36	MP3B	Mx	.009	.5
37	MP3B	X	0	5.5
38	MP3B	Z	-11.641	5.5
39	MP3B	Mx	.009	5.5
40	MP3C	X	0	.5
41	MP3C	Z	-11.641	.5
42	MP3C	Mx	-.001	.5
43	MP3C	X	0	5.5
44	MP3C	Z	-11.641	5.5
45	MP3C	Mx	-.001	5.5
46	MP2A	X	0	2.5
47	MP2A	Z	-6.37	2.5
48	MP2A	Mx	0	2.5
49	MP2A	X	0	3.5
50	MP2A	Z	-6.37	3.5
51	MP2A	Mx	0	3.5
52	MP2B	X	0	2.5
53	MP2B	Z	-3.463	2.5
54	MP2B	Mx	.002	2.5
55	MP2B	X	0	3.5
56	MP2B	Z	-3.463	3.5
57	MP2B	Mx	.002	3.5
58	MP2C	X	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2C	Z	-3.463	2.5
60	MP2C	Mx	-.002	2.5
61	MP2C	X	0	3.5
62	MP2C	Z	-3.463	3.5
63	MP2C	Mx	-.002	3.5
64	M250	X	0	2
65	M250	Z	-11.006	2
66	M250	Mx	0	2
67	MP3A	X	0	2
68	MP3A	Z	-5.069	2
69	MP3A	Mx	0	2
70	MP3B	X	0	2
71	MP3B	Z	-3.809	2
72	MP3B	Mx	-.002	2
73	MP3C	X	0	2
74	MP3C	Z	-3.809	2
75	MP3C	Mx	.002	2
76	MP4A	X	0	2
77	MP4A	Z	-5.069	2
78	MP4A	Mx	0	2
79	MP4B	X	0	2
80	MP4B	Z	-3.326	2
81	MP4B	Mx	-.001	2
82	MP4C	X	0	2
83	MP4C	Z	-3.326	2
84	MP4C	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.271	2
2	MP2A	Z	-3.933	2
3	MP2A	Mx	.000757	2
4	MP2B	X	1.113	2
5	MP2B	Z	-1.928	2
6	MP2B	Mx	-.000742	2
7	MP2C	X	2.271	2
8	MP2C	Z	-3.933	2
9	MP2C	Mx	.000757	2
10	MP3A	X	7.086	.5
11	MP3A	Z	-12.274	.5
12	MP3A	Mx	.005	.5
13	MP3A	X	7.086	5.5
14	MP3A	Z	-12.274	5.5
15	MP3A	Mx	.005	5.5
16	MP3B	X	5.188	.5
17	MP3B	Z	-8.986	.5
18	MP3B	Mx	.005	.5
19	MP3B	X	5.188	5.5
20	MP3B	Z	-8.986	5.5
21	MP3B	Mx	.005	5.5
22	MP3C	X	7.086	.5
23	MP3C	Z	-12.274	.5
24	MP3C	Mx	-.012	.5
25	MP3C	X	7.086	5.5
26	MP3C	Z	-12.274	5.5
27	MP3C	Mx	-.012	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP3A	X	7.086	.5
29	MP3A	Z	-12.274	.5
30	MP3A	Mx	-.012	.5
31	MP3A	X	7.086	5.5
32	MP3A	Z	-12.274	5.5
33	MP3A	Mx	-.012	5.5
34	MP3B	X	5.188	.5
35	MP3B	Z	-8.986	.5
36	MP3B	Mx	.005	.5
37	MP3B	X	5.188	5.5
38	MP3B	Z	-8.986	5.5
39	MP3B	Mx	.005	5.5
40	MP3C	X	7.086	.5
41	MP3C	Z	-12.274	.5
42	MP3C	Mx	.005	.5
43	MP3C	X	7.086	5.5
44	MP3C	Z	-12.274	5.5
45	MP3C	Mx	.005	5.5
46	MP2A	X	2.701	2.5
47	MP2A	Z	-4.678	2.5
48	MP2A	Mx	-.001	2.5
49	MP2A	X	2.701	3.5
50	MP2A	Z	-4.678	3.5
51	MP2A	Mx	-.001	3.5
52	MP2B	X	1.247	2.5
53	MP2B	Z	-2.16	2.5
54	MP2B	Mx	.001	2.5
55	MP2B	X	1.247	3.5
56	MP2B	Z	-2.16	3.5
57	MP2B	Mx	.001	3.5
58	MP2C	X	2.701	2.5
59	MP2C	Z	-4.678	2.5
60	MP2C	Mx	-.001	2.5
61	MP2C	X	2.701	3.5
62	MP2C	Z	-4.678	3.5
63	MP2C	Mx	-.001	3.5
64	M250	X	5.177	2
65	M250	Z	-8.966	2
66	M250	Mx	0	2
67	MP3A	X	2.324	2
68	MP3A	Z	-4.026	2
69	MP3A	Mx	.001	2
70	MP3B	X	1.694	2
71	MP3B	Z	-2.934	2
72	MP3B	Mx	-.002	2
73	MP3C	X	2.324	2
74	MP3C	Z	-4.026	2
75	MP3C	Mx	.001	2
76	MP4A	X	2.244	2
77	MP4A	Z	-3.887	2
78	MP4A	Mx	.001	2
79	MP4B	X	1.372	2
80	MP4B	Z	-2.377	2
81	MP4B	Mx	-.001	2
82	MP4C	X	2.244	2
83	MP4C	Z	-3.887	2
84	MP4C	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.596	2
2	MP2A	Z	-1.499	2
3	MP2A	Mx	.000865	2
4	MP2B	X	2.596	2
5	MP2B	Z	-1.499	2
6	MP2B	Mx	-.000865	2
7	MP2C	X	4.601	2
8	MP2C	Z	-2.657	2
9	MP2C	Mx	0	2
10	MP3A	X	10.082	.5
11	MP3A	Z	-5.821	.5
12	MP3A	Mx	-.001	.5
13	MP3A	X	10.082	5.5
14	MP3A	Z	-5.821	5.5
15	MP3A	Mx	-.001	5.5
16	MP3B	X	10.082	.5
17	MP3B	Z	-5.821	.5
18	MP3B	Mx	.009	.5
19	MP3B	X	10.082	5.5
20	MP3B	Z	-5.821	5.5
21	MP3B	Mx	.009	5.5
22	MP3C	X	13.369	.5
23	MP3C	Z	-7.719	.5
24	MP3C	Mx	-.01	.5
25	MP3C	X	13.369	5.5
26	MP3C	Z	-7.719	5.5
27	MP3C	Mx	-.01	5.5
28	MP3A	X	10.082	.5
29	MP3A	Z	-5.821	.5
30	MP3A	Mx	-.009	.5
31	MP3A	X	10.082	5.5
32	MP3A	Z	-5.821	5.5
33	MP3A	Mx	-.009	5.5
34	MP3B	X	10.082	.5
35	MP3B	Z	-5.821	.5
36	MP3B	Mx	.001	.5
37	MP3B	X	10.082	5.5
38	MP3B	Z	-5.821	5.5
39	MP3B	Mx	.001	5.5
40	MP3C	X	13.369	.5
41	MP3C	Z	-7.719	.5
42	MP3C	Mx	.01	.5
43	MP3C	X	13.369	5.5
44	MP3C	Z	-7.719	5.5
45	MP3C	Mx	.01	5.5
46	MP2A	X	2.999	2.5
47	MP2A	Z	-1.731	2.5
48	MP2A	Mx	-.002	2.5
49	MP2A	X	2.999	3.5
50	MP2A	Z	-1.731	3.5
51	MP2A	Mx	-.002	3.5
52	MP2B	X	2.999	2.5
53	MP2B	Z	-1.731	2.5
54	MP2B	Mx	.001	2.5
55	MP2B	X	2.999	3.5
56	MP2B	Z	-1.731	3.5
57	MP2B	Mx	.001	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2C	X	5.517	2.5
59	MP2C	Z	-3.185	2.5
60	MP2C	Mx	0	2.5
61	MP2C	X	5.517	3.5
62	MP2C	Z	-3.185	3.5
63	MP2C	Mx	0	3.5
64	M250	X	7.836	2
65	M250	Z	-4.524	2
66	M250	Mx	0	2
67	MP3A	X	3.298	2
68	MP3A	Z	-1.904	2
69	MP3A	Mx	.002	2
70	MP3B	X	3.298	2
71	MP3B	Z	-1.904	2
72	MP3B	Mx	-.002	2
73	MP3C	X	4.39	2
74	MP3C	Z	-2.535	2
75	MP3C	Mx	0	2
76	MP4A	X	2.88	2
77	MP4A	Z	-1.663	2
78	MP4A	Mx	.001	2
79	MP4B	X	2.88	2
80	MP4B	Z	-1.663	2
81	MP4B	Mx	-.001	2
82	MP4C	X	4.39	2
83	MP4C	Z	-2.535	2
84	MP4C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.226	2
2	MP2A	Z	0	2
3	MP2A	Mx	.000742	2
4	MP2B	X	4.541	2
5	MP2B	Z	0	2
6	MP2B	Mx	-.000757	2
7	MP2C	X	4.541	2
8	MP2C	Z	0	2
9	MP2C	Mx	-.000757	2
10	MP3A	X	10.376	.5
11	MP3A	Z	0	.5
12	MP3A	Mx	-.005	.5
13	MP3A	X	10.376	5.5
14	MP3A	Z	0	5.5
15	MP3A	Mx	-.005	5.5
16	MP3B	X	14.172	.5
17	MP3B	Z	0	.5
18	MP3B	Mx	.012	.5
19	MP3B	X	14.172	5.5
20	MP3B	Z	0	5.5
21	MP3B	Mx	.012	5.5
22	MP3C	X	14.172	.5
23	MP3C	Z	0	.5
24	MP3C	Mx	-.005	.5
25	MP3C	X	14.172	5.5
26	MP3C	Z	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3C	Mx	-.005	5.5
28	MP3A	X	10.376	.5
29	MP3A	Z	0	.5
30	MP3A	Mx	-.005	.5
31	MP3A	X	10.376	5.5
32	MP3A	Z	0	5.5
33	MP3A	Mx	-.005	5.5
34	MP3B	X	14.172	.5
35	MP3B	Z	0	.5
36	MP3B	Mx	-.005	.5
37	MP3B	X	14.172	5.5
38	MP3B	Z	0	5.5
39	MP3B	Mx	-.005	5.5
40	MP3C	X	14.172	.5
41	MP3C	Z	0	.5
42	MP3C	Mx	.012	.5
43	MP3C	X	14.172	5.5
44	MP3C	Z	0	5.5
45	MP3C	Mx	.012	5.5
46	MP2A	X	2.494	2.5
47	MP2A	Z	0	2.5
48	MP2A	Mx	-.001	2.5
49	MP2A	X	2.494	3.5
50	MP2A	Z	0	3.5
51	MP2A	Mx	-.001	3.5
52	MP2B	X	5.401	2.5
53	MP2B	Z	0	2.5
54	MP2B	Mx	.001	2.5
55	MP2B	X	5.401	3.5
56	MP2B	Z	0	3.5
57	MP2B	Mx	.001	3.5
58	MP2C	X	5.401	2.5
59	MP2C	Z	0	2.5
60	MP2C	Mx	.001	2.5
61	MP2C	X	5.401	3.5
62	MP2C	Z	0	3.5
63	MP2C	Mx	.001	3.5
64	M250	X	8.396	2
65	M250	Z	0	2
66	M250	Mx	0	2
67	MP3A	X	3.388	2
68	MP3A	Z	0	2
69	MP3A	Mx	.002	2
70	MP3B	X	4.649	2
71	MP3B	Z	0	2
72	MP3B	Mx	-.001	2
73	MP3C	X	4.649	2
74	MP3C	Z	0	2
75	MP3C	Mx	-.001	2
76	MP4A	X	2.745	2
77	MP4A	Z	0	2
78	MP4A	Mx	.001	2
79	MP4B	X	4.488	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.001	2
82	MP4C	X	4.488	2
83	MP4C	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP4C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.596	2
2	MP2A	Z	1.499	2
3	MP2A	Mx	.000865	2
4	MP2B	X	4.601	2
5	MP2B	Z	2.657	2
6	MP2B	Mx	0	2
7	MP2C	X	2.596	2
8	MP2C	Z	1.499	2
9	MP2C	Mx	-.000865	2
10	MP3A	X	10.082	.5
11	MP3A	Z	5.821	.5
12	MP3A	Mx	-.009	.5
13	MP3A	X	10.082	5.5
14	MP3A	Z	5.821	5.5
15	MP3A	Mx	-.009	5.5
16	MP3B	X	13.369	.5
17	MP3B	Z	7.719	.5
18	MP3B	Mx	.01	.5
19	MP3B	X	13.369	5.5
20	MP3B	Z	7.719	5.5
21	MP3B	Mx	.01	5.5
22	MP3C	X	10.082	.5
23	MP3C	Z	5.821	.5
24	MP3C	Mx	.001	.5
25	MP3C	X	10.082	5.5
26	MP3C	Z	5.821	5.5
27	MP3C	Mx	.001	5.5
28	MP3A	X	10.082	.5
29	MP3A	Z	5.821	.5
30	MP3A	Mx	-.001	.5
31	MP3A	X	10.082	5.5
32	MP3A	Z	5.821	5.5
33	MP3A	Mx	-.001	5.5
34	MP3B	X	13.369	.5
35	MP3B	Z	7.719	.5
36	MP3B	Mx	-.01	.5
37	MP3B	X	13.369	5.5
38	MP3B	Z	7.719	5.5
39	MP3B	Mx	-.01	5.5
40	MP3C	X	10.082	.5
41	MP3C	Z	5.821	.5
42	MP3C	Mx	.009	.5
43	MP3C	X	10.082	5.5
44	MP3C	Z	5.821	5.5
45	MP3C	Mx	.009	5.5
46	MP2A	X	2.999	2.5
47	MP2A	Z	1.731	2.5
48	MP2A	Mx	-.002	2.5
49	MP2A	X	2.999	3.5
50	MP2A	Z	1.731	3.5
51	MP2A	Mx	-.002	3.5
52	MP2B	X	5.517	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2B	Z	3.185	2.5
54	MP2B	Mx	0	2.5
55	MP2B	X	5.517	3.5
56	MP2B	Z	3.185	3.5
57	MP2B	Mx	0	3.5
58	MP2C	X	2.999	2.5
59	MP2C	Z	1.731	2.5
60	MP2C	Mx	.001	2.5
61	MP2C	X	2.999	3.5
62	MP2C	Z	1.731	3.5
63	MP2C	Mx	.001	3.5
64	M250	X	7.836	2
65	M250	Z	4.524	2
66	M250	Mx	0	2
67	MP3A	X	3.298	2
68	MP3A	Z	1.904	2
69	MP3A	Mx	.002	2
70	MP3B	X	4.39	2
71	MP3B	Z	2.535	2
72	MP3B	Mx	0	2
73	MP3C	X	3.298	2
74	MP3C	Z	1.904	2
75	MP3C	Mx	-.002	2
76	MP4A	X	2.88	2
77	MP4A	Z	1.663	2
78	MP4A	Mx	.001	2
79	MP4B	X	4.39	2
80	MP4B	Z	2.535	2
81	MP4B	Mx	0	2
82	MP4C	X	2.88	2
83	MP4C	Z	1.663	2
84	MP4C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.271	2
2	MP2A	Z	3.933	2
3	MP2A	Mx	.000757	2
4	MP2B	X	2.271	2
5	MP2B	Z	3.933	2
6	MP2B	Mx	.000757	2
7	MP2C	X	1.113	2
8	MP2C	Z	1.928	2
9	MP2C	Mx	-.000742	2
10	MP3A	X	7.086	.5
11	MP3A	Z	12.274	.5
12	MP3A	Mx	-.012	.5
13	MP3A	X	7.086	5.5
14	MP3A	Z	12.274	5.5
15	MP3A	Mx	-.012	5.5
16	MP3B	X	7.086	.5
17	MP3B	Z	12.274	.5
18	MP3B	Mx	.005	.5
19	MP3B	X	7.086	5.5
20	MP3B	Z	12.274	5.5
21	MP3B	Mx	.005	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3C	X	5.188	.5
23	MP3C	Z	8.986	.5
24	MP3C	Mx	.005	.5
25	MP3C	X	5.188	5.5
26	MP3C	Z	8.986	5.5
27	MP3C	Mx	.005	5.5
28	MP3A	X	7.086	.5
29	MP3A	Z	12.274	.5
30	MP3A	Mx	.005	.5
31	MP3A	X	7.086	5.5
32	MP3A	Z	12.274	5.5
33	MP3A	Mx	.005	5.5
34	MP3B	X	7.086	.5
35	MP3B	Z	12.274	.5
36	MP3B	Mx	-.012	.5
37	MP3B	X	7.086	5.5
38	MP3B	Z	12.274	5.5
39	MP3B	Mx	-.012	5.5
40	MP3C	X	5.188	.5
41	MP3C	Z	8.986	.5
42	MP3C	Mx	.005	.5
43	MP3C	X	5.188	5.5
44	MP3C	Z	8.986	5.5
45	MP3C	Mx	.005	5.5
46	MP2A	X	2.701	2.5
47	MP2A	Z	4.678	2.5
48	MP2A	Mx	-.001	2.5
49	MP2A	X	2.701	3.5
50	MP2A	Z	4.678	3.5
51	MP2A	Mx	-.001	3.5
52	MP2B	X	2.701	2.5
53	MP2B	Z	4.678	2.5
54	MP2B	Mx	-.001	2.5
55	MP2B	X	2.701	3.5
56	MP2B	Z	4.678	3.5
57	MP2B	Mx	-.001	3.5
58	MP2C	X	1.247	2.5
59	MP2C	Z	2.16	2.5
60	MP2C	Mx	.001	2.5
61	MP2C	X	1.247	3.5
62	MP2C	Z	2.16	3.5
63	MP2C	Mx	.001	3.5
64	M250	X	5.177	2
65	M250	Z	8.966	2
66	M250	Mx	0	2
67	MP3A	X	2.324	2
68	MP3A	Z	4.026	2
69	MP3A	Mx	.001	2
70	MP3B	X	2.324	2
71	MP3B	Z	4.026	2
72	MP3B	Mx	.001	2
73	MP3C	X	1.694	2
74	MP3C	Z	2.934	2
75	MP3C	Mx	-.002	2
76	MP4A	X	2.244	2
77	MP4A	Z	3.887	2
78	MP4A	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP4B	X	2.244	2
80	MP4B	Z	3.887	2
81	MP4B	Mx	.001	2
82	MP4C	X	1.372	2
83	MP4C	Z	2.377	2
84	MP4C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2
2	MP2A	Z	5.313	2
3	MP2A	Mx	0	2
4	MP2B	X	0	2
5	MP2B	Z	2.998	2
6	MP2B	Mx	.000865	2
7	MP2C	X	0	2
8	MP2C	Z	2.998	2
9	MP2C	Mx	-.000865	2
10	MP3A	X	0	.5
11	MP3A	Z	15.438	.5
12	MP3A	Mx	-.01	.5
13	MP3A	X	0	5.5
14	MP3A	Z	15.438	5.5
15	MP3A	Mx	-.01	5.5
16	MP3B	X	0	.5
17	MP3B	Z	11.641	.5
18	MP3B	Mx	-.001	.5
19	MP3B	X	0	5.5
20	MP3B	Z	11.641	5.5
21	MP3B	Mx	-.001	5.5
22	MP3C	X	0	.5
23	MP3C	Z	11.641	.5
24	MP3C	Mx	.009	.5
25	MP3C	X	0	5.5
26	MP3C	Z	11.641	5.5
27	MP3C	Mx	.009	5.5
28	MP3A	X	0	.5
29	MP3A	Z	15.438	.5
30	MP3A	Mx	.01	.5
31	MP3A	X	0	5.5
32	MP3A	Z	15.438	5.5
33	MP3A	Mx	.01	5.5
34	MP3B	X	0	.5
35	MP3B	Z	11.641	.5
36	MP3B	Mx	-.009	.5
37	MP3B	X	0	5.5
38	MP3B	Z	11.641	5.5
39	MP3B	Mx	-.009	5.5
40	MP3C	X	0	.5
41	MP3C	Z	11.641	.5
42	MP3C	Mx	.001	.5
43	MP3C	X	0	5.5
44	MP3C	Z	11.641	5.5
45	MP3C	Mx	.001	5.5
46	MP2A	X	0	2.5
47	MP2A	Z	6.37	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2A	Mx	0	2.5
49	MP2A	X	0	3.5
50	MP2A	Z	6.37	3.5
51	MP2A	Mx	0	3.5
52	MP2B	X	0	2.5
53	MP2B	Z	3.463	2.5
54	MP2B	Mx	-.002	2.5
55	MP2B	X	0	3.5
56	MP2B	Z	3.463	3.5
57	MP2B	Mx	-.002	3.5
58	MP2C	X	0	2.5
59	MP2C	Z	3.463	2.5
60	MP2C	Mx	.002	2.5
61	MP2C	X	0	3.5
62	MP2C	Z	3.463	3.5
63	MP2C	Mx	.002	3.5
64	M250	X	0	2
65	M250	Z	11.006	2
66	M250	Mx	0	2
67	MP3A	X	0	2
68	MP3A	Z	5.069	2
69	MP3A	Mx	0	2
70	MP3B	X	0	2
71	MP3B	Z	3.809	2
72	MP3B	Mx	.002	2
73	MP3C	X	0	2
74	MP3C	Z	3.809	2
75	MP3C	Mx	-.002	2
76	MP4A	X	0	2
77	MP4A	Z	5.069	2
78	MP4A	Mx	0	2
79	MP4B	X	0	2
80	MP4B	Z	3.326	2
81	MP4B	Mx	.001	2
82	MP4C	X	0	2
83	MP4C	Z	3.326	2
84	MP4C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.271	2
2	MP2A	Z	3.933	2
3	MP2A	Mx	-.000757	2
4	MP2B	X	-1.113	2
5	MP2B	Z	1.928	2
6	MP2B	Mx	.000742	2
7	MP2C	X	-2.271	2
8	MP2C	Z	3.933	2
9	MP2C	Mx	-.000757	2
10	MP3A	X	-7.086	.5
11	MP3A	Z	12.274	.5
12	MP3A	Mx	-.005	.5
13	MP3A	X	-7.086	5.5
14	MP3A	Z	12.274	5.5
15	MP3A	Mx	-.005	5.5
16	MP3B	X	-5.188	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP3B	Z	8.986	.5
18	MP3B	Mx	-.005	.5
19	MP3B	X	-5.188	5.5
20	MP3B	Z	8.986	5.5
21	MP3B	Mx	-.005	5.5
22	MP3C	X	-7.086	.5
23	MP3C	Z	12.274	.5
24	MP3C	Mx	.012	.5
25	MP3C	X	-7.086	5.5
26	MP3C	Z	12.274	5.5
27	MP3C	Mx	.012	5.5
28	MP3A	X	-7.086	.5
29	MP3A	Z	12.274	.5
30	MP3A	Mx	.012	.5
31	MP3A	X	-7.086	5.5
32	MP3A	Z	12.274	5.5
33	MP3A	Mx	.012	5.5
34	MP3B	X	-5.188	.5
35	MP3B	Z	8.986	.5
36	MP3B	Mx	-.005	.5
37	MP3B	X	-5.188	5.5
38	MP3B	Z	8.986	5.5
39	MP3B	Mx	-.005	5.5
40	MP3C	X	-7.086	.5
41	MP3C	Z	12.274	.5
42	MP3C	Mx	-.005	.5
43	MP3C	X	-7.086	5.5
44	MP3C	Z	12.274	5.5
45	MP3C	Mx	-.005	5.5
46	MP2A	X	-2.701	2.5
47	MP2A	Z	4.678	2.5
48	MP2A	Mx	.001	2.5
49	MP2A	X	-2.701	3.5
50	MP2A	Z	4.678	3.5
51	MP2A	Mx	.001	3.5
52	MP2B	X	-1.247	2.5
53	MP2B	Z	2.16	2.5
54	MP2B	Mx	-.001	2.5
55	MP2B	X	-1.247	3.5
56	MP2B	Z	2.16	3.5
57	MP2B	Mx	-.001	3.5
58	MP2C	X	-2.701	2.5
59	MP2C	Z	4.678	2.5
60	MP2C	Mx	.001	2.5
61	MP2C	X	-2.701	3.5
62	MP2C	Z	4.678	3.5
63	MP2C	Mx	.001	3.5
64	M250	X	-5.177	2
65	M250	Z	8.966	2
66	M250	Mx	0	2
67	MP3A	X	-2.324	2
68	MP3A	Z	4.026	2
69	MP3A	Mx	-.001	2
70	MP3B	X	-1.694	2
71	MP3B	Z	2.934	2
72	MP3B	Mx	.002	2
73	MP3C	X	-2.324	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	4.026	2
75	MP3C	Mx	-.001	2
76	MP4A	X	-2.244	2
77	MP4A	Z	3.887	2
78	MP4A	Mx	-.001	2
79	MP4B	X	-1.372	2
80	MP4B	Z	2.377	2
81	MP4B	Mx	.001	2
82	MP4C	X	-2.244	2
83	MP4C	Z	3.887	2
84	MP4C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.596	2
2	MP2A	Z	1.499	2
3	MP2A	Mx	-.000865	2
4	MP2B	X	-2.596	2
5	MP2B	Z	1.499	2
6	MP2B	Mx	.000865	2
7	MP2C	X	-4.601	2
8	MP2C	Z	2.657	2
9	MP2C	Mx	0	2
10	MP3A	X	-10.082	.5
11	MP3A	Z	5.821	.5
12	MP3A	Mx	.001	.5
13	MP3A	X	-10.082	5.5
14	MP3A	Z	5.821	5.5
15	MP3A	Mx	.001	5.5
16	MP3B	X	-10.082	.5
17	MP3B	Z	5.821	.5
18	MP3B	Mx	-.009	.5
19	MP3B	X	-10.082	5.5
20	MP3B	Z	5.821	5.5
21	MP3B	Mx	-.009	5.5
22	MP3C	X	-13.369	.5
23	MP3C	Z	7.719	.5
24	MP3C	Mx	.01	.5
25	MP3C	X	-13.369	5.5
26	MP3C	Z	7.719	5.5
27	MP3C	Mx	.01	5.5
28	MP3A	X	-10.082	.5
29	MP3A	Z	5.821	.5
30	MP3A	Mx	.009	.5
31	MP3A	X	-10.082	5.5
32	MP3A	Z	5.821	5.5
33	MP3A	Mx	.009	5.5
34	MP3B	X	-10.082	.5
35	MP3B	Z	5.821	.5
36	MP3B	Mx	-.001	.5
37	MP3B	X	-10.082	5.5
38	MP3B	Z	5.821	5.5
39	MP3B	Mx	-.001	5.5
40	MP3C	X	-13.369	.5
41	MP3C	Z	7.719	.5
42	MP3C	Mx	-.01	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3C	X	-13.369	5.5
44	MP3C	Z	7.719	5.5
45	MP3C	Mx	-.01	5.5
46	MP2A	X	-2.999	2.5
47	MP2A	Z	1.731	2.5
48	MP2A	Mx	.002	2.5
49	MP2A	X	-2.999	3.5
50	MP2A	Z	1.731	3.5
51	MP2A	Mx	.002	3.5
52	MP2B	X	-2.999	2.5
53	MP2B	Z	1.731	2.5
54	MP2B	Mx	-.001	2.5
55	MP2B	X	-2.999	3.5
56	MP2B	Z	1.731	3.5
57	MP2B	Mx	-.001	3.5
58	MP2C	X	-5.517	2.5
59	MP2C	Z	3.185	2.5
60	MP2C	Mx	0	2.5
61	MP2C	X	-5.517	3.5
62	MP2C	Z	3.185	3.5
63	MP2C	Mx	0	3.5
64	M250	X	-7.836	2
65	M250	Z	4.524	2
66	M250	Mx	0	2
67	MP3A	X	-3.298	2
68	MP3A	Z	1.904	2
69	MP3A	Mx	-.002	2
70	MP3B	X	-3.298	2
71	MP3B	Z	1.904	2
72	MP3B	Mx	.002	2
73	MP3C	X	-4.39	2
74	MP3C	Z	2.535	2
75	MP3C	Mx	0	2
76	MP4A	X	-2.88	2
77	MP4A	Z	1.663	2
78	MP4A	Mx	-.001	2
79	MP4B	X	-2.88	2
80	MP4B	Z	1.663	2
81	MP4B	Mx	.001	2
82	MP4C	X	-4.39	2
83	MP4C	Z	2.535	2
84	MP4C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.226	2
2	MP2A	Z	0	2
3	MP2A	Mx	-.000742	2
4	MP2B	X	-4.541	2
5	MP2B	Z	0	2
6	MP2B	Mx	.000757	2
7	MP2C	X	-4.541	2
8	MP2C	Z	0	2
9	MP2C	Mx	.000757	2
10	MP3A	X	-10.376	.5
11	MP3A	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3A	Mx	.005	.5
13	MP3A	X	-10.376	5.5
14	MP3A	Z	0	5.5
15	MP3A	Mx	.005	5.5
16	MP3B	X	-14.172	.5
17	MP3B	Z	0	.5
18	MP3B	Mx	-.012	.5
19	MP3B	X	-14.172	5.5
20	MP3B	Z	0	5.5
21	MP3B	Mx	-.012	5.5
22	MP3C	X	-14.172	.5
23	MP3C	Z	0	.5
24	MP3C	Mx	.005	.5
25	MP3C	X	-14.172	5.5
26	MP3C	Z	0	5.5
27	MP3C	Mx	.005	5.5
28	MP3A	X	-10.376	.5
29	MP3A	Z	0	.5
30	MP3A	Mx	.005	.5
31	MP3A	X	-10.376	5.5
32	MP3A	Z	0	5.5
33	MP3A	Mx	.005	5.5
34	MP3B	X	-14.172	.5
35	MP3B	Z	0	.5
36	MP3B	Mx	.005	.5
37	MP3B	X	-14.172	5.5
38	MP3B	Z	0	5.5
39	MP3B	Mx	.005	5.5
40	MP3C	X	-14.172	.5
41	MP3C	Z	0	.5
42	MP3C	Mx	-.012	.5
43	MP3C	X	-14.172	5.5
44	MP3C	Z	0	5.5
45	MP3C	Mx	-.012	5.5
46	MP2A	X	-2.494	2.5
47	MP2A	Z	0	2.5
48	MP2A	Mx	.001	2.5
49	MP2A	X	-2.494	3.5
50	MP2A	Z	0	3.5
51	MP2A	Mx	.001	3.5
52	MP2B	X	-5.401	2.5
53	MP2B	Z	0	2.5
54	MP2B	Mx	-.001	2.5
55	MP2B	X	-5.401	3.5
56	MP2B	Z	0	3.5
57	MP2B	Mx	-.001	3.5
58	MP2C	X	-5.401	2.5
59	MP2C	Z	0	2.5
60	MP2C	Mx	-.001	2.5
61	MP2C	X	-5.401	3.5
62	MP2C	Z	0	3.5
63	MP2C	Mx	-.001	3.5
64	M250	X	-8.396	2
65	M250	Z	0	2
66	M250	Mx	0	2
67	MP3A	X	-3.388	2
68	MP3A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3A	Mx	-.002	2
70	MP3B	X	-4.649	2
71	MP3B	Z	0	2
72	MP3B	Mx	.001	2
73	MP3C	X	-4.649	2
74	MP3C	Z	0	2
75	MP3C	Mx	.001	2
76	MP4A	X	-2.745	2
77	MP4A	Z	0	2
78	MP4A	Mx	-.001	2
79	MP4B	X	-4.488	2
80	MP4B	Z	0	2
81	MP4B	Mx	.001	2
82	MP4C	X	-4.488	2
83	MP4C	Z	0	2
84	MP4C	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.596	2
2	MP2A	Z	-1.499	2
3	MP2A	Mx	-.000865	2
4	MP2B	X	-4.601	2
5	MP2B	Z	-2.657	2
6	MP2B	Mx	0	2
7	MP2C	X	-2.596	2
8	MP2C	Z	-1.499	2
9	MP2C	Mx	.000865	2
10	MP3A	X	-10.082	.5
11	MP3A	Z	-5.821	.5
12	MP3A	Mx	.009	.5
13	MP3A	X	-10.082	5.5
14	MP3A	Z	-5.821	5.5
15	MP3A	Mx	.009	5.5
16	MP3B	X	-13.369	.5
17	MP3B	Z	-7.719	.5
18	MP3B	Mx	-.01	.5
19	MP3B	X	-13.369	5.5
20	MP3B	Z	-7.719	5.5
21	MP3B	Mx	-.01	5.5
22	MP3C	X	-10.082	.5
23	MP3C	Z	-5.821	.5
24	MP3C	Mx	-.001	.5
25	MP3C	X	-10.082	5.5
26	MP3C	Z	-5.821	5.5
27	MP3C	Mx	-.001	5.5
28	MP3A	X	-10.082	.5
29	MP3A	Z	-5.821	.5
30	MP3A	Mx	.001	.5
31	MP3A	X	-10.082	5.5
32	MP3A	Z	-5.821	5.5
33	MP3A	Mx	.001	5.5
34	MP3B	X	-13.369	.5
35	MP3B	Z	-7.719	.5
36	MP3B	Mx	.01	.5
37	MP3B	X	-13.369	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3B	Z	-7.719	5.5
39	MP3B	Mx	.01	5.5
40	MP3C	X	-10.082	.5
41	MP3C	Z	-5.821	.5
42	MP3C	Mx	-.009	.5
43	MP3C	X	-10.082	5.5
44	MP3C	Z	-5.821	5.5
45	MP3C	Mx	-.009	5.5
46	MP2A	X	-2.999	2.5
47	MP2A	Z	-1.731	2.5
48	MP2A	Mx	.002	2.5
49	MP2A	X	-2.999	3.5
50	MP2A	Z	-1.731	3.5
51	MP2A	Mx	.002	3.5
52	MP2B	X	-5.517	2.5
53	MP2B	Z	-3.185	2.5
54	MP2B	Mx	0	2.5
55	MP2B	X	-5.517	3.5
56	MP2B	Z	-3.185	3.5
57	MP2B	Mx	0	3.5
58	MP2C	X	-2.999	2.5
59	MP2C	Z	-1.731	2.5
60	MP2C	Mx	-.001	2.5
61	MP2C	X	-2.999	3.5
62	MP2C	Z	-1.731	3.5
63	MP2C	Mx	-.001	3.5
64	M250	X	-7.836	2
65	M250	Z	-4.524	2
66	M250	Mx	0	2
67	MP3A	X	-3.298	2
68	MP3A	Z	-1.904	2
69	MP3A	Mx	-.002	2
70	MP3B	X	-4.39	2
71	MP3B	Z	-2.535	2
72	MP3B	Mx	0	2
73	MP3C	X	-3.298	2
74	MP3C	Z	-1.904	2
75	MP3C	Mx	.002	2
76	MP4A	X	-2.88	2
77	MP4A	Z	-1.663	2
78	MP4A	Mx	-.001	2
79	MP4B	X	-4.39	2
80	MP4B	Z	-2.535	2
81	MP4B	Mx	0	2
82	MP4C	X	-2.88	2
83	MP4C	Z	-1.663	2
84	MP4C	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.271	2
2	MP2A	Z	-3.933	2
3	MP2A	Mx	-.000757	2
4	MP2B	X	-2.271	2
5	MP2B	Z	-3.933	2
6	MP2B	Mx	-.000757	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP2C	X	-1.113	2
8	MP2C	Z	-1.928	2
9	MP2C	Mx	.000742	2
10	MP3A	X	-7.086	.5
11	MP3A	Z	-12.274	.5
12	MP3A	Mx	.012	.5
13	MP3A	X	-7.086	5.5
14	MP3A	Z	-12.274	5.5
15	MP3A	Mx	.012	5.5
16	MP3B	X	-7.086	.5
17	MP3B	Z	-12.274	.5
18	MP3B	Mx	-.005	.5
19	MP3B	X	-7.086	5.5
20	MP3B	Z	-12.274	5.5
21	MP3B	Mx	-.005	5.5
22	MP3C	X	-5.188	.5
23	MP3C	Z	-8.986	.5
24	MP3C	Mx	-.005	.5
25	MP3C	X	-5.188	5.5
26	MP3C	Z	-8.986	5.5
27	MP3C	Mx	-.005	5.5
28	MP3A	X	-7.086	.5
29	MP3A	Z	-12.274	.5
30	MP3A	Mx	-.005	.5
31	MP3A	X	-7.086	5.5
32	MP3A	Z	-12.274	5.5
33	MP3A	Mx	-.005	5.5
34	MP3B	X	-7.086	.5
35	MP3B	Z	-12.274	.5
36	MP3B	Mx	.012	.5
37	MP3B	X	-7.086	5.5
38	MP3B	Z	-12.274	5.5
39	MP3B	Mx	.012	5.5
40	MP3C	X	-5.188	.5
41	MP3C	Z	-8.986	.5
42	MP3C	Mx	-.005	.5
43	MP3C	X	-5.188	5.5
44	MP3C	Z	-8.986	5.5
45	MP3C	Mx	-.005	5.5
46	MP2A	X	-2.701	2.5
47	MP2A	Z	-4.678	2.5
48	MP2A	Mx	.001	2.5
49	MP2A	X	-2.701	3.5
50	MP2A	Z	-4.678	3.5
51	MP2A	Mx	.001	3.5
52	MP2B	X	-2.701	2.5
53	MP2B	Z	-4.678	2.5
54	MP2B	Mx	.001	2.5
55	MP2B	X	-2.701	3.5
56	MP2B	Z	-4.678	3.5
57	MP2B	Mx	.001	3.5
58	MP2C	X	-1.247	2.5
59	MP2C	Z	-2.16	2.5
60	MP2C	Mx	-.001	2.5
61	MP2C	X	-1.247	3.5
62	MP2C	Z	-2.16	3.5
63	MP2C	Mx	-.001	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	M250	X	-5.177	2
65	M250	Z	-8.966	2
66	M250	Mx	0	2
67	MP3A	X	-2.324	2
68	MP3A	Z	-4.026	2
69	MP3A	Mx	-.001	2
70	MP3B	X	-2.324	2
71	MP3B	Z	-4.026	2
72	MP3B	Mx	-.001	2
73	MP3C	X	-1.694	2
74	MP3C	Z	-2.934	2
75	MP3C	Mx	.002	2
76	MP4A	X	-2.244	2
77	MP4A	Z	-3.887	2
78	MP4A	Mx	-.001	2
79	MP4B	X	-2.244	2
80	MP4B	Z	-3.887	2
81	MP4B	Mx	-.001	2
82	MP4C	X	-1.372	2
83	MP4C	Z	-2.377	2
84	MP4C	Mx	.001	2

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%19

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%66

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	%100

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.801	-6.801	0	%100
2	M4	Y	-9.93	-9.93	0	%100
3	M10	Y	-9.93	-9.93	0	%100
4	MP3A	Y	-5.894	-5.894	0	%100
5	MP4A	Y	-5.168	-5.168	0	%100
6	MP2A	Y	-5.168	-5.168	0	%100
7	MP1A	Y	-5.168	-5.168	0	%100
8	M43	Y	-9.93	-9.93	0	%100
9	M46	Y	-10.458	-10.458	0	%100
10	M51B	Y	-5.826	-5.826	0	%100
11	M52B	Y	-5.826	-5.826	0	%100
12	M76	Y	-10.445	-10.445	0	%100
13	M77	Y	-10.445	-10.445	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,%]
14	M80	Y	-10.458	-10.458	0	%100
15	M84	Y	-10.445	-10.445	0	%100
16	M85	Y	-10.445	-10.445	0	%100
17	M91	Y	-10.458	-10.458	0	%100
18	M52A	Y	-9.93	-9.93	0	%100
19	M53	Y	-9.93	-9.93	0	%100
20	M54	Y	-9.93	-9.93	0	%100
21	M55	Y	-10.458	-10.458	0	%100
22	M58A	Y	-5.826	-5.826	0	%100
23	M59A	Y	-5.826	-5.826	0	%100
24	M63	Y	-10.445	-10.445	0	%100
25	M64	Y	-10.445	-10.445	0	%100
26	M66	Y	-10.458	-10.458	0	%100
27	M68	Y	-10.445	-10.445	0	%100
28	M69	Y	-10.445	-10.445	0	%100
29	M71	Y	-10.458	-10.458	0	%100
30	M76A	Y	-9.93	-9.93	0	%100
31	M77A	Y	-9.93	-9.93	0	%100
32	M78	Y	-9.93	-9.93	0	%100
33	M79A	Y	-10.458	-10.458	0	%100
34	M82	Y	-5.826	-5.826	0	%100
35	M83A	Y	-5.826	-5.826	0	%100
36	M87	Y	-10.445	-10.445	0	%100
37	M88A	Y	-10.445	-10.445	0	%100
38	M90	Y	-10.458	-10.458	0	%100
39	M92A	Y	-10.445	-10.445	0	%100
40	M93	Y	-10.445	-10.445	0	%100
41	M95	Y	-10.458	-10.458	0	%100
42	M85B	Y	-9.93	-9.93	0	%100
43	M86A	Y	-9.93	-9.93	0	%100
44	M95A	Y	-9.93	-9.93	0	%100
45	M96A	Y	-10.458	-10.458	0	%100
46	M99A	Y	-5.826	-5.826	0	%100
47	M100	Y	-5.826	-5.826	0	%100
48	M104	Y	-10.445	-10.445	0	%100
49	M105	Y	-10.445	-10.445	0	%100
50	M107	Y	-10.458	-10.458	0	%100
51	M109	Y	-10.445	-10.445	0	%100
52	M110	Y	-10.445	-10.445	0	%100
53	M112	Y	-10.458	-10.458	0	%100
54	M117	Y	-9.93	-9.93	0	%100
55	M118	Y	-9.93	-9.93	0	%100
56	M119	Y	-9.93	-9.93	0	%100
57	M120	Y	-10.458	-10.458	0	%100
58	M123	Y	-5.826	-5.826	0	%100
59	M124	Y	-5.826	-5.826	0	%100
60	M128	Y	-10.445	-10.445	0	%100
61	M129	Y	-10.445	-10.445	0	%100
62	M131	Y	-10.458	-10.458	0	%100
63	M133	Y	-10.445	-10.445	0	%100
64	M134	Y	-10.445	-10.445	0	%100
65	M136	Y	-10.458	-10.458	0	%100
66	M141	Y	-9.93	-9.93	0	%100
67	M142	Y	-9.93	-9.93	0	%100
68	M143	Y	-9.93	-9.93	0	%100
69	M144	Y	-10.458	-10.458	0	%100
70	M147	Y	-5.826	-5.826	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,%]
71	M148	Y	-5.826	-5.826	0	%100
72	M152	Y	-10.445	-10.445	0	%100
73	M153	Y	-10.445	-10.445	0	%100
74	M155	Y	-10.458	-10.458	0	%100
75	M157	Y	-10.445	-10.445	0	%100
76	M158	Y	-10.445	-10.445	0	%100
77	M160	Y	-10.458	-10.458	0	%100
78	M166	Y	-6.801	-6.801	0	%100
79	M168	Y	-9.93	-9.93	0	%100
80	M169	Y	-9.93	-9.93	0	%100
81	M178	Y	-9.93	-9.93	0	%100
82	M179	Y	-10.458	-10.458	0	%100
83	M182	Y	-5.826	-5.826	0	%100
84	M183	Y	-5.826	-5.826	0	%100
85	M187	Y	-10.445	-10.445	0	%100
86	M188	Y	-10.445	-10.445	0	%100
87	M190	Y	-10.458	-10.458	0	%100
88	M192	Y	-10.445	-10.445	0	%100
89	M193	Y	-10.445	-10.445	0	%100
90	M195	Y	-10.458	-10.458	0	%100
91	M200	Y	-9.93	-9.93	0	%100
92	M201	Y	-9.93	-9.93	0	%100
93	M202	Y	-9.93	-9.93	0	%100
94	M203	Y	-10.458	-10.458	0	%100
95	M206	Y	-5.826	-5.826	0	%100
96	M207	Y	-5.826	-5.826	0	%100
97	M211	Y	-10.445	-10.445	0	%100
98	M212	Y	-10.445	-10.445	0	%100
99	M214	Y	-10.458	-10.458	0	%100
100	M216	Y	-10.445	-10.445	0	%100
101	M217	Y	-10.445	-10.445	0	%100
102	M219	Y	-10.458	-10.458	0	%100
103	M224	Y	-9.93	-9.93	0	%100
104	M225	Y	-9.93	-9.93	0	%100
105	M226	Y	-9.93	-9.93	0	%100
106	M227	Y	-10.458	-10.458	0	%100
107	M230	Y	-5.826	-5.826	0	%100
108	M231	Y	-5.826	-5.826	0	%100
109	M235	Y	-10.445	-10.445	0	%100
110	M236	Y	-10.445	-10.445	0	%100
111	M238	Y	-10.458	-10.458	0	%100
112	M240	Y	-10.445	-10.445	0	%100
113	M241	Y	-10.445	-10.445	0	%100
114	M243	Y	-10.458	-10.458	0	%100
115	M248	Y	-6.801	-6.801	0	%100
116	M250	Y	-5.168	-5.168	0	%100
117	M230A	Y	-6.801	-6.801	0	%100
118	MP3C	Y	-5.894	-5.894	0	%100
119	MP4C	Y	-5.168	-5.168	0	%100
120	MP2C	Y	-5.168	-5.168	0	%100
121	MP1C	Y	-5.168	-5.168	0	%100
122	M239A	Y	-6.801	-6.801	0	%100
123	MP3B	Y	-5.894	-5.894	0	%100
124	MP4B	Y	-5.168	-5.168	0	%100
125	MP2B	Y	-5.168	-5.168	0	%100
126	MP1B	Y	-5.168	-5.168	0	%100
127	M254	Y	-5.894	-5.894	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,%]
128	M265	Y	-5.894	-5.894	0	%100
129	M276	Y	-5.894	-5.894	0	%100
130	M281	Y	-7.878	-7.878	0	%100
131	M282	Y	-7.878	-7.878	0	%100
132	M283	Y	-7.878	-7.878	0	%100
133	M284	Y	-10.428	-10.428	0	%100
134	M285	Y	-10.428	-10.428	0	%100
135	M286	Y	-10.428	-10.428	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	-13.699	-13.699	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	-11.775	-11.775	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-11.254	-11.254	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-9.296	-9.296	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-9.296	-9.296	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-9.296	-9.296	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-11.775	-11.775	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-23.486	-23.486	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-3.26	-3.26	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-3.26	-3.26	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	-5.98	-5.98	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-6.299	-6.299	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	-5.98	-5.98	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-6.299	-6.299	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-10.436	-10.436	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-2.944	-2.944	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-2.944	-2.944	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-5.871	-5.871	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-3.26	-3.26	0	%100
45	M59A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M59A	Z	-13.041	-13.041	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-17.614	-17.614	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-5.98	-5.98	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-6.299	-6.299	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-17.614	-17.614	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-23.921	-23.921	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-25.195	-25.195	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-10.436	-10.436	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-2.944	-2.944	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-2.944	-2.944	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-5.871	-5.871	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-13.041	-13.041	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-3.26	-3.26	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-17.614	-17.614	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-23.921	-23.921	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-25.195	-25.195	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-17.614	-17.614	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-5.98	-5.98	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-6.299	-6.299	0	%100
83	M85B	X	0	0	0	%100
84	M85B	Z	-10.436	-10.436	0	%100
85	M86A	X	0	0	0	%100
86	M86A	Z	-2.944	-2.944	0	%100
87	M95A	X	0	0	0	%100
88	M95A	Z	-2.944	-2.944	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	-5.871	-5.871	0	%100
91	M99A	X	0	0	0	%100
92	M99A	Z	-3.26	-3.26	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	-13.041	-13.041	0	%100
95	M104	X	0	0	0	%100
96	M104	Z	-17.614	-17.614	0	%100
97	M105	X	0	0	0	%100
98	M105	Z	-5.98	-5.98	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-6.299	-6.299	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	-17.614	-17.614	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,%]
103	M110	X	0	0	0	%100
104	M110	Z	-23.921	-23.921	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	-25.195	-25.195	0	%100
107	M117	X	0	0	0	%100
108	M117	Z	-10.436	-10.436	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	-2.944	-2.944	0	%100
111	M119	X	0	0	0	%100
112	M119	Z	-2.944	-2.944	0	%100
113	M120	X	0	0	0	%100
114	M120	Z	-5.871	-5.871	0	%100
115	M123	X	0	0	0	%100
116	M123	Z	-13.041	-13.041	0	%100
117	M124	X	0	0	0	%100
118	M124	Z	-3.26	-3.26	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	-17.614	-17.614	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	-23.921	-23.921	0	%100
123	M131	X	0	0	0	%100
124	M131	Z	-25.195	-25.195	0	%100
125	M133	X	0	0	0	%100
126	M133	Z	-17.614	-17.614	0	%100
127	M134	X	0	0	0	%100
128	M134	Z	-5.98	-5.98	0	%100
129	M136	X	0	0	0	%100
130	M136	Z	-6.299	-6.299	0	%100
131	M141	X	0	0	0	%100
132	M141	Z	0	0	0	%100
133	M142	X	0	0	0	%100
134	M142	Z	-11.775	-11.775	0	%100
135	M143	X	0	0	0	%100
136	M143	Z	-11.775	-11.775	0	%100
137	M144	X	0	0	0	%100
138	M144	Z	-23.486	-23.486	0	%100
139	M147	X	0	0	0	%100
140	M147	Z	-3.26	-3.26	0	%100
141	M148	X	0	0	0	%100
142	M148	Z	-3.26	-3.26	0	%100
143	M152	X	0	0	0	%100
144	M152	Z	0	0	0	%100
145	M153	X	0	0	0	%100
146	M153	Z	-5.98	-5.98	0	%100
147	M155	X	0	0	0	%100
148	M155	Z	-6.299	-6.299	0	%100
149	M157	X	0	0	0	%100
150	M157	Z	0	0	0	%100
151	M158	X	0	0	0	%100
152	M158	Z	-5.98	-5.98	0	%100
153	M160	X	0	0	0	%100
154	M160	Z	-6.299	-6.299	0	%100
155	M166	X	0	0	0	%100
156	M166	Z	-13.699	-13.699	0	%100
157	M168	X	0	0	0	%100
158	M168	Z	-10.436	-10.436	0	%100
159	M169	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
160	M169	Z	-2.944	-2.944	0	%100
161	M178	X	0	0	0	%100
162	M178	Z	-2.944	-2.944	0	%100
163	M179	X	0	0	0	%100
164	M179	Z	-5.871	-5.871	0	%100
165	M182	X	0	0	0	%100
166	M182	Z	-13.041	-13.041	0	%100
167	M183	X	0	0	0	%100
168	M183	Z	-3.26	-3.26	0	%100
169	M187	X	0	0	0	%100
170	M187	Z	-17.614	-17.614	0	%100
171	M188	X	0	0	0	%100
172	M188	Z	-23.921	-23.921	0	%100
173	M190	X	0	0	0	%100
174	M190	Z	-25.195	-25.195	0	%100
175	M192	X	0	0	0	%100
176	M192	Z	-17.614	-17.614	0	%100
177	M193	X	0	0	0	%100
178	M193	Z	-5.98	-5.98	0	%100
179	M195	X	0	0	0	%100
180	M195	Z	-6.299	-6.299	0	%100
181	M200	X	0	0	0	%100
182	M200	Z	0	0	0	%100
183	M201	X	0	0	0	%100
184	M201	Z	-11.775	-11.775	0	%100
185	M202	X	0	0	0	%100
186	M202	Z	-11.775	-11.775	0	%100
187	M203	X	0	0	0	%100
188	M203	Z	-23.486	-23.486	0	%100
189	M206	X	0	0	0	%100
190	M206	Z	-3.26	-3.26	0	%100
191	M207	X	0	0	0	%100
192	M207	Z	-3.26	-3.26	0	%100
193	M211	X	0	0	0	%100
194	M211	Z	0	0	0	%100
195	M212	X	0	0	0	%100
196	M212	Z	-5.98	-5.98	0	%100
197	M214	X	0	0	0	%100
198	M214	Z	-6.299	-6.299	0	%100
199	M216	X	0	0	0	%100
200	M216	Z	0	0	0	%100
201	M217	X	0	0	0	%100
202	M217	Z	-5.98	-5.98	0	%100
203	M219	X	0	0	0	%100
204	M219	Z	-6.299	-6.299	0	%100
205	M224	X	0	0	0	%100
206	M224	Z	-10.436	-10.436	0	%100
207	M225	X	0	0	0	%100
208	M225	Z	-2.944	-2.944	0	%100
209	M226	X	0	0	0	%100
210	M226	Z	-2.944	-2.944	0	%100
211	M227	X	0	0	0	%100
212	M227	Z	-5.871	-5.871	0	%100
213	M230	X	0	0	0	%100
214	M230	Z	-3.26	-3.26	0	%100
215	M231	X	0	0	0	%100
216	M231	Z	-13.041	-13.041	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,%]
217	M235	X	0	0	0	%100
218	M235	Z	-17.614	-17.614	0	%100
219	M236	X	0	0	0	%100
220	M236	Z	-5.98	-5.98	0	%100
221	M238	X	0	0	0	%100
222	M238	Z	-6.299	-6.299	0	%100
223	M240	X	0	0	0	%100
224	M240	Z	-17.614	-17.614	0	%100
225	M241	X	0	0	0	%100
226	M241	Z	-23.921	-23.921	0	%100
227	M243	X	0	0	0	%100
228	M243	Z	-25.195	-25.195	0	%100
229	M248	X	0	0	0	%100
230	M248	Z	-13.699	-13.699	0	%100
231	M250	X	0	0	0	%100
232	M250	Z	-9.296	-9.296	0	%100
233	M230A	X	0	0	0	%100
234	M230A	Z	-3.425	-3.425	0	%100
235	MP3C	X	0	0	0	%100
236	MP3C	Z	-11.254	-11.254	0	%100
237	MP4C	X	0	0	0	%100
238	MP4C	Z	-9.296	-9.296	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	-9.296	-9.296	0	%100
241	MP1C	X	0	0	0	%100
242	MP1C	Z	-9.296	-9.296	0	%100
243	M239A	X	0	0	0	%100
244	M239A	Z	-3.425	-3.425	0	%100
245	MP3B	X	0	0	0	%100
246	MP3B	Z	-11.254	-11.254	0	%100
247	MP4B	X	0	0	0	%100
248	MP4B	Z	-9.296	-9.296	0	%100
249	MP2B	X	0	0	0	%100
250	MP2B	Z	-9.296	-9.296	0	%100
251	MP1B	X	0	0	0	%100
252	MP1B	Z	-9.296	-9.296	0	%100
253	M254	X	0	0	0	%100
254	M254	Z	-2.813	-2.813	0	%100
255	M265	X	0	0	0	%100
256	M265	Z	-11.254	-11.254	0	%100
257	M276	X	0	0	0	%100
258	M276	Z	-2.813	-2.813	0	%100
259	M281	X	0	0	0	%100
260	M281	Z	-3.161	-3.161	0	%100
261	M282	X	0	0	0	%100
262	M282	Z	-12.644	-12.644	0	%100
263	M283	X	0	0	0	%100
264	M283	Z	-3.161	-3.161	0	%100
265	M284	X	0	0	0	%100
266	M284	Z	-16.337	-16.337	0	%100
267	M285	X	0	0	0	%100
268	M285	Z	-18.704	-18.704	0	%100
269	M286	X	0	0	0	%100
270	M286	Z	-18.704	-18.704	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,%]

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,%]
1	M1	X	5.137	5.137	0	%100
2	M1	Z	-8.897	-8.897	0	%100
3	M4	X	1.739	1.739	0	%100
4	M4	Z	-3.013	-3.013	0	%100
5	M10	X	4.415	4.415	0	%100
6	M10	Z	-7.648	-7.648	0	%100
7	MP3A	X	5.627	5.627	0	%100
8	MP3A	Z	-9.746	-9.746	0	%100
9	MP4A	X	4.648	4.648	0	%100
10	MP4A	Z	-8.051	-8.051	0	%100
11	MP2A	X	4.648	4.648	0	%100
12	MP2A	Z	-8.051	-8.051	0	%100
13	MP1A	X	4.648	4.648	0	%100
14	MP1A	Z	-8.051	-8.051	0	%100
15	M43	X	4.415	4.415	0	%100
16	M43	Z	-7.648	-7.648	0	%100
17	M46	X	8.807	8.807	0	%100
18	M46	Z	-15.254	-15.254	0	%100
19	M51B	X	4.89	4.89	0	%100
20	M51B	Z	-8.471	-8.471	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	2.936	2.936	0	%100
24	M76	Z	-5.085	-5.085	0	%100
25	M77	X	8.97	8.97	0	%100
26	M77	Z	-15.537	-15.537	0	%100
27	M80	X	9.448	9.448	0	%100
28	M80	Z	-16.365	-16.365	0	%100
29	M84	X	2.936	2.936	0	%100
30	M84	Z	-5.085	-5.085	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	1.739	1.739	0	%100
36	M52A	Z	-3.013	-3.013	0	%100
37	M53	X	4.415	4.415	0	%100
38	M53	Z	-7.648	-7.648	0	%100
39	M54	X	4.415	4.415	0	%100
40	M54	Z	-7.648	-7.648	0	%100
41	M55	X	8.807	8.807	0	%100
42	M55	Z	-15.254	-15.254	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	4.89	4.89	0	%100
46	M59A	Z	-8.471	-8.471	0	%100
47	M63	X	2.936	2.936	0	%100
48	M63	Z	-5.085	-5.085	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	2.936	2.936	0	%100
54	M68	Z	-5.085	-5.085	0	%100
55	M69	X	8.97	8.97	0	%100
56	M69	Z	-15.537	-15.537	0	%100
57	M71	X	9.448	9.448	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,%]
58	M71	Z	-16.365	-16.365	0	%100
59	M76A	X	6.958	6.958	0	%100
60	M76A	Z	-12.051	-12.051	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	4.89	4.89	0	%100
68	M82	Z	-8.471	-8.471	0	%100
69	M83A	X	4.89	4.89	0	%100
70	M83A	Z	-8.471	-8.471	0	%100
71	M87	X	11.743	11.743	0	%100
72	M87	Z	-20.339	-20.339	0	%100
73	M88A	X	8.97	8.97	0	%100
74	M88A	Z	-15.537	-15.537	0	%100
75	M90	X	9.448	9.448	0	%100
76	M90	Z	-16.365	-16.365	0	%100
77	M92A	X	11.743	11.743	0	%100
78	M92A	Z	-20.339	-20.339	0	%100
79	M93	X	8.97	8.97	0	%100
80	M93	Z	-15.537	-15.537	0	%100
81	M95	X	9.448	9.448	0	%100
82	M95	Z	-16.365	-16.365	0	%100
83	M85B	X	1.739	1.739	0	%100
84	M85B	Z	-3.013	-3.013	0	%100
85	M86A	X	4.415	4.415	0	%100
86	M86A	Z	-7.648	-7.648	0	%100
87	M95A	X	4.415	4.415	0	%100
88	M95A	Z	-7.648	-7.648	0	%100
89	M96A	X	8.807	8.807	0	%100
90	M96A	Z	-15.254	-15.254	0	%100
91	M99A	X	0	0	0	%100
92	M99A	Z	0	0	0	%100
93	M100	X	4.89	4.89	0	%100
94	M100	Z	-8.471	-8.471	0	%100
95	M104	X	2.936	2.936	0	%100
96	M104	Z	-5.085	-5.085	0	%100
97	M105	X	0	0	0	%100
98	M105	Z	0	0	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M109	X	2.936	2.936	0	%100
102	M109	Z	-5.085	-5.085	0	%100
103	M110	X	8.97	8.97	0	%100
104	M110	Z	-15.537	-15.537	0	%100
105	M112	X	9.448	9.448	0	%100
106	M112	Z	-16.365	-16.365	0	%100
107	M117	X	6.958	6.958	0	%100
108	M117	Z	-12.051	-12.051	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	0	0	0	%100
111	M119	X	0	0	0	%100
112	M119	Z	0	0	0	%100
113	M120	X	0	0	0	%100
114	M120	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,%]
115	M123	X	4.89	4.89	0	%100
116	M123	Z	-8.471	-8.471	0	%100
117	M124	X	4.89	4.89	0	%100
118	M124	Z	-8.471	-8.471	0	%100
119	M128	X	11.743	11.743	0	%100
120	M128	Z	-20.339	-20.339	0	%100
121	M129	X	8.97	8.97	0	%100
122	M129	Z	-15.537	-15.537	0	%100
123	M131	X	9.448	9.448	0	%100
124	M131	Z	-16.365	-16.365	0	%100
125	M133	X	11.743	11.743	0	%100
126	M133	Z	-20.339	-20.339	0	%100
127	M134	X	8.97	8.97	0	%100
128	M134	Z	-15.537	-15.537	0	%100
129	M136	X	9.448	9.448	0	%100
130	M136	Z	-16.365	-16.365	0	%100
131	M141	X	1.739	1.739	0	%100
132	M141	Z	-3.013	-3.013	0	%100
133	M142	X	4.415	4.415	0	%100
134	M142	Z	-7.648	-7.648	0	%100
135	M143	X	4.415	4.415	0	%100
136	M143	Z	-7.648	-7.648	0	%100
137	M144	X	8.807	8.807	0	%100
138	M144	Z	-15.254	-15.254	0	%100
139	M147	X	4.89	4.89	0	%100
140	M147	Z	-8.471	-8.471	0	%100
141	M148	X	0	0	0	%100
142	M148	Z	0	0	0	%100
143	M152	X	2.936	2.936	0	%100
144	M152	Z	-5.085	-5.085	0	%100
145	M153	X	8.97	8.97	0	%100
146	M153	Z	-15.537	-15.537	0	%100
147	M155	X	9.448	9.448	0	%100
148	M155	Z	-16.365	-16.365	0	%100
149	M157	X	2.936	2.936	0	%100
150	M157	Z	-5.085	-5.085	0	%100
151	M158	X	0	0	0	%100
152	M158	Z	0	0	0	%100
153	M160	X	0	0	0	%100
154	M160	Z	0	0	0	%100
155	M166	X	5.137	5.137	0	%100
156	M166	Z	-8.897	-8.897	0	%100
157	M168	X	6.958	6.958	0	%100
158	M168	Z	-12.051	-12.051	0	%100
159	M169	X	0	0	0	%100
160	M169	Z	0	0	0	%100
161	M178	X	0	0	0	%100
162	M178	Z	0	0	0	%100
163	M179	X	0	0	0	%100
164	M179	Z	0	0	0	%100
165	M182	X	4.89	4.89	0	%100
166	M182	Z	-8.471	-8.471	0	%100
167	M183	X	4.89	4.89	0	%100
168	M183	Z	-8.471	-8.471	0	%100
169	M187	X	11.743	11.743	0	%100
170	M187	Z	-20.339	-20.339	0	%100
171	M188	X	8.97	8.97	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,%]
172	M188	Z	-15.537	-15.537	0	%100
173	M190	X	9.448	9.448	0	%100
174	M190	Z	-16.365	-16.365	0	%100
175	M192	X	11.743	11.743	0	%100
176	M192	Z	-20.339	-20.339	0	%100
177	M193	X	8.97	8.97	0	%100
178	M193	Z	-15.537	-15.537	0	%100
179	M195	X	9.448	9.448	0	%100
180	M195	Z	-16.365	-16.365	0	%100
181	M200	X	1.739	1.739	0	%100
182	M200	Z	-3.013	-3.013	0	%100
183	M201	X	4.415	4.415	0	%100
184	M201	Z	-7.648	-7.648	0	%100
185	M202	X	4.415	4.415	0	%100
186	M202	Z	-7.648	-7.648	0	%100
187	M203	X	8.807	8.807	0	%100
188	M203	Z	-15.254	-15.254	0	%100
189	M206	X	4.89	4.89	0	%100
190	M206	Z	-8.471	-8.471	0	%100
191	M207	X	0	0	0	%100
192	M207	Z	0	0	0	%100
193	M211	X	2.936	2.936	0	%100
194	M211	Z	-5.085	-5.085	0	%100
195	M212	X	8.97	8.97	0	%100
196	M212	Z	-15.537	-15.537	0	%100
197	M214	X	9.448	9.448	0	%100
198	M214	Z	-16.365	-16.365	0	%100
199	M216	X	2.936	2.936	0	%100
200	M216	Z	-5.085	-5.085	0	%100
201	M217	X	0	0	0	%100
202	M217	Z	0	0	0	%100
203	M219	X	0	0	0	%100
204	M219	Z	0	0	0	%100
205	M224	X	1.739	1.739	0	%100
206	M224	Z	-3.013	-3.013	0	%100
207	M225	X	4.415	4.415	0	%100
208	M225	Z	-7.648	-7.648	0	%100
209	M226	X	4.415	4.415	0	%100
210	M226	Z	-7.648	-7.648	0	%100
211	M227	X	8.807	8.807	0	%100
212	M227	Z	-15.254	-15.254	0	%100
213	M230	X	0	0	0	%100
214	M230	Z	0	0	0	%100
215	M231	X	4.89	4.89	0	%100
216	M231	Z	-8.471	-8.471	0	%100
217	M235	X	2.936	2.936	0	%100
218	M235	Z	-5.085	-5.085	0	%100
219	M236	X	0	0	0	%100
220	M236	Z	0	0	0	%100
221	M238	X	0	0	0	%100
222	M238	Z	0	0	0	%100
223	M240	X	2.936	2.936	0	%100
224	M240	Z	-5.085	-5.085	0	%100
225	M241	X	8.97	8.97	0	%100
226	M241	Z	-15.537	-15.537	0	%100
227	M243	X	9.448	9.448	0	%100
228	M243	Z	-16.365	-16.365	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,%]
229	M248	X	5.137	5.137	0	%100
230	M248	Z	-8.897	-8.897	0	%100
231	M250	X	4.648	4.648	0	%100
232	M250	Z	-8.051	-8.051	0	%100
233	M230A	X	5.137	5.137	0	%100
234	M230A	Z	-8.897	-8.897	0	%100
235	MP3C	X	5.627	5.627	0	%100
236	MP3C	Z	-9.746	-9.746	0	%100
237	MP4C	X	4.648	4.648	0	%100
238	MP4C	Z	-8.051	-8.051	0	%100
239	MP2C	X	4.648	4.648	0	%100
240	MP2C	Z	-8.051	-8.051	0	%100
241	MP1C	X	4.648	4.648	0	%100
242	MP1C	Z	-8.051	-8.051	0	%100
243	M239A	X	0	0	0	%100
244	M239A	Z	0	0	0	%100
245	MP3B	X	5.627	5.627	0	%100
246	MP3B	Z	-9.746	-9.746	0	%100
247	MP4B	X	4.648	4.648	0	%100
248	MP4B	Z	-8.051	-8.051	0	%100
249	MP2B	X	4.648	4.648	0	%100
250	MP2B	Z	-8.051	-8.051	0	%100
251	MP1B	X	4.648	4.648	0	%100
252	MP1B	Z	-8.051	-8.051	0	%100
253	M254	X	0	0	0	%100
254	M254	Z	0	0	0	%100
255	M265	X	4.22	4.22	0	%100
256	M265	Z	-7.309	-7.309	0	%100
257	M276	X	4.22	4.22	0	%100
258	M276	Z	-7.309	-7.309	0	%100
259	M281	X	4.742	4.742	0	%100
260	M281	Z	-8.213	-8.213	0	%100
261	M282	X	4.742	4.742	0	%100
262	M282	Z	-8.213	-8.213	0	%100
263	M283	X	0	0	0	%100
264	M283	Z	0	0	0	%100
265	M284	X	8.563	8.563	0	%100
266	M284	Z	-14.832	-14.832	0	%100
267	M285	X	8.563	8.563	0	%100
268	M285	Z	-14.832	-14.832	0	%100
269	M286	X	9.746	9.746	0	%100
270	M286	Z	-16.881	-16.881	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	2.966	2.966	0	%100
2	M1	Z	-1.712	-1.712	0	%100
3	M4	X	9.038	9.038	0	%100
4	M4	Z	-5.218	-5.218	0	%100
5	M10	X	2.549	2.549	0	%100
6	M10	Z	-1.472	-1.472	0	%100
7	MP3A	X	9.746	9.746	0	%100
8	MP3A	Z	-5.627	-5.627	0	%100
9	MP4A	X	8.051	8.051	0	%100
10	MP4A	Z	-4.648	-4.648	0	%100
11	MP2A	X	8.051	8.051	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,%]
12	MP2A	Z	-4.648	-4.648	0	%100
13	MP1A	X	8.051	8.051	0	%100
14	MP1A	Z	-4.648	-4.648	0	%100
15	M43	X	2.549	2.549	0	%100
16	M43	Z	-1.472	-1.472	0	%100
17	M46	X	5.085	5.085	0	%100
18	M46	Z	-2.936	-2.936	0	%100
19	M51B	X	11.294	11.294	0	%100
20	M51B	Z	-6.521	-6.521	0	%100
21	M52B	X	2.824	2.824	0	%100
22	M52B	Z	-1.63	-1.63	0	%100
23	M76	X	15.254	15.254	0	%100
24	M76	Z	-8.807	-8.807	0	%100
25	M77	X	20.716	20.716	0	%100
26	M77	Z	-11.96	-11.96	0	%100
27	M80	X	21.82	21.82	0	%100
28	M80	Z	-12.598	-12.598	0	%100
29	M84	X	15.254	15.254	0	%100
30	M84	Z	-8.807	-8.807	0	%100
31	M85	X	5.179	5.179	0	%100
32	M85	Z	-2.99	-2.99	0	%100
33	M91	X	5.455	5.455	0	%100
34	M91	Z	-3.149	-3.149	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	10.197	10.197	0	%100
38	M53	Z	-5.887	-5.887	0	%100
39	M54	X	10.197	10.197	0	%100
40	M54	Z	-5.887	-5.887	0	%100
41	M55	X	20.339	20.339	0	%100
42	M55	Z	-11.743	-11.743	0	%100
43	M58A	X	2.824	2.824	0	%100
44	M58A	Z	-1.63	-1.63	0	%100
45	M59A	X	2.824	2.824	0	%100
46	M59A	Z	-1.63	-1.63	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	5.179	5.179	0	%100
50	M64	Z	-2.99	-2.99	0	%100
51	M66	X	5.455	5.455	0	%100
52	M66	Z	-3.149	-3.149	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	5.179	5.179	0	%100
56	M69	Z	-2.99	-2.99	0	%100
57	M71	X	5.455	5.455	0	%100
58	M71	Z	-3.149	-3.149	0	%100
59	M76A	X	9.038	9.038	0	%100
60	M76A	Z	-5.218	-5.218	0	%100
61	M77A	X	2.549	2.549	0	%100
62	M77A	Z	-1.472	-1.472	0	%100
63	M78	X	2.549	2.549	0	%100
64	M78	Z	-1.472	-1.472	0	%100
65	M79A	X	5.085	5.085	0	%100
66	M79A	Z	-2.936	-2.936	0	%100
67	M82	X	2.824	2.824	0	%100
68	M82	Z	-1.63	-1.63	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,%]
69	M83A	X	11.294	11.294	0	%100
70	M83A	Z	-6.521	-6.521	0	%100
71	M87	X	15.254	15.254	0	%100
72	M87	Z	-8.807	-8.807	0	%100
73	M88A	X	5.179	5.179	0	%100
74	M88A	Z	-2.99	-2.99	0	%100
75	M90	X	5.455	5.455	0	%100
76	M90	Z	-3.149	-3.149	0	%100
77	M92A	X	15.254	15.254	0	%100
78	M92A	Z	-8.807	-8.807	0	%100
79	M93	X	20.716	20.716	0	%100
80	M93	Z	-11.96	-11.96	0	%100
81	M95	X	21.82	21.82	0	%100
82	M95	Z	-12.598	-12.598	0	%100
83	M85B	X	0	0	0	%100
84	M85B	Z	0	0	0	%100
85	M86A	X	10.197	10.197	0	%100
86	M86A	Z	-5.887	-5.887	0	%100
87	M95A	X	10.197	10.197	0	%100
88	M95A	Z	-5.887	-5.887	0	%100
89	M96A	X	20.339	20.339	0	%100
90	M96A	Z	-11.743	-11.743	0	%100
91	M99A	X	2.824	2.824	0	%100
92	M99A	Z	-1.63	-1.63	0	%100
93	M100	X	2.824	2.824	0	%100
94	M100	Z	-1.63	-1.63	0	%100
95	M104	X	0	0	0	%100
96	M104	Z	0	0	0	%100
97	M105	X	5.179	5.179	0	%100
98	M105	Z	-2.99	-2.99	0	%100
99	M107	X	5.455	5.455	0	%100
100	M107	Z	-3.149	-3.149	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	5.179	5.179	0	%100
104	M110	Z	-2.99	-2.99	0	%100
105	M112	X	5.455	5.455	0	%100
106	M112	Z	-3.149	-3.149	0	%100
107	M117	X	9.038	9.038	0	%100
108	M117	Z	-5.218	-5.218	0	%100
109	M118	X	2.549	2.549	0	%100
110	M118	Z	-1.472	-1.472	0	%100
111	M119	X	2.549	2.549	0	%100
112	M119	Z	-1.472	-1.472	0	%100
113	M120	X	5.085	5.085	0	%100
114	M120	Z	-2.936	-2.936	0	%100
115	M123	X	2.824	2.824	0	%100
116	M123	Z	-1.63	-1.63	0	%100
117	M124	X	11.294	11.294	0	%100
118	M124	Z	-6.521	-6.521	0	%100
119	M128	X	15.254	15.254	0	%100
120	M128	Z	-8.807	-8.807	0	%100
121	M129	X	5.179	5.179	0	%100
122	M129	Z	-2.99	-2.99	0	%100
123	M131	X	5.455	5.455	0	%100
124	M131	Z	-3.149	-3.149	0	%100
125	M133	X	15.254	15.254	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,%]
126	M133	Z	-8.807	-8.807	0	%100
127	M134	X	20.716	20.716	0	%100
128	M134	Z	-11.96	-11.96	0	%100
129	M136	X	21.82	21.82	0	%100
130	M136	Z	-12.598	-12.598	0	%100
131	M141	X	9.038	9.038	0	%100
132	M141	Z	-5.218	-5.218	0	%100
133	M142	X	2.549	2.549	0	%100
134	M142	Z	-1.472	-1.472	0	%100
135	M143	X	2.549	2.549	0	%100
136	M143	Z	-1.472	-1.472	0	%100
137	M144	X	5.085	5.085	0	%100
138	M144	Z	-2.936	-2.936	0	%100
139	M147	X	11.294	11.294	0	%100
140	M147	Z	-6.521	-6.521	0	%100
141	M148	X	2.824	2.824	0	%100
142	M148	Z	-1.63	-1.63	0	%100
143	M152	X	15.254	15.254	0	%100
144	M152	Z	-8.807	-8.807	0	%100
145	M153	X	20.716	20.716	0	%100
146	M153	Z	-11.96	-11.96	0	%100
147	M155	X	21.82	21.82	0	%100
148	M155	Z	-12.598	-12.598	0	%100
149	M157	X	15.254	15.254	0	%100
150	M157	Z	-8.807	-8.807	0	%100
151	M158	X	5.179	5.179	0	%100
152	M158	Z	-2.99	-2.99	0	%100
153	M160	X	5.455	5.455	0	%100
154	M160	Z	-3.149	-3.149	0	%100
155	M166	X	2.966	2.966	0	%100
156	M166	Z	-1.712	-1.712	0	%100
157	M168	X	9.038	9.038	0	%100
158	M168	Z	-5.218	-5.218	0	%100
159	M169	X	2.549	2.549	0	%100
160	M169	Z	-1.472	-1.472	0	%100
161	M178	X	2.549	2.549	0	%100
162	M178	Z	-1.472	-1.472	0	%100
163	M179	X	5.085	5.085	0	%100
164	M179	Z	-2.936	-2.936	0	%100
165	M182	X	2.824	2.824	0	%100
166	M182	Z	-1.63	-1.63	0	%100
167	M183	X	11.294	11.294	0	%100
168	M183	Z	-6.521	-6.521	0	%100
169	M187	X	15.254	15.254	0	%100
170	M187	Z	-8.807	-8.807	0	%100
171	M188	X	5.179	5.179	0	%100
172	M188	Z	-2.99	-2.99	0	%100
173	M190	X	5.455	5.455	0	%100
174	M190	Z	-3.149	-3.149	0	%100
175	M192	X	15.254	15.254	0	%100
176	M192	Z	-8.807	-8.807	0	%100
177	M193	X	20.716	20.716	0	%100
178	M193	Z	-11.96	-11.96	0	%100
179	M195	X	21.82	21.82	0	%100
180	M195	Z	-12.598	-12.598	0	%100
181	M200	X	9.038	9.038	0	%100
182	M200	Z	-5.218	-5.218	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,%]
183	M201	X	2.549	2.549	0	%100
184	M201	Z	-1.472	-1.472	0	%100
185	M202	X	2.549	2.549	0	%100
186	M202	Z	-1.472	-1.472	0	%100
187	M203	X	5.085	5.085	0	%100
188	M203	Z	-2.936	-2.936	0	%100
189	M206	X	11.294	11.294	0	%100
190	M206	Z	-6.521	-6.521	0	%100
191	M207	X	2.824	2.824	0	%100
192	M207	Z	-1.63	-1.63	0	%100
193	M211	X	15.254	15.254	0	%100
194	M211	Z	-8.807	-8.807	0	%100
195	M212	X	20.716	20.716	0	%100
196	M212	Z	-11.96	-11.96	0	%100
197	M214	X	21.82	21.82	0	%100
198	M214	Z	-12.598	-12.598	0	%100
199	M216	X	15.254	15.254	0	%100
200	M216	Z	-8.807	-8.807	0	%100
201	M217	X	5.179	5.179	0	%100
202	M217	Z	-2.99	-2.99	0	%100
203	M219	X	5.455	5.455	0	%100
204	M219	Z	-3.149	-3.149	0	%100
205	M224	X	0	0	0	%100
206	M224	Z	0	0	0	%100
207	M225	X	10.197	10.197	0	%100
208	M225	Z	-5.887	-5.887	0	%100
209	M226	X	10.197	10.197	0	%100
210	M226	Z	-5.887	-5.887	0	%100
211	M227	X	20.339	20.339	0	%100
212	M227	Z	-11.743	-11.743	0	%100
213	M230	X	2.824	2.824	0	%100
214	M230	Z	-1.63	-1.63	0	%100
215	M231	X	2.824	2.824	0	%100
216	M231	Z	-1.63	-1.63	0	%100
217	M235	X	0	0	0	%100
218	M235	Z	0	0	0	%100
219	M236	X	5.179	5.179	0	%100
220	M236	Z	-2.99	-2.99	0	%100
221	M238	X	5.455	5.455	0	%100
222	M238	Z	-3.149	-3.149	0	%100
223	M240	X	0	0	0	%100
224	M240	Z	0	0	0	%100
225	M241	X	5.179	5.179	0	%100
226	M241	Z	-2.99	-2.99	0	%100
227	M243	X	5.455	5.455	0	%100
228	M243	Z	-3.149	-3.149	0	%100
229	M248	X	2.966	2.966	0	%100
230	M248	Z	-1.712	-1.712	0	%100
231	M250	X	8.051	8.051	0	%100
232	M250	Z	-4.648	-4.648	0	%100
233	M230A	X	11.863	11.863	0	%100
234	M230A	Z	-6.849	-6.849	0	%100
235	MP3C	X	9.746	9.746	0	%100
236	MP3C	Z	-5.627	-5.627	0	%100
237	MP4C	X	8.051	8.051	0	%100
238	MP4C	Z	-4.648	-4.648	0	%100
239	MP2C	X	8.051	8.051	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,%]
240	MP2C	Z	-4.648	-4.648	0	%100
241	MP1C	X	8.051	8.051	0	%100
242	MP1C	Z	-4.648	-4.648	0	%100
243	M239A	X	2.966	2.966	0	%100
244	M239A	Z	-1.712	-1.712	0	%100
245	MP3B	X	9.746	9.746	0	%100
246	MP3B	Z	-5.627	-5.627	0	%100
247	MP4B	X	8.051	8.051	0	%100
248	MP4B	Z	-4.648	-4.648	0	%100
249	MP2B	X	8.051	8.051	0	%100
250	MP2B	Z	-4.648	-4.648	0	%100
251	MP1B	X	8.051	8.051	0	%100
252	MP1B	Z	-4.648	-4.648	0	%100
253	M254	X	2.436	2.436	0	%100
254	M254	Z	-1.407	-1.407	0	%100
255	M265	X	2.436	2.436	0	%100
256	M265	Z	-1.407	-1.407	0	%100
257	M276	X	9.746	9.746	0	%100
258	M276	Z	-5.627	-5.627	0	%100
259	M281	X	10.95	10.95	0	%100
260	M281	Z	-6.322	-6.322	0	%100
261	M282	X	2.738	2.738	0	%100
262	M282	Z	-1.581	-1.581	0	%100
263	M283	X	2.738	2.738	0	%100
264	M283	Z	-1.581	-1.581	0	%100
265	M284	X	16.198	16.198	0	%100
266	M284	Z	-9.352	-9.352	0	%100
267	M285	X	14.148	14.148	0	%100
268	M285	Z	-8.169	-8.169	0	%100
269	M286	X	16.198	16.198	0	%100
270	M286	Z	-9.352	-9.352	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	13.915	13.915	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	11.254	11.254	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	9.296	9.296	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	9.296	9.296	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	9.296	9.296	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	9.781	9.781	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	9.781	9.781	0	%100
22	M52B	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,%]
23	M76	X	23.486	23.486	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	17.941	17.941	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	18.896	18.896	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	23.486	23.486	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	17.941	17.941	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	18.896	18.896	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	3.479	3.479	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	8.831	8.831	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	8.831	8.831	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	17.614	17.614	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	9.781	9.781	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	5.871	5.871	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	17.941	17.941	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	18.896	18.896	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	5.871	5.871	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	3.479	3.479	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	8.831	8.831	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	8.831	8.831	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	17.614	17.614	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	9.781	9.781	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	5.871	5.871	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	5.871	5.871	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	17.941	17.941	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,%]
80	M93	Z	0	0	0	%100
81	M95	X	18.896	18.896	0	%100
82	M95	Z	0	0	0	%100
83	M85B	X	3.479	3.479	0	%100
84	M85B	Z	0	0	0	%100
85	M86A	X	8.831	8.831	0	%100
86	M86A	Z	0	0	0	%100
87	M95A	X	8.831	8.831	0	%100
88	M95A	Z	0	0	0	%100
89	M96A	X	17.614	17.614	0	%100
90	M96A	Z	0	0	0	%100
91	M99A	X	9.781	9.781	0	%100
92	M99A	Z	0	0	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	0	0	0	%100
95	M104	X	5.871	5.871	0	%100
96	M104	Z	0	0	0	%100
97	M105	X	17.941	17.941	0	%100
98	M105	Z	0	0	0	%100
99	M107	X	18.896	18.896	0	%100
100	M107	Z	0	0	0	%100
101	M109	X	5.871	5.871	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	0	0	0	%100
107	M117	X	3.479	3.479	0	%100
108	M117	Z	0	0	0	%100
109	M118	X	8.831	8.831	0	%100
110	M118	Z	0	0	0	%100
111	M119	X	8.831	8.831	0	%100
112	M119	Z	0	0	0	%100
113	M120	X	17.614	17.614	0	%100
114	M120	Z	0	0	0	%100
115	M123	X	0	0	0	%100
116	M123	Z	0	0	0	%100
117	M124	X	9.781	9.781	0	%100
118	M124	Z	0	0	0	%100
119	M128	X	5.871	5.871	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	0	0	0	%100
123	M131	X	0	0	0	%100
124	M131	Z	0	0	0	%100
125	M133	X	5.871	5.871	0	%100
126	M133	Z	0	0	0	%100
127	M134	X	17.941	17.941	0	%100
128	M134	Z	0	0	0	%100
129	M136	X	18.896	18.896	0	%100
130	M136	Z	0	0	0	%100
131	M141	X	13.915	13.915	0	%100
132	M141	Z	0	0	0	%100
133	M142	X	0	0	0	%100
134	M142	Z	0	0	0	%100
135	M143	X	0	0	0	%100
136	M143	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,%]
137	M144	X	0	0	0	%100
138	M144	Z	0	0	0	%100
139	M147	X	9.781	9.781	0	%100
140	M147	Z	0	0	0	%100
141	M148	X	9.781	9.781	0	%100
142	M148	Z	0	0	0	%100
143	M152	X	23.486	23.486	0	%100
144	M152	Z	0	0	0	%100
145	M153	X	17.941	17.941	0	%100
146	M153	Z	0	0	0	%100
147	M155	X	18.896	18.896	0	%100
148	M155	Z	0	0	0	%100
149	M157	X	23.486	23.486	0	%100
150	M157	Z	0	0	0	%100
151	M158	X	17.941	17.941	0	%100
152	M158	Z	0	0	0	%100
153	M160	X	18.896	18.896	0	%100
154	M160	Z	0	0	0	%100
155	M166	X	0	0	0	%100
156	M166	Z	0	0	0	%100
157	M168	X	3.479	3.479	0	%100
158	M168	Z	0	0	0	%100
159	M169	X	8.831	8.831	0	%100
160	M169	Z	0	0	0	%100
161	M178	X	8.831	8.831	0	%100
162	M178	Z	0	0	0	%100
163	M179	X	17.614	17.614	0	%100
164	M179	Z	0	0	0	%100
165	M182	X	0	0	0	%100
166	M182	Z	0	0	0	%100
167	M183	X	9.781	9.781	0	%100
168	M183	Z	0	0	0	%100
169	M187	X	5.871	5.871	0	%100
170	M187	Z	0	0	0	%100
171	M188	X	0	0	0	%100
172	M188	Z	0	0	0	%100
173	M190	X	0	0	0	%100
174	M190	Z	0	0	0	%100
175	M192	X	5.871	5.871	0	%100
176	M192	Z	0	0	0	%100
177	M193	X	17.941	17.941	0	%100
178	M193	Z	0	0	0	%100
179	M195	X	18.896	18.896	0	%100
180	M195	Z	0	0	0	%100
181	M200	X	13.915	13.915	0	%100
182	M200	Z	0	0	0	%100
183	M201	X	0	0	0	%100
184	M201	Z	0	0	0	%100
185	M202	X	0	0	0	%100
186	M202	Z	0	0	0	%100
187	M203	X	0	0	0	%100
188	M203	Z	0	0	0	%100
189	M206	X	9.781	9.781	0	%100
190	M206	Z	0	0	0	%100
191	M207	X	9.781	9.781	0	%100
192	M207	Z	0	0	0	%100
193	M211	X	23.486	23.486	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,%]
194	M211	Z	0	0	0	%100
195	M212	X	17.941	17.941	0	%100
196	M212	Z	0	0	0	%100
197	M214	X	18.896	18.896	0	%100
198	M214	Z	0	0	0	%100
199	M216	X	23.486	23.486	0	%100
200	M216	Z	0	0	0	%100
201	M217	X	17.941	17.941	0	%100
202	M217	Z	0	0	0	%100
203	M219	X	18.896	18.896	0	%100
204	M219	Z	0	0	0	%100
205	M224	X	3.479	3.479	0	%100
206	M224	Z	0	0	0	%100
207	M225	X	8.831	8.831	0	%100
208	M225	Z	0	0	0	%100
209	M226	X	8.831	8.831	0	%100
210	M226	Z	0	0	0	%100
211	M227	X	17.614	17.614	0	%100
212	M227	Z	0	0	0	%100
213	M230	X	9.781	9.781	0	%100
214	M230	Z	0	0	0	%100
215	M231	X	0	0	0	%100
216	M231	Z	0	0	0	%100
217	M235	X	5.871	5.871	0	%100
218	M235	Z	0	0	0	%100
219	M236	X	17.941	17.941	0	%100
220	M236	Z	0	0	0	%100
221	M238	X	18.896	18.896	0	%100
222	M238	Z	0	0	0	%100
223	M240	X	5.871	5.871	0	%100
224	M240	Z	0	0	0	%100
225	M241	X	0	0	0	%100
226	M241	Z	0	0	0	%100
227	M243	X	0	0	0	%100
228	M243	Z	0	0	0	%100
229	M248	X	0	0	0	%100
230	M248	Z	0	0	0	%100
231	M250	X	9.296	9.296	0	%100
232	M250	Z	0	0	0	%100
233	M230A	X	10.274	10.274	0	%100
234	M230A	Z	0	0	0	%100
235	MP3C	X	11.254	11.254	0	%100
236	MP3C	Z	0	0	0	%100
237	MP4C	X	9.296	9.296	0	%100
238	MP4C	Z	0	0	0	%100
239	MP2C	X	9.296	9.296	0	%100
240	MP2C	Z	0	0	0	%100
241	MP1C	X	9.296	9.296	0	%100
242	MP1C	Z	0	0	0	%100
243	M239A	X	10.274	10.274	0	%100
244	M239A	Z	0	0	0	%100
245	MP3B	X	11.254	11.254	0	%100
246	MP3B	Z	0	0	0	%100
247	MP4B	X	9.296	9.296	0	%100
248	MP4B	Z	0	0	0	%100
249	MP2B	X	9.296	9.296	0	%100
250	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,%]
251	MP1B	X	9.296	9.296	0	%100
252	MP1B	Z	0	0	0	%100
253	M254	X	8.44	8.44	0	%100
254	M254	Z	0	0	0	%100
255	M265	X	0	0	0	%100
256	M265	Z	0	0	0	%100
257	M276	X	8.44	8.44	0	%100
258	M276	Z	0	0	0	%100
259	M281	X	9.483	9.483	0	%100
260	M281	Z	0	0	0	%100
261	M282	X	0	0	0	%100
262	M282	Z	0	0	0	%100
263	M283	X	9.483	9.483	0	%100
264	M283	Z	0	0	0	%100
265	M284	X	19.493	19.493	0	%100
266	M284	Z	0	0	0	%100
267	M285	X	17.126	17.126	0	%100
268	M285	Z	0	0	0	%100
269	M286	X	17.126	17.126	0	%100
270	M286	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	2.966	2.966	0	%100
2	M1	Z	1.712	1.712	0	%100
3	M4	X	9.038	9.038	0	%100
4	M4	Z	5.218	5.218	0	%100
5	M10	X	2.549	2.549	0	%100
6	M10	Z	1.472	1.472	0	%100
7	MP3A	X	9.746	9.746	0	%100
8	MP3A	Z	5.627	5.627	0	%100
9	MP4A	X	8.051	8.051	0	%100
10	MP4A	Z	4.648	4.648	0	%100
11	MP2A	X	8.051	8.051	0	%100
12	MP2A	Z	4.648	4.648	0	%100
13	MP1A	X	8.051	8.051	0	%100
14	MP1A	Z	4.648	4.648	0	%100
15	M43	X	2.549	2.549	0	%100
16	M43	Z	1.472	1.472	0	%100
17	M46	X	5.085	5.085	0	%100
18	M46	Z	2.936	2.936	0	%100
19	M51B	X	2.824	2.824	0	%100
20	M51B	Z	1.63	1.63	0	%100
21	M52B	X	11.294	11.294	0	%100
22	M52B	Z	6.521	6.521	0	%100
23	M76	X	15.254	15.254	0	%100
24	M76	Z	8.807	8.807	0	%100
25	M77	X	5.179	5.179	0	%100
26	M77	Z	2.99	2.99	0	%100
27	M80	X	5.455	5.455	0	%100
28	M80	Z	3.149	3.149	0	%100
29	M84	X	15.254	15.254	0	%100
30	M84	Z	8.807	8.807	0	%100
31	M85	X	20.716	20.716	0	%100
32	M85	Z	11.96	11.96	0	%100
33	M91	X	21.82	21.82	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,%]
34	M91	Z	12.598	12.598	0	%100
35	M52A	X	9.038	9.038	0	%100
36	M52A	Z	5.218	5.218	0	%100
37	M53	X	2.549	2.549	0	%100
38	M53	Z	1.472	1.472	0	%100
39	M54	X	2.549	2.549	0	%100
40	M54	Z	1.472	1.472	0	%100
41	M55	X	5.085	5.085	0	%100
42	M55	Z	2.936	2.936	0	%100
43	M58A	X	11.294	11.294	0	%100
44	M58A	Z	6.521	6.521	0	%100
45	M59A	X	2.824	2.824	0	%100
46	M59A	Z	1.63	1.63	0	%100
47	M63	X	15.254	15.254	0	%100
48	M63	Z	8.807	8.807	0	%100
49	M64	X	20.716	20.716	0	%100
50	M64	Z	11.96	11.96	0	%100
51	M66	X	21.82	21.82	0	%100
52	M66	Z	12.598	12.598	0	%100
53	M68	X	15.254	15.254	0	%100
54	M68	Z	8.807	8.807	0	%100
55	M69	X	5.179	5.179	0	%100
56	M69	Z	2.99	2.99	0	%100
57	M71	X	5.455	5.455	0	%100
58	M71	Z	3.149	3.149	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	10.197	10.197	0	%100
62	M77A	Z	5.887	5.887	0	%100
63	M78	X	10.197	10.197	0	%100
64	M78	Z	5.887	5.887	0	%100
65	M79A	X	20.339	20.339	0	%100
66	M79A	Z	11.743	11.743	0	%100
67	M82	X	2.824	2.824	0	%100
68	M82	Z	1.63	1.63	0	%100
69	M83A	X	2.824	2.824	0	%100
70	M83A	Z	1.63	1.63	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	5.179	5.179	0	%100
74	M88A	Z	2.99	2.99	0	%100
75	M90	X	5.455	5.455	0	%100
76	M90	Z	3.149	3.149	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	5.179	5.179	0	%100
80	M93	Z	2.99	2.99	0	%100
81	M95	X	5.455	5.455	0	%100
82	M95	Z	3.149	3.149	0	%100
83	M85B	X	9.038	9.038	0	%100
84	M85B	Z	5.218	5.218	0	%100
85	M86A	X	2.549	2.549	0	%100
86	M86A	Z	1.472	1.472	0	%100
87	M95A	X	2.549	2.549	0	%100
88	M95A	Z	1.472	1.472	0	%100
89	M96A	X	5.085	5.085	0	%100
90	M96A	Z	2.936	2.936	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,%]
91	M99A	X	11.294	11.294	0	%100
92	M99A	Z	6.521	6.521	0	%100
93	M100	X	2.824	2.824	0	%100
94	M100	Z	1.63	1.63	0	%100
95	M104	X	15.254	15.254	0	%100
96	M104	Z	8.807	8.807	0	%100
97	M105	X	20.716	20.716	0	%100
98	M105	Z	11.96	11.96	0	%100
99	M107	X	21.82	21.82	0	%100
100	M107	Z	12.598	12.598	0	%100
101	M109	X	15.254	15.254	0	%100
102	M109	Z	8.807	8.807	0	%100
103	M110	X	5.179	5.179	0	%100
104	M110	Z	2.99	2.99	0	%100
105	M112	X	5.455	5.455	0	%100
106	M112	Z	3.149	3.149	0	%100
107	M117	X	0	0	0	%100
108	M117	Z	0	0	0	%100
109	M118	X	10.197	10.197	0	%100
110	M118	Z	5.887	5.887	0	%100
111	M119	X	10.197	10.197	0	%100
112	M119	Z	5.887	5.887	0	%100
113	M120	X	20.339	20.339	0	%100
114	M120	Z	11.743	11.743	0	%100
115	M123	X	2.824	2.824	0	%100
116	M123	Z	1.63	1.63	0	%100
117	M124	X	2.824	2.824	0	%100
118	M124	Z	1.63	1.63	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	5.179	5.179	0	%100
122	M129	Z	2.99	2.99	0	%100
123	M131	X	5.455	5.455	0	%100
124	M131	Z	3.149	3.149	0	%100
125	M133	X	0	0	0	%100
126	M133	Z	0	0	0	%100
127	M134	X	5.179	5.179	0	%100
128	M134	Z	2.99	2.99	0	%100
129	M136	X	5.455	5.455	0	%100
130	M136	Z	3.149	3.149	0	%100
131	M141	X	9.038	9.038	0	%100
132	M141	Z	5.218	5.218	0	%100
133	M142	X	2.549	2.549	0	%100
134	M142	Z	1.472	1.472	0	%100
135	M143	X	2.549	2.549	0	%100
136	M143	Z	1.472	1.472	0	%100
137	M144	X	5.085	5.085	0	%100
138	M144	Z	2.936	2.936	0	%100
139	M147	X	2.824	2.824	0	%100
140	M147	Z	1.63	1.63	0	%100
141	M148	X	11.294	11.294	0	%100
142	M148	Z	6.521	6.521	0	%100
143	M152	X	15.254	15.254	0	%100
144	M152	Z	8.807	8.807	0	%100
145	M153	X	5.179	5.179	0	%100
146	M153	Z	2.99	2.99	0	%100
147	M155	X	5.455	5.455	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,%]
148	M155	Z	3.149	3.149	0	%100
149	M157	X	15.254	15.254	0	%100
150	M157	Z	8.807	8.807	0	%100
151	M158	X	20.716	20.716	0	%100
152	M158	Z	11.96	11.96	0	%100
153	M160	X	21.82	21.82	0	%100
154	M160	Z	12.598	12.598	0	%100
155	M166	X	2.966	2.966	0	%100
156	M166	Z	1.712	1.712	0	%100
157	M168	X	0	0	0	%100
158	M168	Z	0	0	0	%100
159	M169	X	10.197	10.197	0	%100
160	M169	Z	5.887	5.887	0	%100
161	M178	X	10.197	10.197	0	%100
162	M178	Z	5.887	5.887	0	%100
163	M179	X	20.339	20.339	0	%100
164	M179	Z	11.743	11.743	0	%100
165	M182	X	2.824	2.824	0	%100
166	M182	Z	1.63	1.63	0	%100
167	M183	X	2.824	2.824	0	%100
168	M183	Z	1.63	1.63	0	%100
169	M187	X	0	0	0	%100
170	M187	Z	0	0	0	%100
171	M188	X	5.179	5.179	0	%100
172	M188	Z	2.99	2.99	0	%100
173	M190	X	5.455	5.455	0	%100
174	M190	Z	3.149	3.149	0	%100
175	M192	X	0	0	0	%100
176	M192	Z	0	0	0	%100
177	M193	X	5.179	5.179	0	%100
178	M193	Z	2.99	2.99	0	%100
179	M195	X	5.455	5.455	0	%100
180	M195	Z	3.149	3.149	0	%100
181	M200	X	9.038	9.038	0	%100
182	M200	Z	5.218	5.218	0	%100
183	M201	X	2.549	2.549	0	%100
184	M201	Z	1.472	1.472	0	%100
185	M202	X	2.549	2.549	0	%100
186	M202	Z	1.472	1.472	0	%100
187	M203	X	5.085	5.085	0	%100
188	M203	Z	2.936	2.936	0	%100
189	M206	X	2.824	2.824	0	%100
190	M206	Z	1.63	1.63	0	%100
191	M207	X	11.294	11.294	0	%100
192	M207	Z	6.521	6.521	0	%100
193	M211	X	15.254	15.254	0	%100
194	M211	Z	8.807	8.807	0	%100
195	M212	X	5.179	5.179	0	%100
196	M212	Z	2.99	2.99	0	%100
197	M214	X	5.455	5.455	0	%100
198	M214	Z	3.149	3.149	0	%100
199	M216	X	15.254	15.254	0	%100
200	M216	Z	8.807	8.807	0	%100
201	M217	X	20.716	20.716	0	%100
202	M217	Z	11.96	11.96	0	%100
203	M219	X	21.82	21.82	0	%100
204	M219	Z	12.598	12.598	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,%]
205	M224	X	9.038	9.038	0	%100
206	M224	Z	5.218	5.218	0	%100
207	M225	X	2.549	2.549	0	%100
208	M225	Z	1.472	1.472	0	%100
209	M226	X	2.549	2.549	0	%100
210	M226	Z	1.472	1.472	0	%100
211	M227	X	5.085	5.085	0	%100
212	M227	Z	2.936	2.936	0	%100
213	M230	X	11.294	11.294	0	%100
214	M230	Z	6.521	6.521	0	%100
215	M231	X	2.824	2.824	0	%100
216	M231	Z	1.63	1.63	0	%100
217	M235	X	15.254	15.254	0	%100
218	M235	Z	8.807	8.807	0	%100
219	M236	X	20.716	20.716	0	%100
220	M236	Z	11.96	11.96	0	%100
221	M238	X	21.82	21.82	0	%100
222	M238	Z	12.598	12.598	0	%100
223	M240	X	15.254	15.254	0	%100
224	M240	Z	8.807	8.807	0	%100
225	M241	X	5.179	5.179	0	%100
226	M241	Z	2.99	2.99	0	%100
227	M243	X	5.455	5.455	0	%100
228	M243	Z	3.149	3.149	0	%100
229	M248	X	2.966	2.966	0	%100
230	M248	Z	1.712	1.712	0	%100
231	M250	X	8.051	8.051	0	%100
232	M250	Z	4.648	4.648	0	%100
233	M230A	X	2.966	2.966	0	%100
234	M230A	Z	1.712	1.712	0	%100
235	MP3C	X	9.746	9.746	0	%100
236	MP3C	Z	5.627	5.627	0	%100
237	MP4C	X	8.051	8.051	0	%100
238	MP4C	Z	4.648	4.648	0	%100
239	MP2C	X	8.051	8.051	0	%100
240	MP2C	Z	4.648	4.648	0	%100
241	MP1C	X	8.051	8.051	0	%100
242	MP1C	Z	4.648	4.648	0	%100
243	M239A	X	11.863	11.863	0	%100
244	M239A	Z	6.849	6.849	0	%100
245	MP3B	X	9.746	9.746	0	%100
246	MP3B	Z	5.627	5.627	0	%100
247	MP4B	X	8.051	8.051	0	%100
248	MP4B	Z	4.648	4.648	0	%100
249	MP2B	X	8.051	8.051	0	%100
250	MP2B	Z	4.648	4.648	0	%100
251	MP1B	X	8.051	8.051	0	%100
252	MP1B	Z	4.648	4.648	0	%100
253	M254	X	9.746	9.746	0	%100
254	M254	Z	5.627	5.627	0	%100
255	M265	X	2.436	2.436	0	%100
256	M265	Z	1.407	1.407	0	%100
257	M276	X	2.436	2.436	0	%100
258	M276	Z	1.407	1.407	0	%100
259	M281	X	2.738	2.738	0	%100
260	M281	Z	1.581	1.581	0	%100
261	M282	X	2.738	2.738	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,%]
262	M282	Z	1.581	1.581	0	%100
263	M283	X	10.95	10.95	0	%100
264	M283	Z	6.322	6.322	0	%100
265	M284	X	16.198	16.198	0	%100
266	M284	Z	9.352	9.352	0	%100
267	M285	X	16.198	16.198	0	%100
268	M285	Z	9.352	9.352	0	%100
269	M286	X	14.148	14.148	0	%100
270	M286	Z	8.169	8.169	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	5.137	5.137	0	%100
2	M1	Z	8.897	8.897	0	%100
3	M4	X	1.739	1.739	0	%100
4	M4	Z	3.013	3.013	0	%100
5	M10	X	4.415	4.415	0	%100
6	M10	Z	7.648	7.648	0	%100
7	MP3A	X	5.627	5.627	0	%100
8	MP3A	Z	9.746	9.746	0	%100
9	MP4A	X	4.648	4.648	0	%100
10	MP4A	Z	8.051	8.051	0	%100
11	MP2A	X	4.648	4.648	0	%100
12	MP2A	Z	8.051	8.051	0	%100
13	MP1A	X	4.648	4.648	0	%100
14	MP1A	Z	8.051	8.051	0	%100
15	M43	X	4.415	4.415	0	%100
16	M43	Z	7.648	7.648	0	%100
17	M46	X	8.807	8.807	0	%100
18	M46	Z	15.254	15.254	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	4.89	4.89	0	%100
22	M52B	Z	8.471	8.471	0	%100
23	M76	X	2.936	2.936	0	%100
24	M76	Z	5.085	5.085	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	2.936	2.936	0	%100
30	M84	Z	5.085	5.085	0	%100
31	M85	X	8.97	8.97	0	%100
32	M85	Z	15.537	15.537	0	%100
33	M91	X	9.448	9.448	0	%100
34	M91	Z	16.365	16.365	0	%100
35	M52A	X	6.958	6.958	0	%100
36	M52A	Z	12.051	12.051	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	4.89	4.89	0	%100
44	M58A	Z	8.471	8.471	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,%]
45	M59A	X	4.89	4.89	0	%100
46	M59A	Z	8.471	8.471	0	%100
47	M63	X	11.743	11.743	0	%100
48	M63	Z	20.339	20.339	0	%100
49	M64	X	8.97	8.97	0	%100
50	M64	Z	15.537	15.537	0	%100
51	M66	X	9.448	9.448	0	%100
52	M66	Z	16.365	16.365	0	%100
53	M68	X	11.743	11.743	0	%100
54	M68	Z	20.339	20.339	0	%100
55	M69	X	8.97	8.97	0	%100
56	M69	Z	15.537	15.537	0	%100
57	M71	X	9.448	9.448	0	%100
58	M71	Z	16.365	16.365	0	%100
59	M76A	X	1.739	1.739	0	%100
60	M76A	Z	3.013	3.013	0	%100
61	M77A	X	4.415	4.415	0	%100
62	M77A	Z	7.648	7.648	0	%100
63	M78	X	4.415	4.415	0	%100
64	M78	Z	7.648	7.648	0	%100
65	M79A	X	8.807	8.807	0	%100
66	M79A	Z	15.254	15.254	0	%100
67	M82	X	4.89	4.89	0	%100
68	M82	Z	8.471	8.471	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	2.936	2.936	0	%100
72	M87	Z	5.085	5.085	0	%100
73	M88A	X	8.97	8.97	0	%100
74	M88A	Z	15.537	15.537	0	%100
75	M90	X	9.448	9.448	0	%100
76	M90	Z	16.365	16.365	0	%100
77	M92A	X	2.936	2.936	0	%100
78	M92A	Z	5.085	5.085	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M85B	X	6.958	6.958	0	%100
84	M85B	Z	12.051	12.051	0	%100
85	M86A	X	0	0	0	%100
86	M86A	Z	0	0	0	%100
87	M95A	X	0	0	0	%100
88	M95A	Z	0	0	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	0	0	0	%100
91	M99A	X	4.89	4.89	0	%100
92	M99A	Z	8.471	8.471	0	%100
93	M100	X	4.89	4.89	0	%100
94	M100	Z	8.471	8.471	0	%100
95	M104	X	11.743	11.743	0	%100
96	M104	Z	20.339	20.339	0	%100
97	M105	X	8.97	8.97	0	%100
98	M105	Z	15.537	15.537	0	%100
99	M107	X	9.448	9.448	0	%100
100	M107	Z	16.365	16.365	0	%100
101	M109	X	11.743	11.743	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,%]
102	M109	Z	20.339	20.339	0	%100
103	M110	X	8.97	8.97	0	%100
104	M110	Z	15.537	15.537	0	%100
105	M112	X	9.448	9.448	0	%100
106	M112	Z	16.365	16.365	0	%100
107	M117	X	1.739	1.739	0	%100
108	M117	Z	3.013	3.013	0	%100
109	M118	X	4.415	4.415	0	%100
110	M118	Z	7.648	7.648	0	%100
111	M119	X	4.415	4.415	0	%100
112	M119	Z	7.648	7.648	0	%100
113	M120	X	8.807	8.807	0	%100
114	M120	Z	15.254	15.254	0	%100
115	M123	X	4.89	4.89	0	%100
116	M123	Z	8.471	8.471	0	%100
117	M124	X	0	0	0	%100
118	M124	Z	0	0	0	%100
119	M128	X	2.936	2.936	0	%100
120	M128	Z	5.085	5.085	0	%100
121	M129	X	8.97	8.97	0	%100
122	M129	Z	15.537	15.537	0	%100
123	M131	X	9.448	9.448	0	%100
124	M131	Z	16.365	16.365	0	%100
125	M133	X	2.936	2.936	0	%100
126	M133	Z	5.085	5.085	0	%100
127	M134	X	0	0	0	%100
128	M134	Z	0	0	0	%100
129	M136	X	0	0	0	%100
130	M136	Z	0	0	0	%100
131	M141	X	1.739	1.739	0	%100
132	M141	Z	3.013	3.013	0	%100
133	M142	X	4.415	4.415	0	%100
134	M142	Z	7.648	7.648	0	%100
135	M143	X	4.415	4.415	0	%100
136	M143	Z	7.648	7.648	0	%100
137	M144	X	8.807	8.807	0	%100
138	M144	Z	15.254	15.254	0	%100
139	M147	X	0	0	0	%100
140	M147	Z	0	0	0	%100
141	M148	X	4.89	4.89	0	%100
142	M148	Z	8.471	8.471	0	%100
143	M152	X	2.936	2.936	0	%100
144	M152	Z	5.085	5.085	0	%100
145	M153	X	0	0	0	%100
146	M153	Z	0	0	0	%100
147	M155	X	0	0	0	%100
148	M155	Z	0	0	0	%100
149	M157	X	2.936	2.936	0	%100
150	M157	Z	5.085	5.085	0	%100
151	M158	X	8.97	8.97	0	%100
152	M158	Z	15.537	15.537	0	%100
153	M160	X	9.448	9.448	0	%100
154	M160	Z	16.365	16.365	0	%100
155	M166	X	5.137	5.137	0	%100
156	M166	Z	8.897	8.897	0	%100
157	M168	X	1.739	1.739	0	%100
158	M168	Z	3.013	3.013	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,%]
159	M169	X	4.415	4.415	0	%100
160	M169	Z	7.648	7.648	0	%100
161	M178	X	4.415	4.415	0	%100
162	M178	Z	7.648	7.648	0	%100
163	M179	X	8.807	8.807	0	%100
164	M179	Z	15.254	15.254	0	%100
165	M182	X	4.89	4.89	0	%100
166	M182	Z	8.471	8.471	0	%100
167	M183	X	0	0	0	%100
168	M183	Z	0	0	0	%100
169	M187	X	2.936	2.936	0	%100
170	M187	Z	5.085	5.085	0	%100
171	M188	X	8.97	8.97	0	%100
172	M188	Z	15.537	15.537	0	%100
173	M190	X	9.448	9.448	0	%100
174	M190	Z	16.365	16.365	0	%100
175	M192	X	2.936	2.936	0	%100
176	M192	Z	5.085	5.085	0	%100
177	M193	X	0	0	0	%100
178	M193	Z	0	0	0	%100
179	M195	X	0	0	0	%100
180	M195	Z	0	0	0	%100
181	M200	X	1.739	1.739	0	%100
182	M200	Z	3.013	3.013	0	%100
183	M201	X	4.415	4.415	0	%100
184	M201	Z	7.648	7.648	0	%100
185	M202	X	4.415	4.415	0	%100
186	M202	Z	7.648	7.648	0	%100
187	M203	X	8.807	8.807	0	%100
188	M203	Z	15.254	15.254	0	%100
189	M206	X	0	0	0	%100
190	M206	Z	0	0	0	%100
191	M207	X	4.89	4.89	0	%100
192	M207	Z	8.471	8.471	0	%100
193	M211	X	2.936	2.936	0	%100
194	M211	Z	5.085	5.085	0	%100
195	M212	X	0	0	0	%100
196	M212	Z	0	0	0	%100
197	M214	X	0	0	0	%100
198	M214	Z	0	0	0	%100
199	M216	X	2.936	2.936	0	%100
200	M216	Z	5.085	5.085	0	%100
201	M217	X	8.97	8.97	0	%100
202	M217	Z	15.537	15.537	0	%100
203	M219	X	9.448	9.448	0	%100
204	M219	Z	16.365	16.365	0	%100
205	M224	X	6.958	6.958	0	%100
206	M224	Z	12.051	12.051	0	%100
207	M225	X	0	0	0	%100
208	M225	Z	0	0	0	%100
209	M226	X	0	0	0	%100
210	M226	Z	0	0	0	%100
211	M227	X	0	0	0	%100
212	M227	Z	0	0	0	%100
213	M230	X	4.89	4.89	0	%100
214	M230	Z	8.471	8.471	0	%100
215	M231	X	4.89	4.89	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,%]
216	M231	Z	8.471	8.471	0	%100
217	M235	X	11.743	11.743	0	%100
218	M235	Z	20.339	20.339	0	%100
219	M236	X	8.97	8.97	0	%100
220	M236	Z	15.537	15.537	0	%100
221	M238	X	9.448	9.448	0	%100
222	M238	Z	16.365	16.365	0	%100
223	M240	X	11.743	11.743	0	%100
224	M240	Z	20.339	20.339	0	%100
225	M241	X	8.97	8.97	0	%100
226	M241	Z	15.537	15.537	0	%100
227	M243	X	9.448	9.448	0	%100
228	M243	Z	16.365	16.365	0	%100
229	M248	X	5.137	5.137	0	%100
230	M248	Z	8.897	8.897	0	%100
231	M250	X	4.648	4.648	0	%100
232	M250	Z	8.051	8.051	0	%100
233	M230A	X	0	0	0	%100
234	M230A	Z	0	0	0	%100
235	MP3C	X	5.627	5.627	0	%100
236	MP3C	Z	9.746	9.746	0	%100
237	MP4C	X	4.648	4.648	0	%100
238	MP4C	Z	8.051	8.051	0	%100
239	MP2C	X	4.648	4.648	0	%100
240	MP2C	Z	8.051	8.051	0	%100
241	MP1C	X	4.648	4.648	0	%100
242	MP1C	Z	8.051	8.051	0	%100
243	M239A	X	5.137	5.137	0	%100
244	M239A	Z	8.897	8.897	0	%100
245	MP3B	X	5.627	5.627	0	%100
246	MP3B	Z	9.746	9.746	0	%100
247	MP4B	X	4.648	4.648	0	%100
248	MP4B	Z	8.051	8.051	0	%100
249	MP2B	X	4.648	4.648	0	%100
250	MP2B	Z	8.051	8.051	0	%100
251	MP1B	X	4.648	4.648	0	%100
252	MP1B	Z	8.051	8.051	0	%100
253	M254	X	4.22	4.22	0	%100
254	M254	Z	7.309	7.309	0	%100
255	M265	X	4.22	4.22	0	%100
256	M265	Z	7.309	7.309	0	%100
257	M276	X	0	0	0	%100
258	M276	Z	0	0	0	%100
259	M281	X	0	0	0	%100
260	M281	Z	0	0	0	%100
261	M282	X	4.742	4.742	0	%100
262	M282	Z	8.213	8.213	0	%100
263	M283	X	4.742	4.742	0	%100
264	M283	Z	8.213	8.213	0	%100
265	M284	X	8.563	8.563	0	%100
266	M284	Z	14.832	14.832	0	%100
267	M285	X	9.746	9.746	0	%100
268	M285	Z	16.881	16.881	0	%100
269	M286	X	8.563	8.563	0	%100
270	M286	Z	14.832	14.832	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	13.699	13.699	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	11.775	11.775	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	11.254	11.254	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	9.296	9.296	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	9.296	9.296	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	9.296	9.296	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	11.775	11.775	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	23.486	23.486	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	3.26	3.26	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	3.26	3.26	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	5.98	5.98	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	6.299	6.299	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	5.98	5.98	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	6.299	6.299	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	10.436	10.436	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	2.944	2.944	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	2.944	2.944	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	5.871	5.871	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	3.26	3.26	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	13.041	13.041	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	17.614	17.614	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	5.98	5.98	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	6.299	6.299	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	17.614	17.614	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	23.921	23.921	0	%100
57	M71	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M71	Z	25.195	25.195	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	10.436	10.436	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	2.944	2.944	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	2.944	2.944	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	5.871	5.871	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	13.041	13.041	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	3.26	3.26	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	17.614	17.614	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	23.921	23.921	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	25.195	25.195	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	17.614	17.614	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	5.98	5.98	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	6.299	6.299	0	%100
83	M85B	X	0	0	0	%100
84	M85B	Z	10.436	10.436	0	%100
85	M86A	X	0	0	0	%100
86	M86A	Z	2.944	2.944	0	%100
87	M95A	X	0	0	0	%100
88	M95A	Z	2.944	2.944	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	5.871	5.871	0	%100
91	M99A	X	0	0	0	%100
92	M99A	Z	3.26	3.26	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	13.041	13.041	0	%100
95	M104	X	0	0	0	%100
96	M104	Z	17.614	17.614	0	%100
97	M105	X	0	0	0	%100
98	M105	Z	5.98	5.98	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	6.299	6.299	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	17.614	17.614	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	23.921	23.921	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	25.195	25.195	0	%100
107	M117	X	0	0	0	%100
108	M117	Z	10.436	10.436	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	2.944	2.944	0	%100
111	M119	X	0	0	0	%100
112	M119	Z	2.944	2.944	0	%100
113	M120	X	0	0	0	%100
114	M120	Z	5.871	5.871	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,%]
115	M123	X	0	0	0	%100
116	M123	Z	13.041	13.041	0	%100
117	M124	X	0	0	0	%100
118	M124	Z	3.26	3.26	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	17.614	17.614	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	23.921	23.921	0	%100
123	M131	X	0	0	0	%100
124	M131	Z	25.195	25.195	0	%100
125	M133	X	0	0	0	%100
126	M133	Z	17.614	17.614	0	%100
127	M134	X	0	0	0	%100
128	M134	Z	5.98	5.98	0	%100
129	M136	X	0	0	0	%100
130	M136	Z	6.299	6.299	0	%100
131	M141	X	0	0	0	%100
132	M141	Z	0	0	0	%100
133	M142	X	0	0	0	%100
134	M142	Z	11.775	11.775	0	%100
135	M143	X	0	0	0	%100
136	M143	Z	11.775	11.775	0	%100
137	M144	X	0	0	0	%100
138	M144	Z	23.486	23.486	0	%100
139	M147	X	0	0	0	%100
140	M147	Z	3.26	3.26	0	%100
141	M148	X	0	0	0	%100
142	M148	Z	3.26	3.26	0	%100
143	M152	X	0	0	0	%100
144	M152	Z	0	0	0	%100
145	M153	X	0	0	0	%100
146	M153	Z	5.98	5.98	0	%100
147	M155	X	0	0	0	%100
148	M155	Z	6.299	6.299	0	%100
149	M157	X	0	0	0	%100
150	M157	Z	0	0	0	%100
151	M158	X	0	0	0	%100
152	M158	Z	5.98	5.98	0	%100
153	M160	X	0	0	0	%100
154	M160	Z	6.299	6.299	0	%100
155	M166	X	0	0	0	%100
156	M166	Z	13.699	13.699	0	%100
157	M168	X	0	0	0	%100
158	M168	Z	10.436	10.436	0	%100
159	M169	X	0	0	0	%100
160	M169	Z	2.944	2.944	0	%100
161	M178	X	0	0	0	%100
162	M178	Z	2.944	2.944	0	%100
163	M179	X	0	0	0	%100
164	M179	Z	5.871	5.871	0	%100
165	M182	X	0	0	0	%100
166	M182	Z	13.041	13.041	0	%100
167	M183	X	0	0	0	%100
168	M183	Z	3.26	3.26	0	%100
169	M187	X	0	0	0	%100
170	M187	Z	17.614	17.614	0	%100
171	M188	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
172	M188	Z	23.921	23.921	0	%100
173	M190	X	0	0	0	%100
174	M190	Z	25.195	25.195	0	%100
175	M192	X	0	0	0	%100
176	M192	Z	17.614	17.614	0	%100
177	M193	X	0	0	0	%100
178	M193	Z	5.98	5.98	0	%100
179	M195	X	0	0	0	%100
180	M195	Z	6.299	6.299	0	%100
181	M200	X	0	0	0	%100
182	M200	Z	0	0	0	%100
183	M201	X	0	0	0	%100
184	M201	Z	11.775	11.775	0	%100
185	M202	X	0	0	0	%100
186	M202	Z	11.775	11.775	0	%100
187	M203	X	0	0	0	%100
188	M203	Z	23.486	23.486	0	%100
189	M206	X	0	0	0	%100
190	M206	Z	3.26	3.26	0	%100
191	M207	X	0	0	0	%100
192	M207	Z	3.26	3.26	0	%100
193	M211	X	0	0	0	%100
194	M211	Z	0	0	0	%100
195	M212	X	0	0	0	%100
196	M212	Z	5.98	5.98	0	%100
197	M214	X	0	0	0	%100
198	M214	Z	6.299	6.299	0	%100
199	M216	X	0	0	0	%100
200	M216	Z	0	0	0	%100
201	M217	X	0	0	0	%100
202	M217	Z	5.98	5.98	0	%100
203	M219	X	0	0	0	%100
204	M219	Z	6.299	6.299	0	%100
205	M224	X	0	0	0	%100
206	M224	Z	10.436	10.436	0	%100
207	M225	X	0	0	0	%100
208	M225	Z	2.944	2.944	0	%100
209	M226	X	0	0	0	%100
210	M226	Z	2.944	2.944	0	%100
211	M227	X	0	0	0	%100
212	M227	Z	5.871	5.871	0	%100
213	M230	X	0	0	0	%100
214	M230	Z	3.26	3.26	0	%100
215	M231	X	0	0	0	%100
216	M231	Z	13.041	13.041	0	%100
217	M235	X	0	0	0	%100
218	M235	Z	17.614	17.614	0	%100
219	M236	X	0	0	0	%100
220	M236	Z	5.98	5.98	0	%100
221	M238	X	0	0	0	%100
222	M238	Z	6.299	6.299	0	%100
223	M240	X	0	0	0	%100
224	M240	Z	17.614	17.614	0	%100
225	M241	X	0	0	0	%100
226	M241	Z	23.921	23.921	0	%100
227	M243	X	0	0	0	%100
228	M243	Z	25.195	25.195	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,%]
229	M248	X	0	0	0	%100
230	M248	Z	13.699	13.699	0	%100
231	M250	X	0	0	0	%100
232	M250	Z	9.296	9.296	0	%100
233	M230A	X	0	0	0	%100
234	M230A	Z	3.425	3.425	0	%100
235	MP3C	X	0	0	0	%100
236	MP3C	Z	11.254	11.254	0	%100
237	MP4C	X	0	0	0	%100
238	MP4C	Z	9.296	9.296	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	9.296	9.296	0	%100
241	MP1C	X	0	0	0	%100
242	MP1C	Z	9.296	9.296	0	%100
243	M239A	X	0	0	0	%100
244	M239A	Z	3.425	3.425	0	%100
245	MP3B	X	0	0	0	%100
246	MP3B	Z	11.254	11.254	0	%100
247	MP4B	X	0	0	0	%100
248	MP4B	Z	9.296	9.296	0	%100
249	MP2B	X	0	0	0	%100
250	MP2B	Z	9.296	9.296	0	%100
251	MP1B	X	0	0	0	%100
252	MP1B	Z	9.296	9.296	0	%100
253	M254	X	0	0	0	%100
254	M254	Z	2.813	2.813	0	%100
255	M265	X	0	0	0	%100
256	M265	Z	11.254	11.254	0	%100
257	M276	X	0	0	0	%100
258	M276	Z	2.813	2.813	0	%100
259	M281	X	0	0	0	%100
260	M281	Z	3.161	3.161	0	%100
261	M282	X	0	0	0	%100
262	M282	Z	12.644	12.644	0	%100
263	M283	X	0	0	0	%100
264	M283	Z	3.161	3.161	0	%100
265	M284	X	0	0	0	%100
266	M284	Z	16.337	16.337	0	%100
267	M285	X	0	0	0	%100
268	M285	Z	18.704	18.704	0	%100
269	M286	X	0	0	0	%100
270	M286	Z	18.704	18.704	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	-5.137	-5.137	0	%100
2	M1	Z	8.897	8.897	0	%100
3	M4	X	-1.739	-1.739	0	%100
4	M4	Z	3.013	3.013	0	%100
5	M10	X	-4.415	-4.415	0	%100
6	M10	Z	7.648	7.648	0	%100
7	MP3A	X	-5.627	-5.627	0	%100
8	MP3A	Z	9.746	9.746	0	%100
9	MP4A	X	-4.648	-4.648	0	%100
10	MP4A	Z	8.051	8.051	0	%100
11	MP2A	X	-4.648	-4.648	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,%]
12	MP2A	Z	8.051	8.051	0	%100
13	MP1A	X	-4.648	-4.648	0	%100
14	MP1A	Z	8.051	8.051	0	%100
15	M43	X	-4.415	-4.415	0	%100
16	M43	Z	7.648	7.648	0	%100
17	M46	X	-8.807	-8.807	0	%100
18	M46	Z	15.254	15.254	0	%100
19	M51B	X	-4.89	-4.89	0	%100
20	M51B	Z	8.471	8.471	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-2.936	-2.936	0	%100
24	M76	Z	5.085	5.085	0	%100
25	M77	X	-8.97	-8.97	0	%100
26	M77	Z	15.537	15.537	0	%100
27	M80	X	-9.448	-9.448	0	%100
28	M80	Z	16.365	16.365	0	%100
29	M84	X	-2.936	-2.936	0	%100
30	M84	Z	5.085	5.085	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-1.739	-1.739	0	%100
36	M52A	Z	3.013	3.013	0	%100
37	M53	X	-4.415	-4.415	0	%100
38	M53	Z	7.648	7.648	0	%100
39	M54	X	-4.415	-4.415	0	%100
40	M54	Z	7.648	7.648	0	%100
41	M55	X	-8.807	-8.807	0	%100
42	M55	Z	15.254	15.254	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-4.89	-4.89	0	%100
46	M59A	Z	8.471	8.471	0	%100
47	M63	X	-2.936	-2.936	0	%100
48	M63	Z	5.085	5.085	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-2.936	-2.936	0	%100
54	M68	Z	5.085	5.085	0	%100
55	M69	X	-8.97	-8.97	0	%100
56	M69	Z	15.537	15.537	0	%100
57	M71	X	-9.448	-9.448	0	%100
58	M71	Z	16.365	16.365	0	%100
59	M76A	X	-6.958	-6.958	0	%100
60	M76A	Z	12.051	12.051	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-4.89	-4.89	0	%100
68	M82	Z	8.471	8.471	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,%]
69	M83A	X	-4.89	-4.89	0	%100
70	M83A	Z	8.471	8.471	0	%100
71	M87	X	-11.743	-11.743	0	%100
72	M87	Z	20.339	20.339	0	%100
73	M88A	X	-8.97	-8.97	0	%100
74	M88A	Z	15.537	15.537	0	%100
75	M90	X	-9.448	-9.448	0	%100
76	M90	Z	16.365	16.365	0	%100
77	M92A	X	-11.743	-11.743	0	%100
78	M92A	Z	20.339	20.339	0	%100
79	M93	X	-8.97	-8.97	0	%100
80	M93	Z	15.537	15.537	0	%100
81	M95	X	-9.448	-9.448	0	%100
82	M95	Z	16.365	16.365	0	%100
83	M85B	X	-1.739	-1.739	0	%100
84	M85B	Z	3.013	3.013	0	%100
85	M86A	X	-4.415	-4.415	0	%100
86	M86A	Z	7.648	7.648	0	%100
87	M95A	X	-4.415	-4.415	0	%100
88	M95A	Z	7.648	7.648	0	%100
89	M96A	X	-8.807	-8.807	0	%100
90	M96A	Z	15.254	15.254	0	%100
91	M99A	X	0	0	0	%100
92	M99A	Z	0	0	0	%100
93	M100	X	-4.89	-4.89	0	%100
94	M100	Z	8.471	8.471	0	%100
95	M104	X	-2.936	-2.936	0	%100
96	M104	Z	5.085	5.085	0	%100
97	M105	X	0	0	0	%100
98	M105	Z	0	0	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M109	X	-2.936	-2.936	0	%100
102	M109	Z	5.085	5.085	0	%100
103	M110	X	-8.97	-8.97	0	%100
104	M110	Z	15.537	15.537	0	%100
105	M112	X	-9.448	-9.448	0	%100
106	M112	Z	16.365	16.365	0	%100
107	M117	X	-6.958	-6.958	0	%100
108	M117	Z	12.051	12.051	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	0	0	0	%100
111	M119	X	0	0	0	%100
112	M119	Z	0	0	0	%100
113	M120	X	0	0	0	%100
114	M120	Z	0	0	0	%100
115	M123	X	-4.89	-4.89	0	%100
116	M123	Z	8.471	8.471	0	%100
117	M124	X	-4.89	-4.89	0	%100
118	M124	Z	8.471	8.471	0	%100
119	M128	X	-11.743	-11.743	0	%100
120	M128	Z	20.339	20.339	0	%100
121	M129	X	-8.97	-8.97	0	%100
122	M129	Z	15.537	15.537	0	%100
123	M131	X	-9.448	-9.448	0	%100
124	M131	Z	16.365	16.365	0	%100
125	M133	X	-11.743	-11.743	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,%]
126	M133	Z	20.339	20.339	0	%100
127	M134	X	-8.97	-8.97	0	%100
128	M134	Z	15.537	15.537	0	%100
129	M136	X	-9.448	-9.448	0	%100
130	M136	Z	16.365	16.365	0	%100
131	M141	X	-1.739	-1.739	0	%100
132	M141	Z	3.013	3.013	0	%100
133	M142	X	-4.415	-4.415	0	%100
134	M142	Z	7.648	7.648	0	%100
135	M143	X	-4.415	-4.415	0	%100
136	M143	Z	7.648	7.648	0	%100
137	M144	X	-8.807	-8.807	0	%100
138	M144	Z	15.254	15.254	0	%100
139	M147	X	-4.89	-4.89	0	%100
140	M147	Z	8.471	8.471	0	%100
141	M148	X	0	0	0	%100
142	M148	Z	0	0	0	%100
143	M152	X	-2.936	-2.936	0	%100
144	M152	Z	5.085	5.085	0	%100
145	M153	X	-8.97	-8.97	0	%100
146	M153	Z	15.537	15.537	0	%100
147	M155	X	-9.448	-9.448	0	%100
148	M155	Z	16.365	16.365	0	%100
149	M157	X	-2.936	-2.936	0	%100
150	M157	Z	5.085	5.085	0	%100
151	M158	X	0	0	0	%100
152	M158	Z	0	0	0	%100
153	M160	X	0	0	0	%100
154	M160	Z	0	0	0	%100
155	M166	X	-5.137	-5.137	0	%100
156	M166	Z	8.897	8.897	0	%100
157	M168	X	-6.958	-6.958	0	%100
158	M168	Z	12.051	12.051	0	%100
159	M169	X	0	0	0	%100
160	M169	Z	0	0	0	%100
161	M178	X	0	0	0	%100
162	M178	Z	0	0	0	%100
163	M179	X	0	0	0	%100
164	M179	Z	0	0	0	%100
165	M182	X	-4.89	-4.89	0	%100
166	M182	Z	8.471	8.471	0	%100
167	M183	X	-4.89	-4.89	0	%100
168	M183	Z	8.471	8.471	0	%100
169	M187	X	-11.743	-11.743	0	%100
170	M187	Z	20.339	20.339	0	%100
171	M188	X	-8.97	-8.97	0	%100
172	M188	Z	15.537	15.537	0	%100
173	M190	X	-9.448	-9.448	0	%100
174	M190	Z	16.365	16.365	0	%100
175	M192	X	-11.743	-11.743	0	%100
176	M192	Z	20.339	20.339	0	%100
177	M193	X	-8.97	-8.97	0	%100
178	M193	Z	15.537	15.537	0	%100
179	M195	X	-9.448	-9.448	0	%100
180	M195	Z	16.365	16.365	0	%100
181	M200	X	-1.739	-1.739	0	%100
182	M200	Z	3.013	3.013	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,%]
183	M201	X	-4.415	-4.415	0	%100
184	M201	Z	7.648	7.648	0	%100
185	M202	X	-4.415	-4.415	0	%100
186	M202	Z	7.648	7.648	0	%100
187	M203	X	-8.807	-8.807	0	%100
188	M203	Z	15.254	15.254	0	%100
189	M206	X	-4.89	-4.89	0	%100
190	M206	Z	8.471	8.471	0	%100
191	M207	X	0	0	0	%100
192	M207	Z	0	0	0	%100
193	M211	X	-2.936	-2.936	0	%100
194	M211	Z	5.085	5.085	0	%100
195	M212	X	-8.97	-8.97	0	%100
196	M212	Z	15.537	15.537	0	%100
197	M214	X	-9.448	-9.448	0	%100
198	M214	Z	16.365	16.365	0	%100
199	M216	X	-2.936	-2.936	0	%100
200	M216	Z	5.085	5.085	0	%100
201	M217	X	0	0	0	%100
202	M217	Z	0	0	0	%100
203	M219	X	0	0	0	%100
204	M219	Z	0	0	0	%100
205	M224	X	-1.739	-1.739	0	%100
206	M224	Z	3.013	3.013	0	%100
207	M225	X	-4.415	-4.415	0	%100
208	M225	Z	7.648	7.648	0	%100
209	M226	X	-4.415	-4.415	0	%100
210	M226	Z	7.648	7.648	0	%100
211	M227	X	-8.807	-8.807	0	%100
212	M227	Z	15.254	15.254	0	%100
213	M230	X	0	0	0	%100
214	M230	Z	0	0	0	%100
215	M231	X	-4.89	-4.89	0	%100
216	M231	Z	8.471	8.471	0	%100
217	M235	X	-2.936	-2.936	0	%100
218	M235	Z	5.085	5.085	0	%100
219	M236	X	0	0	0	%100
220	M236	Z	0	0	0	%100
221	M238	X	0	0	0	%100
222	M238	Z	0	0	0	%100
223	M240	X	-2.936	-2.936	0	%100
224	M240	Z	5.085	5.085	0	%100
225	M241	X	-8.97	-8.97	0	%100
226	M241	Z	15.537	15.537	0	%100
227	M243	X	-9.448	-9.448	0	%100
228	M243	Z	16.365	16.365	0	%100
229	M248	X	-5.137	-5.137	0	%100
230	M248	Z	8.897	8.897	0	%100
231	M250	X	-4.648	-4.648	0	%100
232	M250	Z	8.051	8.051	0	%100
233	M230A	X	-5.137	-5.137	0	%100
234	M230A	Z	8.897	8.897	0	%100
235	MP3C	X	-5.627	-5.627	0	%100
236	MP3C	Z	9.746	9.746	0	%100
237	MP4C	X	-4.648	-4.648	0	%100
238	MP4C	Z	8.051	8.051	0	%100
239	MP2C	X	-4.648	-4.648	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,%]
240	MP2C	Z	8.051	8.051	0	%100
241	MP1C	X	-4.648	-4.648	0	%100
242	MP1C	Z	8.051	8.051	0	%100
243	M239A	X	0	0	0	%100
244	M239A	Z	0	0	0	%100
245	MP3B	X	-5.627	-5.627	0	%100
246	MP3B	Z	9.746	9.746	0	%100
247	MP4B	X	-4.648	-4.648	0	%100
248	MP4B	Z	8.051	8.051	0	%100
249	MP2B	X	-4.648	-4.648	0	%100
250	MP2B	Z	8.051	8.051	0	%100
251	MP1B	X	-4.648	-4.648	0	%100
252	MP1B	Z	8.051	8.051	0	%100
253	M254	X	0	0	0	%100
254	M254	Z	0	0	0	%100
255	M265	X	-4.22	-4.22	0	%100
256	M265	Z	7.309	7.309	0	%100
257	M276	X	-4.22	-4.22	0	%100
258	M276	Z	7.309	7.309	0	%100
259	M281	X	-4.742	-4.742	0	%100
260	M281	Z	8.213	8.213	0	%100
261	M282	X	-4.742	-4.742	0	%100
262	M282	Z	8.213	8.213	0	%100
263	M283	X	0	0	0	%100
264	M283	Z	0	0	0	%100
265	M284	X	-8.563	-8.563	0	%100
266	M284	Z	14.832	14.832	0	%100
267	M285	X	-8.563	-8.563	0	%100
268	M285	Z	14.832	14.832	0	%100
269	M286	X	-9.746	-9.746	0	%100
270	M286	Z	16.881	16.881	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	-2.966	-2.966	0	%100
2	M1	Z	1.712	1.712	0	%100
3	M4	X	-9.038	-9.038	0	%100
4	M4	Z	5.218	5.218	0	%100
5	M10	X	-2.549	-2.549	0	%100
6	M10	Z	1.472	1.472	0	%100
7	MP3A	X	-9.746	-9.746	0	%100
8	MP3A	Z	5.627	5.627	0	%100
9	MP4A	X	-8.051	-8.051	0	%100
10	MP4A	Z	4.648	4.648	0	%100
11	MP2A	X	-8.051	-8.051	0	%100
12	MP2A	Z	4.648	4.648	0	%100
13	MP1A	X	-8.051	-8.051	0	%100
14	MP1A	Z	4.648	4.648	0	%100
15	M43	X	-2.549	-2.549	0	%100
16	M43	Z	1.472	1.472	0	%100
17	M46	X	-5.085	-5.085	0	%100
18	M46	Z	2.936	2.936	0	%100
19	M51B	X	-11.294	-11.294	0	%100
20	M51B	Z	6.521	6.521	0	%100
21	M52B	X	-2.824	-2.824	0	%100
22	M52B	Z	1.63	1.63	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,%]
23	M76	X	-15.254	-15.254	0	%100
24	M76	Z	8.807	8.807	0	%100
25	M77	X	-20.716	-20.716	0	%100
26	M77	Z	11.96	11.96	0	%100
27	M80	X	-21.82	-21.82	0	%100
28	M80	Z	12.598	12.598	0	%100
29	M84	X	-15.254	-15.254	0	%100
30	M84	Z	8.807	8.807	0	%100
31	M85	X	-5.179	-5.179	0	%100
32	M85	Z	2.99	2.99	0	%100
33	M91	X	-5.455	-5.455	0	%100
34	M91	Z	3.149	3.149	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-10.197	-10.197	0	%100
38	M53	Z	5.887	5.887	0	%100
39	M54	X	-10.197	-10.197	0	%100
40	M54	Z	5.887	5.887	0	%100
41	M55	X	-20.339	-20.339	0	%100
42	M55	Z	11.743	11.743	0	%100
43	M58A	X	-2.824	-2.824	0	%100
44	M58A	Z	1.63	1.63	0	%100
45	M59A	X	-2.824	-2.824	0	%100
46	M59A	Z	1.63	1.63	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-5.179	-5.179	0	%100
50	M64	Z	2.99	2.99	0	%100
51	M66	X	-5.455	-5.455	0	%100
52	M66	Z	3.149	3.149	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-5.179	-5.179	0	%100
56	M69	Z	2.99	2.99	0	%100
57	M71	X	-5.455	-5.455	0	%100
58	M71	Z	3.149	3.149	0	%100
59	M76A	X	-9.038	-9.038	0	%100
60	M76A	Z	5.218	5.218	0	%100
61	M77A	X	-2.549	-2.549	0	%100
62	M77A	Z	1.472	1.472	0	%100
63	M78	X	-2.549	-2.549	0	%100
64	M78	Z	1.472	1.472	0	%100
65	M79A	X	-5.085	-5.085	0	%100
66	M79A	Z	2.936	2.936	0	%100
67	M82	X	-2.824	-2.824	0	%100
68	M82	Z	1.63	1.63	0	%100
69	M83A	X	-11.294	-11.294	0	%100
70	M83A	Z	6.521	6.521	0	%100
71	M87	X	-15.254	-15.254	0	%100
72	M87	Z	8.807	8.807	0	%100
73	M88A	X	-5.179	-5.179	0	%100
74	M88A	Z	2.99	2.99	0	%100
75	M90	X	-5.455	-5.455	0	%100
76	M90	Z	3.149	3.149	0	%100
77	M92A	X	-15.254	-15.254	0	%100
78	M92A	Z	8.807	8.807	0	%100
79	M93	X	-20.716	-20.716	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,%]
80	M93	Z	11.96	11.96	0	%100
81	M95	X	-21.82	-21.82	0	%100
82	M95	Z	12.598	12.598	0	%100
83	M85B	X	0	0	0	%100
84	M85B	Z	0	0	0	%100
85	M86A	X	-10.197	-10.197	0	%100
86	M86A	Z	5.887	5.887	0	%100
87	M95A	X	-10.197	-10.197	0	%100
88	M95A	Z	5.887	5.887	0	%100
89	M96A	X	-20.339	-20.339	0	%100
90	M96A	Z	11.743	11.743	0	%100
91	M99A	X	-2.824	-2.824	0	%100
92	M99A	Z	1.63	1.63	0	%100
93	M100	X	-2.824	-2.824	0	%100
94	M100	Z	1.63	1.63	0	%100
95	M104	X	0	0	0	%100
96	M104	Z	0	0	0	%100
97	M105	X	-5.179	-5.179	0	%100
98	M105	Z	2.99	2.99	0	%100
99	M107	X	-5.455	-5.455	0	%100
100	M107	Z	3.149	3.149	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	-5.179	-5.179	0	%100
104	M110	Z	2.99	2.99	0	%100
105	M112	X	-5.455	-5.455	0	%100
106	M112	Z	3.149	3.149	0	%100
107	M117	X	-9.038	-9.038	0	%100
108	M117	Z	5.218	5.218	0	%100
109	M118	X	-2.549	-2.549	0	%100
110	M118	Z	1.472	1.472	0	%100
111	M119	X	-2.549	-2.549	0	%100
112	M119	Z	1.472	1.472	0	%100
113	M120	X	-5.085	-5.085	0	%100
114	M120	Z	2.936	2.936	0	%100
115	M123	X	-2.824	-2.824	0	%100
116	M123	Z	1.63	1.63	0	%100
117	M124	X	-11.294	-11.294	0	%100
118	M124	Z	6.521	6.521	0	%100
119	M128	X	-15.254	-15.254	0	%100
120	M128	Z	8.807	8.807	0	%100
121	M129	X	-5.179	-5.179	0	%100
122	M129	Z	2.99	2.99	0	%100
123	M131	X	-5.455	-5.455	0	%100
124	M131	Z	3.149	3.149	0	%100
125	M133	X	-15.254	-15.254	0	%100
126	M133	Z	8.807	8.807	0	%100
127	M134	X	-20.716	-20.716	0	%100
128	M134	Z	11.96	11.96	0	%100
129	M136	X	-21.82	-21.82	0	%100
130	M136	Z	12.598	12.598	0	%100
131	M141	X	-9.038	-9.038	0	%100
132	M141	Z	5.218	5.218	0	%100
133	M142	X	-2.549	-2.549	0	%100
134	M142	Z	1.472	1.472	0	%100
135	M143	X	-2.549	-2.549	0	%100
136	M143	Z	1.472	1.472	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,%]
137	M144	X	-5.085	-5.085	0	%100
138	M144	Z	2.936	2.936	0	%100
139	M147	X	-11.294	-11.294	0	%100
140	M147	Z	6.521	6.521	0	%100
141	M148	X	-2.824	-2.824	0	%100
142	M148	Z	1.63	1.63	0	%100
143	M152	X	-15.254	-15.254	0	%100
144	M152	Z	8.807	8.807	0	%100
145	M153	X	-20.716	-20.716	0	%100
146	M153	Z	11.96	11.96	0	%100
147	M155	X	-21.82	-21.82	0	%100
148	M155	Z	12.598	12.598	0	%100
149	M157	X	-15.254	-15.254	0	%100
150	M157	Z	8.807	8.807	0	%100
151	M158	X	-5.179	-5.179	0	%100
152	M158	Z	2.99	2.99	0	%100
153	M160	X	-5.455	-5.455	0	%100
154	M160	Z	3.149	3.149	0	%100
155	M166	X	-2.966	-2.966	0	%100
156	M166	Z	1.712	1.712	0	%100
157	M168	X	-9.038	-9.038	0	%100
158	M168	Z	5.218	5.218	0	%100
159	M169	X	-2.549	-2.549	0	%100
160	M169	Z	1.472	1.472	0	%100
161	M178	X	-2.549	-2.549	0	%100
162	M178	Z	1.472	1.472	0	%100
163	M179	X	-5.085	-5.085	0	%100
164	M179	Z	2.936	2.936	0	%100
165	M182	X	-2.824	-2.824	0	%100
166	M182	Z	1.63	1.63	0	%100
167	M183	X	-11.294	-11.294	0	%100
168	M183	Z	6.521	6.521	0	%100
169	M187	X	-15.254	-15.254	0	%100
170	M187	Z	8.807	8.807	0	%100
171	M188	X	-5.179	-5.179	0	%100
172	M188	Z	2.99	2.99	0	%100
173	M190	X	-5.455	-5.455	0	%100
174	M190	Z	3.149	3.149	0	%100
175	M192	X	-15.254	-15.254	0	%100
176	M192	Z	8.807	8.807	0	%100
177	M193	X	-20.716	-20.716	0	%100
178	M193	Z	11.96	11.96	0	%100
179	M195	X	-21.82	-21.82	0	%100
180	M195	Z	12.598	12.598	0	%100
181	M200	X	-9.038	-9.038	0	%100
182	M200	Z	5.218	5.218	0	%100
183	M201	X	-2.549	-2.549	0	%100
184	M201	Z	1.472	1.472	0	%100
185	M202	X	-2.549	-2.549	0	%100
186	M202	Z	1.472	1.472	0	%100
187	M203	X	-5.085	-5.085	0	%100
188	M203	Z	2.936	2.936	0	%100
189	M206	X	-11.294	-11.294	0	%100
190	M206	Z	6.521	6.521	0	%100
191	M207	X	-2.824	-2.824	0	%100
192	M207	Z	1.63	1.63	0	%100
193	M211	X	-15.254	-15.254	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,%]
194	M211	Z	8.807	8.807	0	%100
195	M212	X	-20.716	-20.716	0	%100
196	M212	Z	11.96	11.96	0	%100
197	M214	X	-21.82	-21.82	0	%100
198	M214	Z	12.598	12.598	0	%100
199	M216	X	-15.254	-15.254	0	%100
200	M216	Z	8.807	8.807	0	%100
201	M217	X	-5.179	-5.179	0	%100
202	M217	Z	2.99	2.99	0	%100
203	M219	X	-5.455	-5.455	0	%100
204	M219	Z	3.149	3.149	0	%100
205	M224	X	0	0	0	%100
206	M224	Z	0	0	0	%100
207	M225	X	-10.197	-10.197	0	%100
208	M225	Z	5.887	5.887	0	%100
209	M226	X	-10.197	-10.197	0	%100
210	M226	Z	5.887	5.887	0	%100
211	M227	X	-20.339	-20.339	0	%100
212	M227	Z	11.743	11.743	0	%100
213	M230	X	-2.824	-2.824	0	%100
214	M230	Z	1.63	1.63	0	%100
215	M231	X	-2.824	-2.824	0	%100
216	M231	Z	1.63	1.63	0	%100
217	M235	X	0	0	0	%100
218	M235	Z	0	0	0	%100
219	M236	X	-5.179	-5.179	0	%100
220	M236	Z	2.99	2.99	0	%100
221	M238	X	-5.455	-5.455	0	%100
222	M238	Z	3.149	3.149	0	%100
223	M240	X	0	0	0	%100
224	M240	Z	0	0	0	%100
225	M241	X	-5.179	-5.179	0	%100
226	M241	Z	2.99	2.99	0	%100
227	M243	X	-5.455	-5.455	0	%100
228	M243	Z	3.149	3.149	0	%100
229	M248	X	-2.966	-2.966	0	%100
230	M248	Z	1.712	1.712	0	%100
231	M250	X	-8.051	-8.051	0	%100
232	M250	Z	4.648	4.648	0	%100
233	M230A	X	-11.863	-11.863	0	%100
234	M230A	Z	6.849	6.849	0	%100
235	MP3C	X	-9.746	-9.746	0	%100
236	MP3C	Z	5.627	5.627	0	%100
237	MP4C	X	-8.051	-8.051	0	%100
238	MP4C	Z	4.648	4.648	0	%100
239	MP2C	X	-8.051	-8.051	0	%100
240	MP2C	Z	4.648	4.648	0	%100
241	MP1C	X	-8.051	-8.051	0	%100
242	MP1C	Z	4.648	4.648	0	%100
243	M239A	X	-2.966	-2.966	0	%100
244	M239A	Z	1.712	1.712	0	%100
245	MP3B	X	-9.746	-9.746	0	%100
246	MP3B	Z	5.627	5.627	0	%100
247	MP4B	X	-8.051	-8.051	0	%100
248	MP4B	Z	4.648	4.648	0	%100
249	MP2B	X	-8.051	-8.051	0	%100
250	MP2B	Z	4.648	4.648	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,%]
251	MP1B	X	-8.051	-8.051	0	%100
252	MP1B	Z	4.648	4.648	0	%100
253	M254	X	-2.436	-2.436	0	%100
254	M254	Z	1.407	1.407	0	%100
255	M265	X	-2.436	-2.436	0	%100
256	M265	Z	1.407	1.407	0	%100
257	M276	X	-9.746	-9.746	0	%100
258	M276	Z	5.627	5.627	0	%100
259	M281	X	-10.95	-10.95	0	%100
260	M281	Z	6.322	6.322	0	%100
261	M282	X	-2.738	-2.738	0	%100
262	M282	Z	1.581	1.581	0	%100
263	M283	X	-2.738	-2.738	0	%100
264	M283	Z	1.581	1.581	0	%100
265	M284	X	-16.198	-16.198	0	%100
266	M284	Z	9.352	9.352	0	%100
267	M285	X	-14.148	-14.148	0	%100
268	M285	Z	8.169	8.169	0	%100
269	M286	X	-16.198	-16.198	0	%100
270	M286	Z	9.352	9.352	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	-13.915	-13.915	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-11.254	-11.254	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-9.296	-9.296	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-9.296	-9.296	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-9.296	-9.296	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	-9.781	-9.781	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-9.781	-9.781	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-23.486	-23.486	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-17.941	-17.941	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-18.896	-18.896	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-23.486	-23.486	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-17.941	-17.941	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-18.896	-18.896	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,%]
34	M91	Z	0	0	0	%100
35	M52A	X	-3.479	-3.479	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-8.831	-8.831	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-8.831	-8.831	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-17.614	-17.614	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-9.781	-9.781	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-5.871	-5.871	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-17.941	-17.941	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-18.896	-18.896	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-5.871	-5.871	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-3.479	-3.479	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-8.831	-8.831	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-8.831	-8.831	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-17.614	-17.614	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-9.781	-9.781	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-5.871	-5.871	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-5.871	-5.871	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-17.941	-17.941	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-18.896	-18.896	0	%100
82	M95	Z	0	0	0	%100
83	M85B	X	-3.479	-3.479	0	%100
84	M85B	Z	0	0	0	%100
85	M86A	X	-8.831	-8.831	0	%100
86	M86A	Z	0	0	0	%100
87	M95A	X	-8.831	-8.831	0	%100
88	M95A	Z	0	0	0	%100
89	M96A	X	-17.614	-17.614	0	%100
90	M96A	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,%]
91	M99A	X	-9.781	-9.781	0	%100
92	M99A	Z	0	0	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	0	0	0	%100
95	M104	X	-5.871	-5.871	0	%100
96	M104	Z	0	0	0	%100
97	M105	X	-17.941	-17.941	0	%100
98	M105	Z	0	0	0	%100
99	M107	X	-18.896	-18.896	0	%100
100	M107	Z	0	0	0	%100
101	M109	X	-5.871	-5.871	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	0	0	0	%100
107	M117	X	-3.479	-3.479	0	%100
108	M117	Z	0	0	0	%100
109	M118	X	-8.831	-8.831	0	%100
110	M118	Z	0	0	0	%100
111	M119	X	-8.831	-8.831	0	%100
112	M119	Z	0	0	0	%100
113	M120	X	-17.614	-17.614	0	%100
114	M120	Z	0	0	0	%100
115	M123	X	0	0	0	%100
116	M123	Z	0	0	0	%100
117	M124	X	-9.781	-9.781	0	%100
118	M124	Z	0	0	0	%100
119	M128	X	-5.871	-5.871	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	0	0	0	%100
123	M131	X	0	0	0	%100
124	M131	Z	0	0	0	%100
125	M133	X	-5.871	-5.871	0	%100
126	M133	Z	0	0	0	%100
127	M134	X	-17.941	-17.941	0	%100
128	M134	Z	0	0	0	%100
129	M136	X	-18.896	-18.896	0	%100
130	M136	Z	0	0	0	%100
131	M141	X	-13.915	-13.915	0	%100
132	M141	Z	0	0	0	%100
133	M142	X	0	0	0	%100
134	M142	Z	0	0	0	%100
135	M143	X	0	0	0	%100
136	M143	Z	0	0	0	%100
137	M144	X	0	0	0	%100
138	M144	Z	0	0	0	%100
139	M147	X	-9.781	-9.781	0	%100
140	M147	Z	0	0	0	%100
141	M148	X	-9.781	-9.781	0	%100
142	M148	Z	0	0	0	%100
143	M152	X	-23.486	-23.486	0	%100
144	M152	Z	0	0	0	%100
145	M153	X	-17.941	-17.941	0	%100
146	M153	Z	0	0	0	%100
147	M155	X	-18.896	-18.896	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,%]
148	M155	Z	0	0	0	%100
149	M157	X	-23.486	-23.486	0	%100
150	M157	Z	0	0	0	%100
151	M158	X	-17.941	-17.941	0	%100
152	M158	Z	0	0	0	%100
153	M160	X	-18.896	-18.896	0	%100
154	M160	Z	0	0	0	%100
155	M166	X	0	0	0	%100
156	M166	Z	0	0	0	%100
157	M168	X	-3.479	-3.479	0	%100
158	M168	Z	0	0	0	%100
159	M169	X	-8.831	-8.831	0	%100
160	M169	Z	0	0	0	%100
161	M178	X	-8.831	-8.831	0	%100
162	M178	Z	0	0	0	%100
163	M179	X	-17.614	-17.614	0	%100
164	M179	Z	0	0	0	%100
165	M182	X	0	0	0	%100
166	M182	Z	0	0	0	%100
167	M183	X	-9.781	-9.781	0	%100
168	M183	Z	0	0	0	%100
169	M187	X	-5.871	-5.871	0	%100
170	M187	Z	0	0	0	%100
171	M188	X	0	0	0	%100
172	M188	Z	0	0	0	%100
173	M190	X	0	0	0	%100
174	M190	Z	0	0	0	%100
175	M192	X	-5.871	-5.871	0	%100
176	M192	Z	0	0	0	%100
177	M193	X	-17.941	-17.941	0	%100
178	M193	Z	0	0	0	%100
179	M195	X	-18.896	-18.896	0	%100
180	M195	Z	0	0	0	%100
181	M200	X	-13.915	-13.915	0	%100
182	M200	Z	0	0	0	%100
183	M201	X	0	0	0	%100
184	M201	Z	0	0	0	%100
185	M202	X	0	0	0	%100
186	M202	Z	0	0	0	%100
187	M203	X	0	0	0	%100
188	M203	Z	0	0	0	%100
189	M206	X	-9.781	-9.781	0	%100
190	M206	Z	0	0	0	%100
191	M207	X	-9.781	-9.781	0	%100
192	M207	Z	0	0	0	%100
193	M211	X	-23.486	-23.486	0	%100
194	M211	Z	0	0	0	%100
195	M212	X	-17.941	-17.941	0	%100
196	M212	Z	0	0	0	%100
197	M214	X	-18.896	-18.896	0	%100
198	M214	Z	0	0	0	%100
199	M216	X	-23.486	-23.486	0	%100
200	M216	Z	0	0	0	%100
201	M217	X	-17.941	-17.941	0	%100
202	M217	Z	0	0	0	%100
203	M219	X	-18.896	-18.896	0	%100
204	M219	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,%]
205	M224	X	-3.479	-3.479	0	%100
206	M224	Z	0	0	0	%100
207	M225	X	-8.831	-8.831	0	%100
208	M225	Z	0	0	0	%100
209	M226	X	-8.831	-8.831	0	%100
210	M226	Z	0	0	0	%100
211	M227	X	-17.614	-17.614	0	%100
212	M227	Z	0	0	0	%100
213	M230	X	-9.781	-9.781	0	%100
214	M230	Z	0	0	0	%100
215	M231	X	0	0	0	%100
216	M231	Z	0	0	0	%100
217	M235	X	-5.871	-5.871	0	%100
218	M235	Z	0	0	0	%100
219	M236	X	-17.941	-17.941	0	%100
220	M236	Z	0	0	0	%100
221	M238	X	-18.896	-18.896	0	%100
222	M238	Z	0	0	0	%100
223	M240	X	-5.871	-5.871	0	%100
224	M240	Z	0	0	0	%100
225	M241	X	0	0	0	%100
226	M241	Z	0	0	0	%100
227	M243	X	0	0	0	%100
228	M243	Z	0	0	0	%100
229	M248	X	0	0	0	%100
230	M248	Z	0	0	0	%100
231	M250	X	-9.296	-9.296	0	%100
232	M250	Z	0	0	0	%100
233	M230A	X	-10.274	-10.274	0	%100
234	M230A	Z	0	0	0	%100
235	MP3C	X	-11.254	-11.254	0	%100
236	MP3C	Z	0	0	0	%100
237	MP4C	X	-9.296	-9.296	0	%100
238	MP4C	Z	0	0	0	%100
239	MP2C	X	-9.296	-9.296	0	%100
240	MP2C	Z	0	0	0	%100
241	MP1C	X	-9.296	-9.296	0	%100
242	MP1C	Z	0	0	0	%100
243	M239A	X	-10.274	-10.274	0	%100
244	M239A	Z	0	0	0	%100
245	MP3B	X	-11.254	-11.254	0	%100
246	MP3B	Z	0	0	0	%100
247	MP4B	X	-9.296	-9.296	0	%100
248	MP4B	Z	0	0	0	%100
249	MP2B	X	-9.296	-9.296	0	%100
250	MP2B	Z	0	0	0	%100
251	MP1B	X	-9.296	-9.296	0	%100
252	MP1B	Z	0	0	0	%100
253	M254	X	-8.44	-8.44	0	%100
254	M254	Z	0	0	0	%100
255	M265	X	0	0	0	%100
256	M265	Z	0	0	0	%100
257	M276	X	-8.44	-8.44	0	%100
258	M276	Z	0	0	0	%100
259	M281	X	-9.483	-9.483	0	%100
260	M281	Z	0	0	0	%100
261	M282	X	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,%]
262	M282	Z	0	0	0	%100
263	M283	X	-9.483	-9.483	0	%100
264	M283	Z	0	0	0	%100
265	M284	X	-19.493	-19.493	0	%100
266	M284	Z	0	0	0	%100
267	M285	X	-17.126	-17.126	0	%100
268	M285	Z	0	0	0	%100
269	M286	X	-17.126	-17.126	0	%100
270	M286	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	-2.966	-2.966	0	%100
2	M1	Z	-1.712	-1.712	0	%100
3	M4	X	-9.038	-9.038	0	%100
4	M4	Z	-5.218	-5.218	0	%100
5	M10	X	-2.549	-2.549	0	%100
6	M10	Z	-1.472	-1.472	0	%100
7	MP3A	X	-9.746	-9.746	0	%100
8	MP3A	Z	-5.627	-5.627	0	%100
9	MP4A	X	-8.051	-8.051	0	%100
10	MP4A	Z	-4.648	-4.648	0	%100
11	MP2A	X	-8.051	-8.051	0	%100
12	MP2A	Z	-4.648	-4.648	0	%100
13	MP1A	X	-8.051	-8.051	0	%100
14	MP1A	Z	-4.648	-4.648	0	%100
15	M43	X	-2.549	-2.549	0	%100
16	M43	Z	-1.472	-1.472	0	%100
17	M46	X	-5.085	-5.085	0	%100
18	M46	Z	-2.936	-2.936	0	%100
19	M51B	X	-2.824	-2.824	0	%100
20	M51B	Z	-1.63	-1.63	0	%100
21	M52B	X	-11.294	-11.294	0	%100
22	M52B	Z	-6.521	-6.521	0	%100
23	M76	X	-15.254	-15.254	0	%100
24	M76	Z	-8.807	-8.807	0	%100
25	M77	X	-5.179	-5.179	0	%100
26	M77	Z	-2.99	-2.99	0	%100
27	M80	X	-5.455	-5.455	0	%100
28	M80	Z	-3.149	-3.149	0	%100
29	M84	X	-15.254	-15.254	0	%100
30	M84	Z	-8.807	-8.807	0	%100
31	M85	X	-20.716	-20.716	0	%100
32	M85	Z	-11.96	-11.96	0	%100
33	M91	X	-21.82	-21.82	0	%100
34	M91	Z	-12.598	-12.598	0	%100
35	M52A	X	-9.038	-9.038	0	%100
36	M52A	Z	-5.218	-5.218	0	%100
37	M53	X	-2.549	-2.549	0	%100
38	M53	Z	-1.472	-1.472	0	%100
39	M54	X	-2.549	-2.549	0	%100
40	M54	Z	-1.472	-1.472	0	%100
41	M55	X	-5.085	-5.085	0	%100
42	M55	Z	-2.936	-2.936	0	%100
43	M58A	X	-11.294	-11.294	0	%100
44	M58A	Z	-6.521	-6.521	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,%]
45	M59A	X	-2.824	-2.824	0	%100
46	M59A	Z	-1.63	-1.63	0	%100
47	M63	X	-15.254	-15.254	0	%100
48	M63	Z	-8.807	-8.807	0	%100
49	M64	X	-20.716	-20.716	0	%100
50	M64	Z	-11.96	-11.96	0	%100
51	M66	X	-21.82	-21.82	0	%100
52	M66	Z	-12.598	-12.598	0	%100
53	M68	X	-15.254	-15.254	0	%100
54	M68	Z	-8.807	-8.807	0	%100
55	M69	X	-5.179	-5.179	0	%100
56	M69	Z	-2.99	-2.99	0	%100
57	M71	X	-5.455	-5.455	0	%100
58	M71	Z	-3.149	-3.149	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-10.197	-10.197	0	%100
62	M77A	Z	-5.887	-5.887	0	%100
63	M78	X	-10.197	-10.197	0	%100
64	M78	Z	-5.887	-5.887	0	%100
65	M79A	X	-20.339	-20.339	0	%100
66	M79A	Z	-11.743	-11.743	0	%100
67	M82	X	-2.824	-2.824	0	%100
68	M82	Z	-1.63	-1.63	0	%100
69	M83A	X	-2.824	-2.824	0	%100
70	M83A	Z	-1.63	-1.63	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-5.179	-5.179	0	%100
74	M88A	Z	-2.99	-2.99	0	%100
75	M90	X	-5.455	-5.455	0	%100
76	M90	Z	-3.149	-3.149	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-5.179	-5.179	0	%100
80	M93	Z	-2.99	-2.99	0	%100
81	M95	X	-5.455	-5.455	0	%100
82	M95	Z	-3.149	-3.149	0	%100
83	M85B	X	-9.038	-9.038	0	%100
84	M85B	Z	-5.218	-5.218	0	%100
85	M86A	X	-2.549	-2.549	0	%100
86	M86A	Z	-1.472	-1.472	0	%100
87	M95A	X	-2.549	-2.549	0	%100
88	M95A	Z	-1.472	-1.472	0	%100
89	M96A	X	-5.085	-5.085	0	%100
90	M96A	Z	-2.936	-2.936	0	%100
91	M99A	X	-11.294	-11.294	0	%100
92	M99A	Z	-6.521	-6.521	0	%100
93	M100	X	-2.824	-2.824	0	%100
94	M100	Z	-1.63	-1.63	0	%100
95	M104	X	-15.254	-15.254	0	%100
96	M104	Z	-8.807	-8.807	0	%100
97	M105	X	-20.716	-20.716	0	%100
98	M105	Z	-11.96	-11.96	0	%100
99	M107	X	-21.82	-21.82	0	%100
100	M107	Z	-12.598	-12.598	0	%100
101	M109	X	-15.254	-15.254	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,%]
102	M109	Z	-8.807	-8.807	0	%100
103	M110	X	-5.179	-5.179	0	%100
104	M110	Z	-2.99	-2.99	0	%100
105	M112	X	-5.455	-5.455	0	%100
106	M112	Z	-3.149	-3.149	0	%100
107	M117	X	0	0	0	%100
108	M117	Z	0	0	0	%100
109	M118	X	-10.197	-10.197	0	%100
110	M118	Z	-5.887	-5.887	0	%100
111	M119	X	-10.197	-10.197	0	%100
112	M119	Z	-5.887	-5.887	0	%100
113	M120	X	-20.339	-20.339	0	%100
114	M120	Z	-11.743	-11.743	0	%100
115	M123	X	-2.824	-2.824	0	%100
116	M123	Z	-1.63	-1.63	0	%100
117	M124	X	-2.824	-2.824	0	%100
118	M124	Z	-1.63	-1.63	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	-5.179	-5.179	0	%100
122	M129	Z	-2.99	-2.99	0	%100
123	M131	X	-5.455	-5.455	0	%100
124	M131	Z	-3.149	-3.149	0	%100
125	M133	X	0	0	0	%100
126	M133	Z	0	0	0	%100
127	M134	X	-5.179	-5.179	0	%100
128	M134	Z	-2.99	-2.99	0	%100
129	M136	X	-5.455	-5.455	0	%100
130	M136	Z	-3.149	-3.149	0	%100
131	M141	X	-9.038	-9.038	0	%100
132	M141	Z	-5.218	-5.218	0	%100
133	M142	X	-2.549	-2.549	0	%100
134	M142	Z	-1.472	-1.472	0	%100
135	M143	X	-2.549	-2.549	0	%100
136	M143	Z	-1.472	-1.472	0	%100
137	M144	X	-5.085	-5.085	0	%100
138	M144	Z	-2.936	-2.936	0	%100
139	M147	X	-2.824	-2.824	0	%100
140	M147	Z	-1.63	-1.63	0	%100
141	M148	X	-11.294	-11.294	0	%100
142	M148	Z	-6.521	-6.521	0	%100
143	M152	X	-15.254	-15.254	0	%100
144	M152	Z	-8.807	-8.807	0	%100
145	M153	X	-5.179	-5.179	0	%100
146	M153	Z	-2.99	-2.99	0	%100
147	M155	X	-5.455	-5.455	0	%100
148	M155	Z	-3.149	-3.149	0	%100
149	M157	X	-15.254	-15.254	0	%100
150	M157	Z	-8.807	-8.807	0	%100
151	M158	X	-20.716	-20.716	0	%100
152	M158	Z	-11.96	-11.96	0	%100
153	M160	X	-21.82	-21.82	0	%100
154	M160	Z	-12.598	-12.598	0	%100
155	M166	X	-2.966	-2.966	0	%100
156	M166	Z	-1.712	-1.712	0	%100
157	M168	X	0	0	0	%100
158	M168	Z	0	0	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,%]
159	M169	X	-10.197	-10.197	0	%100
160	M169	Z	-5.887	-5.887	0	%100
161	M178	X	-10.197	-10.197	0	%100
162	M178	Z	-5.887	-5.887	0	%100
163	M179	X	-20.339	-20.339	0	%100
164	M179	Z	-11.743	-11.743	0	%100
165	M182	X	-2.824	-2.824	0	%100
166	M182	Z	-1.63	-1.63	0	%100
167	M183	X	-2.824	-2.824	0	%100
168	M183	Z	-1.63	-1.63	0	%100
169	M187	X	0	0	0	%100
170	M187	Z	0	0	0	%100
171	M188	X	-5.179	-5.179	0	%100
172	M188	Z	-2.99	-2.99	0	%100
173	M190	X	-5.455	-5.455	0	%100
174	M190	Z	-3.149	-3.149	0	%100
175	M192	X	0	0	0	%100
176	M192	Z	0	0	0	%100
177	M193	X	-5.179	-5.179	0	%100
178	M193	Z	-2.99	-2.99	0	%100
179	M195	X	-5.455	-5.455	0	%100
180	M195	Z	-3.149	-3.149	0	%100
181	M200	X	-9.038	-9.038	0	%100
182	M200	Z	-5.218	-5.218	0	%100
183	M201	X	-2.549	-2.549	0	%100
184	M201	Z	-1.472	-1.472	0	%100
185	M202	X	-2.549	-2.549	0	%100
186	M202	Z	-1.472	-1.472	0	%100
187	M203	X	-5.085	-5.085	0	%100
188	M203	Z	-2.936	-2.936	0	%100
189	M206	X	-2.824	-2.824	0	%100
190	M206	Z	-1.63	-1.63	0	%100
191	M207	X	-11.294	-11.294	0	%100
192	M207	Z	-6.521	-6.521	0	%100
193	M211	X	-15.254	-15.254	0	%100
194	M211	Z	-8.807	-8.807	0	%100
195	M212	X	-5.179	-5.179	0	%100
196	M212	Z	-2.99	-2.99	0	%100
197	M214	X	-5.455	-5.455	0	%100
198	M214	Z	-3.149	-3.149	0	%100
199	M216	X	-15.254	-15.254	0	%100
200	M216	Z	-8.807	-8.807	0	%100
201	M217	X	-20.716	-20.716	0	%100
202	M217	Z	-11.96	-11.96	0	%100
203	M219	X	-21.82	-21.82	0	%100
204	M219	Z	-12.598	-12.598	0	%100
205	M224	X	-9.038	-9.038	0	%100
206	M224	Z	-5.218	-5.218	0	%100
207	M225	X	-2.549	-2.549	0	%100
208	M225	Z	-1.472	-1.472	0	%100
209	M226	X	-2.549	-2.549	0	%100
210	M226	Z	-1.472	-1.472	0	%100
211	M227	X	-5.085	-5.085	0	%100
212	M227	Z	-2.936	-2.936	0	%100
213	M230	X	-11.294	-11.294	0	%100
214	M230	Z	-6.521	-6.521	0	%100
215	M231	X	-2.824	-2.824	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,%]
216	M231	Z	-1.63	-1.63	0	%100
217	M235	X	-15.254	-15.254	0	%100
218	M235	Z	-8.807	-8.807	0	%100
219	M236	X	-20.716	-20.716	0	%100
220	M236	Z	-11.96	-11.96	0	%100
221	M238	X	-21.82	-21.82	0	%100
222	M238	Z	-12.598	-12.598	0	%100
223	M240	X	-15.254	-15.254	0	%100
224	M240	Z	-8.807	-8.807	0	%100
225	M241	X	-5.179	-5.179	0	%100
226	M241	Z	-2.99	-2.99	0	%100
227	M243	X	-5.455	-5.455	0	%100
228	M243	Z	-3.149	-3.149	0	%100
229	M248	X	-2.966	-2.966	0	%100
230	M248	Z	-1.712	-1.712	0	%100
231	M250	X	-8.051	-8.051	0	%100
232	M250	Z	-4.648	-4.648	0	%100
233	M230A	X	-2.966	-2.966	0	%100
234	M230A	Z	-1.712	-1.712	0	%100
235	MP3C	X	-9.746	-9.746	0	%100
236	MP3C	Z	-5.627	-5.627	0	%100
237	MP4C	X	-8.051	-8.051	0	%100
238	MP4C	Z	-4.648	-4.648	0	%100
239	MP2C	X	-8.051	-8.051	0	%100
240	MP2C	Z	-4.648	-4.648	0	%100
241	MP1C	X	-8.051	-8.051	0	%100
242	MP1C	Z	-4.648	-4.648	0	%100
243	M239A	X	-11.863	-11.863	0	%100
244	M239A	Z	-6.849	-6.849	0	%100
245	MP3B	X	-9.746	-9.746	0	%100
246	MP3B	Z	-5.627	-5.627	0	%100
247	MP4B	X	-8.051	-8.051	0	%100
248	MP4B	Z	-4.648	-4.648	0	%100
249	MP2B	X	-8.051	-8.051	0	%100
250	MP2B	Z	-4.648	-4.648	0	%100
251	MP1B	X	-8.051	-8.051	0	%100
252	MP1B	Z	-4.648	-4.648	0	%100
253	M254	X	-9.746	-9.746	0	%100
254	M254	Z	-5.627	-5.627	0	%100
255	M265	X	-2.436	-2.436	0	%100
256	M265	Z	-1.407	-1.407	0	%100
257	M276	X	-2.436	-2.436	0	%100
258	M276	Z	-1.407	-1.407	0	%100
259	M281	X	-2.738	-2.738	0	%100
260	M281	Z	-1.581	-1.581	0	%100
261	M282	X	-2.738	-2.738	0	%100
262	M282	Z	-1.581	-1.581	0	%100
263	M283	X	-10.95	-10.95	0	%100
264	M283	Z	-6.322	-6.322	0	%100
265	M284	X	-16.198	-16.198	0	%100
266	M284	Z	-9.352	-9.352	0	%100
267	M285	X	-16.198	-16.198	0	%100
268	M285	Z	-9.352	-9.352	0	%100
269	M286	X	-14.148	-14.148	0	%100
270	M286	Z	-8.169	-8.169	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	-5.137	-5.137	0	%100
2	M1	Z	-8.897	-8.897	0	%100
3	M4	X	-1.739	-1.739	0	%100
4	M4	Z	-3.013	-3.013	0	%100
5	M10	X	-4.415	-4.415	0	%100
6	M10	Z	-7.648	-7.648	0	%100
7	MP3A	X	-5.627	-5.627	0	%100
8	MP3A	Z	-9.746	-9.746	0	%100
9	MP4A	X	-4.648	-4.648	0	%100
10	MP4A	Z	-8.051	-8.051	0	%100
11	MP2A	X	-4.648	-4.648	0	%100
12	MP2A	Z	-8.051	-8.051	0	%100
13	MP1A	X	-4.648	-4.648	0	%100
14	MP1A	Z	-8.051	-8.051	0	%100
15	M43	X	-4.415	-4.415	0	%100
16	M43	Z	-7.648	-7.648	0	%100
17	M46	X	-8.807	-8.807	0	%100
18	M46	Z	-15.254	-15.254	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-4.89	-4.89	0	%100
22	M52B	Z	-8.471	-8.471	0	%100
23	M76	X	-2.936	-2.936	0	%100
24	M76	Z	-5.085	-5.085	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	-2.936	-2.936	0	%100
30	M84	Z	-5.085	-5.085	0	%100
31	M85	X	-8.97	-8.97	0	%100
32	M85	Z	-15.537	-15.537	0	%100
33	M91	X	-9.448	-9.448	0	%100
34	M91	Z	-16.365	-16.365	0	%100
35	M52A	X	-6.958	-6.958	0	%100
36	M52A	Z	-12.051	-12.051	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-4.89	-4.89	0	%100
44	M58A	Z	-8.471	-8.471	0	%100
45	M59A	X	-4.89	-4.89	0	%100
46	M59A	Z	-8.471	-8.471	0	%100
47	M63	X	-11.743	-11.743	0	%100
48	M63	Z	-20.339	-20.339	0	%100
49	M64	X	-8.97	-8.97	0	%100
50	M64	Z	-15.537	-15.537	0	%100
51	M66	X	-9.448	-9.448	0	%100
52	M66	Z	-16.365	-16.365	0	%100
53	M68	X	-11.743	-11.743	0	%100
54	M68	Z	-20.339	-20.339	0	%100
55	M69	X	-8.97	-8.97	0	%100
56	M69	Z	-15.537	-15.537	0	%100
57	M71	X	-9.448	-9.448	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,%]
58	M71	Z	-16.365	-16.365	0	%100
59	M76A	X	-1.739	-1.739	0	%100
60	M76A	Z	-3.013	-3.013	0	%100
61	M77A	X	-4.415	-4.415	0	%100
62	M77A	Z	-7.648	-7.648	0	%100
63	M78	X	-4.415	-4.415	0	%100
64	M78	Z	-7.648	-7.648	0	%100
65	M79A	X	-8.807	-8.807	0	%100
66	M79A	Z	-15.254	-15.254	0	%100
67	M82	X	-4.89	-4.89	0	%100
68	M82	Z	-8.471	-8.471	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-2.936	-2.936	0	%100
72	M87	Z	-5.085	-5.085	0	%100
73	M88A	X	-8.97	-8.97	0	%100
74	M88A	Z	-15.537	-15.537	0	%100
75	M90	X	-9.448	-9.448	0	%100
76	M90	Z	-16.365	-16.365	0	%100
77	M92A	X	-2.936	-2.936	0	%100
78	M92A	Z	-5.085	-5.085	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M85B	X	-6.958	-6.958	0	%100
84	M85B	Z	-12.051	-12.051	0	%100
85	M86A	X	0	0	0	%100
86	M86A	Z	0	0	0	%100
87	M95A	X	0	0	0	%100
88	M95A	Z	0	0	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	0	0	0	%100
91	M99A	X	-4.89	-4.89	0	%100
92	M99A	Z	-8.471	-8.471	0	%100
93	M100	X	-4.89	-4.89	0	%100
94	M100	Z	-8.471	-8.471	0	%100
95	M104	X	-11.743	-11.743	0	%100
96	M104	Z	-20.339	-20.339	0	%100
97	M105	X	-8.97	-8.97	0	%100
98	M105	Z	-15.537	-15.537	0	%100
99	M107	X	-9.448	-9.448	0	%100
100	M107	Z	-16.365	-16.365	0	%100
101	M109	X	-11.743	-11.743	0	%100
102	M109	Z	-20.339	-20.339	0	%100
103	M110	X	-8.97	-8.97	0	%100
104	M110	Z	-15.537	-15.537	0	%100
105	M112	X	-9.448	-9.448	0	%100
106	M112	Z	-16.365	-16.365	0	%100
107	M117	X	-1.739	-1.739	0	%100
108	M117	Z	-3.013	-3.013	0	%100
109	M118	X	-4.415	-4.415	0	%100
110	M118	Z	-7.648	-7.648	0	%100
111	M119	X	-4.415	-4.415	0	%100
112	M119	Z	-7.648	-7.648	0	%100
113	M120	X	-8.807	-8.807	0	%100
114	M120	Z	-15.254	-15.254	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,%]
115	M123	X	-4.89	-4.89	0	%100
116	M123	Z	-8.471	-8.471	0	%100
117	M124	X	0	0	0	%100
118	M124	Z	0	0	0	%100
119	M128	X	-2.936	-2.936	0	%100
120	M128	Z	-5.085	-5.085	0	%100
121	M129	X	-8.97	-8.97	0	%100
122	M129	Z	-15.537	-15.537	0	%100
123	M131	X	-9.448	-9.448	0	%100
124	M131	Z	-16.365	-16.365	0	%100
125	M133	X	-2.936	-2.936	0	%100
126	M133	Z	-5.085	-5.085	0	%100
127	M134	X	0	0	0	%100
128	M134	Z	0	0	0	%100
129	M136	X	0	0	0	%100
130	M136	Z	0	0	0	%100
131	M141	X	-1.739	-1.739	0	%100
132	M141	Z	-3.013	-3.013	0	%100
133	M142	X	-4.415	-4.415	0	%100
134	M142	Z	-7.648	-7.648	0	%100
135	M143	X	-4.415	-4.415	0	%100
136	M143	Z	-7.648	-7.648	0	%100
137	M144	X	-8.807	-8.807	0	%100
138	M144	Z	-15.254	-15.254	0	%100
139	M147	X	0	0	0	%100
140	M147	Z	0	0	0	%100
141	M148	X	-4.89	-4.89	0	%100
142	M148	Z	-8.471	-8.471	0	%100
143	M152	X	-2.936	-2.936	0	%100
144	M152	Z	-5.085	-5.085	0	%100
145	M153	X	0	0	0	%100
146	M153	Z	0	0	0	%100
147	M155	X	0	0	0	%100
148	M155	Z	0	0	0	%100
149	M157	X	-2.936	-2.936	0	%100
150	M157	Z	-5.085	-5.085	0	%100
151	M158	X	-8.97	-8.97	0	%100
152	M158	Z	-15.537	-15.537	0	%100
153	M160	X	-9.448	-9.448	0	%100
154	M160	Z	-16.365	-16.365	0	%100
155	M166	X	-5.137	-5.137	0	%100
156	M166	Z	-8.897	-8.897	0	%100
157	M168	X	-1.739	-1.739	0	%100
158	M168	Z	-3.013	-3.013	0	%100
159	M169	X	-4.415	-4.415	0	%100
160	M169	Z	-7.648	-7.648	0	%100
161	M178	X	-4.415	-4.415	0	%100
162	M178	Z	-7.648	-7.648	0	%100
163	M179	X	-8.807	-8.807	0	%100
164	M179	Z	-15.254	-15.254	0	%100
165	M182	X	-4.89	-4.89	0	%100
166	M182	Z	-8.471	-8.471	0	%100
167	M183	X	0	0	0	%100
168	M183	Z	0	0	0	%100
169	M187	X	-2.936	-2.936	0	%100
170	M187	Z	-5.085	-5.085	0	%100
171	M188	X	-8.97	-8.97	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,%]
172	M188	Z	-15.537	-15.537	0	%100
173	M190	X	-9.448	-9.448	0	%100
174	M190	Z	-16.365	-16.365	0	%100
175	M192	X	-2.936	-2.936	0	%100
176	M192	Z	-5.085	-5.085	0	%100
177	M193	X	0	0	0	%100
178	M193	Z	0	0	0	%100
179	M195	X	0	0	0	%100
180	M195	Z	0	0	0	%100
181	M200	X	-1.739	-1.739	0	%100
182	M200	Z	-3.013	-3.013	0	%100
183	M201	X	-4.415	-4.415	0	%100
184	M201	Z	-7.648	-7.648	0	%100
185	M202	X	-4.415	-4.415	0	%100
186	M202	Z	-7.648	-7.648	0	%100
187	M203	X	-8.807	-8.807	0	%100
188	M203	Z	-15.254	-15.254	0	%100
189	M206	X	0	0	0	%100
190	M206	Z	0	0	0	%100
191	M207	X	-4.89	-4.89	0	%100
192	M207	Z	-8.471	-8.471	0	%100
193	M211	X	-2.936	-2.936	0	%100
194	M211	Z	-5.085	-5.085	0	%100
195	M212	X	0	0	0	%100
196	M212	Z	0	0	0	%100
197	M214	X	0	0	0	%100
198	M214	Z	0	0	0	%100
199	M216	X	-2.936	-2.936	0	%100
200	M216	Z	-5.085	-5.085	0	%100
201	M217	X	-8.97	-8.97	0	%100
202	M217	Z	-15.537	-15.537	0	%100
203	M219	X	-9.448	-9.448	0	%100
204	M219	Z	-16.365	-16.365	0	%100
205	M224	X	-6.958	-6.958	0	%100
206	M224	Z	-12.051	-12.051	0	%100
207	M225	X	0	0	0	%100
208	M225	Z	0	0	0	%100
209	M226	X	0	0	0	%100
210	M226	Z	0	0	0	%100
211	M227	X	0	0	0	%100
212	M227	Z	0	0	0	%100
213	M230	X	-4.89	-4.89	0	%100
214	M230	Z	-8.471	-8.471	0	%100
215	M231	X	-4.89	-4.89	0	%100
216	M231	Z	-8.471	-8.471	0	%100
217	M235	X	-11.743	-11.743	0	%100
218	M235	Z	-20.339	-20.339	0	%100
219	M236	X	-8.97	-8.97	0	%100
220	M236	Z	-15.537	-15.537	0	%100
221	M238	X	-9.448	-9.448	0	%100
222	M238	Z	-16.365	-16.365	0	%100
223	M240	X	-11.743	-11.743	0	%100
224	M240	Z	-20.339	-20.339	0	%100
225	M241	X	-8.97	-8.97	0	%100
226	M241	Z	-15.537	-15.537	0	%100
227	M243	X	-9.448	-9.448	0	%100
228	M243	Z	-16.365	-16.365	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,%]
229	M248	X	-5.137	-5.137	0	%100
230	M248	Z	-8.897	-8.897	0	%100
231	M250	X	-4.648	-4.648	0	%100
232	M250	Z	-8.051	-8.051	0	%100
233	M230A	X	0	0	0	%100
234	M230A	Z	0	0	0	%100
235	MP3C	X	-5.627	-5.627	0	%100
236	MP3C	Z	-9.746	-9.746	0	%100
237	MP4C	X	-4.648	-4.648	0	%100
238	MP4C	Z	-8.051	-8.051	0	%100
239	MP2C	X	-4.648	-4.648	0	%100
240	MP2C	Z	-8.051	-8.051	0	%100
241	MP1C	X	-4.648	-4.648	0	%100
242	MP1C	Z	-8.051	-8.051	0	%100
243	M239A	X	-5.137	-5.137	0	%100
244	M239A	Z	-8.897	-8.897	0	%100
245	MP3B	X	-5.627	-5.627	0	%100
246	MP3B	Z	-9.746	-9.746	0	%100
247	MP4B	X	-4.648	-4.648	0	%100
248	MP4B	Z	-8.051	-8.051	0	%100
249	MP2B	X	-4.648	-4.648	0	%100
250	MP2B	Z	-8.051	-8.051	0	%100
251	MP1B	X	-4.648	-4.648	0	%100
252	MP1B	Z	-8.051	-8.051	0	%100
253	M254	X	-4.22	-4.22	0	%100
254	M254	Z	-7.309	-7.309	0	%100
255	M265	X	-4.22	-4.22	0	%100
256	M265	Z	-7.309	-7.309	0	%100
257	M276	X	0	0	0	%100
258	M276	Z	0	0	0	%100
259	M281	X	0	0	0	%100
260	M281	Z	0	0	0	%100
261	M282	X	-4.742	-4.742	0	%100
262	M282	Z	-8.213	-8.213	0	%100
263	M283	X	-4.742	-4.742	0	%100
264	M283	Z	-8.213	-8.213	0	%100
265	M284	X	-8.563	-8.563	0	%100
266	M284	Z	-14.832	-14.832	0	%100
267	M285	X	-9.746	-9.746	0	%100
268	M285	Z	-16.881	-16.881	0	%100
269	M286	X	-8.563	-8.563	0	%100
270	M286	Z	-14.832	-14.832	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	-4.424	-4.424	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	-3.623	-3.623	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-3.953	-3.953	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-3.577	-3.577	0	%100
11	MP2A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-3.577	-3.577	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-3.577	-3.577	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-3.623	-3.623	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-5.651	-5.651	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-1.041	-1.041	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-1.041	-1.041	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-1.411	-1.411	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.472	-1.472	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	-1.411	-1.411	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.472	-1.472	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-3.349	-3.349	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-.906	-.906	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-.906	-.906	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-1.413	-1.413	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-1.041	-1.041	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-4.165	-4.165	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-4.171	-4.171	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-1.411	-1.411	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-1.472	-1.472	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-4.171	-4.171	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-5.645	-5.645	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-5.89	-5.89	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-3.349	-3.349	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-.906	-.906	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-.906	-.906	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-1.413	-1.413	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-4.165	-4.165	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,%]
69	M83A	X	0	0	0	%100
70	M83A	Z	-1.041	-1.041	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-4.171	-4.171	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-5.645	-5.645	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-5.89	-5.89	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-4.171	-4.171	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-1.411	-1.411	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-1.472	-1.472	0	%100
83	M85B	X	0	0	0	%100
84	M85B	Z	-3.349	-3.349	0	%100
85	M86A	X	0	0	0	%100
86	M86A	Z	-.906	-.906	0	%100
87	M95A	X	0	0	0	%100
88	M95A	Z	-.906	-.906	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	-1.413	-1.413	0	%100
91	M99A	X	0	0	0	%100
92	M99A	Z	-1.041	-1.041	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	-4.165	-4.165	0	%100
95	M104	X	0	0	0	%100
96	M104	Z	-4.171	-4.171	0	%100
97	M105	X	0	0	0	%100
98	M105	Z	-1.411	-1.411	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-1.472	-1.472	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	-4.171	-4.171	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	-5.645	-5.645	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	-5.89	-5.89	0	%100
107	M117	X	0	0	0	%100
108	M117	Z	-3.349	-3.349	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	-.906	-.906	0	%100
111	M119	X	0	0	0	%100
112	M119	Z	-.906	-.906	0	%100
113	M120	X	0	0	0	%100
114	M120	Z	-1.413	-1.413	0	%100
115	M123	X	0	0	0	%100
116	M123	Z	-4.165	-4.165	0	%100
117	M124	X	0	0	0	%100
118	M124	Z	-1.041	-1.041	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	-4.171	-4.171	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	-5.645	-5.645	0	%100
123	M131	X	0	0	0	%100
124	M131	Z	-5.89	-5.89	0	%100
125	M133	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
126	M133	Z	-4.171	-4.171	0	%100
127	M134	X	0	0	0	%100
128	M134	Z	-1.411	-1.411	0	%100
129	M136	X	0	0	0	%100
130	M136	Z	-1.472	-1.472	0	%100
131	M141	X	0	0	0	%100
132	M141	Z	0	0	0	%100
133	M142	X	0	0	0	%100
134	M142	Z	-3.623	-3.623	0	%100
135	M143	X	0	0	0	%100
136	M143	Z	-3.623	-3.623	0	%100
137	M144	X	0	0	0	%100
138	M144	Z	-5.651	-5.651	0	%100
139	M147	X	0	0	0	%100
140	M147	Z	-1.041	-1.041	0	%100
141	M148	X	0	0	0	%100
142	M148	Z	-1.041	-1.041	0	%100
143	M152	X	0	0	0	%100
144	M152	Z	0	0	0	%100
145	M153	X	0	0	0	%100
146	M153	Z	-1.411	-1.411	0	%100
147	M155	X	0	0	0	%100
148	M155	Z	-1.472	-1.472	0	%100
149	M157	X	0	0	0	%100
150	M157	Z	0	0	0	%100
151	M158	X	0	0	0	%100
152	M158	Z	-1.411	-1.411	0	%100
153	M160	X	0	0	0	%100
154	M160	Z	-1.472	-1.472	0	%100
155	M166	X	0	0	0	%100
156	M166	Z	-4.424	-4.424	0	%100
157	M168	X	0	0	0	%100
158	M168	Z	-3.349	-3.349	0	%100
159	M169	X	0	0	0	%100
160	M169	Z	-.906	-.906	0	%100
161	M178	X	0	0	0	%100
162	M178	Z	-.906	-.906	0	%100
163	M179	X	0	0	0	%100
164	M179	Z	-1.413	-1.413	0	%100
165	M182	X	0	0	0	%100
166	M182	Z	-4.165	-4.165	0	%100
167	M183	X	0	0	0	%100
168	M183	Z	-1.041	-1.041	0	%100
169	M187	X	0	0	0	%100
170	M187	Z	-4.171	-4.171	0	%100
171	M188	X	0	0	0	%100
172	M188	Z	-5.645	-5.645	0	%100
173	M190	X	0	0	0	%100
174	M190	Z	-5.89	-5.89	0	%100
175	M192	X	0	0	0	%100
176	M192	Z	-4.171	-4.171	0	%100
177	M193	X	0	0	0	%100
178	M193	Z	-1.411	-1.411	0	%100
179	M195	X	0	0	0	%100
180	M195	Z	-1.472	-1.472	0	%100
181	M200	X	0	0	0	%100
182	M200	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,%]
183	M201	X	0	0	0	%100
184	M201	Z	-3.623	-3.623	0	%100
185	M202	X	0	0	0	%100
186	M202	Z	-3.623	-3.623	0	%100
187	M203	X	0	0	0	%100
188	M203	Z	-5.651	-5.651	0	%100
189	M206	X	0	0	0	%100
190	M206	Z	-1.041	-1.041	0	%100
191	M207	X	0	0	0	%100
192	M207	Z	-1.041	-1.041	0	%100
193	M211	X	0	0	0	%100
194	M211	Z	0	0	0	%100
195	M212	X	0	0	0	%100
196	M212	Z	-1.411	-1.411	0	%100
197	M214	X	0	0	0	%100
198	M214	Z	-1.472	-1.472	0	%100
199	M216	X	0	0	0	%100
200	M216	Z	0	0	0	%100
201	M217	X	0	0	0	%100
202	M217	Z	-1.411	-1.411	0	%100
203	M219	X	0	0	0	%100
204	M219	Z	-1.472	-1.472	0	%100
205	M224	X	0	0	0	%100
206	M224	Z	-3.349	-3.349	0	%100
207	M225	X	0	0	0	%100
208	M225	Z	-.906	-.906	0	%100
209	M226	X	0	0	0	%100
210	M226	Z	-.906	-.906	0	%100
211	M227	X	0	0	0	%100
212	M227	Z	-1.413	-1.413	0	%100
213	M230	X	0	0	0	%100
214	M230	Z	-1.041	-1.041	0	%100
215	M231	X	0	0	0	%100
216	M231	Z	-4.165	-4.165	0	%100
217	M235	X	0	0	0	%100
218	M235	Z	-4.171	-4.171	0	%100
219	M236	X	0	0	0	%100
220	M236	Z	-1.411	-1.411	0	%100
221	M238	X	0	0	0	%100
222	M238	Z	-1.472	-1.472	0	%100
223	M240	X	0	0	0	%100
224	M240	Z	-4.171	-4.171	0	%100
225	M241	X	0	0	0	%100
226	M241	Z	-5.645	-5.645	0	%100
227	M243	X	0	0	0	%100
228	M243	Z	-5.89	-5.89	0	%100
229	M248	X	0	0	0	%100
230	M248	Z	-4.424	-4.424	0	%100
231	M250	X	0	0	0	%100
232	M250	Z	-3.577	-3.577	0	%100
233	M230A	X	0	0	0	%100
234	M230A	Z	-1.106	-1.106	0	%100
235	MP3C	X	0	0	0	%100
236	MP3C	Z	-3.953	-3.953	0	%100
237	MP4C	X	0	0	0	%100
238	MP4C	Z	-3.577	-3.577	0	%100
239	MP2C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
240	MP2C	Z	-3.577	-3.577	0	%100
241	MP1C	X	0	0	0	%100
242	MP1C	Z	-3.577	-3.577	0	%100
243	M239A	X	0	0	0	%100
244	M239A	Z	-1.106	-1.106	0	%100
245	MP3B	X	0	0	0	%100
246	MP3B	Z	-3.953	-3.953	0	%100
247	MP4B	X	0	0	0	%100
248	MP4B	Z	-3.577	-3.577	0	%100
249	MP2B	X	0	0	0	%100
250	MP2B	Z	-3.577	-3.577	0	%100
251	MP1B	X	0	0	0	%100
252	MP1B	Z	-3.577	-3.577	0	%100
253	M254	X	0	0	0	%100
254	M254	Z	-.988	-.988	0	%100
255	M265	X	0	0	0	%100
256	M265	Z	-3.953	-3.953	0	%100
257	M276	X	0	0	0	%100
258	M276	Z	-.988	-.988	0	%100
259	M281	X	0	0	0	%100
260	M281	Z	-.896	-.896	0	%100
261	M282	X	0	0	0	%100
262	M282	Z	-3.584	-3.584	0	%100
263	M283	X	0	0	0	%100
264	M283	Z	-.896	-.896	0	%100
265	M284	X	0	0	0	%100
266	M284	Z	-4.088	-4.088	0	%100
267	M285	X	0	0	0	%100
268	M285	Z	-5.176	-5.176	0	%100
269	M286	X	0	0	0	%100
270	M286	Z	-5.176	-5.176	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	1.659	1.659	0	%100
2	M1	Z	-2.873	-2.873	0	%100
3	M4	X	.558	.558	0	%100
4	M4	Z	-.967	-.967	0	%100
5	M10	X	1.359	1.359	0	%100
6	M10	Z	-2.353	-2.353	0	%100
7	MP3A	X	1.977	1.977	0	%100
8	MP3A	Z	-3.424	-3.424	0	%100
9	MP4A	X	1.788	1.788	0	%100
10	MP4A	Z	-3.097	-3.097	0	%100
11	MP2A	X	1.788	1.788	0	%100
12	MP2A	Z	-3.097	-3.097	0	%100
13	MP1A	X	1.788	1.788	0	%100
14	MP1A	Z	-3.097	-3.097	0	%100
15	M43	X	1.359	1.359	0	%100
16	M43	Z	-2.353	-2.353	0	%100
17	M46	X	2.119	2.119	0	%100
18	M46	Z	-3.67	-3.67	0	%100
19	M51B	X	1.562	1.562	0	%100
20	M51B	Z	-2.706	-2.706	0	%100
21	M52B	X	0	0	0	%100
22	M52B	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,%]
23	M76	X	.695	.695	0	%100
24	M76	Z	-1.204	-1.204	0	%100
25	M77	X	2.117	2.117	0	%100
26	M77	Z	-3.666	-3.666	0	%100
27	M80	X	2.209	2.209	0	%100
28	M80	Z	-3.826	-3.826	0	%100
29	M84	X	.695	.695	0	%100
30	M84	Z	-1.204	-1.204	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.558	.558	0	%100
36	M52A	Z	-.967	-.967	0	%100
37	M53	X	1.359	1.359	0	%100
38	M53	Z	-2.353	-2.353	0	%100
39	M54	X	1.359	1.359	0	%100
40	M54	Z	-2.353	-2.353	0	%100
41	M55	X	2.119	2.119	0	%100
42	M55	Z	-3.67	-3.67	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	1.562	1.562	0	%100
46	M59A	Z	-2.706	-2.706	0	%100
47	M63	X	.695	.695	0	%100
48	M63	Z	-1.204	-1.204	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.695	.695	0	%100
54	M68	Z	-1.204	-1.204	0	%100
55	M69	X	2.117	2.117	0	%100
56	M69	Z	-3.666	-3.666	0	%100
57	M71	X	2.209	2.209	0	%100
58	M71	Z	-3.826	-3.826	0	%100
59	M76A	X	2.233	2.233	0	%100
60	M76A	Z	-3.867	-3.867	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	1.562	1.562	0	%100
68	M82	Z	-2.706	-2.706	0	%100
69	M83A	X	1.562	1.562	0	%100
70	M83A	Z	-2.706	-2.706	0	%100
71	M87	X	2.781	2.781	0	%100
72	M87	Z	-4.816	-4.816	0	%100
73	M88A	X	2.117	2.117	0	%100
74	M88A	Z	-3.666	-3.666	0	%100
75	M90	X	2.209	2.209	0	%100
76	M90	Z	-3.826	-3.826	0	%100
77	M92A	X	2.781	2.781	0	%100
78	M92A	Z	-4.816	-4.816	0	%100
79	M93	X	2.117	2.117	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,%]
80	M93	Z	-3.666	-3.666	0	%100
81	M95	X	2.209	2.209	0	%100
82	M95	Z	-3.826	-3.826	0	%100
83	M85B	X	.558	.558	0	%100
84	M85B	Z	-.967	-.967	0	%100
85	M86A	X	1.359	1.359	0	%100
86	M86A	Z	-2.353	-2.353	0	%100
87	M95A	X	1.359	1.359	0	%100
88	M95A	Z	-2.353	-2.353	0	%100
89	M96A	X	2.119	2.119	0	%100
90	M96A	Z	-3.67	-3.67	0	%100
91	M99A	X	0	0	0	%100
92	M99A	Z	0	0	0	%100
93	M100	X	1.562	1.562	0	%100
94	M100	Z	-2.706	-2.706	0	%100
95	M104	X	.695	.695	0	%100
96	M104	Z	-1.204	-1.204	0	%100
97	M105	X	0	0	0	%100
98	M105	Z	0	0	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M109	X	.695	.695	0	%100
102	M109	Z	-1.204	-1.204	0	%100
103	M110	X	2.117	2.117	0	%100
104	M110	Z	-3.666	-3.666	0	%100
105	M112	X	2.209	2.209	0	%100
106	M112	Z	-3.826	-3.826	0	%100
107	M117	X	2.233	2.233	0	%100
108	M117	Z	-3.867	-3.867	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	0	0	0	%100
111	M119	X	0	0	0	%100
112	M119	Z	0	0	0	%100
113	M120	X	0	0	0	%100
114	M120	Z	0	0	0	%100
115	M123	X	1.562	1.562	0	%100
116	M123	Z	-2.706	-2.706	0	%100
117	M124	X	1.562	1.562	0	%100
118	M124	Z	-2.706	-2.706	0	%100
119	M128	X	2.781	2.781	0	%100
120	M128	Z	-4.816	-4.816	0	%100
121	M129	X	2.117	2.117	0	%100
122	M129	Z	-3.666	-3.666	0	%100
123	M131	X	2.209	2.209	0	%100
124	M131	Z	-3.826	-3.826	0	%100
125	M133	X	2.781	2.781	0	%100
126	M133	Z	-4.816	-4.816	0	%100
127	M134	X	2.117	2.117	0	%100
128	M134	Z	-3.666	-3.666	0	%100
129	M136	X	2.209	2.209	0	%100
130	M136	Z	-3.826	-3.826	0	%100
131	M141	X	.558	.558	0	%100
132	M141	Z	-.967	-.967	0	%100
133	M142	X	1.359	1.359	0	%100
134	M142	Z	-2.353	-2.353	0	%100
135	M143	X	1.359	1.359	0	%100
136	M143	Z	-2.353	-2.353	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,%]
137	M144	X	2.119	2.119	0	%100
138	M144	Z	-3.67	-3.67	0	%100
139	M147	X	1.562	1.562	0	%100
140	M147	Z	-2.706	-2.706	0	%100
141	M148	X	0	0	0	%100
142	M148	Z	0	0	0	%100
143	M152	X	.695	.695	0	%100
144	M152	Z	-1.204	-1.204	0	%100
145	M153	X	2.117	2.117	0	%100
146	M153	Z	-3.666	-3.666	0	%100
147	M155	X	2.209	2.209	0	%100
148	M155	Z	-3.826	-3.826	0	%100
149	M157	X	.695	.695	0	%100
150	M157	Z	-1.204	-1.204	0	%100
151	M158	X	0	0	0	%100
152	M158	Z	0	0	0	%100
153	M160	X	0	0	0	%100
154	M160	Z	0	0	0	%100
155	M166	X	1.659	1.659	0	%100
156	M166	Z	-2.873	-2.873	0	%100
157	M168	X	2.233	2.233	0	%100
158	M168	Z	-3.867	-3.867	0	%100
159	M169	X	0	0	0	%100
160	M169	Z	0	0	0	%100
161	M178	X	0	0	0	%100
162	M178	Z	0	0	0	%100
163	M179	X	0	0	0	%100
164	M179	Z	0	0	0	%100
165	M182	X	1.562	1.562	0	%100
166	M182	Z	-2.706	-2.706	0	%100
167	M183	X	1.562	1.562	0	%100
168	M183	Z	-2.706	-2.706	0	%100
169	M187	X	2.781	2.781	0	%100
170	M187	Z	-4.816	-4.816	0	%100
171	M188	X	2.117	2.117	0	%100
172	M188	Z	-3.666	-3.666	0	%100
173	M190	X	2.209	2.209	0	%100
174	M190	Z	-3.826	-3.826	0	%100
175	M192	X	2.781	2.781	0	%100
176	M192	Z	-4.816	-4.816	0	%100
177	M193	X	2.117	2.117	0	%100
178	M193	Z	-3.666	-3.666	0	%100
179	M195	X	2.209	2.209	0	%100
180	M195	Z	-3.826	-3.826	0	%100
181	M200	X	.558	.558	0	%100
182	M200	Z	-.967	-.967	0	%100
183	M201	X	1.359	1.359	0	%100
184	M201	Z	-2.353	-2.353	0	%100
185	M202	X	1.359	1.359	0	%100
186	M202	Z	-2.353	-2.353	0	%100
187	M203	X	2.119	2.119	0	%100
188	M203	Z	-3.67	-3.67	0	%100
189	M206	X	1.562	1.562	0	%100
190	M206	Z	-2.706	-2.706	0	%100
191	M207	X	0	0	0	%100
192	M207	Z	0	0	0	%100
193	M211	X	.695	.695	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,%]
194	M211	Z	-1.204	-1.204	0	%100
195	M212	X	2.117	2.117	0	%100
196	M212	Z	-3.666	-3.666	0	%100
197	M214	X	2.209	2.209	0	%100
198	M214	Z	-3.826	-3.826	0	%100
199	M216	X	.695	.695	0	%100
200	M216	Z	-1.204	-1.204	0	%100
201	M217	X	0	0	0	%100
202	M217	Z	0	0	0	%100
203	M219	X	0	0	0	%100
204	M219	Z	0	0	0	%100
205	M224	X	.558	.558	0	%100
206	M224	Z	-.967	-.967	0	%100
207	M225	X	1.359	1.359	0	%100
208	M225	Z	-2.353	-2.353	0	%100
209	M226	X	1.359	1.359	0	%100
210	M226	Z	-2.353	-2.353	0	%100
211	M227	X	2.119	2.119	0	%100
212	M227	Z	-3.67	-3.67	0	%100
213	M230	X	0	0	0	%100
214	M230	Z	0	0	0	%100
215	M231	X	1.562	1.562	0	%100
216	M231	Z	-2.706	-2.706	0	%100
217	M235	X	.695	.695	0	%100
218	M235	Z	-1.204	-1.204	0	%100
219	M236	X	0	0	0	%100
220	M236	Z	0	0	0	%100
221	M238	X	0	0	0	%100
222	M238	Z	0	0	0	%100
223	M240	X	.695	.695	0	%100
224	M240	Z	-1.204	-1.204	0	%100
225	M241	X	2.117	2.117	0	%100
226	M241	Z	-3.666	-3.666	0	%100
227	M243	X	2.209	2.209	0	%100
228	M243	Z	-3.826	-3.826	0	%100
229	M248	X	1.659	1.659	0	%100
230	M248	Z	-2.873	-2.873	0	%100
231	M250	X	1.788	1.788	0	%100
232	M250	Z	-3.097	-3.097	0	%100
233	M230A	X	1.659	1.659	0	%100
234	M230A	Z	-2.873	-2.873	0	%100
235	MP3C	X	1.977	1.977	0	%100
236	MP3C	Z	-3.424	-3.424	0	%100
237	MP4C	X	1.788	1.788	0	%100
238	MP4C	Z	-3.097	-3.097	0	%100
239	MP2C	X	1.788	1.788	0	%100
240	MP2C	Z	-3.097	-3.097	0	%100
241	MP1C	X	1.788	1.788	0	%100
242	MP1C	Z	-3.097	-3.097	0	%100
243	M239A	X	0	0	0	%100
244	M239A	Z	0	0	0	%100
245	MP3B	X	1.977	1.977	0	%100
246	MP3B	Z	-3.424	-3.424	0	%100
247	MP4B	X	1.788	1.788	0	%100
248	MP4B	Z	-3.097	-3.097	0	%100
249	MP2B	X	1.788	1.788	0	%100
250	MP2B	Z	-3.097	-3.097	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,%]
251	MP1B	X	1.788	1.788	0	%100
252	MP1B	Z	-3.097	-3.097	0	%100
253	M254	X	0	0	0	%100
254	M254	Z	0	0	0	%100
255	M265	X	1.482	1.482	0	%100
256	M265	Z	-2.568	-2.568	0	%100
257	M276	X	1.482	1.482	0	%100
258	M276	Z	-2.568	-2.568	0	%100
259	M281	X	1.344	1.344	0	%100
260	M281	Z	-2.328	-2.328	0	%100
261	M282	X	1.344	1.344	0	%100
262	M282	Z	-2.328	-2.328	0	%100
263	M283	X	0	0	0	%100
264	M283	Z	0	0	0	%100
265	M284	X	2.225	2.225	0	%100
266	M284	Z	-3.854	-3.854	0	%100
267	M285	X	2.225	2.225	0	%100
268	M285	Z	-3.854	-3.854	0	%100
269	M286	X	2.769	2.769	0	%100
270	M286	Z	-4.796	-4.796	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	.958	.958	0	%100
2	M1	Z	-.553	-.553	0	%100
3	M4	X	2.9	2.9	0	%100
4	M4	Z	-1.674	-1.674	0	%100
5	M10	X	.784	.784	0	%100
6	M10	Z	-.453	-.453	0	%100
7	MP3A	X	3.424	3.424	0	%100
8	MP3A	Z	-1.977	-1.977	0	%100
9	MP4A	X	3.097	3.097	0	%100
10	MP4A	Z	-1.788	-1.788	0	%100
11	MP2A	X	3.097	3.097	0	%100
12	MP2A	Z	-1.788	-1.788	0	%100
13	MP1A	X	3.097	3.097	0	%100
14	MP1A	Z	-1.788	-1.788	0	%100
15	M43	X	.784	.784	0	%100
16	M43	Z	-.453	-.453	0	%100
17	M46	X	1.223	1.223	0	%100
18	M46	Z	-.706	-.706	0	%100
19	M51B	X	3.607	3.607	0	%100
20	M51B	Z	-2.083	-2.083	0	%100
21	M52B	X	.902	.902	0	%100
22	M52B	Z	-.521	-.521	0	%100
23	M76	X	3.612	3.612	0	%100
24	M76	Z	-2.085	-2.085	0	%100
25	M77	X	4.888	4.888	0	%100
26	M77	Z	-2.822	-2.822	0	%100
27	M80	X	5.101	5.101	0	%100
28	M80	Z	-2.945	-2.945	0	%100
29	M84	X	3.612	3.612	0	%100
30	M84	Z	-2.085	-2.085	0	%100
31	M85	X	1.222	1.222	0	%100
32	M85	Z	-.706	-.706	0	%100
33	M91	X	1.275	1.275	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,%]
34	M91	Z	-.736	-.736	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	3.137	3.137	0	%100
38	M53	Z	-1.811	-1.811	0	%100
39	M54	X	3.137	3.137	0	%100
40	M54	Z	-1.811	-1.811	0	%100
41	M55	X	4.894	4.894	0	%100
42	M55	Z	-2.825	-2.825	0	%100
43	M58A	X	.902	.902	0	%100
44	M58A	Z	-.521	-.521	0	%100
45	M59A	X	.902	.902	0	%100
46	M59A	Z	-.521	-.521	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	1.222	1.222	0	%100
50	M64	Z	-.706	-.706	0	%100
51	M66	X	1.275	1.275	0	%100
52	M66	Z	-.736	-.736	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	1.222	1.222	0	%100
56	M69	Z	-.706	-.706	0	%100
57	M71	X	1.275	1.275	0	%100
58	M71	Z	-.736	-.736	0	%100
59	M76A	X	2.9	2.9	0	%100
60	M76A	Z	-1.674	-1.674	0	%100
61	M77A	X	.784	.784	0	%100
62	M77A	Z	-.453	-.453	0	%100
63	M78	X	.784	.784	0	%100
64	M78	Z	-.453	-.453	0	%100
65	M79A	X	1.223	1.223	0	%100
66	M79A	Z	-.706	-.706	0	%100
67	M82	X	.902	.902	0	%100
68	M82	Z	-.521	-.521	0	%100
69	M83A	X	3.607	3.607	0	%100
70	M83A	Z	-2.083	-2.083	0	%100
71	M87	X	3.612	3.612	0	%100
72	M87	Z	-2.085	-2.085	0	%100
73	M88A	X	1.222	1.222	0	%100
74	M88A	Z	-.706	-.706	0	%100
75	M90	X	1.275	1.275	0	%100
76	M90	Z	-.736	-.736	0	%100
77	M92A	X	3.612	3.612	0	%100
78	M92A	Z	-2.085	-2.085	0	%100
79	M93	X	4.888	4.888	0	%100
80	M93	Z	-2.822	-2.822	0	%100
81	M95	X	5.101	5.101	0	%100
82	M95	Z	-2.945	-2.945	0	%100
83	M85B	X	0	0	0	%100
84	M85B	Z	0	0	0	%100
85	M86A	X	3.137	3.137	0	%100
86	M86A	Z	-1.811	-1.811	0	%100
87	M95A	X	3.137	3.137	0	%100
88	M95A	Z	-1.811	-1.811	0	%100
89	M96A	X	4.894	4.894	0	%100
90	M96A	Z	-2.825	-2.825	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,%]
91	M99A	X	.902	.902	0	%100
92	M99A	Z	-.521	-.521	0	%100
93	M100	X	.902	.902	0	%100
94	M100	Z	-.521	-.521	0	%100
95	M104	X	0	0	0	%100
96	M104	Z	0	0	0	%100
97	M105	X	1.222	1.222	0	%100
98	M105	Z	-.706	-.706	0	%100
99	M107	X	1.275	1.275	0	%100
100	M107	Z	-.736	-.736	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	1.222	1.222	0	%100
104	M110	Z	-.706	-.706	0	%100
105	M112	X	1.275	1.275	0	%100
106	M112	Z	-.736	-.736	0	%100
107	M117	X	2.9	2.9	0	%100
108	M117	Z	-1.674	-1.674	0	%100
109	M118	X	.784	.784	0	%100
110	M118	Z	-.453	-.453	0	%100
111	M119	X	.784	.784	0	%100
112	M119	Z	-.453	-.453	0	%100
113	M120	X	1.223	1.223	0	%100
114	M120	Z	-.706	-.706	0	%100
115	M123	X	.902	.902	0	%100
116	M123	Z	-.521	-.521	0	%100
117	M124	X	3.607	3.607	0	%100
118	M124	Z	-2.083	-2.083	0	%100
119	M128	X	3.612	3.612	0	%100
120	M128	Z	-2.085	-2.085	0	%100
121	M129	X	1.222	1.222	0	%100
122	M129	Z	-.706	-.706	0	%100
123	M131	X	1.275	1.275	0	%100
124	M131	Z	-.736	-.736	0	%100
125	M133	X	3.612	3.612	0	%100
126	M133	Z	-2.085	-2.085	0	%100
127	M134	X	4.888	4.888	0	%100
128	M134	Z	-2.822	-2.822	0	%100
129	M136	X	5.101	5.101	0	%100
130	M136	Z	-2.945	-2.945	0	%100
131	M141	X	2.9	2.9	0	%100
132	M141	Z	-1.674	-1.674	0	%100
133	M142	X	.784	.784	0	%100
134	M142	Z	-.453	-.453	0	%100
135	M143	X	.784	.784	0	%100
136	M143	Z	-.453	-.453	0	%100
137	M144	X	1.223	1.223	0	%100
138	M144	Z	-.706	-.706	0	%100
139	M147	X	3.607	3.607	0	%100
140	M147	Z	-2.083	-2.083	0	%100
141	M148	X	.902	.902	0	%100
142	M148	Z	-.521	-.521	0	%100
143	M152	X	3.612	3.612	0	%100
144	M152	Z	-2.085	-2.085	0	%100
145	M153	X	4.888	4.888	0	%100
146	M153	Z	-2.822	-2.822	0	%100
147	M155	X	5.101	5.101	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,%]
148	M155	Z	-2.945	-2.945	0	%100
149	M157	X	3.612	3.612	0	%100
150	M157	Z	-2.085	-2.085	0	%100
151	M158	X	1.222	1.222	0	%100
152	M158	Z	-.706	-.706	0	%100
153	M160	X	1.275	1.275	0	%100
154	M160	Z	-.736	-.736	0	%100
155	M166	X	.958	.958	0	%100
156	M166	Z	-.553	-.553	0	%100
157	M168	X	2.9	2.9	0	%100
158	M168	Z	-1.674	-1.674	0	%100
159	M169	X	.784	.784	0	%100
160	M169	Z	-.453	-.453	0	%100
161	M178	X	.784	.784	0	%100
162	M178	Z	-.453	-.453	0	%100
163	M179	X	1.223	1.223	0	%100
164	M179	Z	-.706	-.706	0	%100
165	M182	X	.902	.902	0	%100
166	M182	Z	-.521	-.521	0	%100
167	M183	X	3.607	3.607	0	%100
168	M183	Z	-2.083	-2.083	0	%100
169	M187	X	3.612	3.612	0	%100
170	M187	Z	-2.085	-2.085	0	%100
171	M188	X	1.222	1.222	0	%100
172	M188	Z	-.706	-.706	0	%100
173	M190	X	1.275	1.275	0	%100
174	M190	Z	-.736	-.736	0	%100
175	M192	X	3.612	3.612	0	%100
176	M192	Z	-2.085	-2.085	0	%100
177	M193	X	4.888	4.888	0	%100
178	M193	Z	-2.822	-2.822	0	%100
179	M195	X	5.101	5.101	0	%100
180	M195	Z	-2.945	-2.945	0	%100
181	M200	X	2.9	2.9	0	%100
182	M200	Z	-1.674	-1.674	0	%100
183	M201	X	.784	.784	0	%100
184	M201	Z	-.453	-.453	0	%100
185	M202	X	.784	.784	0	%100
186	M202	Z	-.453	-.453	0	%100
187	M203	X	1.223	1.223	0	%100
188	M203	Z	-.706	-.706	0	%100
189	M206	X	3.607	3.607	0	%100
190	M206	Z	-2.083	-2.083	0	%100
191	M207	X	.902	.902	0	%100
192	M207	Z	-.521	-.521	0	%100
193	M211	X	3.612	3.612	0	%100
194	M211	Z	-2.085	-2.085	0	%100
195	M212	X	4.888	4.888	0	%100
196	M212	Z	-2.822	-2.822	0	%100
197	M214	X	5.101	5.101	0	%100
198	M214	Z	-2.945	-2.945	0	%100
199	M216	X	3.612	3.612	0	%100
200	M216	Z	-2.085	-2.085	0	%100
201	M217	X	1.222	1.222	0	%100
202	M217	Z	-.706	-.706	0	%100
203	M219	X	1.275	1.275	0	%100
204	M219	Z	-.736	-.736	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,%]
205	M224	X	0	0	0	%100
206	M224	Z	0	0	0	%100
207	M225	X	3.137	3.137	0	%100
208	M225	Z	-1.811	-1.811	0	%100
209	M226	X	3.137	3.137	0	%100
210	M226	Z	-1.811	-1.811	0	%100
211	M227	X	4.894	4.894	0	%100
212	M227	Z	-2.825	-2.825	0	%100
213	M230	X	.902	.902	0	%100
214	M230	Z	-.521	-.521	0	%100
215	M231	X	.902	.902	0	%100
216	M231	Z	-.521	-.521	0	%100
217	M235	X	0	0	0	%100
218	M235	Z	0	0	0	%100
219	M236	X	1.222	1.222	0	%100
220	M236	Z	-.706	-.706	0	%100
221	M238	X	1.275	1.275	0	%100
222	M238	Z	-.736	-.736	0	%100
223	M240	X	0	0	0	%100
224	M240	Z	0	0	0	%100
225	M241	X	1.222	1.222	0	%100
226	M241	Z	-.706	-.706	0	%100
227	M243	X	1.275	1.275	0	%100
228	M243	Z	-.736	-.736	0	%100
229	M248	X	.958	.958	0	%100
230	M248	Z	-.553	-.553	0	%100
231	M250	X	3.097	3.097	0	%100
232	M250	Z	-1.788	-1.788	0	%100
233	M230A	X	3.831	3.831	0	%100
234	M230A	Z	-2.212	-2.212	0	%100
235	MP3C	X	3.424	3.424	0	%100
236	MP3C	Z	-1.977	-1.977	0	%100
237	MP4C	X	3.097	3.097	0	%100
238	MP4C	Z	-1.788	-1.788	0	%100
239	MP2C	X	3.097	3.097	0	%100
240	MP2C	Z	-1.788	-1.788	0	%100
241	MP1C	X	3.097	3.097	0	%100
242	MP1C	Z	-1.788	-1.788	0	%100
243	M239A	X	.958	.958	0	%100
244	M239A	Z	-.553	-.553	0	%100
245	MP3B	X	3.424	3.424	0	%100
246	MP3B	Z	-1.977	-1.977	0	%100
247	MP4B	X	3.097	3.097	0	%100
248	MP4B	Z	-1.788	-1.788	0	%100
249	MP2B	X	3.097	3.097	0	%100
250	MP2B	Z	-1.788	-1.788	0	%100
251	MP1B	X	3.097	3.097	0	%100
252	MP1B	Z	-1.788	-1.788	0	%100
253	M254	X	.856	.856	0	%100
254	M254	Z	-.494	-.494	0	%100
255	M265	X	.856	.856	0	%100
256	M265	Z	-.494	-.494	0	%100
257	M276	X	3.424	3.424	0	%100
258	M276	Z	-1.977	-1.977	0	%100
259	M281	X	3.104	3.104	0	%100
260	M281	Z	-1.792	-1.792	0	%100
261	M282	X	.776	.776	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,%]
262	M282	Z	-.448	-.448	0	%100
263	M283	X	.776	.776	0	%100
264	M283	Z	-.448	-.448	0	%100
265	M284	X	4.482	4.482	0	%100
266	M284	Z	-2.588	-2.588	0	%100
267	M285	X	3.54	3.54	0	%100
268	M285	Z	-2.044	-2.044	0	%100
269	M286	X	4.482	4.482	0	%100
270	M286	Z	-2.588	-2.588	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	4.465	4.465	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	3.953	3.953	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	3.577	3.577	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	3.577	3.577	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	3.577	3.577	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	3.124	3.124	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	3.124	3.124	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	5.561	5.561	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	4.234	4.234	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	4.417	4.417	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	5.561	5.561	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	4.234	4.234	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	4.417	4.417	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	1.116	1.116	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	2.717	2.717	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	2.717	2.717	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	4.238	4.238	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	3.124	3.124	0	%100
44	M58A	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,%]
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	1.39	1.39	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	4.234	4.234	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	4.417	4.417	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	1.39	1.39	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	1.116	1.116	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	2.717	2.717	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	2.717	2.717	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	4.238	4.238	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	3.124	3.124	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	1.39	1.39	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	1.39	1.39	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	4.234	4.234	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	4.417	4.417	0	%100
82	M95	Z	0	0	0	%100
83	M85B	X	1.116	1.116	0	%100
84	M85B	Z	0	0	0	%100
85	M86A	X	2.717	2.717	0	%100
86	M86A	Z	0	0	0	%100
87	M95A	X	2.717	2.717	0	%100
88	M95A	Z	0	0	0	%100
89	M96A	X	4.238	4.238	0	%100
90	M96A	Z	0	0	0	%100
91	M99A	X	3.124	3.124	0	%100
92	M99A	Z	0	0	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	0	0	0	%100
95	M104	X	1.39	1.39	0	%100
96	M104	Z	0	0	0	%100
97	M105	X	4.234	4.234	0	%100
98	M105	Z	0	0	0	%100
99	M107	X	4.417	4.417	0	%100
100	M107	Z	0	0	0	%100
101	M109	X	1.39	1.39	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,%]
102	M109	Z	0	0	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	0	0	0	%100
107	M117	X	1.116	1.116	0	%100
108	M117	Z	0	0	0	%100
109	M118	X	2.717	2.717	0	%100
110	M118	Z	0	0	0	%100
111	M119	X	2.717	2.717	0	%100
112	M119	Z	0	0	0	%100
113	M120	X	4.238	4.238	0	%100
114	M120	Z	0	0	0	%100
115	M123	X	0	0	0	%100
116	M123	Z	0	0	0	%100
117	M124	X	3.124	3.124	0	%100
118	M124	Z	0	0	0	%100
119	M128	X	1.39	1.39	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	0	0	0	%100
123	M131	X	0	0	0	%100
124	M131	Z	0	0	0	%100
125	M133	X	1.39	1.39	0	%100
126	M133	Z	0	0	0	%100
127	M134	X	4.234	4.234	0	%100
128	M134	Z	0	0	0	%100
129	M136	X	4.417	4.417	0	%100
130	M136	Z	0	0	0	%100
131	M141	X	4.465	4.465	0	%100
132	M141	Z	0	0	0	%100
133	M142	X	0	0	0	%100
134	M142	Z	0	0	0	%100
135	M143	X	0	0	0	%100
136	M143	Z	0	0	0	%100
137	M144	X	0	0	0	%100
138	M144	Z	0	0	0	%100
139	M147	X	3.124	3.124	0	%100
140	M147	Z	0	0	0	%100
141	M148	X	3.124	3.124	0	%100
142	M148	Z	0	0	0	%100
143	M152	X	5.561	5.561	0	%100
144	M152	Z	0	0	0	%100
145	M153	X	4.234	4.234	0	%100
146	M153	Z	0	0	0	%100
147	M155	X	4.417	4.417	0	%100
148	M155	Z	0	0	0	%100
149	M157	X	5.561	5.561	0	%100
150	M157	Z	0	0	0	%100
151	M158	X	4.234	4.234	0	%100
152	M158	Z	0	0	0	%100
153	M160	X	4.417	4.417	0	%100
154	M160	Z	0	0	0	%100
155	M166	X	0	0	0	%100
156	M166	Z	0	0	0	%100
157	M168	X	1.116	1.116	0	%100
158	M168	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,%]
159	M169	X	2.717	2.717	0	%100
160	M169	Z	0	0	0	%100
161	M178	X	2.717	2.717	0	%100
162	M178	Z	0	0	0	%100
163	M179	X	4.238	4.238	0	%100
164	M179	Z	0	0	0	%100
165	M182	X	0	0	0	%100
166	M182	Z	0	0	0	%100
167	M183	X	3.124	3.124	0	%100
168	M183	Z	0	0	0	%100
169	M187	X	1.39	1.39	0	%100
170	M187	Z	0	0	0	%100
171	M188	X	0	0	0	%100
172	M188	Z	0	0	0	%100
173	M190	X	0	0	0	%100
174	M190	Z	0	0	0	%100
175	M192	X	1.39	1.39	0	%100
176	M192	Z	0	0	0	%100
177	M193	X	4.234	4.234	0	%100
178	M193	Z	0	0	0	%100
179	M195	X	4.417	4.417	0	%100
180	M195	Z	0	0	0	%100
181	M200	X	4.465	4.465	0	%100
182	M200	Z	0	0	0	%100
183	M201	X	0	0	0	%100
184	M201	Z	0	0	0	%100
185	M202	X	0	0	0	%100
186	M202	Z	0	0	0	%100
187	M203	X	0	0	0	%100
188	M203	Z	0	0	0	%100
189	M206	X	3.124	3.124	0	%100
190	M206	Z	0	0	0	%100
191	M207	X	3.124	3.124	0	%100
192	M207	Z	0	0	0	%100
193	M211	X	5.561	5.561	0	%100
194	M211	Z	0	0	0	%100
195	M212	X	4.234	4.234	0	%100
196	M212	Z	0	0	0	%100
197	M214	X	4.417	4.417	0	%100
198	M214	Z	0	0	0	%100
199	M216	X	5.561	5.561	0	%100
200	M216	Z	0	0	0	%100
201	M217	X	4.234	4.234	0	%100
202	M217	Z	0	0	0	%100
203	M219	X	4.417	4.417	0	%100
204	M219	Z	0	0	0	%100
205	M224	X	1.116	1.116	0	%100
206	M224	Z	0	0	0	%100
207	M225	X	2.717	2.717	0	%100
208	M225	Z	0	0	0	%100
209	M226	X	2.717	2.717	0	%100
210	M226	Z	0	0	0	%100
211	M227	X	4.238	4.238	0	%100
212	M227	Z	0	0	0	%100
213	M230	X	3.124	3.124	0	%100
214	M230	Z	0	0	0	%100
215	M231	X	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,%]
216	M231	Z	0	0	0	%100
217	M235	X	1.39	1.39	0	%100
218	M235	Z	0	0	0	%100
219	M236	X	4.234	4.234	0	%100
220	M236	Z	0	0	0	%100
221	M238	X	4.417	4.417	0	%100
222	M238	Z	0	0	0	%100
223	M240	X	1.39	1.39	0	%100
224	M240	Z	0	0	0	%100
225	M241	X	0	0	0	%100
226	M241	Z	0	0	0	%100
227	M243	X	0	0	0	%100
228	M243	Z	0	0	0	%100
229	M248	X	0	0	0	%100
230	M248	Z	0	0	0	%100
231	M250	X	3.577	3.577	0	%100
232	M250	Z	0	0	0	%100
233	M230A	X	3.318	3.318	0	%100
234	M230A	Z	0	0	0	%100
235	MP3C	X	3.953	3.953	0	%100
236	MP3C	Z	0	0	0	%100
237	MP4C	X	3.577	3.577	0	%100
238	MP4C	Z	0	0	0	%100
239	MP2C	X	3.577	3.577	0	%100
240	MP2C	Z	0	0	0	%100
241	MP1C	X	3.577	3.577	0	%100
242	MP1C	Z	0	0	0	%100
243	M239A	X	3.318	3.318	0	%100
244	M239A	Z	0	0	0	%100
245	MP3B	X	3.953	3.953	0	%100
246	MP3B	Z	0	0	0	%100
247	MP4B	X	3.577	3.577	0	%100
248	MP4B	Z	0	0	0	%100
249	MP2B	X	3.577	3.577	0	%100
250	MP2B	Z	0	0	0	%100
251	MP1B	X	3.577	3.577	0	%100
252	MP1B	Z	0	0	0	%100
253	M254	X	2.965	2.965	0	%100
254	M254	Z	0	0	0	%100
255	M265	X	0	0	0	%100
256	M265	Z	0	0	0	%100
257	M276	X	2.965	2.965	0	%100
258	M276	Z	0	0	0	%100
259	M281	X	2.688	2.688	0	%100
260	M281	Z	0	0	0	%100
261	M282	X	0	0	0	%100
262	M282	Z	0	0	0	%100
263	M283	X	2.688	2.688	0	%100
264	M283	Z	0	0	0	%100
265	M284	X	5.538	5.538	0	%100
266	M284	Z	0	0	0	%100
267	M285	X	4.45	4.45	0	%100
268	M285	Z	0	0	0	%100
269	M286	X	4.45	4.45	0	%100
270	M286	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	.958	.958	0	%100
2	M1	Z	.553	.553	0	%100
3	M4	X	2.9	2.9	0	%100
4	M4	Z	1.674	1.674	0	%100
5	M10	X	.784	.784	0	%100
6	M10	Z	.453	.453	0	%100
7	MP3A	X	3.424	3.424	0	%100
8	MP3A	Z	1.977	1.977	0	%100
9	MP4A	X	3.097	3.097	0	%100
10	MP4A	Z	1.788	1.788	0	%100
11	MP2A	X	3.097	3.097	0	%100
12	MP2A	Z	1.788	1.788	0	%100
13	MP1A	X	3.097	3.097	0	%100
14	MP1A	Z	1.788	1.788	0	%100
15	M43	X	.784	.784	0	%100
16	M43	Z	.453	.453	0	%100
17	M46	X	1.223	1.223	0	%100
18	M46	Z	.706	.706	0	%100
19	M51B	X	.902	.902	0	%100
20	M51B	Z	.521	.521	0	%100
21	M52B	X	3.607	3.607	0	%100
22	M52B	Z	2.083	2.083	0	%100
23	M76	X	3.612	3.612	0	%100
24	M76	Z	2.085	2.085	0	%100
25	M77	X	1.222	1.222	0	%100
26	M77	Z	.706	.706	0	%100
27	M80	X	1.275	1.275	0	%100
28	M80	Z	.736	.736	0	%100
29	M84	X	3.612	3.612	0	%100
30	M84	Z	2.085	2.085	0	%100
31	M85	X	4.888	4.888	0	%100
32	M85	Z	2.822	2.822	0	%100
33	M91	X	5.101	5.101	0	%100
34	M91	Z	2.945	2.945	0	%100
35	M52A	X	2.9	2.9	0	%100
36	M52A	Z	1.674	1.674	0	%100
37	M53	X	.784	.784	0	%100
38	M53	Z	.453	.453	0	%100
39	M54	X	.784	.784	0	%100
40	M54	Z	.453	.453	0	%100
41	M55	X	1.223	1.223	0	%100
42	M55	Z	.706	.706	0	%100
43	M58A	X	3.607	3.607	0	%100
44	M58A	Z	2.083	2.083	0	%100
45	M59A	X	.902	.902	0	%100
46	M59A	Z	.521	.521	0	%100
47	M63	X	3.612	3.612	0	%100
48	M63	Z	2.085	2.085	0	%100
49	M64	X	4.888	4.888	0	%100
50	M64	Z	2.822	2.822	0	%100
51	M66	X	5.101	5.101	0	%100
52	M66	Z	2.945	2.945	0	%100
53	M68	X	3.612	3.612	0	%100
54	M68	Z	2.085	2.085	0	%100
55	M69	X	1.222	1.222	0	%100
56	M69	Z	.706	.706	0	%100
57	M71	X	1.275	1.275	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M71	Z	.736	.736	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	3.137	3.137	0	%100
62	M77A	Z	1.811	1.811	0	%100
63	M78	X	3.137	3.137	0	%100
64	M78	Z	1.811	1.811	0	%100
65	M79A	X	4.894	4.894	0	%100
66	M79A	Z	2.825	2.825	0	%100
67	M82	X	.902	.902	0	%100
68	M82	Z	.521	.521	0	%100
69	M83A	X	.902	.902	0	%100
70	M83A	Z	.521	.521	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	1.222	1.222	0	%100
74	M88A	Z	.706	.706	0	%100
75	M90	X	1.275	1.275	0	%100
76	M90	Z	.736	.736	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	1.222	1.222	0	%100
80	M93	Z	.706	.706	0	%100
81	M95	X	1.275	1.275	0	%100
82	M95	Z	.736	.736	0	%100
83	M85B	X	2.9	2.9	0	%100
84	M85B	Z	1.674	1.674	0	%100
85	M86A	X	.784	.784	0	%100
86	M86A	Z	.453	.453	0	%100
87	M95A	X	.784	.784	0	%100
88	M95A	Z	.453	.453	0	%100
89	M96A	X	1.223	1.223	0	%100
90	M96A	Z	.706	.706	0	%100
91	M99A	X	3.607	3.607	0	%100
92	M99A	Z	2.083	2.083	0	%100
93	M100	X	.902	.902	0	%100
94	M100	Z	.521	.521	0	%100
95	M104	X	3.612	3.612	0	%100
96	M104	Z	2.085	2.085	0	%100
97	M105	X	4.888	4.888	0	%100
98	M105	Z	2.822	2.822	0	%100
99	M107	X	5.101	5.101	0	%100
100	M107	Z	2.945	2.945	0	%100
101	M109	X	3.612	3.612	0	%100
102	M109	Z	2.085	2.085	0	%100
103	M110	X	1.222	1.222	0	%100
104	M110	Z	.706	.706	0	%100
105	M112	X	1.275	1.275	0	%100
106	M112	Z	.736	.736	0	%100
107	M117	X	0	0	0	%100
108	M117	Z	0	0	0	%100
109	M118	X	3.137	3.137	0	%100
110	M118	Z	1.811	1.811	0	%100
111	M119	X	3.137	3.137	0	%100
112	M119	Z	1.811	1.811	0	%100
113	M120	X	4.894	4.894	0	%100
114	M120	Z	2.825	2.825	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M123	X	.902	.902	0	%100
116	M123	Z	.521	.521	0	%100
117	M124	X	.902	.902	0	%100
118	M124	Z	.521	.521	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	1.222	1.222	0	%100
122	M129	Z	.706	.706	0	%100
123	M131	X	1.275	1.275	0	%100
124	M131	Z	.736	.736	0	%100
125	M133	X	0	0	0	%100
126	M133	Z	0	0	0	%100
127	M134	X	1.222	1.222	0	%100
128	M134	Z	.706	.706	0	%100
129	M136	X	1.275	1.275	0	%100
130	M136	Z	.736	.736	0	%100
131	M141	X	2.9	2.9	0	%100
132	M141	Z	1.674	1.674	0	%100
133	M142	X	.784	.784	0	%100
134	M142	Z	.453	.453	0	%100
135	M143	X	.784	.784	0	%100
136	M143	Z	.453	.453	0	%100
137	M144	X	1.223	1.223	0	%100
138	M144	Z	.706	.706	0	%100
139	M147	X	.902	.902	0	%100
140	M147	Z	.521	.521	0	%100
141	M148	X	3.607	3.607	0	%100
142	M148	Z	2.083	2.083	0	%100
143	M152	X	3.612	3.612	0	%100
144	M152	Z	2.085	2.085	0	%100
145	M153	X	1.222	1.222	0	%100
146	M153	Z	.706	.706	0	%100
147	M155	X	1.275	1.275	0	%100
148	M155	Z	.736	.736	0	%100
149	M157	X	3.612	3.612	0	%100
150	M157	Z	2.085	2.085	0	%100
151	M158	X	4.888	4.888	0	%100
152	M158	Z	2.822	2.822	0	%100
153	M160	X	5.101	5.101	0	%100
154	M160	Z	2.945	2.945	0	%100
155	M166	X	.958	.958	0	%100
156	M166	Z	.553	.553	0	%100
157	M168	X	0	0	0	%100
158	M168	Z	0	0	0	%100
159	M169	X	3.137	3.137	0	%100
160	M169	Z	1.811	1.811	0	%100
161	M178	X	3.137	3.137	0	%100
162	M178	Z	1.811	1.811	0	%100
163	M179	X	4.894	4.894	0	%100
164	M179	Z	2.825	2.825	0	%100
165	M182	X	.902	.902	0	%100
166	M182	Z	.521	.521	0	%100
167	M183	X	.902	.902	0	%100
168	M183	Z	.521	.521	0	%100
169	M187	X	0	0	0	%100
170	M187	Z	0	0	0	%100
171	M188	X	1.222	1.222	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,%]
172	M188	Z	.706	.706	0	%100
173	M190	X	1.275	1.275	0	%100
174	M190	Z	.736	.736	0	%100
175	M192	X	0	0	0	%100
176	M192	Z	0	0	0	%100
177	M193	X	1.222	1.222	0	%100
178	M193	Z	.706	.706	0	%100
179	M195	X	1.275	1.275	0	%100
180	M195	Z	.736	.736	0	%100
181	M200	X	2.9	2.9	0	%100
182	M200	Z	1.674	1.674	0	%100
183	M201	X	.784	.784	0	%100
184	M201	Z	.453	.453	0	%100
185	M202	X	.784	.784	0	%100
186	M202	Z	.453	.453	0	%100
187	M203	X	1.223	1.223	0	%100
188	M203	Z	.706	.706	0	%100
189	M206	X	.902	.902	0	%100
190	M206	Z	.521	.521	0	%100
191	M207	X	3.607	3.607	0	%100
192	M207	Z	2.083	2.083	0	%100
193	M211	X	3.612	3.612	0	%100
194	M211	Z	2.085	2.085	0	%100
195	M212	X	1.222	1.222	0	%100
196	M212	Z	.706	.706	0	%100
197	M214	X	1.275	1.275	0	%100
198	M214	Z	.736	.736	0	%100
199	M216	X	3.612	3.612	0	%100
200	M216	Z	2.085	2.085	0	%100
201	M217	X	4.888	4.888	0	%100
202	M217	Z	2.822	2.822	0	%100
203	M219	X	5.101	5.101	0	%100
204	M219	Z	2.945	2.945	0	%100
205	M224	X	2.9	2.9	0	%100
206	M224	Z	1.674	1.674	0	%100
207	M225	X	.784	.784	0	%100
208	M225	Z	.453	.453	0	%100
209	M226	X	.784	.784	0	%100
210	M226	Z	.453	.453	0	%100
211	M227	X	1.223	1.223	0	%100
212	M227	Z	.706	.706	0	%100
213	M230	X	3.607	3.607	0	%100
214	M230	Z	2.083	2.083	0	%100
215	M231	X	.902	.902	0	%100
216	M231	Z	.521	.521	0	%100
217	M235	X	3.612	3.612	0	%100
218	M235	Z	2.085	2.085	0	%100
219	M236	X	4.888	4.888	0	%100
220	M236	Z	2.822	2.822	0	%100
221	M238	X	5.101	5.101	0	%100
222	M238	Z	2.945	2.945	0	%100
223	M240	X	3.612	3.612	0	%100
224	M240	Z	2.085	2.085	0	%100
225	M241	X	1.222	1.222	0	%100
226	M241	Z	.706	.706	0	%100
227	M243	X	1.275	1.275	0	%100
228	M243	Z	.736	.736	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,%]
229	M248	X	.958	.958	0	%100
230	M248	Z	.553	.553	0	%100
231	M250	X	3.097	3.097	0	%100
232	M250	Z	1.788	1.788	0	%100
233	M230A	X	.958	.958	0	%100
234	M230A	Z	.553	.553	0	%100
235	MP3C	X	3.424	3.424	0	%100
236	MP3C	Z	1.977	1.977	0	%100
237	MP4C	X	3.097	3.097	0	%100
238	MP4C	Z	1.788	1.788	0	%100
239	MP2C	X	3.097	3.097	0	%100
240	MP2C	Z	1.788	1.788	0	%100
241	MP1C	X	3.097	3.097	0	%100
242	MP1C	Z	1.788	1.788	0	%100
243	M239A	X	3.831	3.831	0	%100
244	M239A	Z	2.212	2.212	0	%100
245	MP3B	X	3.424	3.424	0	%100
246	MP3B	Z	1.977	1.977	0	%100
247	MP4B	X	3.097	3.097	0	%100
248	MP4B	Z	1.788	1.788	0	%100
249	MP2B	X	3.097	3.097	0	%100
250	MP2B	Z	1.788	1.788	0	%100
251	MP1B	X	3.097	3.097	0	%100
252	MP1B	Z	1.788	1.788	0	%100
253	M254	X	3.424	3.424	0	%100
254	M254	Z	1.977	1.977	0	%100
255	M265	X	.856	.856	0	%100
256	M265	Z	.494	.494	0	%100
257	M276	X	.856	.856	0	%100
258	M276	Z	.494	.494	0	%100
259	M281	X	.776	.776	0	%100
260	M281	Z	.448	.448	0	%100
261	M282	X	.776	.776	0	%100
262	M282	Z	.448	.448	0	%100
263	M283	X	3.104	3.104	0	%100
264	M283	Z	1.792	1.792	0	%100
265	M284	X	4.482	4.482	0	%100
266	M284	Z	2.588	2.588	0	%100
267	M285	X	4.482	4.482	0	%100
268	M285	Z	2.588	2.588	0	%100
269	M286	X	3.54	3.54	0	%100
270	M286	Z	2.044	2.044	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	1.659	1.659	0	%100
2	M1	Z	2.873	2.873	0	%100
3	M4	X	.558	.558	0	%100
4	M4	Z	.967	.967	0	%100
5	M10	X	1.359	1.359	0	%100
6	M10	Z	2.353	2.353	0	%100
7	MP3A	X	1.977	1.977	0	%100
8	MP3A	Z	3.424	3.424	0	%100
9	MP4A	X	1.788	1.788	0	%100
10	MP4A	Z	3.097	3.097	0	%100
11	MP2A	X	1.788	1.788	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,%]
12	MP2A	Z	3.097	3.097	0	%100
13	MP1A	X	1.788	1.788	0	%100
14	MP1A	Z	3.097	3.097	0	%100
15	M43	X	1.359	1.359	0	%100
16	M43	Z	2.353	2.353	0	%100
17	M46	X	2.119	2.119	0	%100
18	M46	Z	3.67	3.67	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.562	1.562	0	%100
22	M52B	Z	2.706	2.706	0	%100
23	M76	X	.695	.695	0	%100
24	M76	Z	1.204	1.204	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	.695	.695	0	%100
30	M84	Z	1.204	1.204	0	%100
31	M85	X	2.117	2.117	0	%100
32	M85	Z	3.666	3.666	0	%100
33	M91	X	2.209	2.209	0	%100
34	M91	Z	3.826	3.826	0	%100
35	M52A	X	2.233	2.233	0	%100
36	M52A	Z	3.867	3.867	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	1.562	1.562	0	%100
44	M58A	Z	2.706	2.706	0	%100
45	M59A	X	1.562	1.562	0	%100
46	M59A	Z	2.706	2.706	0	%100
47	M63	X	2.781	2.781	0	%100
48	M63	Z	4.816	4.816	0	%100
49	M64	X	2.117	2.117	0	%100
50	M64	Z	3.666	3.666	0	%100
51	M66	X	2.209	2.209	0	%100
52	M66	Z	3.826	3.826	0	%100
53	M68	X	2.781	2.781	0	%100
54	M68	Z	4.816	4.816	0	%100
55	M69	X	2.117	2.117	0	%100
56	M69	Z	3.666	3.666	0	%100
57	M71	X	2.209	2.209	0	%100
58	M71	Z	3.826	3.826	0	%100
59	M76A	X	.558	.558	0	%100
60	M76A	Z	.967	.967	0	%100
61	M77A	X	1.359	1.359	0	%100
62	M77A	Z	2.353	2.353	0	%100
63	M78	X	1.359	1.359	0	%100
64	M78	Z	2.353	2.353	0	%100
65	M79A	X	2.119	2.119	0	%100
66	M79A	Z	3.67	3.67	0	%100
67	M82	X	1.562	1.562	0	%100
68	M82	Z	2.706	2.706	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,%]
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.695	.695	0	%100
72	M87	Z	1.204	1.204	0	%100
73	M88A	X	2.117	2.117	0	%100
74	M88A	Z	3.666	3.666	0	%100
75	M90	X	2.209	2.209	0	%100
76	M90	Z	3.826	3.826	0	%100
77	M92A	X	.695	.695	0	%100
78	M92A	Z	1.204	1.204	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M85B	X	2.233	2.233	0	%100
84	M85B	Z	3.867	3.867	0	%100
85	M86A	X	0	0	0	%100
86	M86A	Z	0	0	0	%100
87	M95A	X	0	0	0	%100
88	M95A	Z	0	0	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	0	0	0	%100
91	M99A	X	1.562	1.562	0	%100
92	M99A	Z	2.706	2.706	0	%100
93	M100	X	1.562	1.562	0	%100
94	M100	Z	2.706	2.706	0	%100
95	M104	X	2.781	2.781	0	%100
96	M104	Z	4.816	4.816	0	%100
97	M105	X	2.117	2.117	0	%100
98	M105	Z	3.666	3.666	0	%100
99	M107	X	2.209	2.209	0	%100
100	M107	Z	3.826	3.826	0	%100
101	M109	X	2.781	2.781	0	%100
102	M109	Z	4.816	4.816	0	%100
103	M110	X	2.117	2.117	0	%100
104	M110	Z	3.666	3.666	0	%100
105	M112	X	2.209	2.209	0	%100
106	M112	Z	3.826	3.826	0	%100
107	M117	X	.558	.558	0	%100
108	M117	Z	.967	.967	0	%100
109	M118	X	1.359	1.359	0	%100
110	M118	Z	2.353	2.353	0	%100
111	M119	X	1.359	1.359	0	%100
112	M119	Z	2.353	2.353	0	%100
113	M120	X	2.119	2.119	0	%100
114	M120	Z	3.67	3.67	0	%100
115	M123	X	1.562	1.562	0	%100
116	M123	Z	2.706	2.706	0	%100
117	M124	X	0	0	0	%100
118	M124	Z	0	0	0	%100
119	M128	X	.695	.695	0	%100
120	M128	Z	1.204	1.204	0	%100
121	M129	X	2.117	2.117	0	%100
122	M129	Z	3.666	3.666	0	%100
123	M131	X	2.209	2.209	0	%100
124	M131	Z	3.826	3.826	0	%100
125	M133	X	.695	.695	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,%]
126	M133	Z	1.204	1.204	0	%100
127	M134	X	0	0	0	%100
128	M134	Z	0	0	0	%100
129	M136	X	0	0	0	%100
130	M136	Z	0	0	0	%100
131	M141	X	.558	.558	0	%100
132	M141	Z	.967	.967	0	%100
133	M142	X	1.359	1.359	0	%100
134	M142	Z	2.353	2.353	0	%100
135	M143	X	1.359	1.359	0	%100
136	M143	Z	2.353	2.353	0	%100
137	M144	X	2.119	2.119	0	%100
138	M144	Z	3.67	3.67	0	%100
139	M147	X	0	0	0	%100
140	M147	Z	0	0	0	%100
141	M148	X	1.562	1.562	0	%100
142	M148	Z	2.706	2.706	0	%100
143	M152	X	.695	.695	0	%100
144	M152	Z	1.204	1.204	0	%100
145	M153	X	0	0	0	%100
146	M153	Z	0	0	0	%100
147	M155	X	0	0	0	%100
148	M155	Z	0	0	0	%100
149	M157	X	.695	.695	0	%100
150	M157	Z	1.204	1.204	0	%100
151	M158	X	2.117	2.117	0	%100
152	M158	Z	3.666	3.666	0	%100
153	M160	X	2.209	2.209	0	%100
154	M160	Z	3.826	3.826	0	%100
155	M166	X	1.659	1.659	0	%100
156	M166	Z	2.873	2.873	0	%100
157	M168	X	.558	.558	0	%100
158	M168	Z	.967	.967	0	%100
159	M169	X	1.359	1.359	0	%100
160	M169	Z	2.353	2.353	0	%100
161	M178	X	1.359	1.359	0	%100
162	M178	Z	2.353	2.353	0	%100
163	M179	X	2.119	2.119	0	%100
164	M179	Z	3.67	3.67	0	%100
165	M182	X	1.562	1.562	0	%100
166	M182	Z	2.706	2.706	0	%100
167	M183	X	0	0	0	%100
168	M183	Z	0	0	0	%100
169	M187	X	.695	.695	0	%100
170	M187	Z	1.204	1.204	0	%100
171	M188	X	2.117	2.117	0	%100
172	M188	Z	3.666	3.666	0	%100
173	M190	X	2.209	2.209	0	%100
174	M190	Z	3.826	3.826	0	%100
175	M192	X	.695	.695	0	%100
176	M192	Z	1.204	1.204	0	%100
177	M193	X	0	0	0	%100
178	M193	Z	0	0	0	%100
179	M195	X	0	0	0	%100
180	M195	Z	0	0	0	%100
181	M200	X	.558	.558	0	%100
182	M200	Z	.967	.967	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,%]
183	M201	X	1.359	1.359	0	%100
184	M201	Z	2.353	2.353	0	%100
185	M202	X	1.359	1.359	0	%100
186	M202	Z	2.353	2.353	0	%100
187	M203	X	2.119	2.119	0	%100
188	M203	Z	3.67	3.67	0	%100
189	M206	X	0	0	0	%100
190	M206	Z	0	0	0	%100
191	M207	X	1.562	1.562	0	%100
192	M207	Z	2.706	2.706	0	%100
193	M211	X	.695	.695	0	%100
194	M211	Z	1.204	1.204	0	%100
195	M212	X	0	0	0	%100
196	M212	Z	0	0	0	%100
197	M214	X	0	0	0	%100
198	M214	Z	0	0	0	%100
199	M216	X	.695	.695	0	%100
200	M216	Z	1.204	1.204	0	%100
201	M217	X	2.117	2.117	0	%100
202	M217	Z	3.666	3.666	0	%100
203	M219	X	2.209	2.209	0	%100
204	M219	Z	3.826	3.826	0	%100
205	M224	X	2.233	2.233	0	%100
206	M224	Z	3.867	3.867	0	%100
207	M225	X	0	0	0	%100
208	M225	Z	0	0	0	%100
209	M226	X	0	0	0	%100
210	M226	Z	0	0	0	%100
211	M227	X	0	0	0	%100
212	M227	Z	0	0	0	%100
213	M230	X	1.562	1.562	0	%100
214	M230	Z	2.706	2.706	0	%100
215	M231	X	1.562	1.562	0	%100
216	M231	Z	2.706	2.706	0	%100
217	M235	X	2.781	2.781	0	%100
218	M235	Z	4.816	4.816	0	%100
219	M236	X	2.117	2.117	0	%100
220	M236	Z	3.666	3.666	0	%100
221	M238	X	2.209	2.209	0	%100
222	M238	Z	3.826	3.826	0	%100
223	M240	X	2.781	2.781	0	%100
224	M240	Z	4.816	4.816	0	%100
225	M241	X	2.117	2.117	0	%100
226	M241	Z	3.666	3.666	0	%100
227	M243	X	2.209	2.209	0	%100
228	M243	Z	3.826	3.826	0	%100
229	M248	X	1.659	1.659	0	%100
230	M248	Z	2.873	2.873	0	%100
231	M250	X	1.788	1.788	0	%100
232	M250	Z	3.097	3.097	0	%100
233	M230A	X	0	0	0	%100
234	M230A	Z	0	0	0	%100
235	MP3C	X	1.977	1.977	0	%100
236	MP3C	Z	3.424	3.424	0	%100
237	MP4C	X	1.788	1.788	0	%100
238	MP4C	Z	3.097	3.097	0	%100
239	MP2C	X	1.788	1.788	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,%]
240	MP2C	Z	3.097	3.097	0	%100
241	MP1C	X	1.788	1.788	0	%100
242	MP1C	Z	3.097	3.097	0	%100
243	M239A	X	1.659	1.659	0	%100
244	M239A	Z	2.873	2.873	0	%100
245	MP3B	X	1.977	1.977	0	%100
246	MP3B	Z	3.424	3.424	0	%100
247	MP4B	X	1.788	1.788	0	%100
248	MP4B	Z	3.097	3.097	0	%100
249	MP2B	X	1.788	1.788	0	%100
250	MP2B	Z	3.097	3.097	0	%100
251	MP1B	X	1.788	1.788	0	%100
252	MP1B	Z	3.097	3.097	0	%100
253	M254	X	1.482	1.482	0	%100
254	M254	Z	2.568	2.568	0	%100
255	M265	X	1.482	1.482	0	%100
256	M265	Z	2.568	2.568	0	%100
257	M276	X	0	0	0	%100
258	M276	Z	0	0	0	%100
259	M281	X	0	0	0	%100
260	M281	Z	0	0	0	%100
261	M282	X	1.344	1.344	0	%100
262	M282	Z	2.328	2.328	0	%100
263	M283	X	1.344	1.344	0	%100
264	M283	Z	2.328	2.328	0	%100
265	M284	X	2.225	2.225	0	%100
266	M284	Z	3.854	3.854	0	%100
267	M285	X	2.769	2.769	0	%100
268	M285	Z	4.796	4.796	0	%100
269	M286	X	2.225	2.225	0	%100
270	M286	Z	3.854	3.854	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	4.424	4.424	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	3.623	3.623	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	3.953	3.953	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	3.577	3.577	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	3.577	3.577	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	3.577	3.577	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	3.623	3.623	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	5.651	5.651	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	1.041	1.041	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	1.041	1.041	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,%]
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	1.411	1.411	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.472	1.472	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	1.411	1.411	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.472	1.472	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	3.349	3.349	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	.906	.906	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	.906	.906	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	1.413	1.413	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	1.041	1.041	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	4.165	4.165	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	4.171	4.171	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	1.411	1.411	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	1.472	1.472	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	4.171	4.171	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	5.645	5.645	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	5.89	5.89	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	3.349	3.349	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	.906	.906	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	.906	.906	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	1.413	1.413	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	4.165	4.165	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	1.041	1.041	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	4.171	4.171	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	5.645	5.645	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	5.89	5.89	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	4.171	4.171	0	%100
79	M93	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	M93	Z	1.411	1.411	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	1.472	1.472	0	%100
83	M85B	X	0	0	0	%100
84	M85B	Z	3.349	3.349	0	%100
85	M86A	X	0	0	0	%100
86	M86A	Z	.906	.906	0	%100
87	M95A	X	0	0	0	%100
88	M95A	Z	.906	.906	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	1.413	1.413	0	%100
91	M99A	X	0	0	0	%100
92	M99A	Z	1.041	1.041	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	4.165	4.165	0	%100
95	M104	X	0	0	0	%100
96	M104	Z	4.171	4.171	0	%100
97	M105	X	0	0	0	%100
98	M105	Z	1.411	1.411	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	1.472	1.472	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	4.171	4.171	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	5.645	5.645	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	5.89	5.89	0	%100
107	M117	X	0	0	0	%100
108	M117	Z	3.349	3.349	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	.906	.906	0	%100
111	M119	X	0	0	0	%100
112	M119	Z	.906	.906	0	%100
113	M120	X	0	0	0	%100
114	M120	Z	1.413	1.413	0	%100
115	M123	X	0	0	0	%100
116	M123	Z	4.165	4.165	0	%100
117	M124	X	0	0	0	%100
118	M124	Z	1.041	1.041	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	4.171	4.171	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	5.645	5.645	0	%100
123	M131	X	0	0	0	%100
124	M131	Z	5.89	5.89	0	%100
125	M133	X	0	0	0	%100
126	M133	Z	4.171	4.171	0	%100
127	M134	X	0	0	0	%100
128	M134	Z	1.411	1.411	0	%100
129	M136	X	0	0	0	%100
130	M136	Z	1.472	1.472	0	%100
131	M141	X	0	0	0	%100
132	M141	Z	0	0	0	%100
133	M142	X	0	0	0	%100
134	M142	Z	3.623	3.623	0	%100
135	M143	X	0	0	0	%100
136	M143	Z	3.623	3.623	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,%]
137	M144	X	0	0	0	%100
138	M144	Z	5.651	5.651	0	%100
139	M147	X	0	0	0	%100
140	M147	Z	1.041	1.041	0	%100
141	M148	X	0	0	0	%100
142	M148	Z	1.041	1.041	0	%100
143	M152	X	0	0	0	%100
144	M152	Z	0	0	0	%100
145	M153	X	0	0	0	%100
146	M153	Z	1.411	1.411	0	%100
147	M155	X	0	0	0	%100
148	M155	Z	1.472	1.472	0	%100
149	M157	X	0	0	0	%100
150	M157	Z	0	0	0	%100
151	M158	X	0	0	0	%100
152	M158	Z	1.411	1.411	0	%100
153	M160	X	0	0	0	%100
154	M160	Z	1.472	1.472	0	%100
155	M166	X	0	0	0	%100
156	M166	Z	4.424	4.424	0	%100
157	M168	X	0	0	0	%100
158	M168	Z	3.349	3.349	0	%100
159	M169	X	0	0	0	%100
160	M169	Z	.906	.906	0	%100
161	M178	X	0	0	0	%100
162	M178	Z	.906	.906	0	%100
163	M179	X	0	0	0	%100
164	M179	Z	1.413	1.413	0	%100
165	M182	X	0	0	0	%100
166	M182	Z	4.165	4.165	0	%100
167	M183	X	0	0	0	%100
168	M183	Z	1.041	1.041	0	%100
169	M187	X	0	0	0	%100
170	M187	Z	4.171	4.171	0	%100
171	M188	X	0	0	0	%100
172	M188	Z	5.645	5.645	0	%100
173	M190	X	0	0	0	%100
174	M190	Z	5.89	5.89	0	%100
175	M192	X	0	0	0	%100
176	M192	Z	4.171	4.171	0	%100
177	M193	X	0	0	0	%100
178	M193	Z	1.411	1.411	0	%100
179	M195	X	0	0	0	%100
180	M195	Z	1.472	1.472	0	%100
181	M200	X	0	0	0	%100
182	M200	Z	0	0	0	%100
183	M201	X	0	0	0	%100
184	M201	Z	3.623	3.623	0	%100
185	M202	X	0	0	0	%100
186	M202	Z	3.623	3.623	0	%100
187	M203	X	0	0	0	%100
188	M203	Z	5.651	5.651	0	%100
189	M206	X	0	0	0	%100
190	M206	Z	1.041	1.041	0	%100
191	M207	X	0	0	0	%100
192	M207	Z	1.041	1.041	0	%100
193	M211	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
194	M211	Z	0	0	0	%100
195	M212	X	0	0	0	%100
196	M212	Z	1.411	1.411	0	%100
197	M214	X	0	0	0	%100
198	M214	Z	1.472	1.472	0	%100
199	M216	X	0	0	0	%100
200	M216	Z	0	0	0	%100
201	M217	X	0	0	0	%100
202	M217	Z	1.411	1.411	0	%100
203	M219	X	0	0	0	%100
204	M219	Z	1.472	1.472	0	%100
205	M224	X	0	0	0	%100
206	M224	Z	3.349	3.349	0	%100
207	M225	X	0	0	0	%100
208	M225	Z	.906	.906	0	%100
209	M226	X	0	0	0	%100
210	M226	Z	.906	.906	0	%100
211	M227	X	0	0	0	%100
212	M227	Z	1.413	1.413	0	%100
213	M230	X	0	0	0	%100
214	M230	Z	1.041	1.041	0	%100
215	M231	X	0	0	0	%100
216	M231	Z	4.165	4.165	0	%100
217	M235	X	0	0	0	%100
218	M235	Z	4.171	4.171	0	%100
219	M236	X	0	0	0	%100
220	M236	Z	1.411	1.411	0	%100
221	M238	X	0	0	0	%100
222	M238	Z	1.472	1.472	0	%100
223	M240	X	0	0	0	%100
224	M240	Z	4.171	4.171	0	%100
225	M241	X	0	0	0	%100
226	M241	Z	5.645	5.645	0	%100
227	M243	X	0	0	0	%100
228	M243	Z	5.89	5.89	0	%100
229	M248	X	0	0	0	%100
230	M248	Z	4.424	4.424	0	%100
231	M250	X	0	0	0	%100
232	M250	Z	3.577	3.577	0	%100
233	M230A	X	0	0	0	%100
234	M230A	Z	1.106	1.106	0	%100
235	MP3C	X	0	0	0	%100
236	MP3C	Z	3.953	3.953	0	%100
237	MP4C	X	0	0	0	%100
238	MP4C	Z	3.577	3.577	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	3.577	3.577	0	%100
241	MP1C	X	0	0	0	%100
242	MP1C	Z	3.577	3.577	0	%100
243	M239A	X	0	0	0	%100
244	M239A	Z	1.106	1.106	0	%100
245	MP3B	X	0	0	0	%100
246	MP3B	Z	3.953	3.953	0	%100
247	MP4B	X	0	0	0	%100
248	MP4B	Z	3.577	3.577	0	%100
249	MP2B	X	0	0	0	%100
250	MP2B	Z	3.577	3.577	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,%]
251	MP1B	X	0	0	0	%100
252	MP1B	Z	3.577	3.577	0	%100
253	M254	X	0	0	0	%100
254	M254	Z	.988	.988	0	%100
255	M265	X	0	0	0	%100
256	M265	Z	3.953	3.953	0	%100
257	M276	X	0	0	0	%100
258	M276	Z	.988	.988	0	%100
259	M281	X	0	0	0	%100
260	M281	Z	.896	.896	0	%100
261	M282	X	0	0	0	%100
262	M282	Z	3.584	3.584	0	%100
263	M283	X	0	0	0	%100
264	M283	Z	.896	.896	0	%100
265	M284	X	0	0	0	%100
266	M284	Z	4.088	4.088	0	%100
267	M285	X	0	0	0	%100
268	M285	Z	5.176	5.176	0	%100
269	M286	X	0	0	0	%100
270	M286	Z	5.176	5.176	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	-1.659	-1.659	0	%100
2	M1	Z	2.873	2.873	0	%100
3	M4	X	-.558	-.558	0	%100
4	M4	Z	.967	.967	0	%100
5	M10	X	-1.359	-1.359	0	%100
6	M10	Z	2.353	2.353	0	%100
7	MP3A	X	-1.977	-1.977	0	%100
8	MP3A	Z	3.424	3.424	0	%100
9	MP4A	X	-1.788	-1.788	0	%100
10	MP4A	Z	3.097	3.097	0	%100
11	MP2A	X	-1.788	-1.788	0	%100
12	MP2A	Z	3.097	3.097	0	%100
13	MP1A	X	-1.788	-1.788	0	%100
14	MP1A	Z	3.097	3.097	0	%100
15	M43	X	-1.359	-1.359	0	%100
16	M43	Z	2.353	2.353	0	%100
17	M46	X	-2.119	-2.119	0	%100
18	M46	Z	3.67	3.67	0	%100
19	M51B	X	-1.562	-1.562	0	%100
20	M51B	Z	2.706	2.706	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.695	-.695	0	%100
24	M76	Z	1.204	1.204	0	%100
25	M77	X	-2.117	-2.117	0	%100
26	M77	Z	3.666	3.666	0	%100
27	M80	X	-2.209	-2.209	0	%100
28	M80	Z	3.826	3.826	0	%100
29	M84	X	-.695	-.695	0	%100
30	M84	Z	1.204	1.204	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M91	Z	0	0	0	%100
35	M52A	X	-.558	-.558	0	%100
36	M52A	Z	.967	.967	0	%100
37	M53	X	-1.359	-1.359	0	%100
38	M53	Z	2.353	2.353	0	%100
39	M54	X	-1.359	-1.359	0	%100
40	M54	Z	2.353	2.353	0	%100
41	M55	X	-2.119	-2.119	0	%100
42	M55	Z	3.67	3.67	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-1.562	-1.562	0	%100
46	M59A	Z	2.706	2.706	0	%100
47	M63	X	-.695	-.695	0	%100
48	M63	Z	1.204	1.204	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.695	-.695	0	%100
54	M68	Z	1.204	1.204	0	%100
55	M69	X	-2.117	-2.117	0	%100
56	M69	Z	3.666	3.666	0	%100
57	M71	X	-2.209	-2.209	0	%100
58	M71	Z	3.826	3.826	0	%100
59	M76A	X	-2.233	-2.233	0	%100
60	M76A	Z	3.867	3.867	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-1.562	-1.562	0	%100
68	M82	Z	2.706	2.706	0	%100
69	M83A	X	-1.562	-1.562	0	%100
70	M83A	Z	2.706	2.706	0	%100
71	M87	X	-2.781	-2.781	0	%100
72	M87	Z	4.816	4.816	0	%100
73	M88A	X	-2.117	-2.117	0	%100
74	M88A	Z	3.666	3.666	0	%100
75	M90	X	-2.209	-2.209	0	%100
76	M90	Z	3.826	3.826	0	%100
77	M92A	X	-2.781	-2.781	0	%100
78	M92A	Z	4.816	4.816	0	%100
79	M93	X	-2.117	-2.117	0	%100
80	M93	Z	3.666	3.666	0	%100
81	M95	X	-2.209	-2.209	0	%100
82	M95	Z	3.826	3.826	0	%100
83	M85B	X	-.558	-.558	0	%100
84	M85B	Z	.967	.967	0	%100
85	M86A	X	-1.359	-1.359	0	%100
86	M86A	Z	2.353	2.353	0	%100
87	M95A	X	-1.359	-1.359	0	%100
88	M95A	Z	2.353	2.353	0	%100
89	M96A	X	-2.119	-2.119	0	%100
90	M96A	Z	3.67	3.67	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,%]
91	M99A	X	0	0	0	%100
92	M99A	Z	0	0	0	%100
93	M100	X	-1.562	-1.562	0	%100
94	M100	Z	2.706	2.706	0	%100
95	M104	X	-.695	-.695	0	%100
96	M104	Z	1.204	1.204	0	%100
97	M105	X	0	0	0	%100
98	M105	Z	0	0	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M109	X	-.695	-.695	0	%100
102	M109	Z	1.204	1.204	0	%100
103	M110	X	-2.117	-2.117	0	%100
104	M110	Z	3.666	3.666	0	%100
105	M112	X	-2.209	-2.209	0	%100
106	M112	Z	3.826	3.826	0	%100
107	M117	X	-2.233	-2.233	0	%100
108	M117	Z	3.867	3.867	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	0	0	0	%100
111	M119	X	0	0	0	%100
112	M119	Z	0	0	0	%100
113	M120	X	0	0	0	%100
114	M120	Z	0	0	0	%100
115	M123	X	-1.562	-1.562	0	%100
116	M123	Z	2.706	2.706	0	%100
117	M124	X	-1.562	-1.562	0	%100
118	M124	Z	2.706	2.706	0	%100
119	M128	X	-2.781	-2.781	0	%100
120	M128	Z	4.816	4.816	0	%100
121	M129	X	-2.117	-2.117	0	%100
122	M129	Z	3.666	3.666	0	%100
123	M131	X	-2.209	-2.209	0	%100
124	M131	Z	3.826	3.826	0	%100
125	M133	X	-2.781	-2.781	0	%100
126	M133	Z	4.816	4.816	0	%100
127	M134	X	-2.117	-2.117	0	%100
128	M134	Z	3.666	3.666	0	%100
129	M136	X	-2.209	-2.209	0	%100
130	M136	Z	3.826	3.826	0	%100
131	M141	X	-.558	-.558	0	%100
132	M141	Z	.967	.967	0	%100
133	M142	X	-1.359	-1.359	0	%100
134	M142	Z	2.353	2.353	0	%100
135	M143	X	-1.359	-1.359	0	%100
136	M143	Z	2.353	2.353	0	%100
137	M144	X	-2.119	-2.119	0	%100
138	M144	Z	3.67	3.67	0	%100
139	M147	X	-1.562	-1.562	0	%100
140	M147	Z	2.706	2.706	0	%100
141	M148	X	0	0	0	%100
142	M148	Z	0	0	0	%100
143	M152	X	-.695	-.695	0	%100
144	M152	Z	1.204	1.204	0	%100
145	M153	X	-2.117	-2.117	0	%100
146	M153	Z	3.666	3.666	0	%100
147	M155	X	-2.209	-2.209	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,%]
148	M155	Z	3.826	3.826	0	%100
149	M157	X	-.695	-.695	0	%100
150	M157	Z	1.204	1.204	0	%100
151	M158	X	0	0	0	%100
152	M158	Z	0	0	0	%100
153	M160	X	0	0	0	%100
154	M160	Z	0	0	0	%100
155	M166	X	-1.659	-1.659	0	%100
156	M166	Z	2.873	2.873	0	%100
157	M168	X	-2.233	-2.233	0	%100
158	M168	Z	3.867	3.867	0	%100
159	M169	X	0	0	0	%100
160	M169	Z	0	0	0	%100
161	M178	X	0	0	0	%100
162	M178	Z	0	0	0	%100
163	M179	X	0	0	0	%100
164	M179	Z	0	0	0	%100
165	M182	X	-1.562	-1.562	0	%100
166	M182	Z	2.706	2.706	0	%100
167	M183	X	-1.562	-1.562	0	%100
168	M183	Z	2.706	2.706	0	%100
169	M187	X	-2.781	-2.781	0	%100
170	M187	Z	4.816	4.816	0	%100
171	M188	X	-2.117	-2.117	0	%100
172	M188	Z	3.666	3.666	0	%100
173	M190	X	-2.209	-2.209	0	%100
174	M190	Z	3.826	3.826	0	%100
175	M192	X	-2.781	-2.781	0	%100
176	M192	Z	4.816	4.816	0	%100
177	M193	X	-2.117	-2.117	0	%100
178	M193	Z	3.666	3.666	0	%100
179	M195	X	-2.209	-2.209	0	%100
180	M195	Z	3.826	3.826	0	%100
181	M200	X	-.558	-.558	0	%100
182	M200	Z	.967	.967	0	%100
183	M201	X	-1.359	-1.359	0	%100
184	M201	Z	2.353	2.353	0	%100
185	M202	X	-1.359	-1.359	0	%100
186	M202	Z	2.353	2.353	0	%100
187	M203	X	-2.119	-2.119	0	%100
188	M203	Z	3.67	3.67	0	%100
189	M206	X	-1.562	-1.562	0	%100
190	M206	Z	2.706	2.706	0	%100
191	M207	X	0	0	0	%100
192	M207	Z	0	0	0	%100
193	M211	X	-.695	-.695	0	%100
194	M211	Z	1.204	1.204	0	%100
195	M212	X	-2.117	-2.117	0	%100
196	M212	Z	3.666	3.666	0	%100
197	M214	X	-2.209	-2.209	0	%100
198	M214	Z	3.826	3.826	0	%100
199	M216	X	-.695	-.695	0	%100
200	M216	Z	1.204	1.204	0	%100
201	M217	X	0	0	0	%100
202	M217	Z	0	0	0	%100
203	M219	X	0	0	0	%100
204	M219	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,%]
205	M224	X	-.558	-.558	0	%100
206	M224	Z	.967	.967	0	%100
207	M225	X	-1.359	-1.359	0	%100
208	M225	Z	2.353	2.353	0	%100
209	M226	X	-1.359	-1.359	0	%100
210	M226	Z	2.353	2.353	0	%100
211	M227	X	-2.119	-2.119	0	%100
212	M227	Z	3.67	3.67	0	%100
213	M230	X	0	0	0	%100
214	M230	Z	0	0	0	%100
215	M231	X	-1.562	-1.562	0	%100
216	M231	Z	2.706	2.706	0	%100
217	M235	X	-.695	-.695	0	%100
218	M235	Z	1.204	1.204	0	%100
219	M236	X	0	0	0	%100
220	M236	Z	0	0	0	%100
221	M238	X	0	0	0	%100
222	M238	Z	0	0	0	%100
223	M240	X	-.695	-.695	0	%100
224	M240	Z	1.204	1.204	0	%100
225	M241	X	-2.117	-2.117	0	%100
226	M241	Z	3.666	3.666	0	%100
227	M243	X	-2.209	-2.209	0	%100
228	M243	Z	3.826	3.826	0	%100
229	M248	X	-1.659	-1.659	0	%100
230	M248	Z	2.873	2.873	0	%100
231	M250	X	-1.788	-1.788	0	%100
232	M250	Z	3.097	3.097	0	%100
233	M230A	X	-1.659	-1.659	0	%100
234	M230A	Z	2.873	2.873	0	%100
235	MP3C	X	-1.977	-1.977	0	%100
236	MP3C	Z	3.424	3.424	0	%100
237	MP4C	X	-1.788	-1.788	0	%100
238	MP4C	Z	3.097	3.097	0	%100
239	MP2C	X	-1.788	-1.788	0	%100
240	MP2C	Z	3.097	3.097	0	%100
241	MP1C	X	-1.788	-1.788	0	%100
242	MP1C	Z	3.097	3.097	0	%100
243	M239A	X	0	0	0	%100
244	M239A	Z	0	0	0	%100
245	MP3B	X	-1.977	-1.977	0	%100
246	MP3B	Z	3.424	3.424	0	%100
247	MP4B	X	-1.788	-1.788	0	%100
248	MP4B	Z	3.097	3.097	0	%100
249	MP2B	X	-1.788	-1.788	0	%100
250	MP2B	Z	3.097	3.097	0	%100
251	MP1B	X	-1.788	-1.788	0	%100
252	MP1B	Z	3.097	3.097	0	%100
253	M254	X	0	0	0	%100
254	M254	Z	0	0	0	%100
255	M265	X	-1.482	-1.482	0	%100
256	M265	Z	2.568	2.568	0	%100
257	M276	X	-1.482	-1.482	0	%100
258	M276	Z	2.568	2.568	0	%100
259	M281	X	-1.344	-1.344	0	%100
260	M281	Z	2.328	2.328	0	%100
261	M282	X	-1.344	-1.344	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,%]
262	M282	Z	2.328	2.328	0	%100
263	M283	X	0	0	0	%100
264	M283	Z	0	0	0	%100
265	M284	X	-2.225	-2.225	0	%100
266	M284	Z	3.854	3.854	0	%100
267	M285	X	-2.225	-2.225	0	%100
268	M285	Z	3.854	3.854	0	%100
269	M286	X	-2.769	-2.769	0	%100
270	M286	Z	4.796	4.796	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	-.958	-.958	0	%100
2	M1	Z	.553	.553	0	%100
3	M4	X	-2.9	-2.9	0	%100
4	M4	Z	1.674	1.674	0	%100
5	M10	X	-.784	-.784	0	%100
6	M10	Z	.453	.453	0	%100
7	MP3A	X	-3.424	-3.424	0	%100
8	MP3A	Z	1.977	1.977	0	%100
9	MP4A	X	-3.097	-3.097	0	%100
10	MP4A	Z	1.788	1.788	0	%100
11	MP2A	X	-3.097	-3.097	0	%100
12	MP2A	Z	1.788	1.788	0	%100
13	MP1A	X	-3.097	-3.097	0	%100
14	MP1A	Z	1.788	1.788	0	%100
15	M43	X	-.784	-.784	0	%100
16	M43	Z	.453	.453	0	%100
17	M46	X	-1.223	-1.223	0	%100
18	M46	Z	.706	.706	0	%100
19	M51B	X	-3.607	-3.607	0	%100
20	M51B	Z	2.083	2.083	0	%100
21	M52B	X	-.902	-.902	0	%100
22	M52B	Z	.521	.521	0	%100
23	M76	X	-3.612	-3.612	0	%100
24	M76	Z	2.085	2.085	0	%100
25	M77	X	-4.888	-4.888	0	%100
26	M77	Z	2.822	2.822	0	%100
27	M80	X	-5.101	-5.101	0	%100
28	M80	Z	2.945	2.945	0	%100
29	M84	X	-3.612	-3.612	0	%100
30	M84	Z	2.085	2.085	0	%100
31	M85	X	-1.222	-1.222	0	%100
32	M85	Z	.706	.706	0	%100
33	M91	X	-1.275	-1.275	0	%100
34	M91	Z	.736	.736	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-3.137	-3.137	0	%100
38	M53	Z	1.811	1.811	0	%100
39	M54	X	-3.137	-3.137	0	%100
40	M54	Z	1.811	1.811	0	%100
41	M55	X	-4.894	-4.894	0	%100
42	M55	Z	2.825	2.825	0	%100
43	M58A	X	-.902	-.902	0	%100
44	M58A	Z	.521	.521	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,%]
45	M59A	X	-.902	-.902	0	%100
46	M59A	Z	.521	.521	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-1.222	-1.222	0	%100
50	M64	Z	.706	.706	0	%100
51	M66	X	-1.275	-1.275	0	%100
52	M66	Z	.736	.736	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-1.222	-1.222	0	%100
56	M69	Z	.706	.706	0	%100
57	M71	X	-1.275	-1.275	0	%100
58	M71	Z	.736	.736	0	%100
59	M76A	X	-2.9	-2.9	0	%100
60	M76A	Z	1.674	1.674	0	%100
61	M77A	X	-.784	-.784	0	%100
62	M77A	Z	.453	.453	0	%100
63	M78	X	-.784	-.784	0	%100
64	M78	Z	.453	.453	0	%100
65	M79A	X	-1.223	-1.223	0	%100
66	M79A	Z	.706	.706	0	%100
67	M82	X	-.902	-.902	0	%100
68	M82	Z	.521	.521	0	%100
69	M83A	X	-3.607	-3.607	0	%100
70	M83A	Z	2.083	2.083	0	%100
71	M87	X	-3.612	-3.612	0	%100
72	M87	Z	2.085	2.085	0	%100
73	M88A	X	-1.222	-1.222	0	%100
74	M88A	Z	.706	.706	0	%100
75	M90	X	-1.275	-1.275	0	%100
76	M90	Z	.736	.736	0	%100
77	M92A	X	-3.612	-3.612	0	%100
78	M92A	Z	2.085	2.085	0	%100
79	M93	X	-4.888	-4.888	0	%100
80	M93	Z	2.822	2.822	0	%100
81	M95	X	-5.101	-5.101	0	%100
82	M95	Z	2.945	2.945	0	%100
83	M85B	X	0	0	0	%100
84	M85B	Z	0	0	0	%100
85	M86A	X	-3.137	-3.137	0	%100
86	M86A	Z	1.811	1.811	0	%100
87	M95A	X	-3.137	-3.137	0	%100
88	M95A	Z	1.811	1.811	0	%100
89	M96A	X	-4.894	-4.894	0	%100
90	M96A	Z	2.825	2.825	0	%100
91	M99A	X	-.902	-.902	0	%100
92	M99A	Z	.521	.521	0	%100
93	M100	X	-.902	-.902	0	%100
94	M100	Z	.521	.521	0	%100
95	M104	X	0	0	0	%100
96	M104	Z	0	0	0	%100
97	M105	X	-1.222	-1.222	0	%100
98	M105	Z	.706	.706	0	%100
99	M107	X	-1.275	-1.275	0	%100
100	M107	Z	.736	.736	0	%100
101	M109	X	0	0	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,%]
102	M109	Z	0	0	0	%100
103	M110	X	-1.222	-1.222	0	%100
104	M110	Z	.706	.706	0	%100
105	M112	X	-1.275	-1.275	0	%100
106	M112	Z	.736	.736	0	%100
107	M117	X	-2.9	-2.9	0	%100
108	M117	Z	1.674	1.674	0	%100
109	M118	X	-.784	-.784	0	%100
110	M118	Z	.453	.453	0	%100
111	M119	X	-.784	-.784	0	%100
112	M119	Z	.453	.453	0	%100
113	M120	X	-1.223	-1.223	0	%100
114	M120	Z	.706	.706	0	%100
115	M123	X	-.902	-.902	0	%100
116	M123	Z	.521	.521	0	%100
117	M124	X	-3.607	-3.607	0	%100
118	M124	Z	2.083	2.083	0	%100
119	M128	X	-3.612	-3.612	0	%100
120	M128	Z	2.085	2.085	0	%100
121	M129	X	-1.222	-1.222	0	%100
122	M129	Z	.706	.706	0	%100
123	M131	X	-1.275	-1.275	0	%100
124	M131	Z	.736	.736	0	%100
125	M133	X	-3.612	-3.612	0	%100
126	M133	Z	2.085	2.085	0	%100
127	M134	X	-4.888	-4.888	0	%100
128	M134	Z	2.822	2.822	0	%100
129	M136	X	-5.101	-5.101	0	%100
130	M136	Z	2.945	2.945	0	%100
131	M141	X	-2.9	-2.9	0	%100
132	M141	Z	1.674	1.674	0	%100
133	M142	X	-.784	-.784	0	%100
134	M142	Z	.453	.453	0	%100
135	M143	X	-.784	-.784	0	%100
136	M143	Z	.453	.453	0	%100
137	M144	X	-1.223	-1.223	0	%100
138	M144	Z	.706	.706	0	%100
139	M147	X	-3.607	-3.607	0	%100
140	M147	Z	2.083	2.083	0	%100
141	M148	X	-.902	-.902	0	%100
142	M148	Z	.521	.521	0	%100
143	M152	X	-3.612	-3.612	0	%100
144	M152	Z	2.085	2.085	0	%100
145	M153	X	-4.888	-4.888	0	%100
146	M153	Z	2.822	2.822	0	%100
147	M155	X	-5.101	-5.101	0	%100
148	M155	Z	2.945	2.945	0	%100
149	M157	X	-3.612	-3.612	0	%100
150	M157	Z	2.085	2.085	0	%100
151	M158	X	-1.222	-1.222	0	%100
152	M158	Z	.706	.706	0	%100
153	M160	X	-1.275	-1.275	0	%100
154	M160	Z	.736	.736	0	%100
155	M166	X	-.958	-.958	0	%100
156	M166	Z	.553	.553	0	%100
157	M168	X	-2.9	-2.9	0	%100
158	M168	Z	1.674	1.674	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,%]
159	M169	X	-.784	-.784	0	%100
160	M169	Z	.453	.453	0	%100
161	M178	X	-.784	-.784	0	%100
162	M178	Z	.453	.453	0	%100
163	M179	X	-1.223	-1.223	0	%100
164	M179	Z	.706	.706	0	%100
165	M182	X	-.902	-.902	0	%100
166	M182	Z	.521	.521	0	%100
167	M183	X	-3.607	-3.607	0	%100
168	M183	Z	2.083	2.083	0	%100
169	M187	X	-3.612	-3.612	0	%100
170	M187	Z	2.085	2.085	0	%100
171	M188	X	-1.222	-1.222	0	%100
172	M188	Z	.706	.706	0	%100
173	M190	X	-1.275	-1.275	0	%100
174	M190	Z	.736	.736	0	%100
175	M192	X	-3.612	-3.612	0	%100
176	M192	Z	2.085	2.085	0	%100
177	M193	X	-4.888	-4.888	0	%100
178	M193	Z	2.822	2.822	0	%100
179	M195	X	-5.101	-5.101	0	%100
180	M195	Z	2.945	2.945	0	%100
181	M200	X	-2.9	-2.9	0	%100
182	M200	Z	1.674	1.674	0	%100
183	M201	X	-.784	-.784	0	%100
184	M201	Z	.453	.453	0	%100
185	M202	X	-.784	-.784	0	%100
186	M202	Z	.453	.453	0	%100
187	M203	X	-1.223	-1.223	0	%100
188	M203	Z	.706	.706	0	%100
189	M206	X	-3.607	-3.607	0	%100
190	M206	Z	2.083	2.083	0	%100
191	M207	X	-.902	-.902	0	%100
192	M207	Z	.521	.521	0	%100
193	M211	X	-3.612	-3.612	0	%100
194	M211	Z	2.085	2.085	0	%100
195	M212	X	-4.888	-4.888	0	%100
196	M212	Z	2.822	2.822	0	%100
197	M214	X	-5.101	-5.101	0	%100
198	M214	Z	2.945	2.945	0	%100
199	M216	X	-3.612	-3.612	0	%100
200	M216	Z	2.085	2.085	0	%100
201	M217	X	-1.222	-1.222	0	%100
202	M217	Z	.706	.706	0	%100
203	M219	X	-1.275	-1.275	0	%100
204	M219	Z	.736	.736	0	%100
205	M224	X	0	0	0	%100
206	M224	Z	0	0	0	%100
207	M225	X	-3.137	-3.137	0	%100
208	M225	Z	1.811	1.811	0	%100
209	M226	X	-3.137	-3.137	0	%100
210	M226	Z	1.811	1.811	0	%100
211	M227	X	-4.894	-4.894	0	%100
212	M227	Z	2.825	2.825	0	%100
213	M230	X	-.902	-.902	0	%100
214	M230	Z	.521	.521	0	%100
215	M231	X	-.902	-.902	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,%]
216	M231	Z	.521	.521	0	%100
217	M235	X	0	0	0	%100
218	M235	Z	0	0	0	%100
219	M236	X	-1.222	-1.222	0	%100
220	M236	Z	.706	.706	0	%100
221	M238	X	-1.275	-1.275	0	%100
222	M238	Z	.736	.736	0	%100
223	M240	X	0	0	0	%100
224	M240	Z	0	0	0	%100
225	M241	X	-1.222	-1.222	0	%100
226	M241	Z	.706	.706	0	%100
227	M243	X	-1.275	-1.275	0	%100
228	M243	Z	.736	.736	0	%100
229	M248	X	-.958	-.958	0	%100
230	M248	Z	.553	.553	0	%100
231	M250	X	-3.097	-3.097	0	%100
232	M250	Z	1.788	1.788	0	%100
233	M230A	X	-3.831	-3.831	0	%100
234	M230A	Z	2.212	2.212	0	%100
235	MP3C	X	-3.424	-3.424	0	%100
236	MP3C	Z	1.977	1.977	0	%100
237	MP4C	X	-3.097	-3.097	0	%100
238	MP4C	Z	1.788	1.788	0	%100
239	MP2C	X	-3.097	-3.097	0	%100
240	MP2C	Z	1.788	1.788	0	%100
241	MP1C	X	-3.097	-3.097	0	%100
242	MP1C	Z	1.788	1.788	0	%100
243	M239A	X	-.958	-.958	0	%100
244	M239A	Z	.553	.553	0	%100
245	MP3B	X	-3.424	-3.424	0	%100
246	MP3B	Z	1.977	1.977	0	%100
247	MP4B	X	-3.097	-3.097	0	%100
248	MP4B	Z	1.788	1.788	0	%100
249	MP2B	X	-3.097	-3.097	0	%100
250	MP2B	Z	1.788	1.788	0	%100
251	MP1B	X	-3.097	-3.097	0	%100
252	MP1B	Z	1.788	1.788	0	%100
253	M254	X	-.856	-.856	0	%100
254	M254	Z	.494	.494	0	%100
255	M265	X	-.856	-.856	0	%100
256	M265	Z	.494	.494	0	%100
257	M276	X	-3.424	-3.424	0	%100
258	M276	Z	1.977	1.977	0	%100
259	M281	X	-3.104	-3.104	0	%100
260	M281	Z	1.792	1.792	0	%100
261	M282	X	-.776	-.776	0	%100
262	M282	Z	.448	.448	0	%100
263	M283	X	-.776	-.776	0	%100
264	M283	Z	.448	.448	0	%100
265	M284	X	-4.482	-4.482	0	%100
266	M284	Z	2.588	2.588	0	%100
267	M285	X	-3.54	-3.54	0	%100
268	M285	Z	2.044	2.044	0	%100
269	M286	X	-4.482	-4.482	0	%100
270	M286	Z	2.588	2.588	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	-4.465	-4.465	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	-3.953	-3.953	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-3.577	-3.577	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-3.577	-3.577	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-3.577	-3.577	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-3.124	-3.124	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-3.124	-3.124	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-5.561	-5.561	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-4.234	-4.234	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-4.417	-4.417	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-5.561	-5.561	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-4.234	-4.234	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-4.417	-4.417	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-1.116	-1.116	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-2.717	-2.717	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-2.717	-2.717	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-4.238	-4.238	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-3.124	-3.124	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-1.39	-1.39	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-4.234	-4.234	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-4.417	-4.417	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-1.39	-1.39	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100

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,%]
58	M71	Z	0	0	0	%100
59	M76A	X	-1.116	-1.116	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-2.717	-2.717	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-2.717	-2.717	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-4.238	-4.238	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-3.124	-3.124	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-1.39	-1.39	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-1.39	-1.39	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-4.234	-4.234	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-4.417	-4.417	0	%100
82	M95	Z	0	0	0	%100
83	M85B	X	-1.116	-1.116	0	%100
84	M85B	Z	0	0	0	%100
85	M86A	X	-2.717	-2.717	0	%100
86	M86A	Z	0	0	0	%100
87	M95A	X	-2.717	-2.717	0	%100
88	M95A	Z	0	0	0	%100
89	M96A	X	-4.238	-4.238	0	%100
90	M96A	Z	0	0	0	%100
91	M99A	X	-3.124	-3.124	0	%100
92	M99A	Z	0	0	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	0	0	0	%100
95	M104	X	-1.39	-1.39	0	%100
96	M104	Z	0	0	0	%100
97	M105	X	-4.234	-4.234	0	%100
98	M105	Z	0	0	0	%100
99	M107	X	-4.417	-4.417	0	%100
100	M107	Z	0	0	0	%100
101	M109	X	-1.39	-1.39	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	0	0	0	%100
107	M117	X	-1.116	-1.116	0	%100
108	M117	Z	0	0	0	%100
109	M118	X	-2.717	-2.717	0	%100
110	M118	Z	0	0	0	%100
111	M119	X	-2.717	-2.717	0	%100
112	M119	Z	0	0	0	%100
113	M120	X	-4.238	-4.238	0	%100
114	M120	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,%]
115	M123	X	0	0	0	%100
116	M123	Z	0	0	0	%100
117	M124	X	-3.124	-3.124	0	%100
118	M124	Z	0	0	0	%100
119	M128	X	-1.39	-1.39	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	0	0	0	%100
123	M131	X	0	0	0	%100
124	M131	Z	0	0	0	%100
125	M133	X	-1.39	-1.39	0	%100
126	M133	Z	0	0	0	%100
127	M134	X	-4.234	-4.234	0	%100
128	M134	Z	0	0	0	%100
129	M136	X	-4.417	-4.417	0	%100
130	M136	Z	0	0	0	%100
131	M141	X	-4.465	-4.465	0	%100
132	M141	Z	0	0	0	%100
133	M142	X	0	0	0	%100
134	M142	Z	0	0	0	%100
135	M143	X	0	0	0	%100
136	M143	Z	0	0	0	%100
137	M144	X	0	0	0	%100
138	M144	Z	0	0	0	%100
139	M147	X	-3.124	-3.124	0	%100
140	M147	Z	0	0	0	%100
141	M148	X	-3.124	-3.124	0	%100
142	M148	Z	0	0	0	%100
143	M152	X	-5.561	-5.561	0	%100
144	M152	Z	0	0	0	%100
145	M153	X	-4.234	-4.234	0	%100
146	M153	Z	0	0	0	%100
147	M155	X	-4.417	-4.417	0	%100
148	M155	Z	0	0	0	%100
149	M157	X	-5.561	-5.561	0	%100
150	M157	Z	0	0	0	%100
151	M158	X	-4.234	-4.234	0	%100
152	M158	Z	0	0	0	%100
153	M160	X	-4.417	-4.417	0	%100
154	M160	Z	0	0	0	%100
155	M166	X	0	0	0	%100
156	M166	Z	0	0	0	%100
157	M168	X	-1.116	-1.116	0	%100
158	M168	Z	0	0	0	%100
159	M169	X	-2.717	-2.717	0	%100
160	M169	Z	0	0	0	%100
161	M178	X	-2.717	-2.717	0	%100
162	M178	Z	0	0	0	%100
163	M179	X	-4.238	-4.238	0	%100
164	M179	Z	0	0	0	%100
165	M182	X	0	0	0	%100
166	M182	Z	0	0	0	%100
167	M183	X	-3.124	-3.124	0	%100
168	M183	Z	0	0	0	%100
169	M187	X	-1.39	-1.39	0	%100
170	M187	Z	0	0	0	%100
171	M188	X	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,%]
172	M188	Z	0	0	0	%100
173	M190	X	0	0	0	%100
174	M190	Z	0	0	0	%100
175	M192	X	-1.39	-1.39	0	%100
176	M192	Z	0	0	0	%100
177	M193	X	-4.234	-4.234	0	%100
178	M193	Z	0	0	0	%100
179	M195	X	-4.417	-4.417	0	%100
180	M195	Z	0	0	0	%100
181	M200	X	-4.465	-4.465	0	%100
182	M200	Z	0	0	0	%100
183	M201	X	0	0	0	%100
184	M201	Z	0	0	0	%100
185	M202	X	0	0	0	%100
186	M202	Z	0	0	0	%100
187	M203	X	0	0	0	%100
188	M203	Z	0	0	0	%100
189	M206	X	-3.124	-3.124	0	%100
190	M206	Z	0	0	0	%100
191	M207	X	-3.124	-3.124	0	%100
192	M207	Z	0	0	0	%100
193	M211	X	-5.561	-5.561	0	%100
194	M211	Z	0	0	0	%100
195	M212	X	-4.234	-4.234	0	%100
196	M212	Z	0	0	0	%100
197	M214	X	-4.417	-4.417	0	%100
198	M214	Z	0	0	0	%100
199	M216	X	-5.561	-5.561	0	%100
200	M216	Z	0	0	0	%100
201	M217	X	-4.234	-4.234	0	%100
202	M217	Z	0	0	0	%100
203	M219	X	-4.417	-4.417	0	%100
204	M219	Z	0	0	0	%100
205	M224	X	-1.116	-1.116	0	%100
206	M224	Z	0	0	0	%100
207	M225	X	-2.717	-2.717	0	%100
208	M225	Z	0	0	0	%100
209	M226	X	-2.717	-2.717	0	%100
210	M226	Z	0	0	0	%100
211	M227	X	-4.238	-4.238	0	%100
212	M227	Z	0	0	0	%100
213	M230	X	-3.124	-3.124	0	%100
214	M230	Z	0	0	0	%100
215	M231	X	0	0	0	%100
216	M231	Z	0	0	0	%100
217	M235	X	-1.39	-1.39	0	%100
218	M235	Z	0	0	0	%100
219	M236	X	-4.234	-4.234	0	%100
220	M236	Z	0	0	0	%100
221	M238	X	-4.417	-4.417	0	%100
222	M238	Z	0	0	0	%100
223	M240	X	-1.39	-1.39	0	%100
224	M240	Z	0	0	0	%100
225	M241	X	0	0	0	%100
226	M241	Z	0	0	0	%100
227	M243	X	0	0	0	%100
228	M243	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,%]
229	M248	X	0	0	0	%100
230	M248	Z	0	0	0	%100
231	M250	X	-3.577	-3.577	0	%100
232	M250	Z	0	0	0	%100
233	M230A	X	-3.318	-3.318	0	%100
234	M230A	Z	0	0	0	%100
235	MP3C	X	-3.953	-3.953	0	%100
236	MP3C	Z	0	0	0	%100
237	MP4C	X	-3.577	-3.577	0	%100
238	MP4C	Z	0	0	0	%100
239	MP2C	X	-3.577	-3.577	0	%100
240	MP2C	Z	0	0	0	%100
241	MP1C	X	-3.577	-3.577	0	%100
242	MP1C	Z	0	0	0	%100
243	M239A	X	-3.318	-3.318	0	%100
244	M239A	Z	0	0	0	%100
245	MP3B	X	-3.953	-3.953	0	%100
246	MP3B	Z	0	0	0	%100
247	MP4B	X	-3.577	-3.577	0	%100
248	MP4B	Z	0	0	0	%100
249	MP2B	X	-3.577	-3.577	0	%100
250	MP2B	Z	0	0	0	%100
251	MP1B	X	-3.577	-3.577	0	%100
252	MP1B	Z	0	0	0	%100
253	M254	X	-2.965	-2.965	0	%100
254	M254	Z	0	0	0	%100
255	M265	X	0	0	0	%100
256	M265	Z	0	0	0	%100
257	M276	X	-2.965	-2.965	0	%100
258	M276	Z	0	0	0	%100
259	M281	X	-2.688	-2.688	0	%100
260	M281	Z	0	0	0	%100
261	M282	X	0	0	0	%100
262	M282	Z	0	0	0	%100
263	M283	X	-2.688	-2.688	0	%100
264	M283	Z	0	0	0	%100
265	M284	X	-5.538	-5.538	0	%100
266	M284	Z	0	0	0	%100
267	M285	X	-4.45	-4.45	0	%100
268	M285	Z	0	0	0	%100
269	M286	X	-4.45	-4.45	0	%100
270	M286	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	-.958	-.958	0	%100
2	M1	Z	-.553	-.553	0	%100
3	M4	X	-2.9	-2.9	0	%100
4	M4	Z	-1.674	-1.674	0	%100
5	M10	X	-.784	-.784	0	%100
6	M10	Z	-.453	-.453	0	%100
7	MP3A	X	-3.424	-3.424	0	%100
8	MP3A	Z	-1.977	-1.977	0	%100
9	MP4A	X	-3.097	-3.097	0	%100
10	MP4A	Z	-1.788	-1.788	0	%100
11	MP2A	X	-3.097	-3.097	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,%]
12	MP2A	Z	-1.788	-1.788	0	%100
13	MP1A	X	-3.097	-3.097	0	%100
14	MP1A	Z	-1.788	-1.788	0	%100
15	M43	X	-.784	-.784	0	%100
16	M43	Z	-.453	-.453	0	%100
17	M46	X	-1.223	-1.223	0	%100
18	M46	Z	-.706	-.706	0	%100
19	M51B	X	-.902	-.902	0	%100
20	M51B	Z	-.521	-.521	0	%100
21	M52B	X	-3.607	-3.607	0	%100
22	M52B	Z	-2.083	-2.083	0	%100
23	M76	X	-3.612	-3.612	0	%100
24	M76	Z	-2.085	-2.085	0	%100
25	M77	X	-1.222	-1.222	0	%100
26	M77	Z	-.706	-.706	0	%100
27	M80	X	-1.275	-1.275	0	%100
28	M80	Z	-.736	-.736	0	%100
29	M84	X	-3.612	-3.612	0	%100
30	M84	Z	-2.085	-2.085	0	%100
31	M85	X	-4.888	-4.888	0	%100
32	M85	Z	-2.822	-2.822	0	%100
33	M91	X	-5.101	-5.101	0	%100
34	M91	Z	-2.945	-2.945	0	%100
35	M52A	X	-2.9	-2.9	0	%100
36	M52A	Z	-1.674	-1.674	0	%100
37	M53	X	-.784	-.784	0	%100
38	M53	Z	-.453	-.453	0	%100
39	M54	X	-.784	-.784	0	%100
40	M54	Z	-.453	-.453	0	%100
41	M55	X	-1.223	-1.223	0	%100
42	M55	Z	-.706	-.706	0	%100
43	M58A	X	-3.607	-3.607	0	%100
44	M58A	Z	-2.083	-2.083	0	%100
45	M59A	X	-.902	-.902	0	%100
46	M59A	Z	-.521	-.521	0	%100
47	M63	X	-3.612	-3.612	0	%100
48	M63	Z	-2.085	-2.085	0	%100
49	M64	X	-4.888	-4.888	0	%100
50	M64	Z	-2.822	-2.822	0	%100
51	M66	X	-5.101	-5.101	0	%100
52	M66	Z	-2.945	-2.945	0	%100
53	M68	X	-3.612	-3.612	0	%100
54	M68	Z	-2.085	-2.085	0	%100
55	M69	X	-1.222	-1.222	0	%100
56	M69	Z	-.706	-.706	0	%100
57	M71	X	-1.275	-1.275	0	%100
58	M71	Z	-.736	-.736	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-3.137	-3.137	0	%100
62	M77A	Z	-1.811	-1.811	0	%100
63	M78	X	-3.137	-3.137	0	%100
64	M78	Z	-1.811	-1.811	0	%100
65	M79A	X	-4.894	-4.894	0	%100
66	M79A	Z	-2.825	-2.825	0	%100
67	M82	X	-.902	-.902	0	%100
68	M82	Z	-.521	-.521	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,%]
69	M83A	X	-.902	-.902	0	%100
70	M83A	Z	-.521	-.521	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-1.222	-1.222	0	%100
74	M88A	Z	-.706	-.706	0	%100
75	M90	X	-1.275	-1.275	0	%100
76	M90	Z	-.736	-.736	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-1.222	-1.222	0	%100
80	M93	Z	-.706	-.706	0	%100
81	M95	X	-1.275	-1.275	0	%100
82	M95	Z	-.736	-.736	0	%100
83	M85B	X	-2.9	-2.9	0	%100
84	M85B	Z	-1.674	-1.674	0	%100
85	M86A	X	-.784	-.784	0	%100
86	M86A	Z	-.453	-.453	0	%100
87	M95A	X	-.784	-.784	0	%100
88	M95A	Z	-.453	-.453	0	%100
89	M96A	X	-1.223	-1.223	0	%100
90	M96A	Z	-.706	-.706	0	%100
91	M99A	X	-3.607	-3.607	0	%100
92	M99A	Z	-2.083	-2.083	0	%100
93	M100	X	-.902	-.902	0	%100
94	M100	Z	-.521	-.521	0	%100
95	M104	X	-3.612	-3.612	0	%100
96	M104	Z	-2.085	-2.085	0	%100
97	M105	X	-4.888	-4.888	0	%100
98	M105	Z	-2.822	-2.822	0	%100
99	M107	X	-5.101	-5.101	0	%100
100	M107	Z	-2.945	-2.945	0	%100
101	M109	X	-3.612	-3.612	0	%100
102	M109	Z	-2.085	-2.085	0	%100
103	M110	X	-1.222	-1.222	0	%100
104	M110	Z	-.706	-.706	0	%100
105	M112	X	-1.275	-1.275	0	%100
106	M112	Z	-.736	-.736	0	%100
107	M117	X	0	0	0	%100
108	M117	Z	0	0	0	%100
109	M118	X	-3.137	-3.137	0	%100
110	M118	Z	-1.811	-1.811	0	%100
111	M119	X	-3.137	-3.137	0	%100
112	M119	Z	-1.811	-1.811	0	%100
113	M120	X	-4.894	-4.894	0	%100
114	M120	Z	-2.825	-2.825	0	%100
115	M123	X	-.902	-.902	0	%100
116	M123	Z	-.521	-.521	0	%100
117	M124	X	-.902	-.902	0	%100
118	M124	Z	-.521	-.521	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	-1.222	-1.222	0	%100
122	M129	Z	-.706	-.706	0	%100
123	M131	X	-1.275	-1.275	0	%100
124	M131	Z	-.736	-.736	0	%100
125	M133	X	0	0	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,%]
126	M133	Z	0	0	0	%100
127	M134	X	-1.222	-1.222	0	%100
128	M134	Z	-.706	-.706	0	%100
129	M136	X	-1.275	-1.275	0	%100
130	M136	Z	-.736	-.736	0	%100
131	M141	X	-2.9	-2.9	0	%100
132	M141	Z	-1.674	-1.674	0	%100
133	M142	X	-.784	-.784	0	%100
134	M142	Z	-.453	-.453	0	%100
135	M143	X	-.784	-.784	0	%100
136	M143	Z	-.453	-.453	0	%100
137	M144	X	-1.223	-1.223	0	%100
138	M144	Z	-.706	-.706	0	%100
139	M147	X	-.902	-.902	0	%100
140	M147	Z	-.521	-.521	0	%100
141	M148	X	-3.607	-3.607	0	%100
142	M148	Z	-2.083	-2.083	0	%100
143	M152	X	-3.612	-3.612	0	%100
144	M152	Z	-2.085	-2.085	0	%100
145	M153	X	-1.222	-1.222	0	%100
146	M153	Z	-.706	-.706	0	%100
147	M155	X	-1.275	-1.275	0	%100
148	M155	Z	-.736	-.736	0	%100
149	M157	X	-3.612	-3.612	0	%100
150	M157	Z	-2.085	-2.085	0	%100
151	M158	X	-4.888	-4.888	0	%100
152	M158	Z	-2.822	-2.822	0	%100
153	M160	X	-5.101	-5.101	0	%100
154	M160	Z	-2.945	-2.945	0	%100
155	M166	X	-.958	-.958	0	%100
156	M166	Z	-.553	-.553	0	%100
157	M168	X	0	0	0	%100
158	M168	Z	0	0	0	%100
159	M169	X	-3.137	-3.137	0	%100
160	M169	Z	-1.811	-1.811	0	%100
161	M178	X	-3.137	-3.137	0	%100
162	M178	Z	-1.811	-1.811	0	%100
163	M179	X	-4.894	-4.894	0	%100
164	M179	Z	-2.825	-2.825	0	%100
165	M182	X	-.902	-.902	0	%100
166	M182	Z	-.521	-.521	0	%100
167	M183	X	-.902	-.902	0	%100
168	M183	Z	-.521	-.521	0	%100
169	M187	X	0	0	0	%100
170	M187	Z	0	0	0	%100
171	M188	X	-1.222	-1.222	0	%100
172	M188	Z	-.706	-.706	0	%100
173	M190	X	-1.275	-1.275	0	%100
174	M190	Z	-.736	-.736	0	%100
175	M192	X	0	0	0	%100
176	M192	Z	0	0	0	%100
177	M193	X	-1.222	-1.222	0	%100
178	M193	Z	-.706	-.706	0	%100
179	M195	X	-1.275	-1.275	0	%100
180	M195	Z	-.736	-.736	0	%100
181	M200	X	-2.9	-2.9	0	%100
182	M200	Z	-1.674	-1.674	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,%]
183	M201	X	-.784	-.784	0	%100
184	M201	Z	-.453	-.453	0	%100
185	M202	X	-.784	-.784	0	%100
186	M202	Z	-.453	-.453	0	%100
187	M203	X	-1.223	-1.223	0	%100
188	M203	Z	-.706	-.706	0	%100
189	M206	X	-.902	-.902	0	%100
190	M206	Z	-.521	-.521	0	%100
191	M207	X	-3.607	-3.607	0	%100
192	M207	Z	-2.083	-2.083	0	%100
193	M211	X	-3.612	-3.612	0	%100
194	M211	Z	-2.085	-2.085	0	%100
195	M212	X	-1.222	-1.222	0	%100
196	M212	Z	-.706	-.706	0	%100
197	M214	X	-1.275	-1.275	0	%100
198	M214	Z	-.736	-.736	0	%100
199	M216	X	-3.612	-3.612	0	%100
200	M216	Z	-2.085	-2.085	0	%100
201	M217	X	-4.888	-4.888	0	%100
202	M217	Z	-2.822	-2.822	0	%100
203	M219	X	-5.101	-5.101	0	%100
204	M219	Z	-2.945	-2.945	0	%100
205	M224	X	-2.9	-2.9	0	%100
206	M224	Z	-1.674	-1.674	0	%100
207	M225	X	-.784	-.784	0	%100
208	M225	Z	-.453	-.453	0	%100
209	M226	X	-.784	-.784	0	%100
210	M226	Z	-.453	-.453	0	%100
211	M227	X	-1.223	-1.223	0	%100
212	M227	Z	-.706	-.706	0	%100
213	M230	X	-3.607	-3.607	0	%100
214	M230	Z	-2.083	-2.083	0	%100
215	M231	X	-.902	-.902	0	%100
216	M231	Z	-.521	-.521	0	%100
217	M235	X	-3.612	-3.612	0	%100
218	M235	Z	-2.085	-2.085	0	%100
219	M236	X	-4.888	-4.888	0	%100
220	M236	Z	-2.822	-2.822	0	%100
221	M238	X	-5.101	-5.101	0	%100
222	M238	Z	-2.945	-2.945	0	%100
223	M240	X	-3.612	-3.612	0	%100
224	M240	Z	-2.085	-2.085	0	%100
225	M241	X	-1.222	-1.222	0	%100
226	M241	Z	-.706	-.706	0	%100
227	M243	X	-1.275	-1.275	0	%100
228	M243	Z	-.736	-.736	0	%100
229	M248	X	-.958	-.958	0	%100
230	M248	Z	-.553	-.553	0	%100
231	M250	X	-3.097	-3.097	0	%100
232	M250	Z	-1.788	-1.788	0	%100
233	M230A	X	-.958	-.958	0	%100
234	M230A	Z	-.553	-.553	0	%100
235	MP3C	X	-3.424	-3.424	0	%100
236	MP3C	Z	-1.977	-1.977	0	%100
237	MP4C	X	-3.097	-3.097	0	%100
238	MP4C	Z	-1.788	-1.788	0	%100
239	MP2C	X	-3.097	-3.097	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,%]
240	MP2C	Z	-1.788	-1.788	0	%100
241	MP1C	X	-3.097	-3.097	0	%100
242	MP1C	Z	-1.788	-1.788	0	%100
243	M239A	X	-3.831	-3.831	0	%100
244	M239A	Z	-2.212	-2.212	0	%100
245	MP3B	X	-3.424	-3.424	0	%100
246	MP3B	Z	-1.977	-1.977	0	%100
247	MP4B	X	-3.097	-3.097	0	%100
248	MP4B	Z	-1.788	-1.788	0	%100
249	MP2B	X	-3.097	-3.097	0	%100
250	MP2B	Z	-1.788	-1.788	0	%100
251	MP1B	X	-3.097	-3.097	0	%100
252	MP1B	Z	-1.788	-1.788	0	%100
253	M254	X	-3.424	-3.424	0	%100
254	M254	Z	-1.977	-1.977	0	%100
255	M265	X	-.856	-.856	0	%100
256	M265	Z	-.494	-.494	0	%100
257	M276	X	-.856	-.856	0	%100
258	M276	Z	-.494	-.494	0	%100
259	M281	X	-.776	-.776	0	%100
260	M281	Z	-.448	-.448	0	%100
261	M282	X	-.776	-.776	0	%100
262	M282	Z	-.448	-.448	0	%100
263	M283	X	-3.104	-3.104	0	%100
264	M283	Z	-1.792	-1.792	0	%100
265	M284	X	-4.482	-4.482	0	%100
266	M284	Z	-2.588	-2.588	0	%100
267	M285	X	-4.482	-4.482	0	%100
268	M285	Z	-2.588	-2.588	0	%100
269	M286	X	-3.54	-3.54	0	%100
270	M286	Z	-2.044	-2.044	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	-1.659	-1.659	0	%100
2	M1	Z	-2.873	-2.873	0	%100
3	M4	X	-.558	-.558	0	%100
4	M4	Z	-.967	-.967	0	%100
5	M10	X	-1.359	-1.359	0	%100
6	M10	Z	-2.353	-2.353	0	%100
7	MP3A	X	-1.977	-1.977	0	%100
8	MP3A	Z	-3.424	-3.424	0	%100
9	MP4A	X	-1.788	-1.788	0	%100
10	MP4A	Z	-3.097	-3.097	0	%100
11	MP2A	X	-1.788	-1.788	0	%100
12	MP2A	Z	-3.097	-3.097	0	%100
13	MP1A	X	-1.788	-1.788	0	%100
14	MP1A	Z	-3.097	-3.097	0	%100
15	M43	X	-1.359	-1.359	0	%100
16	M43	Z	-2.353	-2.353	0	%100
17	M46	X	-2.119	-2.119	0	%100
18	M46	Z	-3.67	-3.67	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.562	-1.562	0	%100
22	M52B	Z	-2.706	-2.706	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,%]
23	M76	X	-.695	-.695	0	%100
24	M76	Z	-1.204	-1.204	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	-.695	-.695	0	%100
30	M84	Z	-1.204	-1.204	0	%100
31	M85	X	-2.117	-2.117	0	%100
32	M85	Z	-3.666	-3.666	0	%100
33	M91	X	-2.209	-2.209	0	%100
34	M91	Z	-3.826	-3.826	0	%100
35	M52A	X	-2.233	-2.233	0	%100
36	M52A	Z	-3.867	-3.867	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-1.562	-1.562	0	%100
44	M58A	Z	-2.706	-2.706	0	%100
45	M59A	X	-1.562	-1.562	0	%100
46	M59A	Z	-2.706	-2.706	0	%100
47	M63	X	-2.781	-2.781	0	%100
48	M63	Z	-4.816	-4.816	0	%100
49	M64	X	-2.117	-2.117	0	%100
50	M64	Z	-3.666	-3.666	0	%100
51	M66	X	-2.209	-2.209	0	%100
52	M66	Z	-3.826	-3.826	0	%100
53	M68	X	-2.781	-2.781	0	%100
54	M68	Z	-4.816	-4.816	0	%100
55	M69	X	-2.117	-2.117	0	%100
56	M69	Z	-3.666	-3.666	0	%100
57	M71	X	-2.209	-2.209	0	%100
58	M71	Z	-3.826	-3.826	0	%100
59	M76A	X	-.558	-.558	0	%100
60	M76A	Z	-.967	-.967	0	%100
61	M77A	X	-1.359	-1.359	0	%100
62	M77A	Z	-2.353	-2.353	0	%100
63	M78	X	-1.359	-1.359	0	%100
64	M78	Z	-2.353	-2.353	0	%100
65	M79A	X	-2.119	-2.119	0	%100
66	M79A	Z	-3.67	-3.67	0	%100
67	M82	X	-1.562	-1.562	0	%100
68	M82	Z	-2.706	-2.706	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.695	-.695	0	%100
72	M87	Z	-1.204	-1.204	0	%100
73	M88A	X	-2.117	-2.117	0	%100
74	M88A	Z	-3.666	-3.666	0	%100
75	M90	X	-2.209	-2.209	0	%100
76	M90	Z	-3.826	-3.826	0	%100
77	M92A	X	-.695	-.695	0	%100
78	M92A	Z	-1.204	-1.204	0	%100
79	M93	X	0	0	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,%]
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M85B	X	-2.233	-2.233	0	%100
84	M85B	Z	-3.867	-3.867	0	%100
85	M86A	X	0	0	0	%100
86	M86A	Z	0	0	0	%100
87	M95A	X	0	0	0	%100
88	M95A	Z	0	0	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	0	0	0	%100
91	M99A	X	-1.562	-1.562	0	%100
92	M99A	Z	-2.706	-2.706	0	%100
93	M100	X	-1.562	-1.562	0	%100
94	M100	Z	-2.706	-2.706	0	%100
95	M104	X	-2.781	-2.781	0	%100
96	M104	Z	-4.816	-4.816	0	%100
97	M105	X	-2.117	-2.117	0	%100
98	M105	Z	-3.666	-3.666	0	%100
99	M107	X	-2.209	-2.209	0	%100
100	M107	Z	-3.826	-3.826	0	%100
101	M109	X	-2.781	-2.781	0	%100
102	M109	Z	-4.816	-4.816	0	%100
103	M110	X	-2.117	-2.117	0	%100
104	M110	Z	-3.666	-3.666	0	%100
105	M112	X	-2.209	-2.209	0	%100
106	M112	Z	-3.826	-3.826	0	%100
107	M117	X	-.558	-.558	0	%100
108	M117	Z	-.967	-.967	0	%100
109	M118	X	-1.359	-1.359	0	%100
110	M118	Z	-2.353	-2.353	0	%100
111	M119	X	-1.359	-1.359	0	%100
112	M119	Z	-2.353	-2.353	0	%100
113	M120	X	-2.119	-2.119	0	%100
114	M120	Z	-3.67	-3.67	0	%100
115	M123	X	-1.562	-1.562	0	%100
116	M123	Z	-2.706	-2.706	0	%100
117	M124	X	0	0	0	%100
118	M124	Z	0	0	0	%100
119	M128	X	-.695	-.695	0	%100
120	M128	Z	-1.204	-1.204	0	%100
121	M129	X	-2.117	-2.117	0	%100
122	M129	Z	-3.666	-3.666	0	%100
123	M131	X	-2.209	-2.209	0	%100
124	M131	Z	-3.826	-3.826	0	%100
125	M133	X	-.695	-.695	0	%100
126	M133	Z	-1.204	-1.204	0	%100
127	M134	X	0	0	0	%100
128	M134	Z	0	0	0	%100
129	M136	X	0	0	0	%100
130	M136	Z	0	0	0	%100
131	M141	X	-.558	-.558	0	%100
132	M141	Z	-.967	-.967	0	%100
133	M142	X	-1.359	-1.359	0	%100
134	M142	Z	-2.353	-2.353	0	%100
135	M143	X	-1.359	-1.359	0	%100
136	M143	Z	-2.353	-2.353	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,%]
137	M144	X	-2.119	-2.119	0	%100
138	M144	Z	-3.67	-3.67	0	%100
139	M147	X	0	0	0	%100
140	M147	Z	0	0	0	%100
141	M148	X	-1.562	-1.562	0	%100
142	M148	Z	-2.706	-2.706	0	%100
143	M152	X	-.695	-.695	0	%100
144	M152	Z	-1.204	-1.204	0	%100
145	M153	X	0	0	0	%100
146	M153	Z	0	0	0	%100
147	M155	X	0	0	0	%100
148	M155	Z	0	0	0	%100
149	M157	X	-.695	-.695	0	%100
150	M157	Z	-1.204	-1.204	0	%100
151	M158	X	-2.117	-2.117	0	%100
152	M158	Z	-3.666	-3.666	0	%100
153	M160	X	-2.209	-2.209	0	%100
154	M160	Z	-3.826	-3.826	0	%100
155	M166	X	-1.659	-1.659	0	%100
156	M166	Z	-2.873	-2.873	0	%100
157	M168	X	-.558	-.558	0	%100
158	M168	Z	-.967	-.967	0	%100
159	M169	X	-1.359	-1.359	0	%100
160	M169	Z	-2.353	-2.353	0	%100
161	M178	X	-1.359	-1.359	0	%100
162	M178	Z	-2.353	-2.353	0	%100
163	M179	X	-2.119	-2.119	0	%100
164	M179	Z	-3.67	-3.67	0	%100
165	M182	X	-1.562	-1.562	0	%100
166	M182	Z	-2.706	-2.706	0	%100
167	M183	X	0	0	0	%100
168	M183	Z	0	0	0	%100
169	M187	X	-.695	-.695	0	%100
170	M187	Z	-1.204	-1.204	0	%100
171	M188	X	-2.117	-2.117	0	%100
172	M188	Z	-3.666	-3.666	0	%100
173	M190	X	-2.209	-2.209	0	%100
174	M190	Z	-3.826	-3.826	0	%100
175	M192	X	-.695	-.695	0	%100
176	M192	Z	-1.204	-1.204	0	%100
177	M193	X	0	0	0	%100
178	M193	Z	0	0	0	%100
179	M195	X	0	0	0	%100
180	M195	Z	0	0	0	%100
181	M200	X	-.558	-.558	0	%100
182	M200	Z	-.967	-.967	0	%100
183	M201	X	-1.359	-1.359	0	%100
184	M201	Z	-2.353	-2.353	0	%100
185	M202	X	-1.359	-1.359	0	%100
186	M202	Z	-2.353	-2.353	0	%100
187	M203	X	-2.119	-2.119	0	%100
188	M203	Z	-3.67	-3.67	0	%100
189	M206	X	0	0	0	%100
190	M206	Z	0	0	0	%100
191	M207	X	-1.562	-1.562	0	%100
192	M207	Z	-2.706	-2.706	0	%100
193	M211	X	-.695	-.695	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,%]
194	M211	Z	-1.204	-1.204	0	%100
195	M212	X	0	0	0	%100
196	M212	Z	0	0	0	%100
197	M214	X	0	0	0	%100
198	M214	Z	0	0	0	%100
199	M216	X	-.695	-.695	0	%100
200	M216	Z	-1.204	-1.204	0	%100
201	M217	X	-2.117	-2.117	0	%100
202	M217	Z	-3.666	-3.666	0	%100
203	M219	X	-2.209	-2.209	0	%100
204	M219	Z	-3.826	-3.826	0	%100
205	M224	X	-2.233	-2.233	0	%100
206	M224	Z	-3.867	-3.867	0	%100
207	M225	X	0	0	0	%100
208	M225	Z	0	0	0	%100
209	M226	X	0	0	0	%100
210	M226	Z	0	0	0	%100
211	M227	X	0	0	0	%100
212	M227	Z	0	0	0	%100
213	M230	X	-1.562	-1.562	0	%100
214	M230	Z	-2.706	-2.706	0	%100
215	M231	X	-1.562	-1.562	0	%100
216	M231	Z	-2.706	-2.706	0	%100
217	M235	X	-2.781	-2.781	0	%100
218	M235	Z	-4.816	-4.816	0	%100
219	M236	X	-2.117	-2.117	0	%100
220	M236	Z	-3.666	-3.666	0	%100
221	M238	X	-2.209	-2.209	0	%100
222	M238	Z	-3.826	-3.826	0	%100
223	M240	X	-2.781	-2.781	0	%100
224	M240	Z	-4.816	-4.816	0	%100
225	M241	X	-2.117	-2.117	0	%100
226	M241	Z	-3.666	-3.666	0	%100
227	M243	X	-2.209	-2.209	0	%100
228	M243	Z	-3.826	-3.826	0	%100
229	M248	X	-1.659	-1.659	0	%100
230	M248	Z	-2.873	-2.873	0	%100
231	M250	X	-1.788	-1.788	0	%100
232	M250	Z	-3.097	-3.097	0	%100
233	M230A	X	0	0	0	%100
234	M230A	Z	0	0	0	%100
235	MP3C	X	-1.977	-1.977	0	%100
236	MP3C	Z	-3.424	-3.424	0	%100
237	MP4C	X	-1.788	-1.788	0	%100
238	MP4C	Z	-3.097	-3.097	0	%100
239	MP2C	X	-1.788	-1.788	0	%100
240	MP2C	Z	-3.097	-3.097	0	%100
241	MP1C	X	-1.788	-1.788	0	%100
242	MP1C	Z	-3.097	-3.097	0	%100
243	M239A	X	-1.659	-1.659	0	%100
244	M239A	Z	-2.873	-2.873	0	%100
245	MP3B	X	-1.977	-1.977	0	%100
246	MP3B	Z	-3.424	-3.424	0	%100
247	MP4B	X	-1.788	-1.788	0	%100
248	MP4B	Z	-3.097	-3.097	0	%100
249	MP2B	X	-1.788	-1.788	0	%100
250	MP2B	Z	-3.097	-3.097	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,%]
251	MP1B	X	-1.788	-1.788	0	%100
252	MP1B	Z	-3.097	-3.097	0	%100
253	M254	X	-1.482	-1.482	0	%100
254	M254	Z	-2.568	-2.568	0	%100
255	M265	X	-1.482	-1.482	0	%100
256	M265	Z	-2.568	-2.568	0	%100
257	M276	X	0	0	0	%100
258	M276	Z	0	0	0	%100
259	M281	X	0	0	0	%100
260	M281	Z	0	0	0	%100
261	M282	X	-1.344	-1.344	0	%100
262	M282	Z	-2.328	-2.328	0	%100
263	M283	X	-1.344	-1.344	0	%100
264	M283	Z	-2.328	-2.328	0	%100
265	M284	X	-2.225	-2.225	0	%100
266	M284	Z	-3.854	-3.854	0	%100
267	M285	X	-2.769	-2.769	0	%100
268	M285	Z	-4.796	-4.796	0	%100
269	M286	X	-2.225	-2.225	0	%100
270	M286	Z	-3.854	-3.854	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	-.949	-.949	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	-.815	-.815	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.779	-.779	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.644	-.644	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.644	-.644	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.644	-.644	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.815	-.815	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.626	-1.626	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.226	-.226	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.226	-.226	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	-.414	-.414	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.436	-.436	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	-.414	-.414	0	%100
33	M91	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M91	Z	-.436	-.436	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-.723	-.723	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-.204	-.204	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-.204	-.204	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-.407	-.407	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-.226	-.226	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-.903	-.903	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-1.22	-1.22	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-.414	-.414	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-.436	-.436	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-1.22	-1.22	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-1.657	-1.657	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-1.745	-1.745	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-.723	-.723	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-.204	-.204	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-.204	-.204	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-.407	-.407	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-.903	-.903	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-.226	-.226	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-1.22	-1.22	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-1.657	-1.657	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-1.745	-1.745	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-1.22	-1.22	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-.414	-.414	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-.436	-.436	0	%100
83	M85B	X	0	0	0	%100
84	M85B	Z	-.723	-.723	0	%100
85	M86A	X	0	0	0	%100
86	M86A	Z	-.204	-.204	0	%100
87	M95A	X	0	0	0	%100
88	M95A	Z	-.204	-.204	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	-.407	-.407	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,%]
91	M99A	X	0	0	0	%100
92	M99A	Z	-.226	-.226	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	-.903	-.903	0	%100
95	M104	X	0	0	0	%100
96	M104	Z	-1.22	-1.22	0	%100
97	M105	X	0	0	0	%100
98	M105	Z	-.414	-.414	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-.436	-.436	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	-1.22	-1.22	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	-1.657	-1.657	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	-1.745	-1.745	0	%100
107	M117	X	0	0	0	%100
108	M117	Z	-.723	-.723	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	-.204	-.204	0	%100
111	M119	X	0	0	0	%100
112	M119	Z	-.204	-.204	0	%100
113	M120	X	0	0	0	%100
114	M120	Z	-.407	-.407	0	%100
115	M123	X	0	0	0	%100
116	M123	Z	-.903	-.903	0	%100
117	M124	X	0	0	0	%100
118	M124	Z	-.226	-.226	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	-1.22	-1.22	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	-1.657	-1.657	0	%100
123	M131	X	0	0	0	%100
124	M131	Z	-1.745	-1.745	0	%100
125	M133	X	0	0	0	%100
126	M133	Z	-1.22	-1.22	0	%100
127	M134	X	0	0	0	%100
128	M134	Z	-.414	-.414	0	%100
129	M136	X	0	0	0	%100
130	M136	Z	-.436	-.436	0	%100
131	M141	X	0	0	0	%100
132	M141	Z	0	0	0	%100
133	M142	X	0	0	0	%100
134	M142	Z	-.815	-.815	0	%100
135	M143	X	0	0	0	%100
136	M143	Z	-.815	-.815	0	%100
137	M144	X	0	0	0	%100
138	M144	Z	-1.626	-1.626	0	%100
139	M147	X	0	0	0	%100
140	M147	Z	-.226	-.226	0	%100
141	M148	X	0	0	0	%100
142	M148	Z	-.226	-.226	0	%100
143	M152	X	0	0	0	%100
144	M152	Z	0	0	0	%100
145	M153	X	0	0	0	%100
146	M153	Z	-.414	-.414	0	%100
147	M155	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
148	M155	Z	-.436	-.436	0	%100
149	M157	X	0	0	0	%100
150	M157	Z	0	0	0	%100
151	M158	X	0	0	0	%100
152	M158	Z	-.414	-.414	0	%100
153	M160	X	0	0	0	%100
154	M160	Z	-.436	-.436	0	%100
155	M166	X	0	0	0	%100
156	M166	Z	-.949	-.949	0	%100
157	M168	X	0	0	0	%100
158	M168	Z	-.723	-.723	0	%100
159	M169	X	0	0	0	%100
160	M169	Z	-.204	-.204	0	%100
161	M178	X	0	0	0	%100
162	M178	Z	-.204	-.204	0	%100
163	M179	X	0	0	0	%100
164	M179	Z	-.407	-.407	0	%100
165	M182	X	0	0	0	%100
166	M182	Z	-.903	-.903	0	%100
167	M183	X	0	0	0	%100
168	M183	Z	-.226	-.226	0	%100
169	M187	X	0	0	0	%100
170	M187	Z	-1.22	-1.22	0	%100
171	M188	X	0	0	0	%100
172	M188	Z	-1.657	-1.657	0	%100
173	M190	X	0	0	0	%100
174	M190	Z	-1.745	-1.745	0	%100
175	M192	X	0	0	0	%100
176	M192	Z	-1.22	-1.22	0	%100
177	M193	X	0	0	0	%100
178	M193	Z	-.414	-.414	0	%100
179	M195	X	0	0	0	%100
180	M195	Z	-.436	-.436	0	%100
181	M200	X	0	0	0	%100
182	M200	Z	0	0	0	%100
183	M201	X	0	0	0	%100
184	M201	Z	-.815	-.815	0	%100
185	M202	X	0	0	0	%100
186	M202	Z	-.815	-.815	0	%100
187	M203	X	0	0	0	%100
188	M203	Z	-1.626	-1.626	0	%100
189	M206	X	0	0	0	%100
190	M206	Z	-.226	-.226	0	%100
191	M207	X	0	0	0	%100
192	M207	Z	-.226	-.226	0	%100
193	M211	X	0	0	0	%100
194	M211	Z	0	0	0	%100
195	M212	X	0	0	0	%100
196	M212	Z	-.414	-.414	0	%100
197	M214	X	0	0	0	%100
198	M214	Z	-.436	-.436	0	%100
199	M216	X	0	0	0	%100
200	M216	Z	0	0	0	%100
201	M217	X	0	0	0	%100
202	M217	Z	-.414	-.414	0	%100
203	M219	X	0	0	0	%100
204	M219	Z	-.436	-.436	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,%]
205	M224	X	0	0	0	%100
206	M224	Z	-.723	-.723	0	%100
207	M225	X	0	0	0	%100
208	M225	Z	-.204	-.204	0	%100
209	M226	X	0	0	0	%100
210	M226	Z	-.204	-.204	0	%100
211	M227	X	0	0	0	%100
212	M227	Z	-.407	-.407	0	%100
213	M230	X	0	0	0	%100
214	M230	Z	-.226	-.226	0	%100
215	M231	X	0	0	0	%100
216	M231	Z	-.903	-.903	0	%100
217	M235	X	0	0	0	%100
218	M235	Z	-1.22	-1.22	0	%100
219	M236	X	0	0	0	%100
220	M236	Z	-.414	-.414	0	%100
221	M238	X	0	0	0	%100
222	M238	Z	-.436	-.436	0	%100
223	M240	X	0	0	0	%100
224	M240	Z	-1.22	-1.22	0	%100
225	M241	X	0	0	0	%100
226	M241	Z	-1.657	-1.657	0	%100
227	M243	X	0	0	0	%100
228	M243	Z	-1.745	-1.745	0	%100
229	M248	X	0	0	0	%100
230	M248	Z	-.949	-.949	0	%100
231	M250	X	0	0	0	%100
232	M250	Z	-.644	-.644	0	%100
233	M230A	X	0	0	0	%100
234	M230A	Z	-.237	-.237	0	%100
235	MP3C	X	0	0	0	%100
236	MP3C	Z	-.779	-.779	0	%100
237	MP4C	X	0	0	0	%100
238	MP4C	Z	-.644	-.644	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	-.644	-.644	0	%100
241	MP1C	X	0	0	0	%100
242	MP1C	Z	-.644	-.644	0	%100
243	M239A	X	0	0	0	%100
244	M239A	Z	-.237	-.237	0	%100
245	MP3B	X	0	0	0	%100
246	MP3B	Z	-.779	-.779	0	%100
247	MP4B	X	0	0	0	%100
248	MP4B	Z	-.644	-.644	0	%100
249	MP2B	X	0	0	0	%100
250	MP2B	Z	-.644	-.644	0	%100
251	MP1B	X	0	0	0	%100
252	MP1B	Z	-.644	-.644	0	%100
253	M254	X	0	0	0	%100
254	M254	Z	-.195	-.195	0	%100
255	M265	X	0	0	0	%100
256	M265	Z	-.779	-.779	0	%100
257	M276	X	0	0	0	%100
258	M276	Z	-.195	-.195	0	%100
259	M281	X	0	0	0	%100
260	M281	Z	-.219	-.219	0	%100
261	M282	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
262	M282	Z	-.876	-.876	0	%100
263	M283	X	0	0	0	%100
264	M283	Z	-.219	-.219	0	%100
265	M284	X	0	0	0	%100
266	M284	Z	-1.131	-1.131	0	%100
267	M285	X	0	0	0	%100
268	M285	Z	-1.295	-1.295	0	%100
269	M286	X	0	0	0	%100
270	M286	Z	-1.295	-1.295	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	.356	.356	0	%100
2	M1	Z	-.616	-.616	0	%100
3	M4	X	.12	.12	0	%100
4	M4	Z	-.209	-.209	0	%100
5	M10	X	.306	.306	0	%100
6	M10	Z	-.53	-.53	0	%100
7	MP3A	X	.39	.39	0	%100
8	MP3A	Z	-.675	-.675	0	%100
9	MP4A	X	.322	.322	0	%100
10	MP4A	Z	-.558	-.558	0	%100
11	MP2A	X	.322	.322	0	%100
12	MP2A	Z	-.558	-.558	0	%100
13	MP1A	X	.322	.322	0	%100
14	MP1A	Z	-.558	-.558	0	%100
15	M43	X	.306	.306	0	%100
16	M43	Z	-.53	-.53	0	%100
17	M46	X	.61	.61	0	%100
18	M46	Z	-1.056	-1.056	0	%100
19	M51B	X	.339	.339	0	%100
20	M51B	Z	-.587	-.587	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.203	.203	0	%100
24	M76	Z	-.352	-.352	0	%100
25	M77	X	.621	.621	0	%100
26	M77	Z	-1.076	-1.076	0	%100
27	M80	X	.654	.654	0	%100
28	M80	Z	-1.133	-1.133	0	%100
29	M84	X	.203	.203	0	%100
30	M84	Z	-.352	-.352	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.12	.12	0	%100
36	M52A	Z	-.209	-.209	0	%100
37	M53	X	.306	.306	0	%100
38	M53	Z	-.53	-.53	0	%100
39	M54	X	.306	.306	0	%100
40	M54	Z	-.53	-.53	0	%100
41	M55	X	.61	.61	0	%100
42	M55	Z	-1.056	-1.056	0	%100
43	M58A	X	0	0	0	%100
44	M58A	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,%]
45	M59A	X	.339	.339	0	%100
46	M59A	Z	-.587	-.587	0	%100
47	M63	X	.203	.203	0	%100
48	M63	Z	-.352	-.352	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.203	.203	0	%100
54	M68	Z	-.352	-.352	0	%100
55	M69	X	.621	.621	0	%100
56	M69	Z	-1.076	-1.076	0	%100
57	M71	X	.654	.654	0	%100
58	M71	Z	-1.133	-1.133	0	%100
59	M76A	X	.482	.482	0	%100
60	M76A	Z	-.835	-.835	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	.339	.339	0	%100
68	M82	Z	-.587	-.587	0	%100
69	M83A	X	.339	.339	0	%100
70	M83A	Z	-.587	-.587	0	%100
71	M87	X	.813	.813	0	%100
72	M87	Z	-1.409	-1.409	0	%100
73	M88A	X	.621	.621	0	%100
74	M88A	Z	-1.076	-1.076	0	%100
75	M90	X	.654	.654	0	%100
76	M90	Z	-1.133	-1.133	0	%100
77	M92A	X	.813	.813	0	%100
78	M92A	Z	-1.409	-1.409	0	%100
79	M93	X	.621	.621	0	%100
80	M93	Z	-1.076	-1.076	0	%100
81	M95	X	.654	.654	0	%100
82	M95	Z	-1.133	-1.133	0	%100
83	M85B	X	.12	.12	0	%100
84	M85B	Z	-.209	-.209	0	%100
85	M86A	X	.306	.306	0	%100
86	M86A	Z	-.53	-.53	0	%100
87	M95A	X	.306	.306	0	%100
88	M95A	Z	-.53	-.53	0	%100
89	M96A	X	.61	.61	0	%100
90	M96A	Z	-1.056	-1.056	0	%100
91	M99A	X	0	0	0	%100
92	M99A	Z	0	0	0	%100
93	M100	X	.339	.339	0	%100
94	M100	Z	-.587	-.587	0	%100
95	M104	X	.203	.203	0	%100
96	M104	Z	-.352	-.352	0	%100
97	M105	X	0	0	0	%100
98	M105	Z	0	0	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M109	X	.203	.203	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,%]
102	M109	Z	-.352	-.352	0	%100
103	M110	X	.621	.621	0	%100
104	M110	Z	-1.076	-1.076	0	%100
105	M112	X	.654	.654	0	%100
106	M112	Z	-1.133	-1.133	0	%100
107	M117	X	.482	.482	0	%100
108	M117	Z	-.835	-.835	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	0	0	0	%100
111	M119	X	0	0	0	%100
112	M119	Z	0	0	0	%100
113	M120	X	0	0	0	%100
114	M120	Z	0	0	0	%100
115	M123	X	.339	.339	0	%100
116	M123	Z	-.587	-.587	0	%100
117	M124	X	.339	.339	0	%100
118	M124	Z	-.587	-.587	0	%100
119	M128	X	.813	.813	0	%100
120	M128	Z	-1.409	-1.409	0	%100
121	M129	X	.621	.621	0	%100
122	M129	Z	-1.076	-1.076	0	%100
123	M131	X	.654	.654	0	%100
124	M131	Z	-1.133	-1.133	0	%100
125	M133	X	.813	.813	0	%100
126	M133	Z	-1.409	-1.409	0	%100
127	M134	X	.621	.621	0	%100
128	M134	Z	-1.076	-1.076	0	%100
129	M136	X	.654	.654	0	%100
130	M136	Z	-1.133	-1.133	0	%100
131	M141	X	.12	.12	0	%100
132	M141	Z	-.209	-.209	0	%100
133	M142	X	.306	.306	0	%100
134	M142	Z	-.53	-.53	0	%100
135	M143	X	.306	.306	0	%100
136	M143	Z	-.53	-.53	0	%100
137	M144	X	.61	.61	0	%100
138	M144	Z	-1.056	-1.056	0	%100
139	M147	X	.339	.339	0	%100
140	M147	Z	-.587	-.587	0	%100
141	M148	X	0	0	0	%100
142	M148	Z	0	0	0	%100
143	M152	X	.203	.203	0	%100
144	M152	Z	-.352	-.352	0	%100
145	M153	X	.621	.621	0	%100
146	M153	Z	-1.076	-1.076	0	%100
147	M155	X	.654	.654	0	%100
148	M155	Z	-1.133	-1.133	0	%100
149	M157	X	.203	.203	0	%100
150	M157	Z	-.352	-.352	0	%100
151	M158	X	0	0	0	%100
152	M158	Z	0	0	0	%100
153	M160	X	0	0	0	%100
154	M160	Z	0	0	0	%100
155	M166	X	.356	.356	0	%100
156	M166	Z	-.616	-.616	0	%100
157	M168	X	.482	.482	0	%100
158	M168	Z	-.835	-.835	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,%]
159	M169	X	0	0	0	%100
160	M169	Z	0	0	0	%100
161	M178	X	0	0	0	%100
162	M178	Z	0	0	0	%100
163	M179	X	0	0	0	%100
164	M179	Z	0	0	0	%100
165	M182	X	.339	.339	0	%100
166	M182	Z	-.587	-.587	0	%100
167	M183	X	.339	.339	0	%100
168	M183	Z	-.587	-.587	0	%100
169	M187	X	.813	.813	0	%100
170	M187	Z	-1.409	-1.409	0	%100
171	M188	X	.621	.621	0	%100
172	M188	Z	-1.076	-1.076	0	%100
173	M190	X	.654	.654	0	%100
174	M190	Z	-1.133	-1.133	0	%100
175	M192	X	.813	.813	0	%100
176	M192	Z	-1.409	-1.409	0	%100
177	M193	X	.621	.621	0	%100
178	M193	Z	-1.076	-1.076	0	%100
179	M195	X	.654	.654	0	%100
180	M195	Z	-1.133	-1.133	0	%100
181	M200	X	.12	.12	0	%100
182	M200	Z	-.209	-.209	0	%100
183	M201	X	.306	.306	0	%100
184	M201	Z	-.53	-.53	0	%100
185	M202	X	.306	.306	0	%100
186	M202	Z	-.53	-.53	0	%100
187	M203	X	.61	.61	0	%100
188	M203	Z	-1.056	-1.056	0	%100
189	M206	X	.339	.339	0	%100
190	M206	Z	-.587	-.587	0	%100
191	M207	X	0	0	0	%100
192	M207	Z	0	0	0	%100
193	M211	X	.203	.203	0	%100
194	M211	Z	-.352	-.352	0	%100
195	M212	X	.621	.621	0	%100
196	M212	Z	-1.076	-1.076	0	%100
197	M214	X	.654	.654	0	%100
198	M214	Z	-1.133	-1.133	0	%100
199	M216	X	.203	.203	0	%100
200	M216	Z	-.352	-.352	0	%100
201	M217	X	0	0	0	%100
202	M217	Z	0	0	0	%100
203	M219	X	0	0	0	%100
204	M219	Z	0	0	0	%100
205	M224	X	.12	.12	0	%100
206	M224	Z	-.209	-.209	0	%100
207	M225	X	.306	.306	0	%100
208	M225	Z	-.53	-.53	0	%100
209	M226	X	.306	.306	0	%100
210	M226	Z	-.53	-.53	0	%100
211	M227	X	.61	.61	0	%100
212	M227	Z	-1.056	-1.056	0	%100
213	M230	X	0	0	0	%100
214	M230	Z	0	0	0	%100
215	M231	X	.339	.339	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,%]
216	M231	Z	-.587	-.587	0	%100
217	M235	X	.203	.203	0	%100
218	M235	Z	-.352	-.352	0	%100
219	M236	X	0	0	0	%100
220	M236	Z	0	0	0	%100
221	M238	X	0	0	0	%100
222	M238	Z	0	0	0	%100
223	M240	X	.203	.203	0	%100
224	M240	Z	-.352	-.352	0	%100
225	M241	X	.621	.621	0	%100
226	M241	Z	-1.076	-1.076	0	%100
227	M243	X	.654	.654	0	%100
228	M243	Z	-1.133	-1.133	0	%100
229	M248	X	.356	.356	0	%100
230	M248	Z	-.616	-.616	0	%100
231	M250	X	.322	.322	0	%100
232	M250	Z	-.558	-.558	0	%100
233	M230A	X	.356	.356	0	%100
234	M230A	Z	-.616	-.616	0	%100
235	MP3C	X	.39	.39	0	%100
236	MP3C	Z	-.675	-.675	0	%100
237	MP4C	X	.322	.322	0	%100
238	MP4C	Z	-.558	-.558	0	%100
239	MP2C	X	.322	.322	0	%100
240	MP2C	Z	-.558	-.558	0	%100
241	MP1C	X	.322	.322	0	%100
242	MP1C	Z	-.558	-.558	0	%100
243	M239A	X	0	0	0	%100
244	M239A	Z	0	0	0	%100
245	MP3B	X	.39	.39	0	%100
246	MP3B	Z	-.675	-.675	0	%100
247	MP4B	X	.322	.322	0	%100
248	MP4B	Z	-.558	-.558	0	%100
249	MP2B	X	.322	.322	0	%100
250	MP2B	Z	-.558	-.558	0	%100
251	MP1B	X	.322	.322	0	%100
252	MP1B	Z	-.558	-.558	0	%100
253	M254	X	0	0	0	%100
254	M254	Z	0	0	0	%100
255	M265	X	.292	.292	0	%100
256	M265	Z	-.506	-.506	0	%100
257	M276	X	.292	.292	0	%100
258	M276	Z	-.506	-.506	0	%100
259	M281	X	.328	.328	0	%100
260	M281	Z	-.569	-.569	0	%100
261	M282	X	.328	.328	0	%100
262	M282	Z	-.569	-.569	0	%100
263	M283	X	0	0	0	%100
264	M283	Z	0	0	0	%100
265	M284	X	.593	.593	0	%100
266	M284	Z	-1.027	-1.027	0	%100
267	M285	X	.593	.593	0	%100
268	M285	Z	-1.027	-1.027	0	%100
269	M286	X	.675	.675	0	%100
270	M286	Z	-1.169	-1.169	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	.205	.205	0	%100
2	M1	Z	-.119	-.119	0	%100
3	M4	X	.626	.626	0	%100
4	M4	Z	-.361	-.361	0	%100
5	M10	X	.177	.177	0	%100
6	M10	Z	-.102	-.102	0	%100
7	MP3A	X	.675	.675	0	%100
8	MP3A	Z	-.39	-.39	0	%100
9	MP4A	X	.558	.558	0	%100
10	MP4A	Z	-.322	-.322	0	%100
11	MP2A	X	.558	.558	0	%100
12	MP2A	Z	-.322	-.322	0	%100
13	MP1A	X	.558	.558	0	%100
14	MP1A	Z	-.322	-.322	0	%100
15	M43	X	.177	.177	0	%100
16	M43	Z	-.102	-.102	0	%100
17	M46	X	.352	.352	0	%100
18	M46	Z	-.203	-.203	0	%100
19	M51B	X	.782	.782	0	%100
20	M51B	Z	-.452	-.452	0	%100
21	M52B	X	.196	.196	0	%100
22	M52B	Z	-.113	-.113	0	%100
23	M76	X	1.056	1.056	0	%100
24	M76	Z	-.61	-.61	0	%100
25	M77	X	1.435	1.435	0	%100
26	M77	Z	-.828	-.828	0	%100
27	M80	X	1.511	1.511	0	%100
28	M80	Z	-.872	-.872	0	%100
29	M84	X	1.056	1.056	0	%100
30	M84	Z	-.61	-.61	0	%100
31	M85	X	.359	.359	0	%100
32	M85	Z	-.207	-.207	0	%100
33	M91	X	.378	.378	0	%100
34	M91	Z	-.218	-.218	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	.706	.706	0	%100
38	M53	Z	-.408	-.408	0	%100
39	M54	X	.706	.706	0	%100
40	M54	Z	-.408	-.408	0	%100
41	M55	X	1.409	1.409	0	%100
42	M55	Z	-.813	-.813	0	%100
43	M58A	X	.196	.196	0	%100
44	M58A	Z	-.113	-.113	0	%100
45	M59A	X	.196	.196	0	%100
46	M59A	Z	-.113	-.113	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	.359	.359	0	%100
50	M64	Z	-.207	-.207	0	%100
51	M66	X	.378	.378	0	%100
52	M66	Z	-.218	-.218	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	.359	.359	0	%100
56	M69	Z	-.207	-.207	0	%100
57	M71	X	.378	.378	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,%]
58	M71	Z	-.218	-.218	0	%100
59	M76A	X	.626	.626	0	%100
60	M76A	Z	-.361	-.361	0	%100
61	M77A	X	.177	.177	0	%100
62	M77A	Z	-.102	-.102	0	%100
63	M78	X	.177	.177	0	%100
64	M78	Z	-.102	-.102	0	%100
65	M79A	X	.352	.352	0	%100
66	M79A	Z	-.203	-.203	0	%100
67	M82	X	.196	.196	0	%100
68	M82	Z	-.113	-.113	0	%100
69	M83A	X	.782	.782	0	%100
70	M83A	Z	-.452	-.452	0	%100
71	M87	X	1.056	1.056	0	%100
72	M87	Z	-.61	-.61	0	%100
73	M88A	X	.359	.359	0	%100
74	M88A	Z	-.207	-.207	0	%100
75	M90	X	.378	.378	0	%100
76	M90	Z	-.218	-.218	0	%100
77	M92A	X	1.056	1.056	0	%100
78	M92A	Z	-.61	-.61	0	%100
79	M93	X	1.435	1.435	0	%100
80	M93	Z	-.828	-.828	0	%100
81	M95	X	1.511	1.511	0	%100
82	M95	Z	-.872	-.872	0	%100
83	M85B	X	0	0	0	%100
84	M85B	Z	0	0	0	%100
85	M86A	X	.706	.706	0	%100
86	M86A	Z	-.408	-.408	0	%100
87	M95A	X	.706	.706	0	%100
88	M95A	Z	-.408	-.408	0	%100
89	M96A	X	1.409	1.409	0	%100
90	M96A	Z	-.813	-.813	0	%100
91	M99A	X	.196	.196	0	%100
92	M99A	Z	-.113	-.113	0	%100
93	M100	X	.196	.196	0	%100
94	M100	Z	-.113	-.113	0	%100
95	M104	X	0	0	0	%100
96	M104	Z	0	0	0	%100
97	M105	X	.359	.359	0	%100
98	M105	Z	-.207	-.207	0	%100
99	M107	X	.378	.378	0	%100
100	M107	Z	-.218	-.218	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	.359	.359	0	%100
104	M110	Z	-.207	-.207	0	%100
105	M112	X	.378	.378	0	%100
106	M112	Z	-.218	-.218	0	%100
107	M117	X	.626	.626	0	%100
108	M117	Z	-.361	-.361	0	%100
109	M118	X	.177	.177	0	%100
110	M118	Z	-.102	-.102	0	%100
111	M119	X	.177	.177	0	%100
112	M119	Z	-.102	-.102	0	%100
113	M120	X	.352	.352	0	%100
114	M120	Z	-.203	-.203	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,%]
115	M123	X	.196	.196	0	%100
116	M123	Z	-.113	-.113	0	%100
117	M124	X	.782	.782	0	%100
118	M124	Z	-.452	-.452	0	%100
119	M128	X	1.056	1.056	0	%100
120	M128	Z	-.61	-.61	0	%100
121	M129	X	.359	.359	0	%100
122	M129	Z	-.207	-.207	0	%100
123	M131	X	.378	.378	0	%100
124	M131	Z	-.218	-.218	0	%100
125	M133	X	1.056	1.056	0	%100
126	M133	Z	-.61	-.61	0	%100
127	M134	X	1.435	1.435	0	%100
128	M134	Z	-.828	-.828	0	%100
129	M136	X	1.511	1.511	0	%100
130	M136	Z	-.872	-.872	0	%100
131	M141	X	.626	.626	0	%100
132	M141	Z	-.361	-.361	0	%100
133	M142	X	.177	.177	0	%100
134	M142	Z	-.102	-.102	0	%100
135	M143	X	.177	.177	0	%100
136	M143	Z	-.102	-.102	0	%100
137	M144	X	.352	.352	0	%100
138	M144	Z	-.203	-.203	0	%100
139	M147	X	.782	.782	0	%100
140	M147	Z	-.452	-.452	0	%100
141	M148	X	.196	.196	0	%100
142	M148	Z	-.113	-.113	0	%100
143	M152	X	1.056	1.056	0	%100
144	M152	Z	-.61	-.61	0	%100
145	M153	X	1.435	1.435	0	%100
146	M153	Z	-.828	-.828	0	%100
147	M155	X	1.511	1.511	0	%100
148	M155	Z	-.872	-.872	0	%100
149	M157	X	1.056	1.056	0	%100
150	M157	Z	-.61	-.61	0	%100
151	M158	X	.359	.359	0	%100
152	M158	Z	-.207	-.207	0	%100
153	M160	X	.378	.378	0	%100
154	M160	Z	-.218	-.218	0	%100
155	M166	X	.205	.205	0	%100
156	M166	Z	-.119	-.119	0	%100
157	M168	X	.626	.626	0	%100
158	M168	Z	-.361	-.361	0	%100
159	M169	X	.177	.177	0	%100
160	M169	Z	-.102	-.102	0	%100
161	M178	X	.177	.177	0	%100
162	M178	Z	-.102	-.102	0	%100
163	M179	X	.352	.352	0	%100
164	M179	Z	-.203	-.203	0	%100
165	M182	X	.196	.196	0	%100
166	M182	Z	-.113	-.113	0	%100
167	M183	X	.782	.782	0	%100
168	M183	Z	-.452	-.452	0	%100
169	M187	X	1.056	1.056	0	%100
170	M187	Z	-.61	-.61	0	%100
171	M188	X	.359	.359	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,%]
172	M188	Z	-.207	-.207	0	%100
173	M190	X	.378	.378	0	%100
174	M190	Z	-.218	-.218	0	%100
175	M192	X	1.056	1.056	0	%100
176	M192	Z	-.61	-.61	0	%100
177	M193	X	1.435	1.435	0	%100
178	M193	Z	-.828	-.828	0	%100
179	M195	X	1.511	1.511	0	%100
180	M195	Z	-.872	-.872	0	%100
181	M200	X	.626	.626	0	%100
182	M200	Z	-.361	-.361	0	%100
183	M201	X	.177	.177	0	%100
184	M201	Z	-.102	-.102	0	%100
185	M202	X	.177	.177	0	%100
186	M202	Z	-.102	-.102	0	%100
187	M203	X	.352	.352	0	%100
188	M203	Z	-.203	-.203	0	%100
189	M206	X	.782	.782	0	%100
190	M206	Z	-.452	-.452	0	%100
191	M207	X	.196	.196	0	%100
192	M207	Z	-.113	-.113	0	%100
193	M211	X	1.056	1.056	0	%100
194	M211	Z	-.61	-.61	0	%100
195	M212	X	1.435	1.435	0	%100
196	M212	Z	-.828	-.828	0	%100
197	M214	X	1.511	1.511	0	%100
198	M214	Z	-.872	-.872	0	%100
199	M216	X	1.056	1.056	0	%100
200	M216	Z	-.61	-.61	0	%100
201	M217	X	.359	.359	0	%100
202	M217	Z	-.207	-.207	0	%100
203	M219	X	.378	.378	0	%100
204	M219	Z	-.218	-.218	0	%100
205	M224	X	0	0	0	%100
206	M224	Z	0	0	0	%100
207	M225	X	.706	.706	0	%100
208	M225	Z	-.408	-.408	0	%100
209	M226	X	.706	.706	0	%100
210	M226	Z	-.408	-.408	0	%100
211	M227	X	1.409	1.409	0	%100
212	M227	Z	-.813	-.813	0	%100
213	M230	X	.196	.196	0	%100
214	M230	Z	-.113	-.113	0	%100
215	M231	X	.196	.196	0	%100
216	M231	Z	-.113	-.113	0	%100
217	M235	X	0	0	0	%100
218	M235	Z	0	0	0	%100
219	M236	X	.359	.359	0	%100
220	M236	Z	-.207	-.207	0	%100
221	M238	X	.378	.378	0	%100
222	M238	Z	-.218	-.218	0	%100
223	M240	X	0	0	0	%100
224	M240	Z	0	0	0	%100
225	M241	X	.359	.359	0	%100
226	M241	Z	-.207	-.207	0	%100
227	M243	X	.378	.378	0	%100
228	M243	Z	-.218	-.218	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,%]
229	M248	X	.205	.205	0	%100
230	M248	Z	-.119	-.119	0	%100
231	M250	X	.558	.558	0	%100
232	M250	Z	-.322	-.322	0	%100
233	M230A	X	.822	.822	0	%100
234	M230A	Z	-.474	-.474	0	%100
235	MP3C	X	.675	.675	0	%100
236	MP3C	Z	-.39	-.39	0	%100
237	MP4C	X	.558	.558	0	%100
238	MP4C	Z	-.322	-.322	0	%100
239	MP2C	X	.558	.558	0	%100
240	MP2C	Z	-.322	-.322	0	%100
241	MP1C	X	.558	.558	0	%100
242	MP1C	Z	-.322	-.322	0	%100
243	M239A	X	.205	.205	0	%100
244	M239A	Z	-.119	-.119	0	%100
245	MP3B	X	.675	.675	0	%100
246	MP3B	Z	-.39	-.39	0	%100
247	MP4B	X	.558	.558	0	%100
248	MP4B	Z	-.322	-.322	0	%100
249	MP2B	X	.558	.558	0	%100
250	MP2B	Z	-.322	-.322	0	%100
251	MP1B	X	.558	.558	0	%100
252	MP1B	Z	-.322	-.322	0	%100
253	M254	X	.169	.169	0	%100
254	M254	Z	-.097	-.097	0	%100
255	M265	X	.169	.169	0	%100
256	M265	Z	-.097	-.097	0	%100
257	M276	X	.675	.675	0	%100
258	M276	Z	-.39	-.39	0	%100
259	M281	X	.758	.758	0	%100
260	M281	Z	-.438	-.438	0	%100
261	M282	X	.19	.19	0	%100
262	M282	Z	-.109	-.109	0	%100
263	M283	X	.19	.19	0	%100
264	M283	Z	-.109	-.109	0	%100
265	M284	X	1.122	1.122	0	%100
266	M284	Z	-.648	-.648	0	%100
267	M285	X	.98	.98	0	%100
268	M285	Z	-.566	-.566	0	%100
269	M286	X	1.122	1.122	0	%100
270	M286	Z	-.648	-.648	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	.964	.964	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	.779	.779	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.644	.644	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.644	.644	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,%]
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.644	.644	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	.677	.677	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.677	.677	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.626	1.626	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	1.242	1.242	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	1.309	1.309	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.626	1.626	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	1.242	1.242	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	1.309	1.309	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.241	.241	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	.612	.612	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	.612	.612	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	1.22	1.22	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	.677	.677	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	.407	.407	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	1.242	1.242	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	1.309	1.309	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.407	.407	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	.241	.241	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	.612	.612	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	.612	.612	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	1.22	1.22	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	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,%]
69	M83A	X	.677	.677	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.407	.407	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	.407	.407	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	1.242	1.242	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	1.309	1.309	0	%100
82	M95	Z	0	0	0	%100
83	M85B	X	.241	.241	0	%100
84	M85B	Z	0	0	0	%100
85	M86A	X	.612	.612	0	%100
86	M86A	Z	0	0	0	%100
87	M95A	X	.612	.612	0	%100
88	M95A	Z	0	0	0	%100
89	M96A	X	1.22	1.22	0	%100
90	M96A	Z	0	0	0	%100
91	M99A	X	.677	.677	0	%100
92	M99A	Z	0	0	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	0	0	0	%100
95	M104	X	.407	.407	0	%100
96	M104	Z	0	0	0	%100
97	M105	X	1.242	1.242	0	%100
98	M105	Z	0	0	0	%100
99	M107	X	1.309	1.309	0	%100
100	M107	Z	0	0	0	%100
101	M109	X	.407	.407	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	0	0	0	%100
107	M117	X	.241	.241	0	%100
108	M117	Z	0	0	0	%100
109	M118	X	.612	.612	0	%100
110	M118	Z	0	0	0	%100
111	M119	X	.612	.612	0	%100
112	M119	Z	0	0	0	%100
113	M120	X	1.22	1.22	0	%100
114	M120	Z	0	0	0	%100
115	M123	X	0	0	0	%100
116	M123	Z	0	0	0	%100
117	M124	X	.677	.677	0	%100
118	M124	Z	0	0	0	%100
119	M128	X	.407	.407	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	0	0	0	%100
123	M131	X	0	0	0	%100
124	M131	Z	0	0	0	%100
125	M133	X	.407	.407	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,%]
126	M133	Z	0	0	0	%100
127	M134	X	1.242	1.242	0	%100
128	M134	Z	0	0	0	%100
129	M136	X	1.309	1.309	0	%100
130	M136	Z	0	0	0	%100
131	M141	X	.964	.964	0	%100
132	M141	Z	0	0	0	%100
133	M142	X	0	0	0	%100
134	M142	Z	0	0	0	%100
135	M143	X	0	0	0	%100
136	M143	Z	0	0	0	%100
137	M144	X	0	0	0	%100
138	M144	Z	0	0	0	%100
139	M147	X	.677	.677	0	%100
140	M147	Z	0	0	0	%100
141	M148	X	.677	.677	0	%100
142	M148	Z	0	0	0	%100
143	M152	X	1.626	1.626	0	%100
144	M152	Z	0	0	0	%100
145	M153	X	1.242	1.242	0	%100
146	M153	Z	0	0	0	%100
147	M155	X	1.309	1.309	0	%100
148	M155	Z	0	0	0	%100
149	M157	X	1.626	1.626	0	%100
150	M157	Z	0	0	0	%100
151	M158	X	1.242	1.242	0	%100
152	M158	Z	0	0	0	%100
153	M160	X	1.309	1.309	0	%100
154	M160	Z	0	0	0	%100
155	M166	X	0	0	0	%100
156	M166	Z	0	0	0	%100
157	M168	X	.241	.241	0	%100
158	M168	Z	0	0	0	%100
159	M169	X	.612	.612	0	%100
160	M169	Z	0	0	0	%100
161	M178	X	.612	.612	0	%100
162	M178	Z	0	0	0	%100
163	M179	X	1.22	1.22	0	%100
164	M179	Z	0	0	0	%100
165	M182	X	0	0	0	%100
166	M182	Z	0	0	0	%100
167	M183	X	.677	.677	0	%100
168	M183	Z	0	0	0	%100
169	M187	X	.407	.407	0	%100
170	M187	Z	0	0	0	%100
171	M188	X	0	0	0	%100
172	M188	Z	0	0	0	%100
173	M190	X	0	0	0	%100
174	M190	Z	0	0	0	%100
175	M192	X	.407	.407	0	%100
176	M192	Z	0	0	0	%100
177	M193	X	1.242	1.242	0	%100
178	M193	Z	0	0	0	%100
179	M195	X	1.309	1.309	0	%100
180	M195	Z	0	0	0	%100
181	M200	X	.964	.964	0	%100
182	M200	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,%]
183	M201	X	0	0	0	%100
184	M201	Z	0	0	0	%100
185	M202	X	0	0	0	%100
186	M202	Z	0	0	0	%100
187	M203	X	0	0	0	%100
188	M203	Z	0	0	0	%100
189	M206	X	.677	.677	0	%100
190	M206	Z	0	0	0	%100
191	M207	X	.677	.677	0	%100
192	M207	Z	0	0	0	%100
193	M211	X	1.626	1.626	0	%100
194	M211	Z	0	0	0	%100
195	M212	X	1.242	1.242	0	%100
196	M212	Z	0	0	0	%100
197	M214	X	1.309	1.309	0	%100
198	M214	Z	0	0	0	%100
199	M216	X	1.626	1.626	0	%100
200	M216	Z	0	0	0	%100
201	M217	X	1.242	1.242	0	%100
202	M217	Z	0	0	0	%100
203	M219	X	1.309	1.309	0	%100
204	M219	Z	0	0	0	%100
205	M224	X	.241	.241	0	%100
206	M224	Z	0	0	0	%100
207	M225	X	.612	.612	0	%100
208	M225	Z	0	0	0	%100
209	M226	X	.612	.612	0	%100
210	M226	Z	0	0	0	%100
211	M227	X	1.22	1.22	0	%100
212	M227	Z	0	0	0	%100
213	M230	X	.677	.677	0	%100
214	M230	Z	0	0	0	%100
215	M231	X	0	0	0	%100
216	M231	Z	0	0	0	%100
217	M235	X	.407	.407	0	%100
218	M235	Z	0	0	0	%100
219	M236	X	1.242	1.242	0	%100
220	M236	Z	0	0	0	%100
221	M238	X	1.309	1.309	0	%100
222	M238	Z	0	0	0	%100
223	M240	X	.407	.407	0	%100
224	M240	Z	0	0	0	%100
225	M241	X	0	0	0	%100
226	M241	Z	0	0	0	%100
227	M243	X	0	0	0	%100
228	M243	Z	0	0	0	%100
229	M248	X	0	0	0	%100
230	M248	Z	0	0	0	%100
231	M250	X	.644	.644	0	%100
232	M250	Z	0	0	0	%100
233	M230A	X	.711	.711	0	%100
234	M230A	Z	0	0	0	%100
235	MP3C	X	.779	.779	0	%100
236	MP3C	Z	0	0	0	%100
237	MP4C	X	.644	.644	0	%100
238	MP4C	Z	0	0	0	%100
239	MP2C	X	.644	.644	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,%]
240	MP2C	Z	0	0	0	%100
241	MP1C	X	.644	.644	0	%100
242	MP1C	Z	0	0	0	%100
243	M239A	X	.711	.711	0	%100
244	M239A	Z	0	0	0	%100
245	MP3B	X	.779	.779	0	%100
246	MP3B	Z	0	0	0	%100
247	MP4B	X	.644	.644	0	%100
248	MP4B	Z	0	0	0	%100
249	MP2B	X	.644	.644	0	%100
250	MP2B	Z	0	0	0	%100
251	MP1B	X	.644	.644	0	%100
252	MP1B	Z	0	0	0	%100
253	M254	X	.585	.585	0	%100
254	M254	Z	0	0	0	%100
255	M265	X	0	0	0	%100
256	M265	Z	0	0	0	%100
257	M276	X	.585	.585	0	%100
258	M276	Z	0	0	0	%100
259	M281	X	.657	.657	0	%100
260	M281	Z	0	0	0	%100
261	M282	X	0	0	0	%100
262	M282	Z	0	0	0	%100
263	M283	X	.657	.657	0	%100
264	M283	Z	0	0	0	%100
265	M284	X	1.35	1.35	0	%100
266	M284	Z	0	0	0	%100
267	M285	X	1.186	1.186	0	%100
268	M285	Z	0	0	0	%100
269	M286	X	1.186	1.186	0	%100
270	M286	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	.205	.205	0	%100
2	M1	Z	.119	.119	0	%100
3	M4	X	.626	.626	0	%100
4	M4	Z	.361	.361	0	%100
5	M10	X	.177	.177	0	%100
6	M10	Z	.102	.102	0	%100
7	MP3A	X	.675	.675	0	%100
8	MP3A	Z	.39	.39	0	%100
9	MP4A	X	.558	.558	0	%100
10	MP4A	Z	.322	.322	0	%100
11	MP2A	X	.558	.558	0	%100
12	MP2A	Z	.322	.322	0	%100
13	MP1A	X	.558	.558	0	%100
14	MP1A	Z	.322	.322	0	%100
15	M43	X	.177	.177	0	%100
16	M43	Z	.102	.102	0	%100
17	M46	X	.352	.352	0	%100
18	M46	Z	.203	.203	0	%100
19	M51B	X	.196	.196	0	%100
20	M51B	Z	.113	.113	0	%100
21	M52B	X	.782	.782	0	%100
22	M52B	Z	.452	.452	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,%]
23	M76	X	1.056	1.056	0	%100
24	M76	Z	.61	.61	0	%100
25	M77	X	.359	.359	0	%100
26	M77	Z	.207	.207	0	%100
27	M80	X	.378	.378	0	%100
28	M80	Z	.218	.218	0	%100
29	M84	X	1.056	1.056	0	%100
30	M84	Z	.61	.61	0	%100
31	M85	X	1.435	1.435	0	%100
32	M85	Z	.828	.828	0	%100
33	M91	X	1.511	1.511	0	%100
34	M91	Z	.872	.872	0	%100
35	M52A	X	.626	.626	0	%100
36	M52A	Z	.361	.361	0	%100
37	M53	X	.177	.177	0	%100
38	M53	Z	.102	.102	0	%100
39	M54	X	.177	.177	0	%100
40	M54	Z	.102	.102	0	%100
41	M55	X	.352	.352	0	%100
42	M55	Z	.203	.203	0	%100
43	M58A	X	.782	.782	0	%100
44	M58A	Z	.452	.452	0	%100
45	M59A	X	.196	.196	0	%100
46	M59A	Z	.113	.113	0	%100
47	M63	X	1.056	1.056	0	%100
48	M63	Z	.61	.61	0	%100
49	M64	X	1.435	1.435	0	%100
50	M64	Z	.828	.828	0	%100
51	M66	X	1.511	1.511	0	%100
52	M66	Z	.872	.872	0	%100
53	M68	X	1.056	1.056	0	%100
54	M68	Z	.61	.61	0	%100
55	M69	X	.359	.359	0	%100
56	M69	Z	.207	.207	0	%100
57	M71	X	.378	.378	0	%100
58	M71	Z	.218	.218	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	.706	.706	0	%100
62	M77A	Z	.408	.408	0	%100
63	M78	X	.706	.706	0	%100
64	M78	Z	.408	.408	0	%100
65	M79A	X	1.409	1.409	0	%100
66	M79A	Z	.813	.813	0	%100
67	M82	X	.196	.196	0	%100
68	M82	Z	.113	.113	0	%100
69	M83A	X	.196	.196	0	%100
70	M83A	Z	.113	.113	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	.359	.359	0	%100
74	M88A	Z	.207	.207	0	%100
75	M90	X	.378	.378	0	%100
76	M90	Z	.218	.218	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	.359	.359	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,%]
80	M93	Z	.207	.207	0	%100
81	M95	X	.378	.378	0	%100
82	M95	Z	.218	.218	0	%100
83	M85B	X	.626	.626	0	%100
84	M85B	Z	.361	.361	0	%100
85	M86A	X	.177	.177	0	%100
86	M86A	Z	.102	.102	0	%100
87	M95A	X	.177	.177	0	%100
88	M95A	Z	.102	.102	0	%100
89	M96A	X	.352	.352	0	%100
90	M96A	Z	.203	.203	0	%100
91	M99A	X	.782	.782	0	%100
92	M99A	Z	.452	.452	0	%100
93	M100	X	.196	.196	0	%100
94	M100	Z	.113	.113	0	%100
95	M104	X	1.056	1.056	0	%100
96	M104	Z	.61	.61	0	%100
97	M105	X	1.435	1.435	0	%100
98	M105	Z	.828	.828	0	%100
99	M107	X	1.511	1.511	0	%100
100	M107	Z	.872	.872	0	%100
101	M109	X	1.056	1.056	0	%100
102	M109	Z	.61	.61	0	%100
103	M110	X	.359	.359	0	%100
104	M110	Z	.207	.207	0	%100
105	M112	X	.378	.378	0	%100
106	M112	Z	.218	.218	0	%100
107	M117	X	0	0	0	%100
108	M117	Z	0	0	0	%100
109	M118	X	.706	.706	0	%100
110	M118	Z	.408	.408	0	%100
111	M119	X	.706	.706	0	%100
112	M119	Z	.408	.408	0	%100
113	M120	X	1.409	1.409	0	%100
114	M120	Z	.813	.813	0	%100
115	M123	X	.196	.196	0	%100
116	M123	Z	.113	.113	0	%100
117	M124	X	.196	.196	0	%100
118	M124	Z	.113	.113	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	.359	.359	0	%100
122	M129	Z	.207	.207	0	%100
123	M131	X	.378	.378	0	%100
124	M131	Z	.218	.218	0	%100
125	M133	X	0	0	0	%100
126	M133	Z	0	0	0	%100
127	M134	X	.359	.359	0	%100
128	M134	Z	.207	.207	0	%100
129	M136	X	.378	.378	0	%100
130	M136	Z	.218	.218	0	%100
131	M141	X	.626	.626	0	%100
132	M141	Z	.361	.361	0	%100
133	M142	X	.177	.177	0	%100
134	M142	Z	.102	.102	0	%100
135	M143	X	.177	.177	0	%100
136	M143	Z	.102	.102	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,%]
137	M144	X	.352	.352	0	%100
138	M144	Z	.203	.203	0	%100
139	M147	X	.196	.196	0	%100
140	M147	Z	.113	.113	0	%100
141	M148	X	.782	.782	0	%100
142	M148	Z	.452	.452	0	%100
143	M152	X	1.056	1.056	0	%100
144	M152	Z	.61	.61	0	%100
145	M153	X	.359	.359	0	%100
146	M153	Z	.207	.207	0	%100
147	M155	X	.378	.378	0	%100
148	M155	Z	.218	.218	0	%100
149	M157	X	1.056	1.056	0	%100
150	M157	Z	.61	.61	0	%100
151	M158	X	1.435	1.435	0	%100
152	M158	Z	.828	.828	0	%100
153	M160	X	1.511	1.511	0	%100
154	M160	Z	.872	.872	0	%100
155	M166	X	.205	.205	0	%100
156	M166	Z	.119	.119	0	%100
157	M168	X	0	0	0	%100
158	M168	Z	0	0	0	%100
159	M169	X	.706	.706	0	%100
160	M169	Z	.408	.408	0	%100
161	M178	X	.706	.706	0	%100
162	M178	Z	.408	.408	0	%100
163	M179	X	1.409	1.409	0	%100
164	M179	Z	.813	.813	0	%100
165	M182	X	.196	.196	0	%100
166	M182	Z	.113	.113	0	%100
167	M183	X	.196	.196	0	%100
168	M183	Z	.113	.113	0	%100
169	M187	X	0	0	0	%100
170	M187	Z	0	0	0	%100
171	M188	X	.359	.359	0	%100
172	M188	Z	.207	.207	0	%100
173	M190	X	.378	.378	0	%100
174	M190	Z	.218	.218	0	%100
175	M192	X	0	0	0	%100
176	M192	Z	0	0	0	%100
177	M193	X	.359	.359	0	%100
178	M193	Z	.207	.207	0	%100
179	M195	X	.378	.378	0	%100
180	M195	Z	.218	.218	0	%100
181	M200	X	.626	.626	0	%100
182	M200	Z	.361	.361	0	%100
183	M201	X	.177	.177	0	%100
184	M201	Z	.102	.102	0	%100
185	M202	X	.177	.177	0	%100
186	M202	Z	.102	.102	0	%100
187	M203	X	.352	.352	0	%100
188	M203	Z	.203	.203	0	%100
189	M206	X	.196	.196	0	%100
190	M206	Z	.113	.113	0	%100
191	M207	X	.782	.782	0	%100
192	M207	Z	.452	.452	0	%100
193	M211	X	1.056	1.056	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,%]
194	M211	Z	.61	.61	0	%100
195	M212	X	.359	.359	0	%100
196	M212	Z	.207	.207	0	%100
197	M214	X	.378	.378	0	%100
198	M214	Z	.218	.218	0	%100
199	M216	X	1.056	1.056	0	%100
200	M216	Z	.61	.61	0	%100
201	M217	X	1.435	1.435	0	%100
202	M217	Z	.828	.828	0	%100
203	M219	X	1.511	1.511	0	%100
204	M219	Z	.872	.872	0	%100
205	M224	X	.626	.626	0	%100
206	M224	Z	.361	.361	0	%100
207	M225	X	.177	.177	0	%100
208	M225	Z	.102	.102	0	%100
209	M226	X	.177	.177	0	%100
210	M226	Z	.102	.102	0	%100
211	M227	X	.352	.352	0	%100
212	M227	Z	.203	.203	0	%100
213	M230	X	.782	.782	0	%100
214	M230	Z	.452	.452	0	%100
215	M231	X	.196	.196	0	%100
216	M231	Z	.113	.113	0	%100
217	M235	X	1.056	1.056	0	%100
218	M235	Z	.61	.61	0	%100
219	M236	X	1.435	1.435	0	%100
220	M236	Z	.828	.828	0	%100
221	M238	X	1.511	1.511	0	%100
222	M238	Z	.872	.872	0	%100
223	M240	X	1.056	1.056	0	%100
224	M240	Z	.61	.61	0	%100
225	M241	X	.359	.359	0	%100
226	M241	Z	.207	.207	0	%100
227	M243	X	.378	.378	0	%100
228	M243	Z	.218	.218	0	%100
229	M248	X	.205	.205	0	%100
230	M248	Z	.119	.119	0	%100
231	M250	X	.558	.558	0	%100
232	M250	Z	.322	.322	0	%100
233	M230A	X	.205	.205	0	%100
234	M230A	Z	.119	.119	0	%100
235	MP3C	X	.675	.675	0	%100
236	MP3C	Z	.39	.39	0	%100
237	MP4C	X	.558	.558	0	%100
238	MP4C	Z	.322	.322	0	%100
239	MP2C	X	.558	.558	0	%100
240	MP2C	Z	.322	.322	0	%100
241	MP1C	X	.558	.558	0	%100
242	MP1C	Z	.322	.322	0	%100
243	M239A	X	.822	.822	0	%100
244	M239A	Z	.474	.474	0	%100
245	MP3B	X	.675	.675	0	%100
246	MP3B	Z	.39	.39	0	%100
247	MP4B	X	.558	.558	0	%100
248	MP4B	Z	.322	.322	0	%100
249	MP2B	X	.558	.558	0	%100
250	MP2B	Z	.322	.322	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,%]
251	MP1B	X	.558	.558	0	%100
252	MP1B	Z	.322	.322	0	%100
253	M254	X	.675	.675	0	%100
254	M254	Z	.39	.39	0	%100
255	M265	X	.169	.169	0	%100
256	M265	Z	.097	.097	0	%100
257	M276	X	.169	.169	0	%100
258	M276	Z	.097	.097	0	%100
259	M281	X	.19	.19	0	%100
260	M281	Z	.109	.109	0	%100
261	M282	X	.19	.19	0	%100
262	M282	Z	.109	.109	0	%100
263	M283	X	.758	.758	0	%100
264	M283	Z	.438	.438	0	%100
265	M284	X	1.122	1.122	0	%100
266	M284	Z	.648	.648	0	%100
267	M285	X	1.122	1.122	0	%100
268	M285	Z	.648	.648	0	%100
269	M286	X	.98	.98	0	%100
270	M286	Z	.566	.566	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	.356	.356	0	%100
2	M1	Z	.616	.616	0	%100
3	M4	X	.12	.12	0	%100
4	M4	Z	.209	.209	0	%100
5	M10	X	.306	.306	0	%100
6	M10	Z	.53	.53	0	%100
7	MP3A	X	.39	.39	0	%100
8	MP3A	Z	.675	.675	0	%100
9	MP4A	X	.322	.322	0	%100
10	MP4A	Z	.558	.558	0	%100
11	MP2A	X	.322	.322	0	%100
12	MP2A	Z	.558	.558	0	%100
13	MP1A	X	.322	.322	0	%100
14	MP1A	Z	.558	.558	0	%100
15	M43	X	.306	.306	0	%100
16	M43	Z	.53	.53	0	%100
17	M46	X	.61	.61	0	%100
18	M46	Z	1.056	1.056	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.339	.339	0	%100
22	M52B	Z	.587	.587	0	%100
23	M76	X	.203	.203	0	%100
24	M76	Z	.352	.352	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	.203	.203	0	%100
30	M84	Z	.352	.352	0	%100
31	M85	X	.621	.621	0	%100
32	M85	Z	1.076	1.076	0	%100
33	M91	X	.654	.654	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,%]
34	M91	Z	1.133	1.133	0	%100
35	M52A	X	.482	.482	0	%100
36	M52A	Z	.835	.835	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	.339	.339	0	%100
44	M58A	Z	.587	.587	0	%100
45	M59A	X	.339	.339	0	%100
46	M59A	Z	.587	.587	0	%100
47	M63	X	.813	.813	0	%100
48	M63	Z	1.409	1.409	0	%100
49	M64	X	.621	.621	0	%100
50	M64	Z	1.076	1.076	0	%100
51	M66	X	.654	.654	0	%100
52	M66	Z	1.133	1.133	0	%100
53	M68	X	.813	.813	0	%100
54	M68	Z	1.409	1.409	0	%100
55	M69	X	.621	.621	0	%100
56	M69	Z	1.076	1.076	0	%100
57	M71	X	.654	.654	0	%100
58	M71	Z	1.133	1.133	0	%100
59	M76A	X	.12	.12	0	%100
60	M76A	Z	.209	.209	0	%100
61	M77A	X	.306	.306	0	%100
62	M77A	Z	.53	.53	0	%100
63	M78	X	.306	.306	0	%100
64	M78	Z	.53	.53	0	%100
65	M79A	X	.61	.61	0	%100
66	M79A	Z	1.056	1.056	0	%100
67	M82	X	.339	.339	0	%100
68	M82	Z	.587	.587	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.203	.203	0	%100
72	M87	Z	.352	.352	0	%100
73	M88A	X	.621	.621	0	%100
74	M88A	Z	1.076	1.076	0	%100
75	M90	X	.654	.654	0	%100
76	M90	Z	1.133	1.133	0	%100
77	M92A	X	.203	.203	0	%100
78	M92A	Z	.352	.352	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M85B	X	.482	.482	0	%100
84	M85B	Z	.835	.835	0	%100
85	M86A	X	0	0	0	%100
86	M86A	Z	0	0	0	%100
87	M95A	X	0	0	0	%100
88	M95A	Z	0	0	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	0	0	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,%]
91	M99A	X	.339	.339	0	%100
92	M99A	Z	.587	.587	0	%100
93	M100	X	.339	.339	0	%100
94	M100	Z	.587	.587	0	%100
95	M104	X	.813	.813	0	%100
96	M104	Z	1.409	1.409	0	%100
97	M105	X	.621	.621	0	%100
98	M105	Z	1.076	1.076	0	%100
99	M107	X	.654	.654	0	%100
100	M107	Z	1.133	1.133	0	%100
101	M109	X	.813	.813	0	%100
102	M109	Z	1.409	1.409	0	%100
103	M110	X	.621	.621	0	%100
104	M110	Z	1.076	1.076	0	%100
105	M112	X	.654	.654	0	%100
106	M112	Z	1.133	1.133	0	%100
107	M117	X	.12	.12	0	%100
108	M117	Z	.209	.209	0	%100
109	M118	X	.306	.306	0	%100
110	M118	Z	.53	.53	0	%100
111	M119	X	.306	.306	0	%100
112	M119	Z	.53	.53	0	%100
113	M120	X	.61	.61	0	%100
114	M120	Z	1.056	1.056	0	%100
115	M123	X	.339	.339	0	%100
116	M123	Z	.587	.587	0	%100
117	M124	X	0	0	0	%100
118	M124	Z	0	0	0	%100
119	M128	X	.203	.203	0	%100
120	M128	Z	.352	.352	0	%100
121	M129	X	.621	.621	0	%100
122	M129	Z	1.076	1.076	0	%100
123	M131	X	.654	.654	0	%100
124	M131	Z	1.133	1.133	0	%100
125	M133	X	.203	.203	0	%100
126	M133	Z	.352	.352	0	%100
127	M134	X	0	0	0	%100
128	M134	Z	0	0	0	%100
129	M136	X	0	0	0	%100
130	M136	Z	0	0	0	%100
131	M141	X	.12	.12	0	%100
132	M141	Z	.209	.209	0	%100
133	M142	X	.306	.306	0	%100
134	M142	Z	.53	.53	0	%100
135	M143	X	.306	.306	0	%100
136	M143	Z	.53	.53	0	%100
137	M144	X	.61	.61	0	%100
138	M144	Z	1.056	1.056	0	%100
139	M147	X	0	0	0	%100
140	M147	Z	0	0	0	%100
141	M148	X	.339	.339	0	%100
142	M148	Z	.587	.587	0	%100
143	M152	X	.203	.203	0	%100
144	M152	Z	.352	.352	0	%100
145	M153	X	0	0	0	%100
146	M153	Z	0	0	0	%100
147	M155	X	0	0	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,%]
148	M155	Z	0	0	0	%100
149	M157	X	.203	.203	0	%100
150	M157	Z	.352	.352	0	%100
151	M158	X	.621	.621	0	%100
152	M158	Z	1.076	1.076	0	%100
153	M160	X	.654	.654	0	%100
154	M160	Z	1.133	1.133	0	%100
155	M166	X	.356	.356	0	%100
156	M166	Z	.616	.616	0	%100
157	M168	X	.12	.12	0	%100
158	M168	Z	.209	.209	0	%100
159	M169	X	.306	.306	0	%100
160	M169	Z	.53	.53	0	%100
161	M178	X	.306	.306	0	%100
162	M178	Z	.53	.53	0	%100
163	M179	X	.61	.61	0	%100
164	M179	Z	1.056	1.056	0	%100
165	M182	X	.339	.339	0	%100
166	M182	Z	.587	.587	0	%100
167	M183	X	0	0	0	%100
168	M183	Z	0	0	0	%100
169	M187	X	.203	.203	0	%100
170	M187	Z	.352	.352	0	%100
171	M188	X	.621	.621	0	%100
172	M188	Z	1.076	1.076	0	%100
173	M190	X	.654	.654	0	%100
174	M190	Z	1.133	1.133	0	%100
175	M192	X	.203	.203	0	%100
176	M192	Z	.352	.352	0	%100
177	M193	X	0	0	0	%100
178	M193	Z	0	0	0	%100
179	M195	X	0	0	0	%100
180	M195	Z	0	0	0	%100
181	M200	X	.12	.12	0	%100
182	M200	Z	.209	.209	0	%100
183	M201	X	.306	.306	0	%100
184	M201	Z	.53	.53	0	%100
185	M202	X	.306	.306	0	%100
186	M202	Z	.53	.53	0	%100
187	M203	X	.61	.61	0	%100
188	M203	Z	1.056	1.056	0	%100
189	M206	X	0	0	0	%100
190	M206	Z	0	0	0	%100
191	M207	X	.339	.339	0	%100
192	M207	Z	.587	.587	0	%100
193	M211	X	.203	.203	0	%100
194	M211	Z	.352	.352	0	%100
195	M212	X	0	0	0	%100
196	M212	Z	0	0	0	%100
197	M214	X	0	0	0	%100
198	M214	Z	0	0	0	%100
199	M216	X	.203	.203	0	%100
200	M216	Z	.352	.352	0	%100
201	M217	X	.621	.621	0	%100
202	M217	Z	1.076	1.076	0	%100
203	M219	X	.654	.654	0	%100
204	M219	Z	1.133	1.133	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,%]
205	M224	X	.482	.482	0	%100
206	M224	Z	.835	.835	0	%100
207	M225	X	0	0	0	%100
208	M225	Z	0	0	0	%100
209	M226	X	0	0	0	%100
210	M226	Z	0	0	0	%100
211	M227	X	0	0	0	%100
212	M227	Z	0	0	0	%100
213	M230	X	.339	.339	0	%100
214	M230	Z	.587	.587	0	%100
215	M231	X	.339	.339	0	%100
216	M231	Z	.587	.587	0	%100
217	M235	X	.813	.813	0	%100
218	M235	Z	1.409	1.409	0	%100
219	M236	X	.621	.621	0	%100
220	M236	Z	1.076	1.076	0	%100
221	M238	X	.654	.654	0	%100
222	M238	Z	1.133	1.133	0	%100
223	M240	X	.813	.813	0	%100
224	M240	Z	1.409	1.409	0	%100
225	M241	X	.621	.621	0	%100
226	M241	Z	1.076	1.076	0	%100
227	M243	X	.654	.654	0	%100
228	M243	Z	1.133	1.133	0	%100
229	M248	X	.356	.356	0	%100
230	M248	Z	.616	.616	0	%100
231	M250	X	.322	.322	0	%100
232	M250	Z	.558	.558	0	%100
233	M230A	X	0	0	0	%100
234	M230A	Z	0	0	0	%100
235	MP3C	X	.39	.39	0	%100
236	MP3C	Z	.675	.675	0	%100
237	MP4C	X	.322	.322	0	%100
238	MP4C	Z	.558	.558	0	%100
239	MP2C	X	.322	.322	0	%100
240	MP2C	Z	.558	.558	0	%100
241	MP1C	X	.322	.322	0	%100
242	MP1C	Z	.558	.558	0	%100
243	M239A	X	.356	.356	0	%100
244	M239A	Z	.616	.616	0	%100
245	MP3B	X	.39	.39	0	%100
246	MP3B	Z	.675	.675	0	%100
247	MP4B	X	.322	.322	0	%100
248	MP4B	Z	.558	.558	0	%100
249	MP2B	X	.322	.322	0	%100
250	MP2B	Z	.558	.558	0	%100
251	MP1B	X	.322	.322	0	%100
252	MP1B	Z	.558	.558	0	%100
253	M254	X	.292	.292	0	%100
254	M254	Z	.506	.506	0	%100
255	M265	X	.292	.292	0	%100
256	M265	Z	.506	.506	0	%100
257	M276	X	0	0	0	%100
258	M276	Z	0	0	0	%100
259	M281	X	0	0	0	%100
260	M281	Z	0	0	0	%100
261	M282	X	.328	.328	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,%]
262	M282	Z	.569	.569	0	%100
263	M283	X	.328	.328	0	%100
264	M283	Z	.569	.569	0	%100
265	M284	X	.593	.593	0	%100
266	M284	Z	1.027	1.027	0	%100
267	M285	X	.675	.675	0	%100
268	M285	Z	1.169	1.169	0	%100
269	M286	X	.593	.593	0	%100
270	M286	Z	1.027	1.027	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	.949	.949	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	.815	.815	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.779	.779	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.644	.644	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.644	.644	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.644	.644	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.815	.815	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.626	1.626	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.226	.226	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.226	.226	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	.414	.414	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.436	.436	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	.414	.414	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.436	.436	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	.723	.723	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	.204	.204	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	.204	.204	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	.407	.407	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	.226	.226	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,%]
45	M59A	X	0	0	0	%100
46	M59A	Z	.903	.903	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	1.22	1.22	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	.414	.414	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	.436	.436	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	1.22	1.22	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	1.657	1.657	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	1.745	1.745	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	.723	.723	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	.204	.204	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	.204	.204	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	.407	.407	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	.903	.903	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	.226	.226	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	1.22	1.22	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	1.657	1.657	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	1.745	1.745	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	1.22	1.22	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	.414	.414	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	.436	.436	0	%100
83	M85B	X	0	0	0	%100
84	M85B	Z	.723	.723	0	%100
85	M86A	X	0	0	0	%100
86	M86A	Z	.204	.204	0	%100
87	M95A	X	0	0	0	%100
88	M95A	Z	.204	.204	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	.407	.407	0	%100
91	M99A	X	0	0	0	%100
92	M99A	Z	.226	.226	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	.903	.903	0	%100
95	M104	X	0	0	0	%100
96	M104	Z	1.22	1.22	0	%100
97	M105	X	0	0	0	%100
98	M105	Z	.414	.414	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	.436	.436	0	%100
101	M109	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
102	M109	Z	1.22	1.22	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	1.657	1.657	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	1.745	1.745	0	%100
107	M117	X	0	0	0	%100
108	M117	Z	.723	.723	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	.204	.204	0	%100
111	M119	X	0	0	0	%100
112	M119	Z	.204	.204	0	%100
113	M120	X	0	0	0	%100
114	M120	Z	.407	.407	0	%100
115	M123	X	0	0	0	%100
116	M123	Z	.903	.903	0	%100
117	M124	X	0	0	0	%100
118	M124	Z	.226	.226	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	1.22	1.22	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	1.657	1.657	0	%100
123	M131	X	0	0	0	%100
124	M131	Z	1.745	1.745	0	%100
125	M133	X	0	0	0	%100
126	M133	Z	1.22	1.22	0	%100
127	M134	X	0	0	0	%100
128	M134	Z	.414	.414	0	%100
129	M136	X	0	0	0	%100
130	M136	Z	.436	.436	0	%100
131	M141	X	0	0	0	%100
132	M141	Z	0	0	0	%100
133	M142	X	0	0	0	%100
134	M142	Z	.815	.815	0	%100
135	M143	X	0	0	0	%100
136	M143	Z	.815	.815	0	%100
137	M144	X	0	0	0	%100
138	M144	Z	1.626	1.626	0	%100
139	M147	X	0	0	0	%100
140	M147	Z	.226	.226	0	%100
141	M148	X	0	0	0	%100
142	M148	Z	.226	.226	0	%100
143	M152	X	0	0	0	%100
144	M152	Z	0	0	0	%100
145	M153	X	0	0	0	%100
146	M153	Z	.414	.414	0	%100
147	M155	X	0	0	0	%100
148	M155	Z	.436	.436	0	%100
149	M157	X	0	0	0	%100
150	M157	Z	0	0	0	%100
151	M158	X	0	0	0	%100
152	M158	Z	.414	.414	0	%100
153	M160	X	0	0	0	%100
154	M160	Z	.436	.436	0	%100
155	M166	X	0	0	0	%100
156	M166	Z	.949	.949	0	%100
157	M168	X	0	0	0	%100
158	M168	Z	.723	.723	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,%]
159	M169	X	0	0	0	%100
160	M169	Z	.204	.204	0	%100
161	M178	X	0	0	0	%100
162	M178	Z	.204	.204	0	%100
163	M179	X	0	0	0	%100
164	M179	Z	.407	.407	0	%100
165	M182	X	0	0	0	%100
166	M182	Z	.903	.903	0	%100
167	M183	X	0	0	0	%100
168	M183	Z	.226	.226	0	%100
169	M187	X	0	0	0	%100
170	M187	Z	1.22	1.22	0	%100
171	M188	X	0	0	0	%100
172	M188	Z	1.657	1.657	0	%100
173	M190	X	0	0	0	%100
174	M190	Z	1.745	1.745	0	%100
175	M192	X	0	0	0	%100
176	M192	Z	1.22	1.22	0	%100
177	M193	X	0	0	0	%100
178	M193	Z	.414	.414	0	%100
179	M195	X	0	0	0	%100
180	M195	Z	.436	.436	0	%100
181	M200	X	0	0	0	%100
182	M200	Z	0	0	0	%100
183	M201	X	0	0	0	%100
184	M201	Z	.815	.815	0	%100
185	M202	X	0	0	0	%100
186	M202	Z	.815	.815	0	%100
187	M203	X	0	0	0	%100
188	M203	Z	1.626	1.626	0	%100
189	M206	X	0	0	0	%100
190	M206	Z	.226	.226	0	%100
191	M207	X	0	0	0	%100
192	M207	Z	.226	.226	0	%100
193	M211	X	0	0	0	%100
194	M211	Z	0	0	0	%100
195	M212	X	0	0	0	%100
196	M212	Z	.414	.414	0	%100
197	M214	X	0	0	0	%100
198	M214	Z	.436	.436	0	%100
199	M216	X	0	0	0	%100
200	M216	Z	0	0	0	%100
201	M217	X	0	0	0	%100
202	M217	Z	.414	.414	0	%100
203	M219	X	0	0	0	%100
204	M219	Z	.436	.436	0	%100
205	M224	X	0	0	0	%100
206	M224	Z	.723	.723	0	%100
207	M225	X	0	0	0	%100
208	M225	Z	.204	.204	0	%100
209	M226	X	0	0	0	%100
210	M226	Z	.204	.204	0	%100
211	M227	X	0	0	0	%100
212	M227	Z	.407	.407	0	%100
213	M230	X	0	0	0	%100
214	M230	Z	.226	.226	0	%100
215	M231	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
216	M231	Z	.903	.903	0	%100
217	M235	X	0	0	0	%100
218	M235	Z	1.22	1.22	0	%100
219	M236	X	0	0	0	%100
220	M236	Z	.414	.414	0	%100
221	M238	X	0	0	0	%100
222	M238	Z	.436	.436	0	%100
223	M240	X	0	0	0	%100
224	M240	Z	1.22	1.22	0	%100
225	M241	X	0	0	0	%100
226	M241	Z	1.657	1.657	0	%100
227	M243	X	0	0	0	%100
228	M243	Z	1.745	1.745	0	%100
229	M248	X	0	0	0	%100
230	M248	Z	.949	.949	0	%100
231	M250	X	0	0	0	%100
232	M250	Z	.644	.644	0	%100
233	M230A	X	0	0	0	%100
234	M230A	Z	.237	.237	0	%100
235	MP3C	X	0	0	0	%100
236	MP3C	Z	.779	.779	0	%100
237	MP4C	X	0	0	0	%100
238	MP4C	Z	.644	.644	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	.644	.644	0	%100
241	MP1C	X	0	0	0	%100
242	MP1C	Z	.644	.644	0	%100
243	M239A	X	0	0	0	%100
244	M239A	Z	.237	.237	0	%100
245	MP3B	X	0	0	0	%100
246	MP3B	Z	.779	.779	0	%100
247	MP4B	X	0	0	0	%100
248	MP4B	Z	.644	.644	0	%100
249	MP2B	X	0	0	0	%100
250	MP2B	Z	.644	.644	0	%100
251	MP1B	X	0	0	0	%100
252	MP1B	Z	.644	.644	0	%100
253	M254	X	0	0	0	%100
254	M254	Z	.195	.195	0	%100
255	M265	X	0	0	0	%100
256	M265	Z	.779	.779	0	%100
257	M276	X	0	0	0	%100
258	M276	Z	.195	.195	0	%100
259	M281	X	0	0	0	%100
260	M281	Z	.219	.219	0	%100
261	M282	X	0	0	0	%100
262	M282	Z	.876	.876	0	%100
263	M283	X	0	0	0	%100
264	M283	Z	.219	.219	0	%100
265	M284	X	0	0	0	%100
266	M284	Z	1.131	1.131	0	%100
267	M285	X	0	0	0	%100
268	M285	Z	1.295	1.295	0	%100
269	M286	X	0	0	0	%100
270	M286	Z	1.295	1.295	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	-.356	-.356	0	%100
2	M1	Z	.616	.616	0	%100
3	M4	X	-.12	-.12	0	%100
4	M4	Z	.209	.209	0	%100
5	M10	X	-.306	-.306	0	%100
6	M10	Z	.53	.53	0	%100
7	MP3A	X	-.39	-.39	0	%100
8	MP3A	Z	.675	.675	0	%100
9	MP4A	X	-.322	-.322	0	%100
10	MP4A	Z	.558	.558	0	%100
11	MP2A	X	-.322	-.322	0	%100
12	MP2A	Z	.558	.558	0	%100
13	MP1A	X	-.322	-.322	0	%100
14	MP1A	Z	.558	.558	0	%100
15	M43	X	-.306	-.306	0	%100
16	M43	Z	.53	.53	0	%100
17	M46	X	-.61	-.61	0	%100
18	M46	Z	1.056	1.056	0	%100
19	M51B	X	-.339	-.339	0	%100
20	M51B	Z	.587	.587	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.203	-.203	0	%100
24	M76	Z	.352	.352	0	%100
25	M77	X	-.621	-.621	0	%100
26	M77	Z	1.076	1.076	0	%100
27	M80	X	-.654	-.654	0	%100
28	M80	Z	1.133	1.133	0	%100
29	M84	X	-.203	-.203	0	%100
30	M84	Z	.352	.352	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.12	-.12	0	%100
36	M52A	Z	.209	.209	0	%100
37	M53	X	-.306	-.306	0	%100
38	M53	Z	.53	.53	0	%100
39	M54	X	-.306	-.306	0	%100
40	M54	Z	.53	.53	0	%100
41	M55	X	-.61	-.61	0	%100
42	M55	Z	1.056	1.056	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-.339	-.339	0	%100
46	M59A	Z	.587	.587	0	%100
47	M63	X	-.203	-.203	0	%100
48	M63	Z	.352	.352	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.203	-.203	0	%100
54	M68	Z	.352	.352	0	%100
55	M69	X	-.621	-.621	0	%100
56	M69	Z	1.076	1.076	0	%100
57	M71	X	-.654	-.654	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M71	Z	1.133	1.133	0	%100
59	M76A	X	-.482	-.482	0	%100
60	M76A	Z	.835	.835	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-.339	-.339	0	%100
68	M82	Z	.587	.587	0	%100
69	M83A	X	-.339	-.339	0	%100
70	M83A	Z	.587	.587	0	%100
71	M87	X	-.813	-.813	0	%100
72	M87	Z	1.409	1.409	0	%100
73	M88A	X	-.621	-.621	0	%100
74	M88A	Z	1.076	1.076	0	%100
75	M90	X	-.654	-.654	0	%100
76	M90	Z	1.133	1.133	0	%100
77	M92A	X	-.813	-.813	0	%100
78	M92A	Z	1.409	1.409	0	%100
79	M93	X	-.621	-.621	0	%100
80	M93	Z	1.076	1.076	0	%100
81	M95	X	-.654	-.654	0	%100
82	M95	Z	1.133	1.133	0	%100
83	M85B	X	-.12	-.12	0	%100
84	M85B	Z	.209	.209	0	%100
85	M86A	X	-.306	-.306	0	%100
86	M86A	Z	.53	.53	0	%100
87	M95A	X	-.306	-.306	0	%100
88	M95A	Z	.53	.53	0	%100
89	M96A	X	-.61	-.61	0	%100
90	M96A	Z	1.056	1.056	0	%100
91	M99A	X	0	0	0	%100
92	M99A	Z	0	0	0	%100
93	M100	X	-.339	-.339	0	%100
94	M100	Z	.587	.587	0	%100
95	M104	X	-.203	-.203	0	%100
96	M104	Z	.352	.352	0	%100
97	M105	X	0	0	0	%100
98	M105	Z	0	0	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M109	X	-.203	-.203	0	%100
102	M109	Z	.352	.352	0	%100
103	M110	X	-.621	-.621	0	%100
104	M110	Z	1.076	1.076	0	%100
105	M112	X	-.654	-.654	0	%100
106	M112	Z	1.133	1.133	0	%100
107	M117	X	-.482	-.482	0	%100
108	M117	Z	.835	.835	0	%100
109	M118	X	0	0	0	%100
110	M118	Z	0	0	0	%100
111	M119	X	0	0	0	%100
112	M119	Z	0	0	0	%100
113	M120	X	0	0	0	%100
114	M120	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M123	X	-.339	-.339	0	%100
116	M123	Z	.587	.587	0	%100
117	M124	X	-.339	-.339	0	%100
118	M124	Z	.587	.587	0	%100
119	M128	X	-.813	-.813	0	%100
120	M128	Z	1.409	1.409	0	%100
121	M129	X	-.621	-.621	0	%100
122	M129	Z	1.076	1.076	0	%100
123	M131	X	-.654	-.654	0	%100
124	M131	Z	1.133	1.133	0	%100
125	M133	X	-.813	-.813	0	%100
126	M133	Z	1.409	1.409	0	%100
127	M134	X	-.621	-.621	0	%100
128	M134	Z	1.076	1.076	0	%100
129	M136	X	-.654	-.654	0	%100
130	M136	Z	1.133	1.133	0	%100
131	M141	X	-.12	-.12	0	%100
132	M141	Z	.209	.209	0	%100
133	M142	X	-.306	-.306	0	%100
134	M142	Z	.53	.53	0	%100
135	M143	X	-.306	-.306	0	%100
136	M143	Z	.53	.53	0	%100
137	M144	X	-.61	-.61	0	%100
138	M144	Z	1.056	1.056	0	%100
139	M147	X	-.339	-.339	0	%100
140	M147	Z	.587	.587	0	%100
141	M148	X	0	0	0	%100
142	M148	Z	0	0	0	%100
143	M152	X	-.203	-.203	0	%100
144	M152	Z	.352	.352	0	%100
145	M153	X	-.621	-.621	0	%100
146	M153	Z	1.076	1.076	0	%100
147	M155	X	-.654	-.654	0	%100
148	M155	Z	1.133	1.133	0	%100
149	M157	X	-.203	-.203	0	%100
150	M157	Z	.352	.352	0	%100
151	M158	X	0	0	0	%100
152	M158	Z	0	0	0	%100
153	M160	X	0	0	0	%100
154	M160	Z	0	0	0	%100
155	M166	X	-.356	-.356	0	%100
156	M166	Z	.616	.616	0	%100
157	M168	X	-.482	-.482	0	%100
158	M168	Z	.835	.835	0	%100
159	M169	X	0	0	0	%100
160	M169	Z	0	0	0	%100
161	M178	X	0	0	0	%100
162	M178	Z	0	0	0	%100
163	M179	X	0	0	0	%100
164	M179	Z	0	0	0	%100
165	M182	X	-.339	-.339	0	%100
166	M182	Z	.587	.587	0	%100
167	M183	X	-.339	-.339	0	%100
168	M183	Z	.587	.587	0	%100
169	M187	X	-.813	-.813	0	%100
170	M187	Z	1.409	1.409	0	%100
171	M188	X	-.621	-.621	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,%]
172	M188	Z	1.076	1.076	0	%100
173	M190	X	-.654	-.654	0	%100
174	M190	Z	1.133	1.133	0	%100
175	M192	X	-.813	-.813	0	%100
176	M192	Z	1.409	1.409	0	%100
177	M193	X	-.621	-.621	0	%100
178	M193	Z	1.076	1.076	0	%100
179	M195	X	-.654	-.654	0	%100
180	M195	Z	1.133	1.133	0	%100
181	M200	X	-.12	-.12	0	%100
182	M200	Z	.209	.209	0	%100
183	M201	X	-.306	-.306	0	%100
184	M201	Z	.53	.53	0	%100
185	M202	X	-.306	-.306	0	%100
186	M202	Z	.53	.53	0	%100
187	M203	X	-.61	-.61	0	%100
188	M203	Z	1.056	1.056	0	%100
189	M206	X	-.339	-.339	0	%100
190	M206	Z	.587	.587	0	%100
191	M207	X	0	0	0	%100
192	M207	Z	0	0	0	%100
193	M211	X	-.203	-.203	0	%100
194	M211	Z	.352	.352	0	%100
195	M212	X	-.621	-.621	0	%100
196	M212	Z	1.076	1.076	0	%100
197	M214	X	-.654	-.654	0	%100
198	M214	Z	1.133	1.133	0	%100
199	M216	X	-.203	-.203	0	%100
200	M216	Z	.352	.352	0	%100
201	M217	X	0	0	0	%100
202	M217	Z	0	0	0	%100
203	M219	X	0	0	0	%100
204	M219	Z	0	0	0	%100
205	M224	X	-.12	-.12	0	%100
206	M224	Z	.209	.209	0	%100
207	M225	X	-.306	-.306	0	%100
208	M225	Z	.53	.53	0	%100
209	M226	X	-.306	-.306	0	%100
210	M226	Z	.53	.53	0	%100
211	M227	X	-.61	-.61	0	%100
212	M227	Z	1.056	1.056	0	%100
213	M230	X	0	0	0	%100
214	M230	Z	0	0	0	%100
215	M231	X	-.339	-.339	0	%100
216	M231	Z	.587	.587	0	%100
217	M235	X	-.203	-.203	0	%100
218	M235	Z	.352	.352	0	%100
219	M236	X	0	0	0	%100
220	M236	Z	0	0	0	%100
221	M238	X	0	0	0	%100
222	M238	Z	0	0	0	%100
223	M240	X	-.203	-.203	0	%100
224	M240	Z	.352	.352	0	%100
225	M241	X	-.621	-.621	0	%100
226	M241	Z	1.076	1.076	0	%100
227	M243	X	-.654	-.654	0	%100
228	M243	Z	1.133	1.133	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,%]
229	M248	X	-.356	-.356	0	%100
230	M248	Z	.616	.616	0	%100
231	M250	X	-.322	-.322	0	%100
232	M250	Z	.558	.558	0	%100
233	M230A	X	-.356	-.356	0	%100
234	M230A	Z	.616	.616	0	%100
235	MP3C	X	-.39	-.39	0	%100
236	MP3C	Z	.675	.675	0	%100
237	MP4C	X	-.322	-.322	0	%100
238	MP4C	Z	.558	.558	0	%100
239	MP2C	X	-.322	-.322	0	%100
240	MP2C	Z	.558	.558	0	%100
241	MP1C	X	-.322	-.322	0	%100
242	MP1C	Z	.558	.558	0	%100
243	M239A	X	0	0	0	%100
244	M239A	Z	0	0	0	%100
245	MP3B	X	-.39	-.39	0	%100
246	MP3B	Z	.675	.675	0	%100
247	MP4B	X	-.322	-.322	0	%100
248	MP4B	Z	.558	.558	0	%100
249	MP2B	X	-.322	-.322	0	%100
250	MP2B	Z	.558	.558	0	%100
251	MP1B	X	-.322	-.322	0	%100
252	MP1B	Z	.558	.558	0	%100
253	M254	X	0	0	0	%100
254	M254	Z	0	0	0	%100
255	M265	X	-.292	-.292	0	%100
256	M265	Z	.506	.506	0	%100
257	M276	X	-.292	-.292	0	%100
258	M276	Z	.506	.506	0	%100
259	M281	X	-.328	-.328	0	%100
260	M281	Z	.569	.569	0	%100
261	M282	X	-.328	-.328	0	%100
262	M282	Z	.569	.569	0	%100
263	M283	X	0	0	0	%100
264	M283	Z	0	0	0	%100
265	M284	X	-.593	-.593	0	%100
266	M284	Z	1.027	1.027	0	%100
267	M285	X	-.593	-.593	0	%100
268	M285	Z	1.027	1.027	0	%100
269	M286	X	-.675	-.675	0	%100
270	M286	Z	1.169	1.169	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	-.205	-.205	0	%100
2	M1	Z	.119	.119	0	%100
3	M4	X	-.626	-.626	0	%100
4	M4	Z	.361	.361	0	%100
5	M10	X	-.177	-.177	0	%100
6	M10	Z	.102	.102	0	%100
7	MP3A	X	-.675	-.675	0	%100
8	MP3A	Z	.39	.39	0	%100
9	MP4A	X	-.558	-.558	0	%100
10	MP4A	Z	.322	.322	0	%100
11	MP2A	X	-.558	-.558	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,%]
12	MP2A	Z	.322	.322	0	%100
13	MP1A	X	-.558	-.558	0	%100
14	MP1A	Z	.322	.322	0	%100
15	M43	X	-.177	-.177	0	%100
16	M43	Z	.102	.102	0	%100
17	M46	X	-.352	-.352	0	%100
18	M46	Z	.203	.203	0	%100
19	M51B	X	-.782	-.782	0	%100
20	M51B	Z	.452	.452	0	%100
21	M52B	X	-.196	-.196	0	%100
22	M52B	Z	.113	.113	0	%100
23	M76	X	-1.056	-1.056	0	%100
24	M76	Z	.61	.61	0	%100
25	M77	X	-1.435	-1.435	0	%100
26	M77	Z	.828	.828	0	%100
27	M80	X	-1.511	-1.511	0	%100
28	M80	Z	.872	.872	0	%100
29	M84	X	-1.056	-1.056	0	%100
30	M84	Z	.61	.61	0	%100
31	M85	X	-.359	-.359	0	%100
32	M85	Z	.207	.207	0	%100
33	M91	X	-.378	-.378	0	%100
34	M91	Z	.218	.218	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-.706	-.706	0	%100
38	M53	Z	.408	.408	0	%100
39	M54	X	-.706	-.706	0	%100
40	M54	Z	.408	.408	0	%100
41	M55	X	-1.409	-1.409	0	%100
42	M55	Z	.813	.813	0	%100
43	M58A	X	-.196	-.196	0	%100
44	M58A	Z	.113	.113	0	%100
45	M59A	X	-.196	-.196	0	%100
46	M59A	Z	.113	.113	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-.359	-.359	0	%100
50	M64	Z	.207	.207	0	%100
51	M66	X	-.378	-.378	0	%100
52	M66	Z	.218	.218	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-.359	-.359	0	%100
56	M69	Z	.207	.207	0	%100
57	M71	X	-.378	-.378	0	%100
58	M71	Z	.218	.218	0	%100
59	M76A	X	-.626	-.626	0	%100
60	M76A	Z	.361	.361	0	%100
61	M77A	X	-.177	-.177	0	%100
62	M77A	Z	.102	.102	0	%100
63	M78	X	-.177	-.177	0	%100
64	M78	Z	.102	.102	0	%100
65	M79A	X	-.352	-.352	0	%100
66	M79A	Z	.203	.203	0	%100
67	M82	X	-.196	-.196	0	%100
68	M82	Z	.113	.113	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,%]
69	M83A	X	-.782	-.782	0	%100
70	M83A	Z	.452	.452	0	%100
71	M87	X	-1.056	-1.056	0	%100
72	M87	Z	.61	.61	0	%100
73	M88A	X	-.359	-.359	0	%100
74	M88A	Z	.207	.207	0	%100
75	M90	X	-.378	-.378	0	%100
76	M90	Z	.218	.218	0	%100
77	M92A	X	-1.056	-1.056	0	%100
78	M92A	Z	.61	.61	0	%100
79	M93	X	-1.435	-1.435	0	%100
80	M93	Z	.828	.828	0	%100
81	M95	X	-1.511	-1.511	0	%100
82	M95	Z	.872	.872	0	%100
83	M85B	X	0	0	0	%100
84	M85B	Z	0	0	0	%100
85	M86A	X	-.706	-.706	0	%100
86	M86A	Z	.408	.408	0	%100
87	M95A	X	-.706	-.706	0	%100
88	M95A	Z	.408	.408	0	%100
89	M96A	X	-1.409	-1.409	0	%100
90	M96A	Z	.813	.813	0	%100
91	M99A	X	-.196	-.196	0	%100
92	M99A	Z	.113	.113	0	%100
93	M100	X	-.196	-.196	0	%100
94	M100	Z	.113	.113	0	%100
95	M104	X	0	0	0	%100
96	M104	Z	0	0	0	%100
97	M105	X	-.359	-.359	0	%100
98	M105	Z	.207	.207	0	%100
99	M107	X	-.378	-.378	0	%100
100	M107	Z	.218	.218	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	-.359	-.359	0	%100
104	M110	Z	.207	.207	0	%100
105	M112	X	-.378	-.378	0	%100
106	M112	Z	.218	.218	0	%100
107	M117	X	-.626	-.626	0	%100
108	M117	Z	.361	.361	0	%100
109	M118	X	-.177	-.177	0	%100
110	M118	Z	.102	.102	0	%100
111	M119	X	-.177	-.177	0	%100
112	M119	Z	.102	.102	0	%100
113	M120	X	-.352	-.352	0	%100
114	M120	Z	.203	.203	0	%100
115	M123	X	-.196	-.196	0	%100
116	M123	Z	.113	.113	0	%100
117	M124	X	-.782	-.782	0	%100
118	M124	Z	.452	.452	0	%100
119	M128	X	-1.056	-1.056	0	%100
120	M128	Z	.61	.61	0	%100
121	M129	X	-.359	-.359	0	%100
122	M129	Z	.207	.207	0	%100
123	M131	X	-.378	-.378	0	%100
124	M131	Z	.218	.218	0	%100
125	M133	X	-1.056	-1.056	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,%]
126	M133	Z	.61	.61	0	%100
127	M134	X	-1.435	-1.435	0	%100
128	M134	Z	.828	.828	0	%100
129	M136	X	-1.511	-1.511	0	%100
130	M136	Z	.872	.872	0	%100
131	M141	X	-.626	-.626	0	%100
132	M141	Z	.361	.361	0	%100
133	M142	X	-.177	-.177	0	%100
134	M142	Z	.102	.102	0	%100
135	M143	X	-.177	-.177	0	%100
136	M143	Z	.102	.102	0	%100
137	M144	X	-.352	-.352	0	%100
138	M144	Z	.203	.203	0	%100
139	M147	X	-.782	-.782	0	%100
140	M147	Z	.452	.452	0	%100
141	M148	X	-.196	-.196	0	%100
142	M148	Z	.113	.113	0	%100
143	M152	X	-1.056	-1.056	0	%100
144	M152	Z	.61	.61	0	%100
145	M153	X	-1.435	-1.435	0	%100
146	M153	Z	.828	.828	0	%100
147	M155	X	-1.511	-1.511	0	%100
148	M155	Z	.872	.872	0	%100
149	M157	X	-1.056	-1.056	0	%100
150	M157	Z	.61	.61	0	%100
151	M158	X	-.359	-.359	0	%100
152	M158	Z	.207	.207	0	%100
153	M160	X	-.378	-.378	0	%100
154	M160	Z	.218	.218	0	%100
155	M166	X	-.205	-.205	0	%100
156	M166	Z	.119	.119	0	%100
157	M168	X	-.626	-.626	0	%100
158	M168	Z	.361	.361	0	%100
159	M169	X	-.177	-.177	0	%100
160	M169	Z	.102	.102	0	%100
161	M178	X	-.177	-.177	0	%100
162	M178	Z	.102	.102	0	%100
163	M179	X	-.352	-.352	0	%100
164	M179	Z	.203	.203	0	%100
165	M182	X	-.196	-.196	0	%100
166	M182	Z	.113	.113	0	%100
167	M183	X	-.782	-.782	0	%100
168	M183	Z	.452	.452	0	%100
169	M187	X	-1.056	-1.056	0	%100
170	M187	Z	.61	.61	0	%100
171	M188	X	-.359	-.359	0	%100
172	M188	Z	.207	.207	0	%100
173	M190	X	-.378	-.378	0	%100
174	M190	Z	.218	.218	0	%100
175	M192	X	-1.056	-1.056	0	%100
176	M192	Z	.61	.61	0	%100
177	M193	X	-1.435	-1.435	0	%100
178	M193	Z	.828	.828	0	%100
179	M195	X	-1.511	-1.511	0	%100
180	M195	Z	.872	.872	0	%100
181	M200	X	-.626	-.626	0	%100
182	M200	Z	.361	.361	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,%]
183	M201	X	-.177	-.177	0	%100
184	M201	Z	.102	.102	0	%100
185	M202	X	-.177	-.177	0	%100
186	M202	Z	.102	.102	0	%100
187	M203	X	-.352	-.352	0	%100
188	M203	Z	.203	.203	0	%100
189	M206	X	-.782	-.782	0	%100
190	M206	Z	.452	.452	0	%100
191	M207	X	-.196	-.196	0	%100
192	M207	Z	.113	.113	0	%100
193	M211	X	-1.056	-1.056	0	%100
194	M211	Z	.61	.61	0	%100
195	M212	X	-1.435	-1.435	0	%100
196	M212	Z	.828	.828	0	%100
197	M214	X	-1.511	-1.511	0	%100
198	M214	Z	.872	.872	0	%100
199	M216	X	-1.056	-1.056	0	%100
200	M216	Z	.61	.61	0	%100
201	M217	X	-.359	-.359	0	%100
202	M217	Z	.207	.207	0	%100
203	M219	X	-.378	-.378	0	%100
204	M219	Z	.218	.218	0	%100
205	M224	X	0	0	0	%100
206	M224	Z	0	0	0	%100
207	M225	X	-.706	-.706	0	%100
208	M225	Z	.408	.408	0	%100
209	M226	X	-.706	-.706	0	%100
210	M226	Z	.408	.408	0	%100
211	M227	X	-1.409	-1.409	0	%100
212	M227	Z	.813	.813	0	%100
213	M230	X	-.196	-.196	0	%100
214	M230	Z	.113	.113	0	%100
215	M231	X	-.196	-.196	0	%100
216	M231	Z	.113	.113	0	%100
217	M235	X	0	0	0	%100
218	M235	Z	0	0	0	%100
219	M236	X	-.359	-.359	0	%100
220	M236	Z	.207	.207	0	%100
221	M238	X	-.378	-.378	0	%100
222	M238	Z	.218	.218	0	%100
223	M240	X	0	0	0	%100
224	M240	Z	0	0	0	%100
225	M241	X	-.359	-.359	0	%100
226	M241	Z	.207	.207	0	%100
227	M243	X	-.378	-.378	0	%100
228	M243	Z	.218	.218	0	%100
229	M248	X	-.205	-.205	0	%100
230	M248	Z	.119	.119	0	%100
231	M250	X	-.558	-.558	0	%100
232	M250	Z	.322	.322	0	%100
233	M230A	X	-.822	-.822	0	%100
234	M230A	Z	.474	.474	0	%100
235	MP3C	X	-.675	-.675	0	%100
236	MP3C	Z	.39	.39	0	%100
237	MP4C	X	-.558	-.558	0	%100
238	MP4C	Z	.322	.322	0	%100
239	MP2C	X	-.558	-.558	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,%]
240	MP2C	Z	.322	.322	0	%100
241	MP1C	X	-.558	-.558	0	%100
242	MP1C	Z	.322	.322	0	%100
243	M239A	X	-.205	-.205	0	%100
244	M239A	Z	.119	.119	0	%100
245	MP3B	X	-.675	-.675	0	%100
246	MP3B	Z	.39	.39	0	%100
247	MP4B	X	-.558	-.558	0	%100
248	MP4B	Z	.322	.322	0	%100
249	MP2B	X	-.558	-.558	0	%100
250	MP2B	Z	.322	.322	0	%100
251	MP1B	X	-.558	-.558	0	%100
252	MP1B	Z	.322	.322	0	%100
253	M254	X	-.169	-.169	0	%100
254	M254	Z	.097	.097	0	%100
255	M265	X	-.169	-.169	0	%100
256	M265	Z	.097	.097	0	%100
257	M276	X	-.675	-.675	0	%100
258	M276	Z	.39	.39	0	%100
259	M281	X	-.758	-.758	0	%100
260	M281	Z	.438	.438	0	%100
261	M282	X	-.19	-.19	0	%100
262	M282	Z	.109	.109	0	%100
263	M283	X	-.19	-.19	0	%100
264	M283	Z	.109	.109	0	%100
265	M284	X	-1.122	-1.122	0	%100
266	M284	Z	.648	.648	0	%100
267	M285	X	-.98	-.98	0	%100
268	M285	Z	.566	.566	0	%100
269	M286	X	-1.122	-1.122	0	%100
270	M286	Z	.648	.648	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	-.964	-.964	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	-.779	-.779	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.644	-.644	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.644	-.644	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.644	-.644	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	-.677	-.677	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.677	-.677	0	%100
22	M52B	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,%]
23	M76	X	-1.626	-1.626	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-1.242	-1.242	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-1.309	-1.309	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.626	-1.626	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-1.242	-1.242	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-1.309	-1.309	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.241	-.241	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-.612	-.612	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-.612	-.612	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-1.22	-1.22	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-.677	-.677	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-.407	-.407	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-1.242	-1.242	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-1.309	-1.309	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.407	-.407	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-.241	-.241	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-.612	-.612	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-.612	-.612	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-1.22	-1.22	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-.677	-.677	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.407	-.407	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-.407	-.407	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-1.242	-1.242	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,%]
80	M93	Z	0	0	0	%100
81	M95	X	-1.309	-1.309	0	%100
82	M95	Z	0	0	0	%100
83	M85B	X	-.241	-.241	0	%100
84	M85B	Z	0	0	0	%100
85	M86A	X	-.612	-.612	0	%100
86	M86A	Z	0	0	0	%100
87	M95A	X	-.612	-.612	0	%100
88	M95A	Z	0	0	0	%100
89	M96A	X	-1.22	-1.22	0	%100
90	M96A	Z	0	0	0	%100
91	M99A	X	-.677	-.677	0	%100
92	M99A	Z	0	0	0	%100
93	M100	X	0	0	0	%100
94	M100	Z	0	0	0	%100
95	M104	X	-.407	-.407	0	%100
96	M104	Z	0	0	0	%100
97	M105	X	-1.242	-1.242	0	%100
98	M105	Z	0	0	0	%100
99	M107	X	-1.309	-1.309	0	%100
100	M107	Z	0	0	0	%100
101	M109	X	-.407	-.407	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	0	0	0	%100
107	M117	X	-.241	-.241	0	%100
108	M117	Z	0	0	0	%100
109	M118	X	-.612	-.612	0	%100
110	M118	Z	0	0	0	%100
111	M119	X	-.612	-.612	0	%100
112	M119	Z	0	0	0	%100
113	M120	X	-1.22	-1.22	0	%100
114	M120	Z	0	0	0	%100
115	M123	X	0	0	0	%100
116	M123	Z	0	0	0	%100
117	M124	X	-.677	-.677	0	%100
118	M124	Z	0	0	0	%100
119	M128	X	-.407	-.407	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	0	0	0	%100
123	M131	X	0	0	0	%100
124	M131	Z	0	0	0	%100
125	M133	X	-.407	-.407	0	%100
126	M133	Z	0	0	0	%100
127	M134	X	-1.242	-1.242	0	%100
128	M134	Z	0	0	0	%100
129	M136	X	-1.309	-1.309	0	%100
130	M136	Z	0	0	0	%100
131	M141	X	-.964	-.964	0	%100
132	M141	Z	0	0	0	%100
133	M142	X	0	0	0	%100
134	M142	Z	0	0	0	%100
135	M143	X	0	0	0	%100
136	M143	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,%]
137	M144	X	0	0	0	%100
138	M144	Z	0	0	0	%100
139	M147	X	-.677	-.677	0	%100
140	M147	Z	0	0	0	%100
141	M148	X	-.677	-.677	0	%100
142	M148	Z	0	0	0	%100
143	M152	X	-1.626	-1.626	0	%100
144	M152	Z	0	0	0	%100
145	M153	X	-1.242	-1.242	0	%100
146	M153	Z	0	0	0	%100
147	M155	X	-1.309	-1.309	0	%100
148	M155	Z	0	0	0	%100
149	M157	X	-1.626	-1.626	0	%100
150	M157	Z	0	0	0	%100
151	M158	X	-1.242	-1.242	0	%100
152	M158	Z	0	0	0	%100
153	M160	X	-1.309	-1.309	0	%100
154	M160	Z	0	0	0	%100
155	M166	X	0	0	0	%100
156	M166	Z	0	0	0	%100
157	M168	X	-.241	-.241	0	%100
158	M168	Z	0	0	0	%100
159	M169	X	-.612	-.612	0	%100
160	M169	Z	0	0	0	%100
161	M178	X	-.612	-.612	0	%100
162	M178	Z	0	0	0	%100
163	M179	X	-1.22	-1.22	0	%100
164	M179	Z	0	0	0	%100
165	M182	X	0	0	0	%100
166	M182	Z	0	0	0	%100
167	M183	X	-.677	-.677	0	%100
168	M183	Z	0	0	0	%100
169	M187	X	-.407	-.407	0	%100
170	M187	Z	0	0	0	%100
171	M188	X	0	0	0	%100
172	M188	Z	0	0	0	%100
173	M190	X	0	0	0	%100
174	M190	Z	0	0	0	%100
175	M192	X	-.407	-.407	0	%100
176	M192	Z	0	0	0	%100
177	M193	X	-1.242	-1.242	0	%100
178	M193	Z	0	0	0	%100
179	M195	X	-1.309	-1.309	0	%100
180	M195	Z	0	0	0	%100
181	M200	X	-.964	-.964	0	%100
182	M200	Z	0	0	0	%100
183	M201	X	0	0	0	%100
184	M201	Z	0	0	0	%100
185	M202	X	0	0	0	%100
186	M202	Z	0	0	0	%100
187	M203	X	0	0	0	%100
188	M203	Z	0	0	0	%100
189	M206	X	-.677	-.677	0	%100
190	M206	Z	0	0	0	%100
191	M207	X	-.677	-.677	0	%100
192	M207	Z	0	0	0	%100
193	M211	X	-1.626	-1.626	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,%]
194	M211	Z	0	0	0	%100
195	M212	X	-1.242	-1.242	0	%100
196	M212	Z	0	0	0	%100
197	M214	X	-1.309	-1.309	0	%100
198	M214	Z	0	0	0	%100
199	M216	X	-1.626	-1.626	0	%100
200	M216	Z	0	0	0	%100
201	M217	X	-1.242	-1.242	0	%100
202	M217	Z	0	0	0	%100
203	M219	X	-1.309	-1.309	0	%100
204	M219	Z	0	0	0	%100
205	M224	X	-.241	-.241	0	%100
206	M224	Z	0	0	0	%100
207	M225	X	-.612	-.612	0	%100
208	M225	Z	0	0	0	%100
209	M226	X	-.612	-.612	0	%100
210	M226	Z	0	0	0	%100
211	M227	X	-1.22	-1.22	0	%100
212	M227	Z	0	0	0	%100
213	M230	X	-.677	-.677	0	%100
214	M230	Z	0	0	0	%100
215	M231	X	0	0	0	%100
216	M231	Z	0	0	0	%100
217	M235	X	-.407	-.407	0	%100
218	M235	Z	0	0	0	%100
219	M236	X	-1.242	-1.242	0	%100
220	M236	Z	0	0	0	%100
221	M238	X	-1.309	-1.309	0	%100
222	M238	Z	0	0	0	%100
223	M240	X	-.407	-.407	0	%100
224	M240	Z	0	0	0	%100
225	M241	X	0	0	0	%100
226	M241	Z	0	0	0	%100
227	M243	X	0	0	0	%100
228	M243	Z	0	0	0	%100
229	M248	X	0	0	0	%100
230	M248	Z	0	0	0	%100
231	M250	X	-.644	-.644	0	%100
232	M250	Z	0	0	0	%100
233	M230A	X	-.711	-.711	0	%100
234	M230A	Z	0	0	0	%100
235	MP3C	X	-.779	-.779	0	%100
236	MP3C	Z	0	0	0	%100
237	MP4C	X	-.644	-.644	0	%100
238	MP4C	Z	0	0	0	%100
239	MP2C	X	-.644	-.644	0	%100
240	MP2C	Z	0	0	0	%100
241	MP1C	X	-.644	-.644	0	%100
242	MP1C	Z	0	0	0	%100
243	M239A	X	-.711	-.711	0	%100
244	M239A	Z	0	0	0	%100
245	MP3B	X	-.779	-.779	0	%100
246	MP3B	Z	0	0	0	%100
247	MP4B	X	-.644	-.644	0	%100
248	MP4B	Z	0	0	0	%100
249	MP2B	X	-.644	-.644	0	%100
250	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,%]
251	MP1B	X	-.644	-.644	0	%100
252	MP1B	Z	0	0	0	%100
253	M254	X	-.585	-.585	0	%100
254	M254	Z	0	0	0	%100
255	M265	X	0	0	0	%100
256	M265	Z	0	0	0	%100
257	M276	X	-.585	-.585	0	%100
258	M276	Z	0	0	0	%100
259	M281	X	-.657	-.657	0	%100
260	M281	Z	0	0	0	%100
261	M282	X	0	0	0	%100
262	M282	Z	0	0	0	%100
263	M283	X	-.657	-.657	0	%100
264	M283	Z	0	0	0	%100
265	M284	X	-1.35	-1.35	0	%100
266	M284	Z	0	0	0	%100
267	M285	X	-1.186	-1.186	0	%100
268	M285	Z	0	0	0	%100
269	M286	X	-1.186	-1.186	0	%100
270	M286	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	-.205	-.205	0	%100
2	M1	Z	-.119	-.119	0	%100
3	M4	X	-.626	-.626	0	%100
4	M4	Z	-.361	-.361	0	%100
5	M10	X	-.177	-.177	0	%100
6	M10	Z	-.102	-.102	0	%100
7	MP3A	X	-.675	-.675	0	%100
8	MP3A	Z	-.39	-.39	0	%100
9	MP4A	X	-.558	-.558	0	%100
10	MP4A	Z	-.322	-.322	0	%100
11	MP2A	X	-.558	-.558	0	%100
12	MP2A	Z	-.322	-.322	0	%100
13	MP1A	X	-.558	-.558	0	%100
14	MP1A	Z	-.322	-.322	0	%100
15	M43	X	-.177	-.177	0	%100
16	M43	Z	-.102	-.102	0	%100
17	M46	X	-.352	-.352	0	%100
18	M46	Z	-.203	-.203	0	%100
19	M51B	X	-.196	-.196	0	%100
20	M51B	Z	-.113	-.113	0	%100
21	M52B	X	-.782	-.782	0	%100
22	M52B	Z	-.452	-.452	0	%100
23	M76	X	-1.056	-1.056	0	%100
24	M76	Z	-.61	-.61	0	%100
25	M77	X	-.359	-.359	0	%100
26	M77	Z	-.207	-.207	0	%100
27	M80	X	-.378	-.378	0	%100
28	M80	Z	-.218	-.218	0	%100
29	M84	X	-1.056	-1.056	0	%100
30	M84	Z	-.61	-.61	0	%100
31	M85	X	-1.435	-1.435	0	%100
32	M85	Z	-.828	-.828	0	%100
33	M91	X	-1.511	-1.511	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,%]
34	M91	Z	-.872	-.872	0	%100
35	M52A	X	-.626	-.626	0	%100
36	M52A	Z	-.361	-.361	0	%100
37	M53	X	-.177	-.177	0	%100
38	M53	Z	-.102	-.102	0	%100
39	M54	X	-.177	-.177	0	%100
40	M54	Z	-.102	-.102	0	%100
41	M55	X	-.352	-.352	0	%100
42	M55	Z	-.203	-.203	0	%100
43	M58A	X	-.782	-.782	0	%100
44	M58A	Z	-.452	-.452	0	%100
45	M59A	X	-.196	-.196	0	%100
46	M59A	Z	-.113	-.113	0	%100
47	M63	X	-1.056	-1.056	0	%100
48	M63	Z	-.61	-.61	0	%100
49	M64	X	-1.435	-1.435	0	%100
50	M64	Z	-.828	-.828	0	%100
51	M66	X	-1.511	-1.511	0	%100
52	M66	Z	-.872	-.872	0	%100
53	M68	X	-1.056	-1.056	0	%100
54	M68	Z	-.61	-.61	0	%100
55	M69	X	-.359	-.359	0	%100
56	M69	Z	-.207	-.207	0	%100
57	M71	X	-.378	-.378	0	%100
58	M71	Z	-.218	-.218	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-.706	-.706	0	%100
62	M77A	Z	-.408	-.408	0	%100
63	M78	X	-.706	-.706	0	%100
64	M78	Z	-.408	-.408	0	%100
65	M79A	X	-1.409	-1.409	0	%100
66	M79A	Z	-.813	-.813	0	%100
67	M82	X	-.196	-.196	0	%100
68	M82	Z	-.113	-.113	0	%100
69	M83A	X	-.196	-.196	0	%100
70	M83A	Z	-.113	-.113	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-.359	-.359	0	%100
74	M88A	Z	-.207	-.207	0	%100
75	M90	X	-.378	-.378	0	%100
76	M90	Z	-.218	-.218	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-.359	-.359	0	%100
80	M93	Z	-.207	-.207	0	%100
81	M95	X	-.378	-.378	0	%100
82	M95	Z	-.218	-.218	0	%100
83	M85B	X	-.626	-.626	0	%100
84	M85B	Z	-.361	-.361	0	%100
85	M86A	X	-.177	-.177	0	%100
86	M86A	Z	-.102	-.102	0	%100
87	M95A	X	-.177	-.177	0	%100
88	M95A	Z	-.102	-.102	0	%100
89	M96A	X	-.352	-.352	0	%100
90	M96A	Z	-.203	-.203	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,%]
91	M99A	X	-.782	-.782	0	%100
92	M99A	Z	-.452	-.452	0	%100
93	M100	X	-.196	-.196	0	%100
94	M100	Z	-.113	-.113	0	%100
95	M104	X	-1.056	-1.056	0	%100
96	M104	Z	-.61	-.61	0	%100
97	M105	X	-1.435	-1.435	0	%100
98	M105	Z	-.828	-.828	0	%100
99	M107	X	-1.511	-1.511	0	%100
100	M107	Z	-.872	-.872	0	%100
101	M109	X	-1.056	-1.056	0	%100
102	M109	Z	-.61	-.61	0	%100
103	M110	X	-.359	-.359	0	%100
104	M110	Z	-.207	-.207	0	%100
105	M112	X	-.378	-.378	0	%100
106	M112	Z	-.218	-.218	0	%100
107	M117	X	0	0	0	%100
108	M117	Z	0	0	0	%100
109	M118	X	-.706	-.706	0	%100
110	M118	Z	-.408	-.408	0	%100
111	M119	X	-.706	-.706	0	%100
112	M119	Z	-.408	-.408	0	%100
113	M120	X	-1.409	-1.409	0	%100
114	M120	Z	-.813	-.813	0	%100
115	M123	X	-.196	-.196	0	%100
116	M123	Z	-.113	-.113	0	%100
117	M124	X	-.196	-.196	0	%100
118	M124	Z	-.113	-.113	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	-.359	-.359	0	%100
122	M129	Z	-.207	-.207	0	%100
123	M131	X	-.378	-.378	0	%100
124	M131	Z	-.218	-.218	0	%100
125	M133	X	0	0	0	%100
126	M133	Z	0	0	0	%100
127	M134	X	-.359	-.359	0	%100
128	M134	Z	-.207	-.207	0	%100
129	M136	X	-.378	-.378	0	%100
130	M136	Z	-.218	-.218	0	%100
131	M141	X	-.626	-.626	0	%100
132	M141	Z	-.361	-.361	0	%100
133	M142	X	-.177	-.177	0	%100
134	M142	Z	-.102	-.102	0	%100
135	M143	X	-.177	-.177	0	%100
136	M143	Z	-.102	-.102	0	%100
137	M144	X	-.352	-.352	0	%100
138	M144	Z	-.203	-.203	0	%100
139	M147	X	-.196	-.196	0	%100
140	M147	Z	-.113	-.113	0	%100
141	M148	X	-.782	-.782	0	%100
142	M148	Z	-.452	-.452	0	%100
143	M152	X	-1.056	-1.056	0	%100
144	M152	Z	-.61	-.61	0	%100
145	M153	X	-.359	-.359	0	%100
146	M153	Z	-.207	-.207	0	%100
147	M155	X	-.378	-.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
148	M155	Z	-.218	-.218	0	%100
149	M157	X	-1.056	-1.056	0	%100
150	M157	Z	-.61	-.61	0	%100
151	M158	X	-1.435	-1.435	0	%100
152	M158	Z	-.828	-.828	0	%100
153	M160	X	-1.511	-1.511	0	%100
154	M160	Z	-.872	-.872	0	%100
155	M166	X	-.205	-.205	0	%100
156	M166	Z	-.119	-.119	0	%100
157	M168	X	0	0	0	%100
158	M168	Z	0	0	0	%100
159	M169	X	-.706	-.706	0	%100
160	M169	Z	-.408	-.408	0	%100
161	M178	X	-.706	-.706	0	%100
162	M178	Z	-.408	-.408	0	%100
163	M179	X	-1.409	-1.409	0	%100
164	M179	Z	-.813	-.813	0	%100
165	M182	X	-.196	-.196	0	%100
166	M182	Z	-.113	-.113	0	%100
167	M183	X	-.196	-.196	0	%100
168	M183	Z	-.113	-.113	0	%100
169	M187	X	0	0	0	%100
170	M187	Z	0	0	0	%100
171	M188	X	-.359	-.359	0	%100
172	M188	Z	-.207	-.207	0	%100
173	M190	X	-.378	-.378	0	%100
174	M190	Z	-.218	-.218	0	%100
175	M192	X	0	0	0	%100
176	M192	Z	0	0	0	%100
177	M193	X	-.359	-.359	0	%100
178	M193	Z	-.207	-.207	0	%100
179	M195	X	-.378	-.378	0	%100
180	M195	Z	-.218	-.218	0	%100
181	M200	X	-.626	-.626	0	%100
182	M200	Z	-.361	-.361	0	%100
183	M201	X	-.177	-.177	0	%100
184	M201	Z	-.102	-.102	0	%100
185	M202	X	-.177	-.177	0	%100
186	M202	Z	-.102	-.102	0	%100
187	M203	X	-.352	-.352	0	%100
188	M203	Z	-.203	-.203	0	%100
189	M206	X	-.196	-.196	0	%100
190	M206	Z	-.113	-.113	0	%100
191	M207	X	-.782	-.782	0	%100
192	M207	Z	-.452	-.452	0	%100
193	M211	X	-1.056	-1.056	0	%100
194	M211	Z	-.61	-.61	0	%100
195	M212	X	-.359	-.359	0	%100
196	M212	Z	-.207	-.207	0	%100
197	M214	X	-.378	-.378	0	%100
198	M214	Z	-.218	-.218	0	%100
199	M216	X	-1.056	-1.056	0	%100
200	M216	Z	-.61	-.61	0	%100
201	M217	X	-1.435	-1.435	0	%100
202	M217	Z	-.828	-.828	0	%100
203	M219	X	-1.511	-1.511	0	%100
204	M219	Z	-.872	-.872	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,%]
205	M224	X	-.626	-.626	0	%100
206	M224	Z	-.361	-.361	0	%100
207	M225	X	-.177	-.177	0	%100
208	M225	Z	-.102	-.102	0	%100
209	M226	X	-.177	-.177	0	%100
210	M226	Z	-.102	-.102	0	%100
211	M227	X	-.352	-.352	0	%100
212	M227	Z	-.203	-.203	0	%100
213	M230	X	-.782	-.782	0	%100
214	M230	Z	-.452	-.452	0	%100
215	M231	X	-.196	-.196	0	%100
216	M231	Z	-.113	-.113	0	%100
217	M235	X	-1.056	-1.056	0	%100
218	M235	Z	-.61	-.61	0	%100
219	M236	X	-1.435	-1.435	0	%100
220	M236	Z	-.828	-.828	0	%100
221	M238	X	-1.511	-1.511	0	%100
222	M238	Z	-.872	-.872	0	%100
223	M240	X	-1.056	-1.056	0	%100
224	M240	Z	-.61	-.61	0	%100
225	M241	X	-.359	-.359	0	%100
226	M241	Z	-.207	-.207	0	%100
227	M243	X	-.378	-.378	0	%100
228	M243	Z	-.218	-.218	0	%100
229	M248	X	-.205	-.205	0	%100
230	M248	Z	-.119	-.119	0	%100
231	M250	X	-.558	-.558	0	%100
232	M250	Z	-.322	-.322	0	%100
233	M230A	X	-.205	-.205	0	%100
234	M230A	Z	-.119	-.119	0	%100
235	MP3C	X	-.675	-.675	0	%100
236	MP3C	Z	-.39	-.39	0	%100
237	MP4C	X	-.558	-.558	0	%100
238	MP4C	Z	-.322	-.322	0	%100
239	MP2C	X	-.558	-.558	0	%100
240	MP2C	Z	-.322	-.322	0	%100
241	MP1C	X	-.558	-.558	0	%100
242	MP1C	Z	-.322	-.322	0	%100
243	M239A	X	-.822	-.822	0	%100
244	M239A	Z	-.474	-.474	0	%100
245	MP3B	X	-.675	-.675	0	%100
246	MP3B	Z	-.39	-.39	0	%100
247	MP4B	X	-.558	-.558	0	%100
248	MP4B	Z	-.322	-.322	0	%100
249	MP2B	X	-.558	-.558	0	%100
250	MP2B	Z	-.322	-.322	0	%100
251	MP1B	X	-.558	-.558	0	%100
252	MP1B	Z	-.322	-.322	0	%100
253	M254	X	-.675	-.675	0	%100
254	M254	Z	-.39	-.39	0	%100
255	M265	X	-.169	-.169	0	%100
256	M265	Z	-.097	-.097	0	%100
257	M276	X	-.169	-.169	0	%100
258	M276	Z	-.097	-.097	0	%100
259	M281	X	-.19	-.19	0	%100
260	M281	Z	-.109	-.109	0	%100
261	M282	X	-.19	-.19	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,%]
262	M282	Z	-.109	-.109	0	%100
263	M283	X	-.758	-.758	0	%100
264	M283	Z	-.438	-.438	0	%100
265	M284	X	-1.122	-1.122	0	%100
266	M284	Z	-.648	-.648	0	%100
267	M285	X	-1.122	-1.122	0	%100
268	M285	Z	-.648	-.648	0	%100
269	M286	X	-.98	-.98	0	%100
270	M286	Z	-.566	-.566	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	-.356	-.356	0	%100
2	M1	Z	-.616	-.616	0	%100
3	M4	X	-.12	-.12	0	%100
4	M4	Z	-.209	-.209	0	%100
5	M10	X	-.306	-.306	0	%100
6	M10	Z	-.53	-.53	0	%100
7	MP3A	X	-.39	-.39	0	%100
8	MP3A	Z	-.675	-.675	0	%100
9	MP4A	X	-.322	-.322	0	%100
10	MP4A	Z	-.558	-.558	0	%100
11	MP2A	X	-.322	-.322	0	%100
12	MP2A	Z	-.558	-.558	0	%100
13	MP1A	X	-.322	-.322	0	%100
14	MP1A	Z	-.558	-.558	0	%100
15	M43	X	-.306	-.306	0	%100
16	M43	Z	-.53	-.53	0	%100
17	M46	X	-.61	-.61	0	%100
18	M46	Z	-1.056	-1.056	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.339	-.339	0	%100
22	M52B	Z	-.587	-.587	0	%100
23	M76	X	-.203	-.203	0	%100
24	M76	Z	-.352	-.352	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	-.203	-.203	0	%100
30	M84	Z	-.352	-.352	0	%100
31	M85	X	-.621	-.621	0	%100
32	M85	Z	-1.076	-1.076	0	%100
33	M91	X	-.654	-.654	0	%100
34	M91	Z	-1.133	-1.133	0	%100
35	M52A	X	-.482	-.482	0	%100
36	M52A	Z	-.835	-.835	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-.339	-.339	0	%100
44	M58A	Z	-.587	-.587	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,%]
45	M59A	X	-.339	-.339	0	%100
46	M59A	Z	-.587	-.587	0	%100
47	M63	X	-.813	-.813	0	%100
48	M63	Z	-1.409	-1.409	0	%100
49	M64	X	-.621	-.621	0	%100
50	M64	Z	-1.076	-1.076	0	%100
51	M66	X	-.654	-.654	0	%100
52	M66	Z	-1.133	-1.133	0	%100
53	M68	X	-.813	-.813	0	%100
54	M68	Z	-1.409	-1.409	0	%100
55	M69	X	-.621	-.621	0	%100
56	M69	Z	-1.076	-1.076	0	%100
57	M71	X	-.654	-.654	0	%100
58	M71	Z	-1.133	-1.133	0	%100
59	M76A	X	-.12	-.12	0	%100
60	M76A	Z	-.209	-.209	0	%100
61	M77A	X	-.306	-.306	0	%100
62	M77A	Z	-.53	-.53	0	%100
63	M78	X	-.306	-.306	0	%100
64	M78	Z	-.53	-.53	0	%100
65	M79A	X	-.61	-.61	0	%100
66	M79A	Z	-1.056	-1.056	0	%100
67	M82	X	-.339	-.339	0	%100
68	M82	Z	-.587	-.587	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.203	-.203	0	%100
72	M87	Z	-.352	-.352	0	%100
73	M88A	X	-.621	-.621	0	%100
74	M88A	Z	-1.076	-1.076	0	%100
75	M90	X	-.654	-.654	0	%100
76	M90	Z	-1.133	-1.133	0	%100
77	M92A	X	-.203	-.203	0	%100
78	M92A	Z	-.352	-.352	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M85B	X	-.482	-.482	0	%100
84	M85B	Z	-.835	-.835	0	%100
85	M86A	X	0	0	0	%100
86	M86A	Z	0	0	0	%100
87	M95A	X	0	0	0	%100
88	M95A	Z	0	0	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	0	0	0	%100
91	M99A	X	-.339	-.339	0	%100
92	M99A	Z	-.587	-.587	0	%100
93	M100	X	-.339	-.339	0	%100
94	M100	Z	-.587	-.587	0	%100
95	M104	X	-.813	-.813	0	%100
96	M104	Z	-1.409	-1.409	0	%100
97	M105	X	-.621	-.621	0	%100
98	M105	Z	-1.076	-1.076	0	%100
99	M107	X	-.654	-.654	0	%100
100	M107	Z	-1.133	-1.133	0	%100
101	M109	X	-.813	-.813	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,%]
102	M109	Z	-1.409	-1.409	0	%100
103	M110	X	-.621	-.621	0	%100
104	M110	Z	-1.076	-1.076	0	%100
105	M112	X	-.654	-.654	0	%100
106	M112	Z	-1.133	-1.133	0	%100
107	M117	X	-.12	-.12	0	%100
108	M117	Z	-.209	-.209	0	%100
109	M118	X	-.306	-.306	0	%100
110	M118	Z	-.53	-.53	0	%100
111	M119	X	-.306	-.306	0	%100
112	M119	Z	-.53	-.53	0	%100
113	M120	X	-.61	-.61	0	%100
114	M120	Z	-1.056	-1.056	0	%100
115	M123	X	-.339	-.339	0	%100
116	M123	Z	-.587	-.587	0	%100
117	M124	X	0	0	0	%100
118	M124	Z	0	0	0	%100
119	M128	X	-.203	-.203	0	%100
120	M128	Z	-.352	-.352	0	%100
121	M129	X	-.621	-.621	0	%100
122	M129	Z	-1.076	-1.076	0	%100
123	M131	X	-.654	-.654	0	%100
124	M131	Z	-1.133	-1.133	0	%100
125	M133	X	-.203	-.203	0	%100
126	M133	Z	-.352	-.352	0	%100
127	M134	X	0	0	0	%100
128	M134	Z	0	0	0	%100
129	M136	X	0	0	0	%100
130	M136	Z	0	0	0	%100
131	M141	X	-.12	-.12	0	%100
132	M141	Z	-.209	-.209	0	%100
133	M142	X	-.306	-.306	0	%100
134	M142	Z	-.53	-.53	0	%100
135	M143	X	-.306	-.306	0	%100
136	M143	Z	-.53	-.53	0	%100
137	M144	X	-.61	-.61	0	%100
138	M144	Z	-1.056	-1.056	0	%100
139	M147	X	0	0	0	%100
140	M147	Z	0	0	0	%100
141	M148	X	-.339	-.339	0	%100
142	M148	Z	-.587	-.587	0	%100
143	M152	X	-.203	-.203	0	%100
144	M152	Z	-.352	-.352	0	%100
145	M153	X	0	0	0	%100
146	M153	Z	0	0	0	%100
147	M155	X	0	0	0	%100
148	M155	Z	0	0	0	%100
149	M157	X	-.203	-.203	0	%100
150	M157	Z	-.352	-.352	0	%100
151	M158	X	-.621	-.621	0	%100
152	M158	Z	-1.076	-1.076	0	%100
153	M160	X	-.654	-.654	0	%100
154	M160	Z	-1.133	-1.133	0	%100
155	M166	X	-.356	-.356	0	%100
156	M166	Z	-.616	-.616	0	%100
157	M168	X	-.12	-.12	0	%100
158	M168	Z	-.209	-.209	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,%]
159	M169	X	-.306	-.306	0	%100
160	M169	Z	-.53	-.53	0	%100
161	M178	X	-.306	-.306	0	%100
162	M178	Z	-.53	-.53	0	%100
163	M179	X	-.61	-.61	0	%100
164	M179	Z	-1.056	-1.056	0	%100
165	M182	X	-.339	-.339	0	%100
166	M182	Z	-.587	-.587	0	%100
167	M183	X	0	0	0	%100
168	M183	Z	0	0	0	%100
169	M187	X	-.203	-.203	0	%100
170	M187	Z	-.352	-.352	0	%100
171	M188	X	-.621	-.621	0	%100
172	M188	Z	-1.076	-1.076	0	%100
173	M190	X	-.654	-.654	0	%100
174	M190	Z	-1.133	-1.133	0	%100
175	M192	X	-.203	-.203	0	%100
176	M192	Z	-.352	-.352	0	%100
177	M193	X	0	0	0	%100
178	M193	Z	0	0	0	%100
179	M195	X	0	0	0	%100
180	M195	Z	0	0	0	%100
181	M200	X	-.12	-.12	0	%100
182	M200	Z	-.209	-.209	0	%100
183	M201	X	-.306	-.306	0	%100
184	M201	Z	-.53	-.53	0	%100
185	M202	X	-.306	-.306	0	%100
186	M202	Z	-.53	-.53	0	%100
187	M203	X	-.61	-.61	0	%100
188	M203	Z	-1.056	-1.056	0	%100
189	M206	X	0	0	0	%100
190	M206	Z	0	0	0	%100
191	M207	X	-.339	-.339	0	%100
192	M207	Z	-.587	-.587	0	%100
193	M211	X	-.203	-.203	0	%100
194	M211	Z	-.352	-.352	0	%100
195	M212	X	0	0	0	%100
196	M212	Z	0	0	0	%100
197	M214	X	0	0	0	%100
198	M214	Z	0	0	0	%100
199	M216	X	-.203	-.203	0	%100
200	M216	Z	-.352	-.352	0	%100
201	M217	X	-.621	-.621	0	%100
202	M217	Z	-1.076	-1.076	0	%100
203	M219	X	-.654	-.654	0	%100
204	M219	Z	-1.133	-1.133	0	%100
205	M224	X	-.482	-.482	0	%100
206	M224	Z	-.835	-.835	0	%100
207	M225	X	0	0	0	%100
208	M225	Z	0	0	0	%100
209	M226	X	0	0	0	%100
210	M226	Z	0	0	0	%100
211	M227	X	0	0	0	%100
212	M227	Z	0	0	0	%100
213	M230	X	-.339	-.339	0	%100
214	M230	Z	-.587	-.587	0	%100
215	M231	X	-.339	-.339	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,%]
216	M231	Z	-.587	-.587	0	%100
217	M235	X	-.813	-.813	0	%100
218	M235	Z	-1.409	-1.409	0	%100
219	M236	X	-.621	-.621	0	%100
220	M236	Z	-1.076	-1.076	0	%100
221	M238	X	-.654	-.654	0	%100
222	M238	Z	-1.133	-1.133	0	%100
223	M240	X	-.813	-.813	0	%100
224	M240	Z	-1.409	-1.409	0	%100
225	M241	X	-.621	-.621	0	%100
226	M241	Z	-1.076	-1.076	0	%100
227	M243	X	-.654	-.654	0	%100
228	M243	Z	-1.133	-1.133	0	%100
229	M248	X	-.356	-.356	0	%100
230	M248	Z	-.616	-.616	0	%100
231	M250	X	-.322	-.322	0	%100
232	M250	Z	-.558	-.558	0	%100
233	M230A	X	0	0	0	%100
234	M230A	Z	0	0	0	%100
235	MP3C	X	-.39	-.39	0	%100
236	MP3C	Z	-.675	-.675	0	%100
237	MP4C	X	-.322	-.322	0	%100
238	MP4C	Z	-.558	-.558	0	%100
239	MP2C	X	-.322	-.322	0	%100
240	MP2C	Z	-.558	-.558	0	%100
241	MP1C	X	-.322	-.322	0	%100
242	MP1C	Z	-.558	-.558	0	%100
243	M239A	X	-.356	-.356	0	%100
244	M239A	Z	-.616	-.616	0	%100
245	MP3B	X	-.39	-.39	0	%100
246	MP3B	Z	-.675	-.675	0	%100
247	MP4B	X	-.322	-.322	0	%100
248	MP4B	Z	-.558	-.558	0	%100
249	MP2B	X	-.322	-.322	0	%100
250	MP2B	Z	-.558	-.558	0	%100
251	MP1B	X	-.322	-.322	0	%100
252	MP1B	Z	-.558	-.558	0	%100
253	M254	X	-.292	-.292	0	%100
254	M254	Z	-.506	-.506	0	%100
255	M265	X	-.292	-.292	0	%100
256	M265	Z	-.506	-.506	0	%100
257	M276	X	0	0	0	%100
258	M276	Z	0	0	0	%100
259	M281	X	0	0	0	%100
260	M281	Z	0	0	0	%100
261	M282	X	-.328	-.328	0	%100
262	M282	Z	-.569	-.569	0	%100
263	M283	X	-.328	-.328	0	%100
264	M283	Z	-.569	-.569	0	%100
265	M284	X	-.593	-.593	0	%100
266	M284	Z	-1.027	-1.027	0	%100
267	M285	X	-.675	-.675	0	%100
268	M285	Z	-1.169	-1.169	0	%100
269	M286	X	-.593	-.593	0	%100
270	M286	Z	-1.027	-1.027	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	M58A	Y	-1.661	-4.228	0	.832
2	M58A	Y	-4.228	-6.902	.832	1.665
3	M58A	Y	-6.902	-8.189	1.665	2.497
4	M58A	Y	-8.189	-6.545	2.497	3.329
5	M58A	Y	-6.545	-3.463	3.329	4.162
6	M59A	Y	-3.462	-6.573	0	.832
7	M59A	Y	-6.573	-8.26	.832	1.665
8	M59A	Y	-8.26	-7.044	1.665	2.497
9	M59A	Y	-7.044	-4.426	2.497	3.329
10	M59A	Y	-4.426	-1.884	3.329	4.162
11	M51B	Y	-1.879	-4.428	0	.832
12	M51B	Y	-4.428	-7.042	.832	1.665
13	M51B	Y	-7.042	-8.256	1.665	2.497
14	M51B	Y	-8.256	-6.578	2.497	3.329
15	M51B	Y	-6.578	-3.47	3.329	4.162
16	M52B	Y	-3.463	-6.545	0	.832
17	M52B	Y	-6.545	-8.189	.832	1.665
18	M52B	Y	-8.189	-6.9	1.665	2.497
19	M52B	Y	-6.9	-4.227	2.497	3.329
20	M52B	Y	-4.227	-1.665	3.329	4.162
21	M82	Y	-1.879	-4.428	0	.832
22	M82	Y	-4.428	-7.042	.832	1.665
23	M82	Y	-7.042	-8.256	1.665	2.497
24	M82	Y	-8.256	-6.578	2.497	3.329
25	M82	Y	-6.578	-3.47	3.329	4.162
26	M83A	Y	-3.463	-6.545	0	.832
27	M83A	Y	-6.545	-8.189	.832	1.665
28	M83A	Y	-8.189	-6.9	1.665	2.497
29	M83A	Y	-6.9	-4.227	2.497	3.329
30	M83A	Y	-4.227	-1.665	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	M58A	Y	-3.261	-8.3	0	.832
2	M58A	Y	-8.3	-13.549	.832	1.665
3	M58A	Y	-13.549	-16.075	1.665	2.497
4	M58A	Y	-16.075	-12.847	2.497	3.329
5	M58A	Y	-12.847	-6.798	3.329	4.162
6	M59A	Y	-6.795	-12.904	0	.832
7	M59A	Y	-12.904	-16.216	.832	1.665
8	M59A	Y	-16.216	-13.829	1.665	2.497
9	M59A	Y	-13.829	-8.689	2.497	3.329
10	M59A	Y	-8.689	-3.699	3.329	4.162
11	M51B	Y	-3.689	-8.693	0	.832
12	M51B	Y	-8.693	-13.823	.832	1.665
13	M51B	Y	-13.823	-16.208	1.665	2.497
14	M51B	Y	-16.208	-12.913	2.497	3.329
15	M51B	Y	-12.913	-6.811	3.329	4.162
16	M52B	Y	-6.798	-12.847	0	.832
17	M52B	Y	-12.847	-16.075	.832	1.665
18	M52B	Y	-16.075	-13.545	1.665	2.497
19	M52B	Y	-13.545	-8.298	2.497	3.329
20	M52B	Y	-8.298	-3.269	3.329	4.162
21	M82	Y	-3.689	-8.693	0	.832
22	M82	Y	-8.693	-13.823	.832	1.665
23	M82	Y	-13.823	-16.208	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M82	Y	-16.208	-12.913	2.497	3.329
25	M82	Y	-12.913	-6.811	3.329	4.162
26	M83A	Y	-6.798	-12.847	0	.832
27	M83A	Y	-12.847	-16.075	.832	1.665
28	M83A	Y	-16.075	-13.545	1.665	2.497
29	M83A	Y	-13.545	-8.298	2.497	3.329
30	M83A	Y	-8.298	-3.269	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

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

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.01
2	N7	N87B	N87C	N6	Y	Two Way	-.01
3	N117	N118	N141	N139	Y	Two Way	-.01

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc.....		LC	phi*Pn...	phi*Pn...	phi*Mn...	phi*Mn.....	Eqn
1	M1	PIPE_3.0	.055	2.507	3	.024	4.882		2	27623...	65205	5.749	5.749	2...H1-1b
2	M4	HSS4X4X4	.058	0	10	.022	4.269	y	15	12465...	139518	16.181	16.181	2...H1-1b
3	M10	HSS4X4X4	.032	2.375	14	.011	.223	z	2	13626...	139518	16.181	16.181	1...H1-1b
4	MP3A	PIPE_2.5	.238	4	11	.096	4		7	30038...	50715	3.596	3.596	1...H1-1b
5	MP4A	PIPE_2.0	.184	4	10	.073	1		7	14916...	32130	1.872	1.872	1...H1-1b
6	MP2A	PIPE_2.0	.306	4	3	.086	4		6	14916...	32130	1.872	1.872	1...H1-1b
7	MP1A	PIPE_2.0	.184	4	4	.073	4		3	14916...	32130	1.872	1.872	1...H1-1b
8	M43	HSS4X4X4	.029	0	6	.015	2.152	z	6	13626...	139518	16.181	16.181	2...H1-1b
9	M46	PL1/2x6	.082	.516	2	.058	.516	y	9	66009...	97200	1.012	12.15	1...H1-1b
10	M51B	L2x2x3	.078	2.211	20	.009	4.162	y	18	9823.1...	23392.8	.558	1.077	1...H2-1
11	M52B	L2x2x3	.089	0	11	.009	0	y	14	9823.1...	23392.8	.558	1.071	1...H2-1
12	M76	PL3/8x6	.108	0	8	.031	0	y	1	70647...	72900	.57	9.113	1...H1-1b
13	M77	PL3/8x6	.092	.167	8	.043	0	y	19	71583...	72900	.57	9.113	2...H1-1b
14	M80	PL1/2x6	.020	.112	2	.031	0	y	12	96757...	97200	1.012	12.15	1...H1-1b
15	M84	PL3/8x6	.086	0	6	.046	0	y	21	70647...	72900	.57	9.113	1...H1-1b
16	M85	PL3/8x6	.109	.167	6	.036	0	y	20	71583...	72900	.57	9.113	1...H1-1b
17	M91	PL1/2x6	.022	0	6	.070	0	y	14	96757...	97200	1.012	12.15	1...H1-1b
18	M52A	HSS4X4X4	.065	0	6	.025	4.269	y	23	12465...	139518	16.181	16.181	2...H1-1b
19	M53	HSS4X4X4	.035	2.375	22	.012	2.375	y	15	13626...	139518	16.181	16.181	1...H1-1b
20	M54	HSS4X4X4	.035	0	20	.015	2.152	z	2	13626...	139518	16.181	16.181	1...H1-1b
21	M55	PL1/2x6	.083	.516	10	.045	.516	y	24	66009...	97200	1.012	12.15	1...H1-1b
22	M58A	L2x2x3	.079	0	11	.009	4.162	y	14	9823.1...	23392.8	.558	1.071	1...H2-1
23	M59A	L2x2x3	.094	0	7	.009	0	y	22	9823.1...	23392.8	.558	1.07	1...H2-1
24	M63	PL3/8x6	.105	0	4	.028	0	y	3	70647...	72900	.57	9.113	1...H1-1b
25	M64	PL3/8x6	.093	.167	4	.050	0	y	15	71583...	72900	.57	9.113	1...H1-1b
26	M66	PL1/2x6	.021	.112	3	.031	0	y	8	96757...	97200	1.012	12.15	1...H1-1b
27	M68	PL3/8x6	.083	0	2	.045	0	y	30	70647...	72900	.57	9.113	1...H1-1b
28	M69	PL3/8x6	.117	.167	2	.050	0	y	16	71583...	72900	.57	9.113	2...H1-1b
29	M71	PL1/2x6	.021	0	2	.079	0	y	34	96757...	97200	1.012	12.15	1...H1-1b
30	M76A	HSS4X4X4	.070	0	2	.028	0	y	44	12465...	139518	16.181	16.181	2...H1-1b
31	M77A	HSS4X4X4	.038	2.375	18	.015	2.375	y	48	13626...	139518	16.181	16.181	1...H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc.....		LC	phi*Pn...	phi*Pn...	phi*Mn...	phi*Mn.....	Eqn
32	M78	HSS4X4X4	.030	0	16	.015	2.152	z	10	13626...	139518	16.181	16.181	1...H1-1b
33	M79A	PL1/2x6	.083	.516	6	.060	.516	y	1	66009...	97200	1.012	12.15	1...H1-1b
34	M82	L2x2x3	.082	0	7	.009	4.162	y	22	9823.1...	23392.8	.558	1.07	1...H2-1
35	M83A	L2x2x3	.089	0	3	.008	0	y	18	9823.1...	23392.8	.558	1.071	1...H2-1
36	M87	PL3/8x6	.103	0	12	.037	0	y	42	70647....	72900	.57	9.113	1...H1-1b
37	M88A	PL3/8x6	.104	.167	12	.070	0	y	48	71583....	72900	.57	9.113	1...H1-1b
38	M90	PL1/2x6	.021	0	6	.051	0	y	50	96757....	97200	1.012	12.15	1...H1-1b
39	M92A	PL3/8x6	.084	0	10	.040	0	y	1	70647....	72900	.57	9.113	1...H1-1b
40	M93	PL3/8x6	.110	.167	10	.042	0	y	24	71583....	72900	.57	9.113	1...H1-1b
41	M95	PL1/2x6	.022	0	10	.070	0	y	18	96757....	97200	1.012	12.15	1...H1-1b
42	M85B	HSS4X4X4	.065	0	6	.025	4.269	y	23	12465...	139518	16.181	16.181	2...H1-1b
43	M86A	HSS4X4X4	.035	2.375	22	.012	2.375	y	15	13626...	139518	16.181	16.181	1...H1-1b
44	M95A	HSS4X4X4	.035	0	20	.015	2.152	z	2	13626...	139518	16.181	16.181	1...H1-1b
45	M96A	PL1/2x6	.083	.516	10	.045	.516	y	24	66009...	97200	1.012	12.15	1...H1-1b
46	M99A	L2x2x3	.066	0	11	.005	4.162	z	5	9823.1...	23392.8	.558	1.074	1...H2-1
47	M100	L2x2x3	.079	0	7	.004	0	z	1	9823.1...	23392.8	.558	1.074	1...H2-1
48	M104	PL3/8x6	.105	0	4	.028	0	y	3	70647....	72900	.57	9.113	1...H1-1b
49	M105	PL3/8x6	.093	.167	4	.050	0	y	15	71583....	72900	.57	9.113	1...H1-1b
50	M107	PL1/2x6	.021	.112	3	.031	0	y	8	96757....	97200	1.012	12.15	1...H1-1b
51	M109	PL3/8x6	.083	0	2	.045	0	y	30	70647....	72900	.57	9.113	1...H1-1b
52	M110	PL3/8x6	.117	.167	2	.050	0	y	16	71583....	72900	.57	9.113	2...H1-1b
53	M112	PL1/2x6	.021	0	2	.079	0	y	34	96757....	97200	1.012	12.15	1...H1-1b
54	M117	HSS4X4X4	.070	0	2	.028	0	y	44	12465...	139518	16.181	16.181	2...H1-1b
55	M118	HSS4X4X4	.038	2.375	18	.015	2.375	y	48	13626...	139518	16.181	16.181	1...H1-1b
56	M119	HSS4X4X4	.030	0	16	.015	2.152	z	10	13626...	139518	16.181	16.181	1...H1-1b
57	M120	PL1/2x6	.083	.516	6	.060	.516	y	1	66009...	97200	1.012	12.15	1...H1-1b
58	M123	L2x2x3	.068	0	7	.005	4.162	z	1	9823.1...	23392.8	.558	1.074	1...H2-1
59	M124	L2x2x3	.074	0	3	.004	0	z	9	9823.1...	23392.8	.558	1.074	1...H2-1
60	M128	PL3/8x6	.103	0	12	.037	0	y	42	70647....	72900	.57	9.113	1...H1-1b
61	M129	PL3/8x6	.104	.167	12	.070	0	y	48	71583....	72900	.57	9.113	1...H1-1b
62	M131	PL1/2x6	.021	0	6	.051	0	y	50	96757....	97200	1.012	12.15	1...H1-1b
63	M133	PL3/8x6	.084	0	10	.040	0	y	1	70647....	72900	.57	9.113	1...H1-1b
64	M134	PL3/8x6	.110	.167	10	.042	0	y	24	71583....	72900	.57	9.113	1...H1-1b
65	M136	PL1/2x6	.022	0	10	.070	0	y	18	96757....	97200	1.012	12.15	1...H1-1b
66	M141	HSS4X4X4	.058	0	10	.022	4.269	y	15	12465...	139518	16.181	16.181	2...H1-1b
67	M142	HSS4X4X4	.032	2.375	14	.011	.223	z	2	13626...	139518	16.181	16.181	1...H1-1b
68	M143	HSS4X4X4	.029	0	6	.015	2.152	z	6	13626...	139518	16.181	16.181	2...H1-1b
69	M144	PL1/2x6	.082	.516	2	.058	.516	y	9	66009...	97200	1.012	12.15	1...H1-1b
70	M147	L2x2x3	.063	0	3	.005	4.162	z	9	9823.1...	23392.8	.558	1.074	1...H2-1
71	M148	L2x2x3	.074	0	11	.004	0	z	5	9823.1...	23392.8	.558	1.074	1...H2-1
72	M152	PL3/8x6	.108	0	8	.031	0	y	1	70647....	72900	.57	9.113	1...H1-1b
73	M153	PL3/8x6	.092	.167	8	.043	0	y	19	71583....	72900	.57	9.113	2...H1-1b
74	M155	PL1/2x6	.020	.112	2	.031	0	y	12	96757....	97200	1.012	12.15	1...H1-1b
75	M157	PL3/8x6	.086	0	6	.046	0	y	21	70647....	72900	.57	9.113	1...H1-1b
76	M158	PL3/8x6	.109	.167	6	.036	0	y	20	71583....	72900	.57	9.113	1...H1-1b
77	M160	PL1/2x6	.022	0	6	.070	0	y	14	96757....	97200	1.012	12.15	1...H1-1b
78	M166	PIPE_3.0	.055	10.16	3	.024	7.785		2	27623....	65205	5.749	5.749	2...H1-1b
79	M168	HSS4X4X4	.070	0	2	.028	0	y	44	12465...	139518	16.181	16.181	2...H1-1b
80	M169	HSS4X4X4	.038	2.375	18	.015	2.375	y	48	13626...	139518	16.181	16.181	1...H1-1b
81	M178	HSS4X4X4	.030	0	16	.015	2.152	z	10	13626...	139518	16.181	16.181	1...H1-1b
82	M179	PL1/2x6	.083	.516	6	.060	.516	y	1	66009...	97200	1.012	12.15	1...H1-1b
83	M182	L2x2x3	.068	0	7	.005	4.162	z	1	9823.1...	23392.8	.558	1.074	1...H2-1
84	M183	L2x2x3	.074	0	3	.004	0	z	9	9823.1...	23392.8	.558	1.074	1...H2-1
85	M187	PL3/8x6	.103	0	12	.037	0	y	42	70647....	72900	.57	9.113	1...H1-1b
86	M188	PL3/8x6	.104	.167	12	.070	0	y	48	71583....	72900	.57	9.113	1...H1-1b
87	M190	PL1/2x6	.021	0	6	.051	0	y	50	96757....	97200	1.012	12.15	1...H1-1b
88	M192	PL3/8x6	.084	0	10	.040	0	y	1	70647....	72900	.57	9.113	1...H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc...		LC	phi*Pn...	phi*Pn...	phi*Mn...	phi*Mn...		Eqn
89	M193	PL3/8x6	.110	.167	10	.042	0	y	24	71583...	72900	.57	9.113	1...	H1-1b
90	M195	PL1/2x6	.022	0	10	.070	0	y	18	96757...	97200	1.012	12.15	1...	H1-1b
91	M200	HSS4X4X4	.058	0	10	.022	4.269	y	15	12465...	139518	16.181	16.181	2...	H1-1b
92	M201	HSS4X4X4	.032	2.375	14	.011	.223	z	2	13626...	139518	16.181	16.181	1...	H1-1b
93	M202	HSS4X4X4	.029	0	6	.015	2.152	z	6	13626...	139518	16.181	16.181	2...	H1-1b
94	M203	PL1/2x6	.082	.516	2	.058	.516	y	9	66009...	97200	1.012	12.15	1...	H1-1b
95	M206	L2x2x3	.063	0	3	.005	4.162	z	9	9823.1...	23392.8	.558	1.074	1...	H2-1
96	M207	L2x2x3	.074	0	11	.004	0	z	5	9823.1...	23392.8	.558	1.074	1...	H2-1
97	M211	PL3/8x6	.108	0	8	.031	0	y	1	70647...	72900	.57	9.113	1...	H1-1b
98	M212	PL3/8x6	.092	.167	8	.043	0	y	19	71583...	72900	.57	9.113	2...	H1-1b
99	M214	PL1/2x6	.020	.112	2	.031	0	y	12	96757...	97200	1.012	12.15	1...	H1-1b
100	M216	PL3/8x6	.086	0	6	.046	0	y	21	70647...	72900	.57	9.113	1...	H1-1b
101	M217	PL3/8x6	.109	.167	6	.036	0	y	20	71583...	72900	.57	9.113	1...	H1-1b
102	M219	PL1/2x6	.022	0	6	.070	0	y	14	96757...	97200	1.012	12.15	1...	H1-1b
103	M224	HSS4X4X4	.065	0	6	.025	4.269	y	23	12465...	139518	16.181	16.181	2...	H1-1b
104	M225	HSS4X4X4	.035	2.375	22	.012	2.375	y	15	13626...	139518	16.181	16.181	1...	H1-1b
105	M226	HSS4X4X4	.035	0	20	.015	2.152	z	2	13626...	139518	16.181	16.181	1...	H1-1b
106	M227	PL1/2x6	.083	.516	10	.045	.516	y	24	66009...	97200	1.012	12.15	1...	H1-1b
107	M230	L2x2x3	.066	0	11	.005	4.162	z	5	9823.1...	23392.8	.558	1.074	1...	H2-1
108	M231	L2x2x3	.079	0	7	.004	0	z	1	9823.1...	23392.8	.558	1.074	1...	H2-1
109	M235	PL3/8x6	.105	0	4	.028	0	y	3	70647...	72900	.57	9.113	1...	H1-1b
110	M236	PL3/8x6	.093	.167	4	.050	0	y	15	71583...	72900	.57	9.113	1...	H1-1b
111	M238	PL1/2x6	.021	.112	3	.031	0	y	8	96757...	97200	1.012	12.15	1...	H1-1b
112	M240	PL3/8x6	.083	0	2	.045	0	y	30	70647...	72900	.57	9.113	1...	H1-1b
113	M241	PL3/8x6	.117	.167	2	.050	0	y	16	71583...	72900	.57	9.113	2...	H1-1b
114	M243	PL1/2x6	.021	0	2	.079	0	y	34	96757...	97200	1.012	12.15	1...	H1-1b
115	M248	PIPE_3.0	.055	10.16	3	.024	7.785		2	27623...	65205	5.749	5.749	2...	H1-1b
116	M250	PIPE_2.0	.207	3.958	7	.020	3.958		7	23808...	32130	1.872	1.872	1	H1-1b
117	M230A	PIPE_3.0	.146	2.507	10	.057	4.882		10	27623...	65205	5.749	5.749	2...	H1-1b
118	MP3C	PIPE_2.5	.234	4	7	.097	4		3	30038...	50715	3.596	3.596	2...	H1-1b
119	MP4C	PIPE_2.0	.147	4	6	.062	1		3	14916...	32130	1.872	1.872	1...	H1-1b
120	MP2C	PIPE_2.0	.303	4	11	.088	4		2	14916...	32130	1.872	1.872	1...	H1-1b
121	MP1C	PIPE_2.0	.169	4	12	.069	4		5	14916...	32130	1.872	1.872	1...	H1-1b
122	M239A	PIPE_3.0	.148	2.507	6	.054	4.882		6	27623...	65205	5.749	5.749	2...	H1-1b
123	MP3B	PIPE_2.5	.236	4	3	.095	4		11	30038...	50715	3.596	3.596	1...	H1-1b
124	MP4B	PIPE_2.0	.149	4	2	.061	1		11	14916...	32130	1.872	1.872	1...	H1-1b
125	MP2B	PIPE_2.0	.306	4	7	.091	4		10	14916...	32130	1.872	1.872	2...	H1-1b
126	MP1B	PIPE_2.0	.169	4	8	.069	4		1	14916...	32130	1.872	1.872	1...	H1-1b
127	M254	PIPE_2.5	.136	2.375	10	.084	1.188		12	14178...	50715	3.596	3.596	2...	H1-1b
128	M265	PIPE_2.5	.139	2.375	6	.091	1.188		8	14178...	50715	3.596	3.596	2...	H1-1b
129	M276	PIPE_2.5	.135	2.375	2	.085	1.188		4	14178...	50715	3.596	3.596	2...	H1-1b
130	M281	L3X3X4	.207	1.143	7	.046	1.143	z	1	45324...	46656	1.688	3.756	2...	H2-1
131	M282	L3X3X4	.218	1.143	11	.046	0	z	4	45324...	46656	1.688	3.756	2...	H2-1
132	M283	L3X3X4	.226	1.143	3	.044	0	z	8	45324...	46656	1.688	3.756	2...	H2-1
133	M284	LL3x3x3x0	.067	6.19	13	.003	6.19	z	4	48605...	70632	4.823	3.72	1	H1-1b*
134	M285	LL3x3x3x0	.071	6.19	21	.004	6.19	z	12	48605...	70632	4.823	3.72	1	H1-1b*
135	M286	LL3x3x3x0	.072	6.19	17	.003	0	z	8	48605...	70632	4.823	3.72	1	H1-1b*

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	1246.876	10	874.157	19	4350.302	1	1.086	19	2.215	4	.121	3
2		min	-1240.543	4	43.421	1	-2551.61	7	-.018	1	-2.209	10	-.158	21
3	N87D	max	3880.617	9	990.576	15	1693.107	1	-.156	10	2.487	12	-.008	9
4		min	-2186.531	3	135.053	9	-2677.946	7	-.937	28	-2.487	6	-.859	15
5	N115	max	2492.738	11	1145.773	23	1462.78	1	-.145	2	2.647	8	1.08	24

Envelope Joint Reactions (Continued)

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
6		min	-4207.317	5	132.881	5	-2446.317	7	-1.224	44	-2.641	2	.015	6
7	N187	max	59.862	10	2396.022	13	-367.78	7	0	51	0	4	0	10
8		min	-59.827	4	363.429	7	-2194.072	13	0	1	0	10	0	4
9	N189	max	-384.315	3	2549.793	21	1169.603	21	0	6	0	12	0	12
10		min	-2025.969	21	443.915	3	221.939	3	0	12	0	6	0	6
11	N191	max	2043.971	17	2571.844	17	1180.089	17	0	8	0	8	0	8
12		min	374.247	11	431.575	11	216.068	11	0	2	0	2	0	2
13	Totals:	max	6353.361	10	9723.109	19	6737.897	1						
14		min	-6353.361	4	4838.566	1	-6737.899	7						

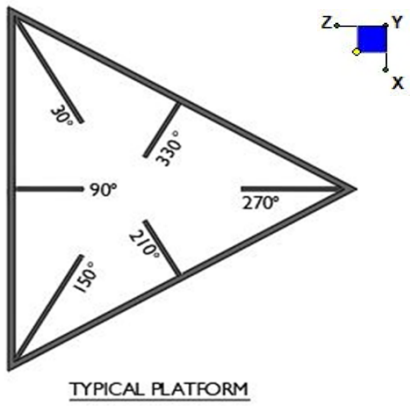
Client:	Verizon Wireless	Date:	7/8/2021
Site Name:	Goshen S CT		
Project No.	21777045A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

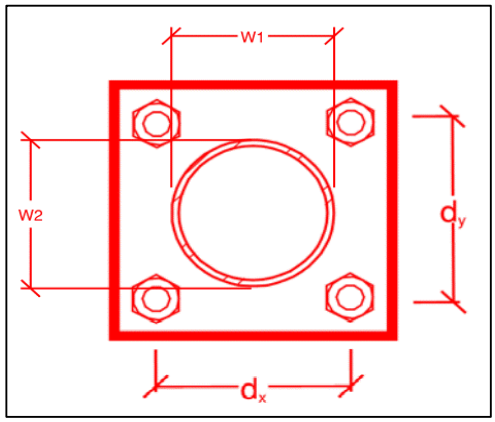
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N87D	30
N115	150
N3	270
N189	30
N191	150
N187	270



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	10.4
Required Shear Strength (kips):	3.8
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**12.6%***
Shear Capacity Overall:	**7.6%**



**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):	0.625
Weld Size (1/16 in):	3
Phi*Rn (kip/in):	4.18
Required Weld Strength (kip/in):	1.62
Plate Bending Capacity:	**29.7%**
Weld Capacity:	**38.7%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	1.9
Phi*Mn_{xx} *(kip-in)* :	31.6
Mu_{yy} *(kip-in)* :	7.4
Phi*Mn_{yy} *(kip-in)* :	31.6

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 to install 60" long p2.0 STD mount pipe on standoff horizontal between Alpha & Gamma sector. Attach proposed mount pipe to the standoff with crossover plate (Site Pro 1 – SQCX4-K, or EOR approved equivalent). Contractor shall attach proposed OVP 12" from top of mount pipe. Contractor to install safety climb wire clip on existing standoff horizontal such that the existing safety climb wire does not contact the existing mount members.

Response:

Schedule A – Photo & Document File Structure

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

Structure: 468131-VZW - GOSHEN S CT

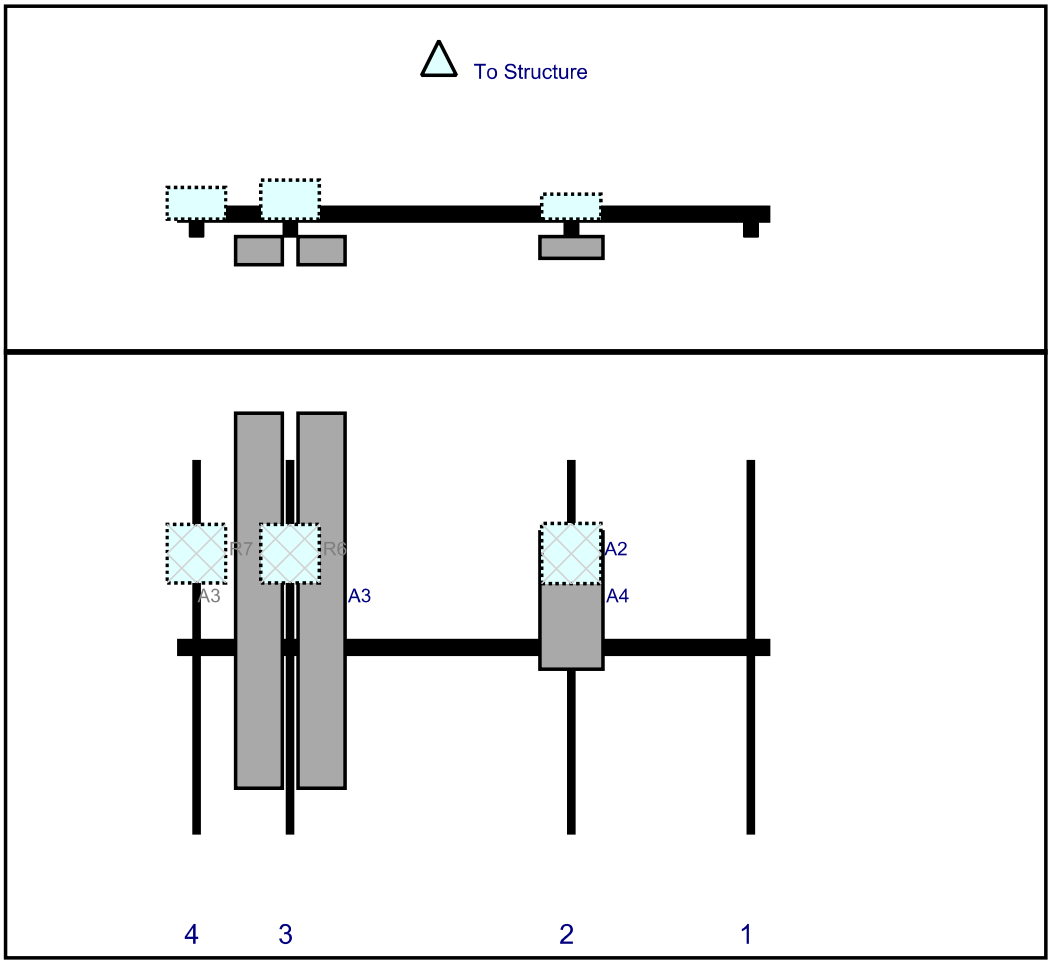
Sector: **A** 7/8/2021

Structure Type: Monopole 10061731

Mount Elev: 184.00 Page: 1

Plan View

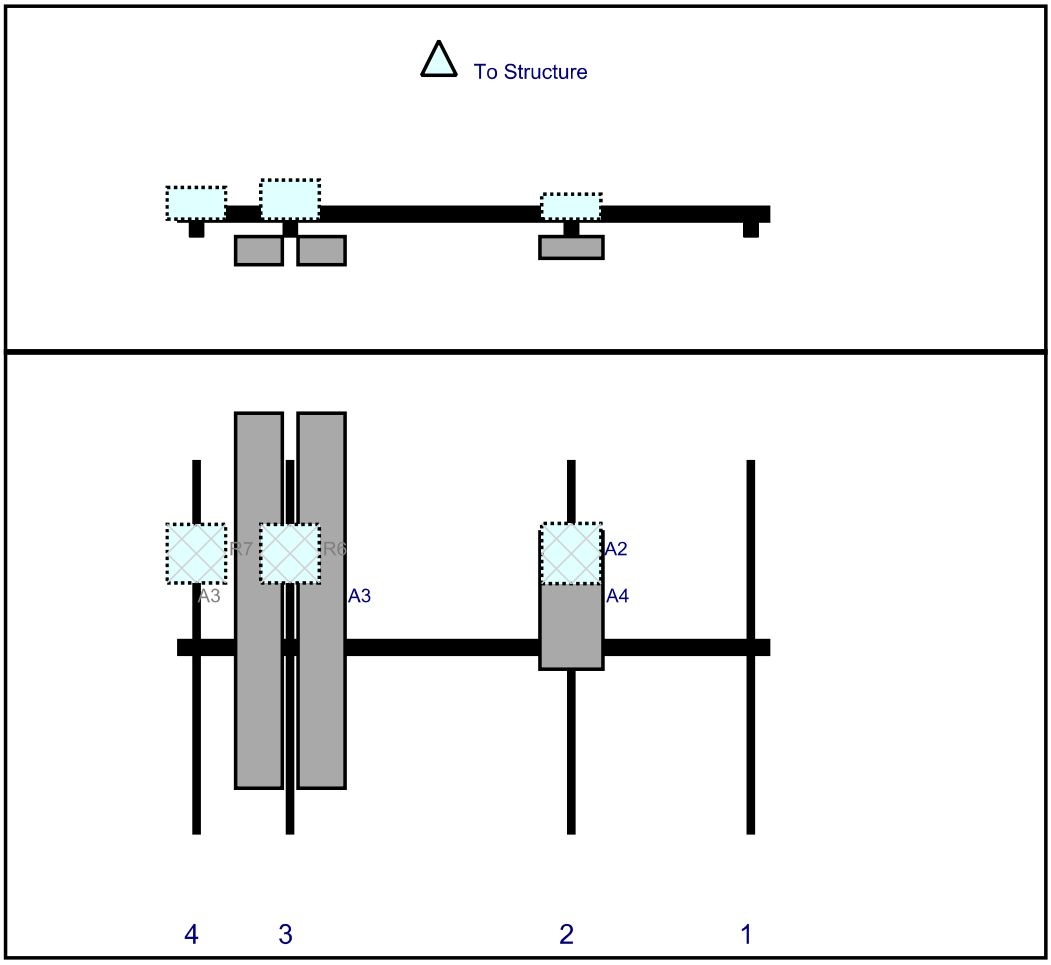
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	MT6407-77A	35.1	16.1	101	2	a	Front	36	0	Added	
A2	TD-850B-LTE78-43	15.4	15.2	101	2	a	Behind	24	0	Added	
A3	NHH-65C-R2B	96	11.9	29	3	a	Front	36	-8	Added	
A3	NHH-65C-R2B	96	11.9	29	3	b	Front	36	8	Added	
R6	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	29	3	a	Behind	24	0	Added	
R7	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	5	4	a	Behind	24	0	Added	

Plan View

Front View
Looking at Structure



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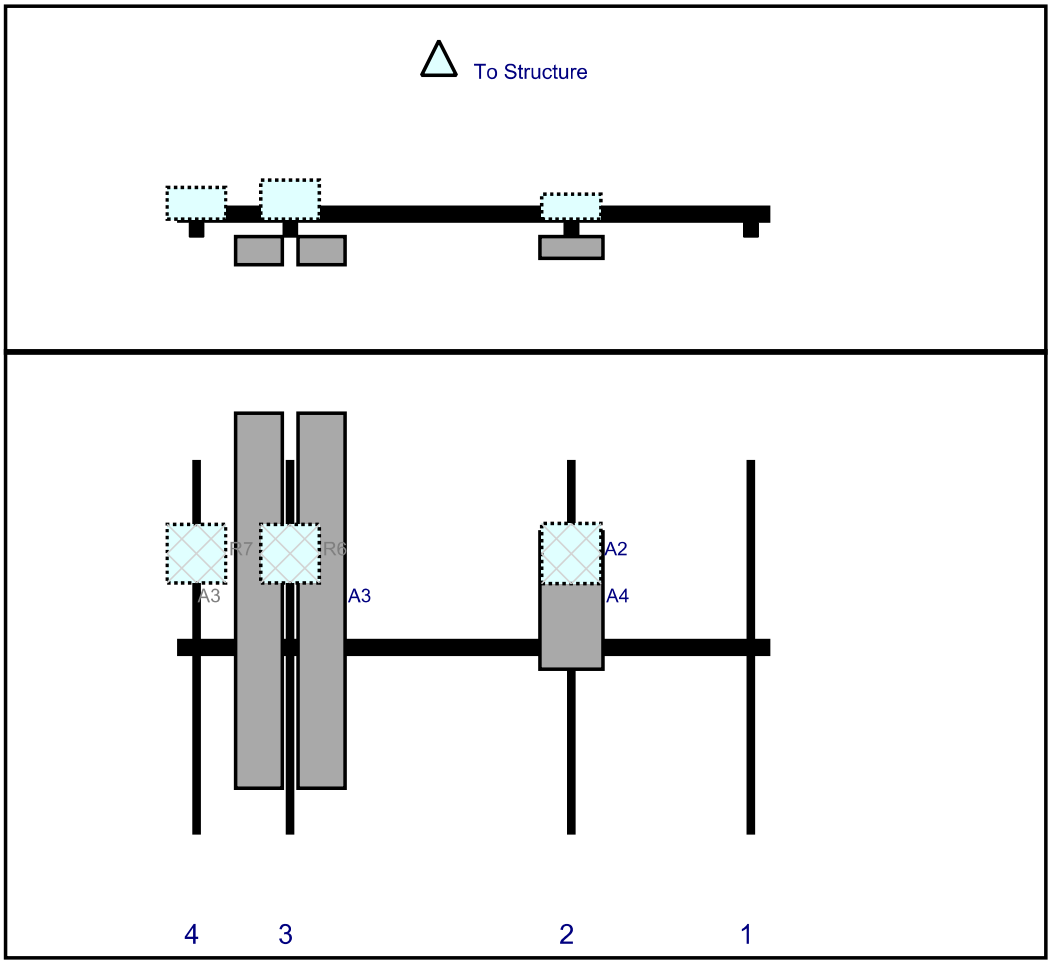
Plan View

Front View
Looking at Structure



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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).

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MOUNT MODIFICATION DRAWINGS
EXISTING 12.67' PLATFORM

SITE NAME: GOSHEN S CT
SITE NUMBER: 468131

113 BRUSH HILL RD
GOSHEN, CT 06756
LITCHFIELD COUNTY

PROJECT INFORMATION

SITE INFORMATION

LATITUDE: 41.797169° N
LONGITUDE: 73.221675° W
JURISDICTION: LITCHFIELD 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: PETER ALBANO
PHONE: (856) 797-0412
E-MAIL: PETER.ALBANO@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 #: 10061731
VZW LOCATION CODE (PSLC): 468131
FUZE ID: 15512071

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

REFERENCED DOCUMENTS

FAILING MOUNT ANALYSIS REPORT
SMART TOOL PROJECT #: 10037878
MASER CONSULTING CT PROJECT #: 21777045A
ANALYSIS DATE: 4/2/2021

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SCALE: AS SHOWN
JOB NUMBER: 21777045A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
-	-	-	-	-
-	-	-	-	-
1	7/8/2021	ISSUED FOR CONSTRUCTION	ZDB	ASN
0	5/4/2021	ISSUED FOR CONSTRUCTION	FAC	ASN

Alec S. Norris
CONNECTICUT PROFESSIONAL ENGINEER
LICENSE NUMBER: 32588
MASER CONSULTING
CT C.O.A # PEC.0001311
Digitally signed by Alec Norris
Date: 2021.07.08 14:07:26-04'00'

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:
GOSHEN S CT
468131

113 BRUSH HILL RD
GOSHEN, CT 06756
LITCHFIELD 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

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES
VZWSMART KITS				
1	VZWSMART	VZWSMART-PLK5	KICKER KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET S-2.
1		VZWSMART-PLK7	MONOPOLE COLLAR MOUNT ASSEMBLY	
1		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.
3		VZWSMART-MSK2	CROSSOVER PLATE	

OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES
1	SITE PRO 1	SQCX4-K	CROSSOVER PLATE WITH SQUARE U-BOLTS AND STD U-BOLTS	OR EOR APPROVED EQUAL. CONTACT MASER CONSULTING FOR APPROVAL OF SUBSTITUTION.
3	-	-	96" LONG, P2.5 STD PIPE	GALVANIZED
1	-	-	60" LONG, P2.0 STD PIPE	GALVANIZED

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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Alec S. Norris
CONNECTICUT PROFESSIONAL ENGINEER
LICENSE NUMBER: 32588
MASER CONSULTING
CT C.O.A # PEC.0000131
Digitally signed by Alec Norris
Date: 2021.07.08 14:07:37-04'00'

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:
GOSHEN S CT
468131

113 BRUSH HILL RD
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LITCHFIELD COUNTY

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

SHEET TITLE: BILL OF MATERIALS

SHEET NUMBER: 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 = 114 MPH

b. EXPOSURE CATEGORY C

c. TOPOGRAPHIC CATEGORY 1

d. MEAN BASE ELEVATION (AMSL) = 1235.03'

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 = .174

c. LONG TERM MCER GROUND MOTION, S_1 = .054

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 PETER.ALBANO@COLLIERSENGINEERING.COM
   b. PROVIDE MASER CONSULTING CT PROJECT # AND MASER CONSULTING CT 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	21777045A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
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-	-	-	-	-
1	7/8/2021	ISSUED FOR CONSTRUCTION	ZDB	ASN
0	5/4/2021	ISSUED FOR CONSTRUCTION	FAC	ASN

Alec S. Norris

CONNECTICUT PROFESSIONAL ENGINEER

LICENSE NUMBER: 32588

MASER CONSULTING

CT C.O.A # PEC.0000131

Digitally signed by Alec Norris
Date: 2021.07.08 14:07:46-04'00'

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GOSHEN S CT
468131

113 BRUSH HILL RD
GOSHEN, CT 06756
LITCHFIELD COUNTY

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

SHEET TITLE:
MODIFICATION NOTES

SHEET NUMBER:
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.

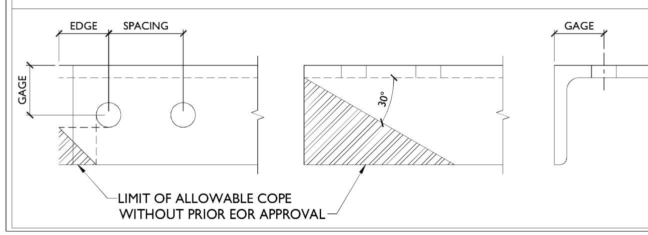
REQUIRED PHOTOS

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.

ALLOWABLE COPING

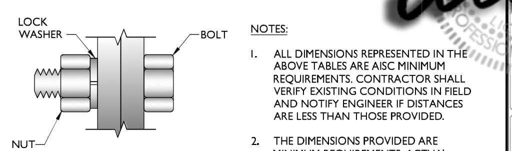


BOLT SCHEDULE (IN.)

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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Alec S. Norris
CONNECTICUT PROFESSIONAL ENGINEER
LICENSE NUMBER: 32588
MASER CONSULTING
CT. C.O.A. # PEC.0000131
Digitally signed by Alec Norris
Date: 2021.07.08 14:07:51-04'00'

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468131

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GOSHEN, CT 06756
LITCHFIELD COUNTY

MT. LAUREL OFFICE
2000 Midlantic Drive
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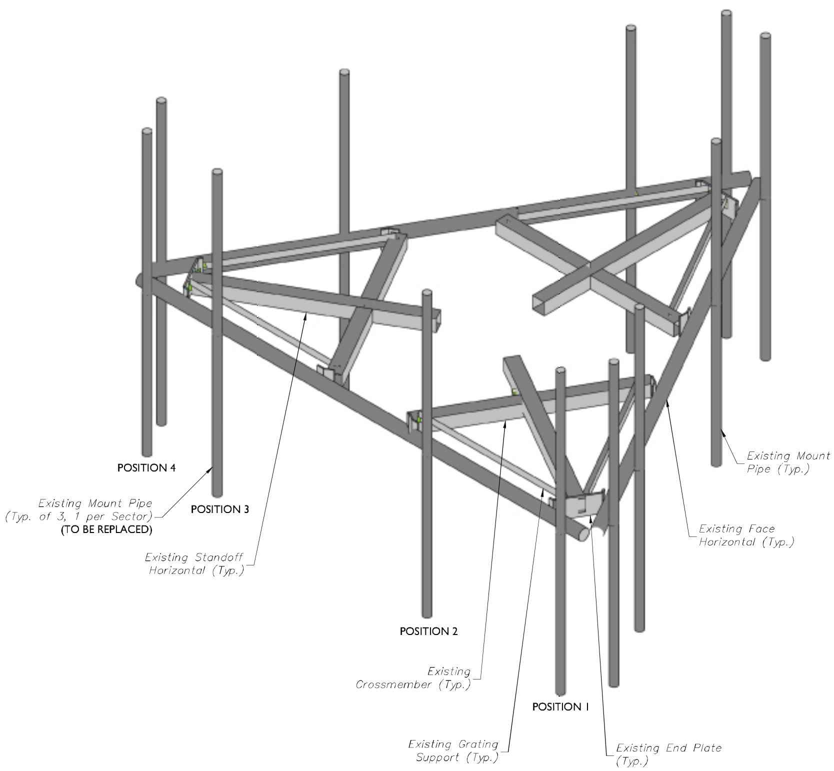
SHEET TITLE:
MODIFICATION NOTES

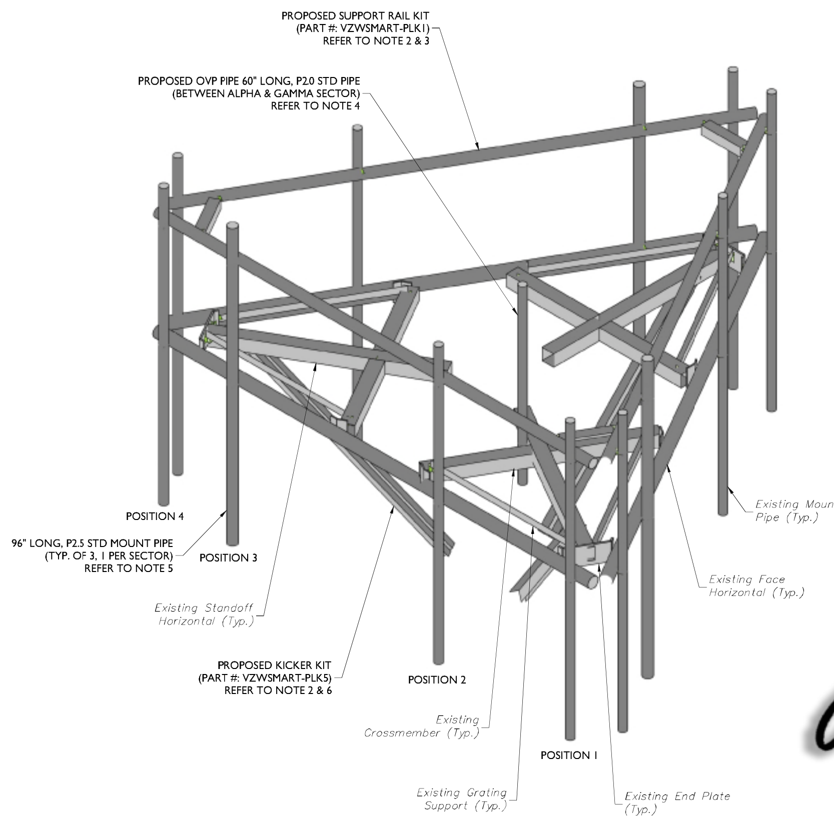
SHEET NUMBER:
S-3

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 LEVEL-UP TOWERS ON 2/23/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (184'-0") ARE IN GOOD CONDITION, HOWEVER THEY ARE UBSTRUCTED BEFORE ACCESSING VERIZON'S MOUNT. 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 OVP PIPE TO EXISTING STANDOFF HORIZONTAL WITH CROSSOVER PLATES (PART #: SITE PRO 1 - SQCX4-K, OR EOR APPROVED EQUAL).
5. CONNECT NEW MOUNT PIPE TO EXISTING FACE HORIZONTAL WITH CROSSOVER PLATES (PART #: VZWSMART-MSK2).
6. CONNECT OTHER END OF KICKER KIT TO MONOPOLE COLLAR MOUNT ASSEMBLY (PART #: VZWSMART-PLK7).

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Alec S. Norris
CONNECTICUT PROFESSIONAL ENGINEER
LICENSE NUMBER: 32580
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CT C.O.A # PEC.0000131
Digitally signed by Alec Norris
Date: 2021.07.08 14:07:56-04'00'

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468131

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GOSHEN, CT 06756
LITCHFIELD COUNTY

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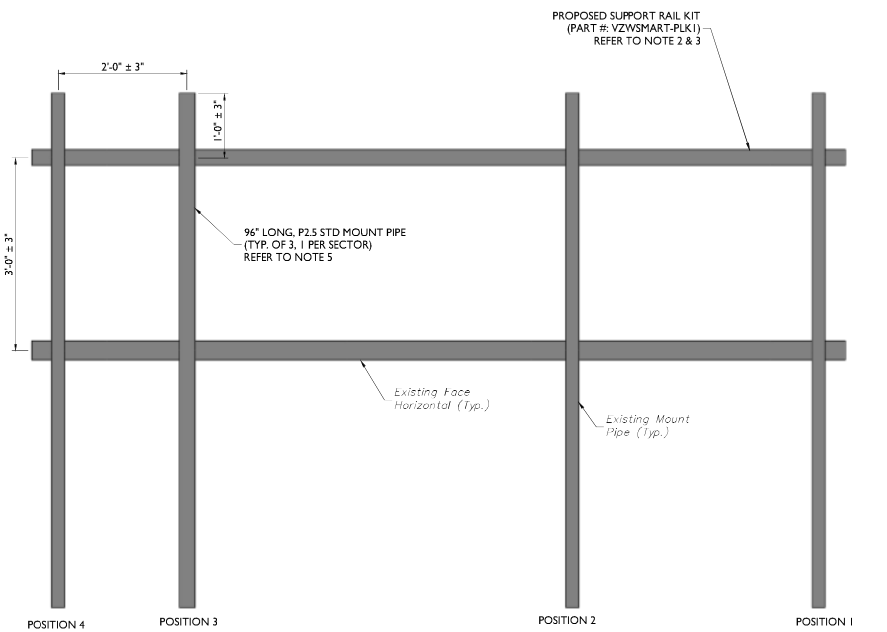
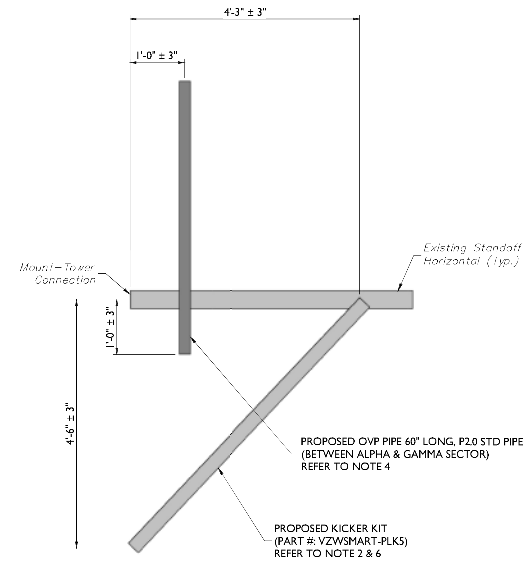
SHEET TITLE: MODIFICATION DETAILS

SHEET NUMBER: S-4



1 PROPOSED FRONT ELEVATION

SCALE : N.T.S.



2 PROPOSED SIDE ELEVATION

SCALE : N.T.S.

MODIFICATION NOTES:

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4. CONNECT NEW OVP PIPE TO EXISTING STANDOFF HORIZONTAL WITH CROSSOVER PLATES (PART #: SITE PRO 1 - SQCX4-K, OR EOR APPROVED EQUAL).
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6. CONNECT OTHER END OF KICKER KIT TO MONOPOLE COLLAR MOUNT ASSEMBLY (PART #: VZWSMART-PLK7).

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SHEET TITLE:
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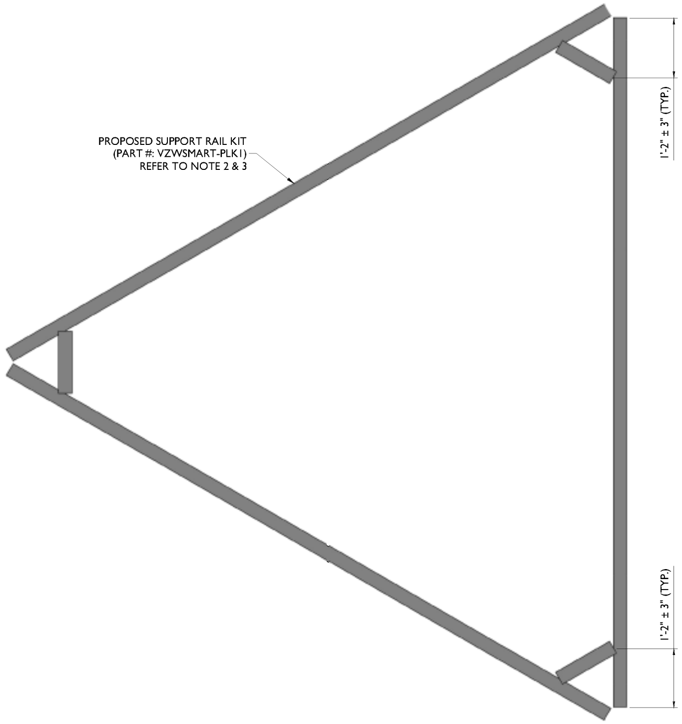
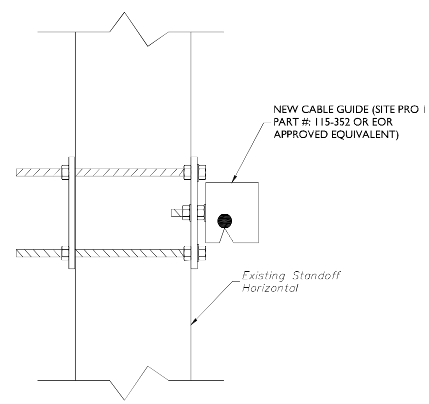
S-5



1 PROPOSED PLAN VIEW

SCALE : N.T.S.



2 PROPOSED CABLE GUIDE STANDOFF SQUARE TUBE ATTACHMENT - PLAN VIEW

SCALE : N.T.S.

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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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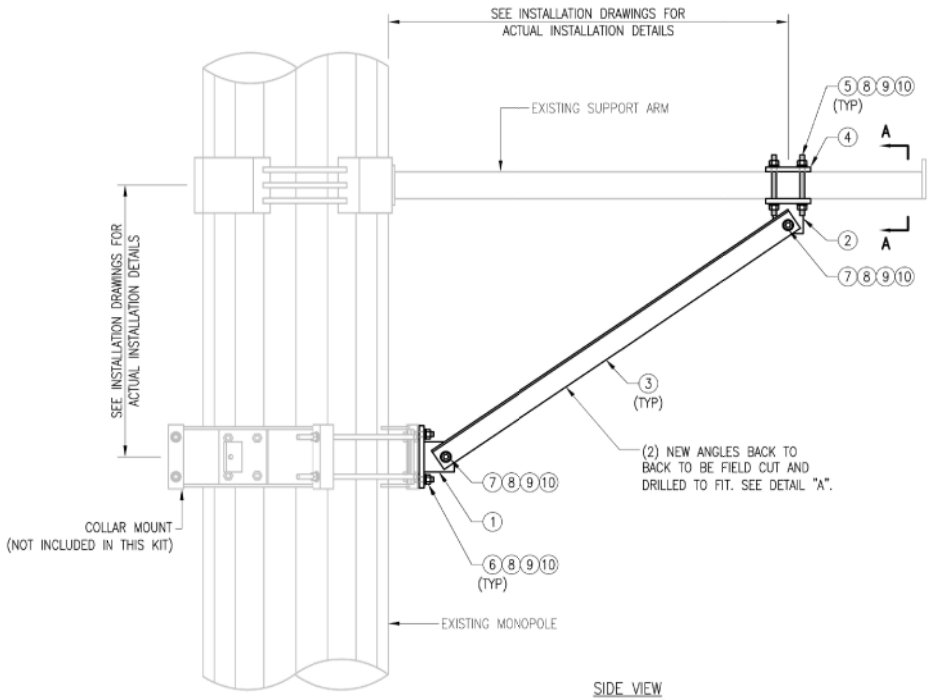
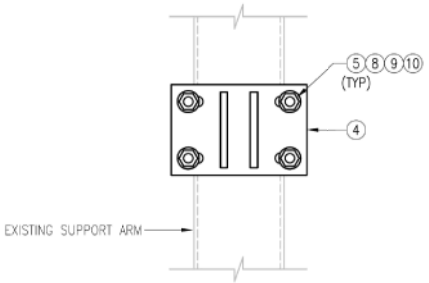
SHEET TITLE:
MOUNT PHOTOS

SHEET NUMBER:
S-7

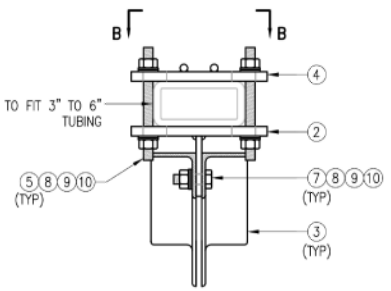
NOTE:
THE LOCATION OF KICKER AND EXISTING ANTENNA MOUNT SHOWN ON THE DRAWING IS FOR REPRESENTATION PURPOSE ONLY. SEE INSTALLATION DRAWINGS FOR ACTUAL INSTALLATION OF DETAILS.



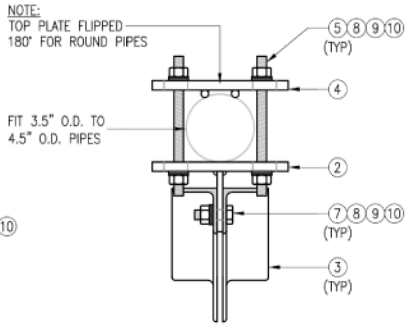
SIDE VIEW
KICKER KIT



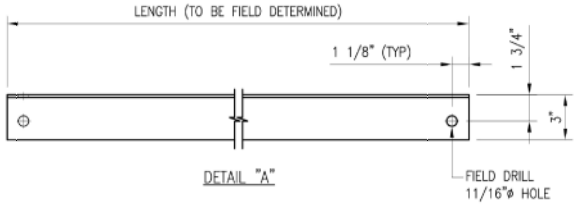
SECTION "B-B"



SECTION "A-A"
RECT. HSS MOUNTING



SECTION "A-A"
ROUND PIPE MOUNTING



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

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verizon

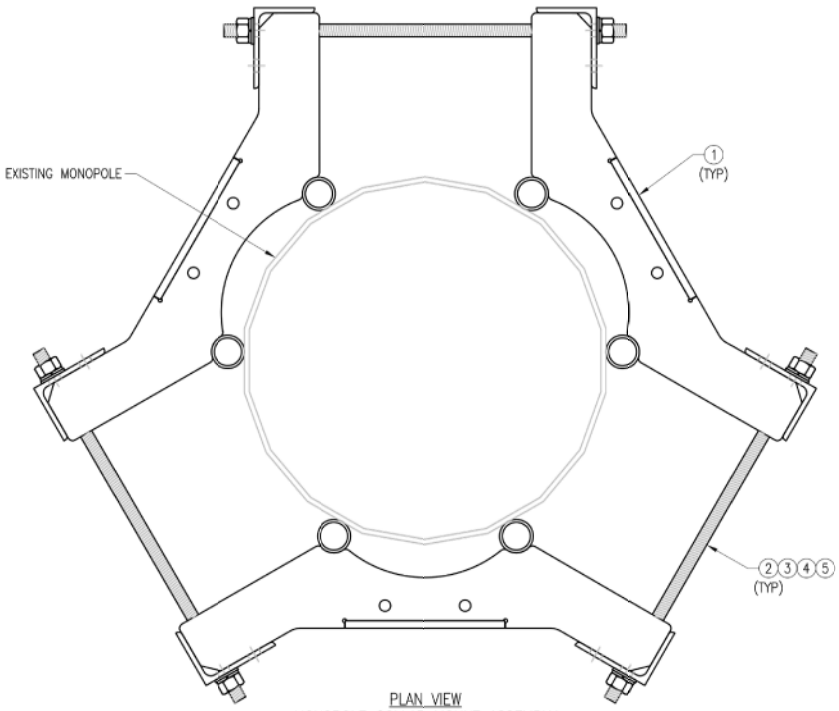
DRAWN BY: MN | CHECKED BY: HMA/KW

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

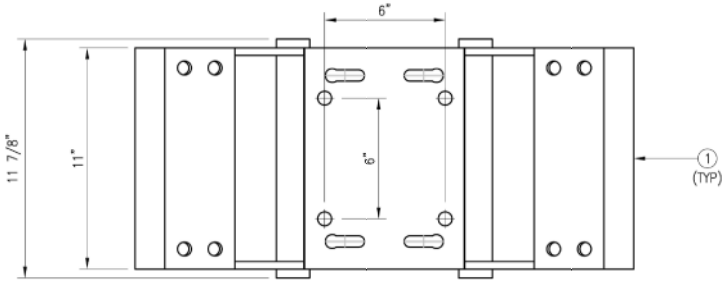
SHEET TITLE:
VZWSMART-PLK5
KICKER KIT

SHEET NUMBER: VZWSMART-PLK5

REV #: 0



PLAN VIEW
MONOPOLE COLLAR MOUNT ASSEMBLY



FRONT VIEW

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

VZWSMART-PLK7 (MONOPOLE COLLAR MOUNT ASSEMBLY)

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

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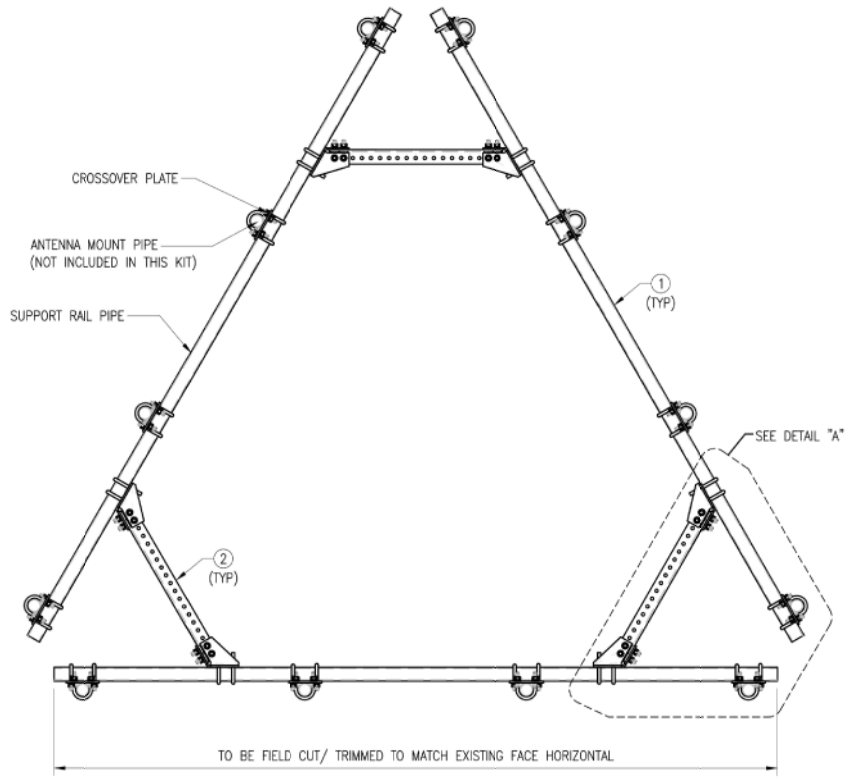
DRAWN BY: BT | CHECKED BY: HMA/KW

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

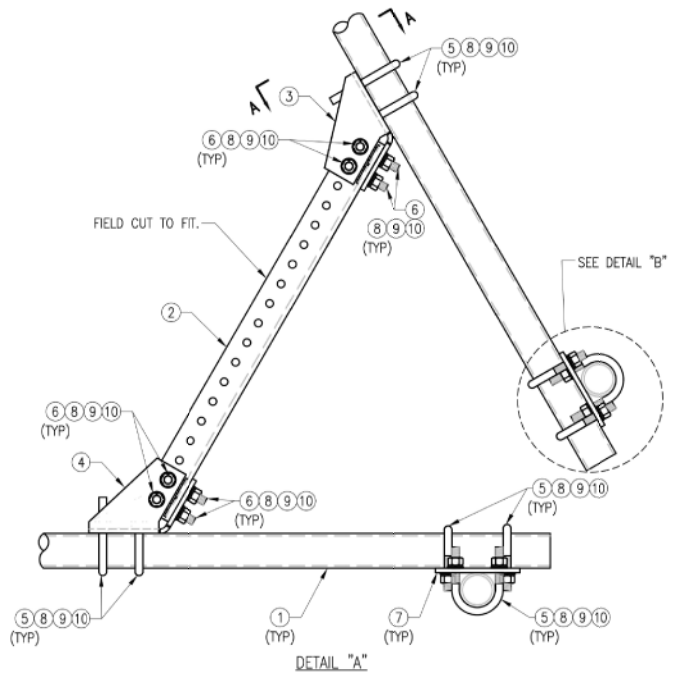
SHEET TITLE:
VZWSMART-PLK7
MONOPOLE COLLAR
MOUNT ASSEMBLY

SHEET NUMBER: VZWSMART-PLK7

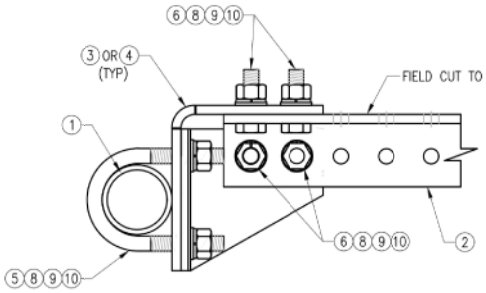
REV #: 0



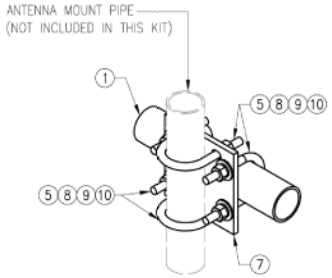
PLAN VIEW



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: H.R | CHECKED BY: HMA

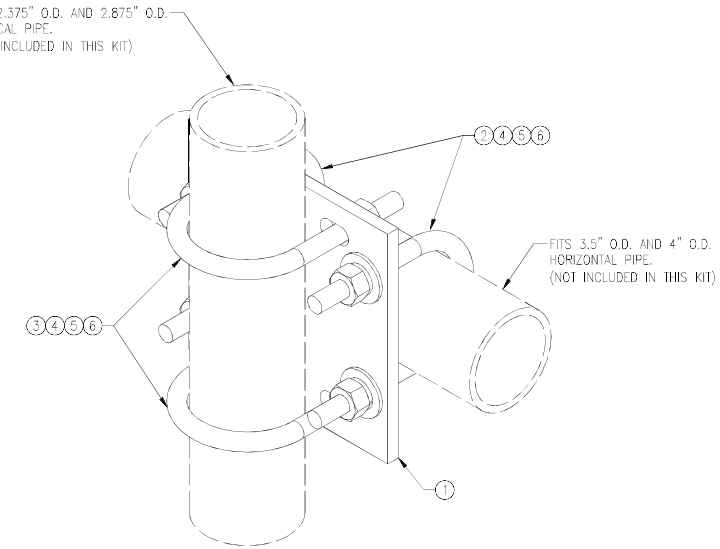
REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	H.R	05/08/20

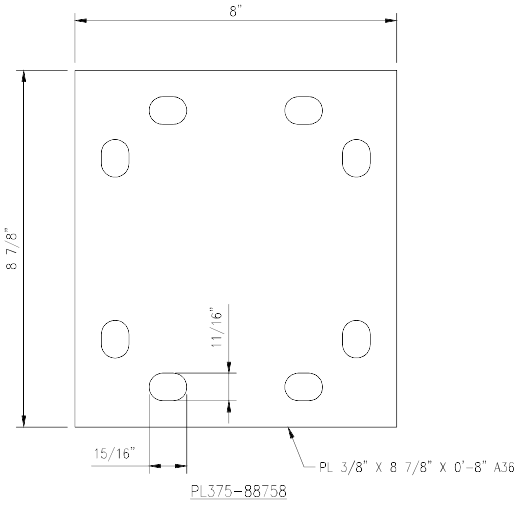
SHEET TITLE:

VZWSMART-PLK1
SUPPORT RAIL KIT

SHEET NUMBER: VZWSMART-PLK1

REV #: 0





VZWSMART-MSK2 (CROSSOVER PLATE)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	PL375-88758	PL 3/8" X 8 3/4" X 0'-8" A36	MSK2-F1	8
2	2	MS02-625-4125-600	RU-BOLT 5/8" X 4 1/8" I.W. X 6" I.L. A36 (OR EQUIV.)	RBC-1	3
3	2	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	3
4	8	FW-625	5/8" HDG USS FLAT WASHER	---	1
5	8	LW-625	5/8" HDG LOCK WASHER	---	0
6	8	NUT-625	5/8" HDG HEX NUT	---	1
				GALVANIZED WT	15

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

VzW SMART Tool© Vendor

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DRAWN BY: H.R	CHECKED BY: HMA

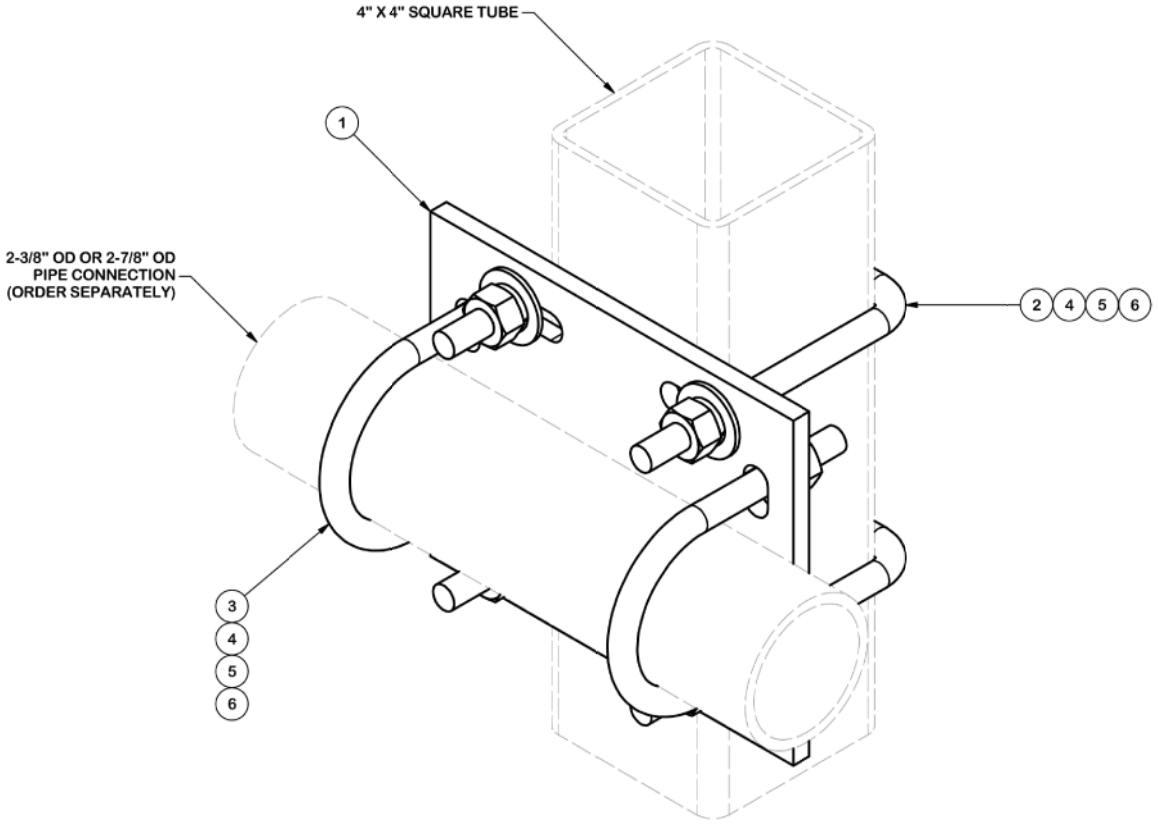
REV.	DESCRIPTION	BY:	DATE
0	FIRST ISSUE	H.R	05/08/20

SHEET TITLE:

VZWSMART-MSK2
CROSSOVER PLATE

SHEET NUMBER:	REV #:
VZWSMART-MSK2	0

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	SCX4	CROSSOVER PLATE	8 1/2 in	6.02	6.02
2	2	X-SUB1418	SQUARE U-BOLT 0.5" DIA. X 4.125" IW X 6" IL X 3" TR		0.98	1.95
3	2	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.60	1.19
3	2	X-UB1300	1/2" X 3" X 5" X 2" U-BOLT (HDG.)		0.67	1.34
4	8	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	0.27
5	8	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.11
6	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
					TOTAL WT. #	11.35



TOLERANCE NOTES

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

DESCRIPTION
CROSSOVER PLATE KIT
W/ SQUARE U-BOLTS AND STD. U-BOLTS

SITE PRO 1 — A valmont COMPANY

Engineering Support Team: 1-888-753-7446

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

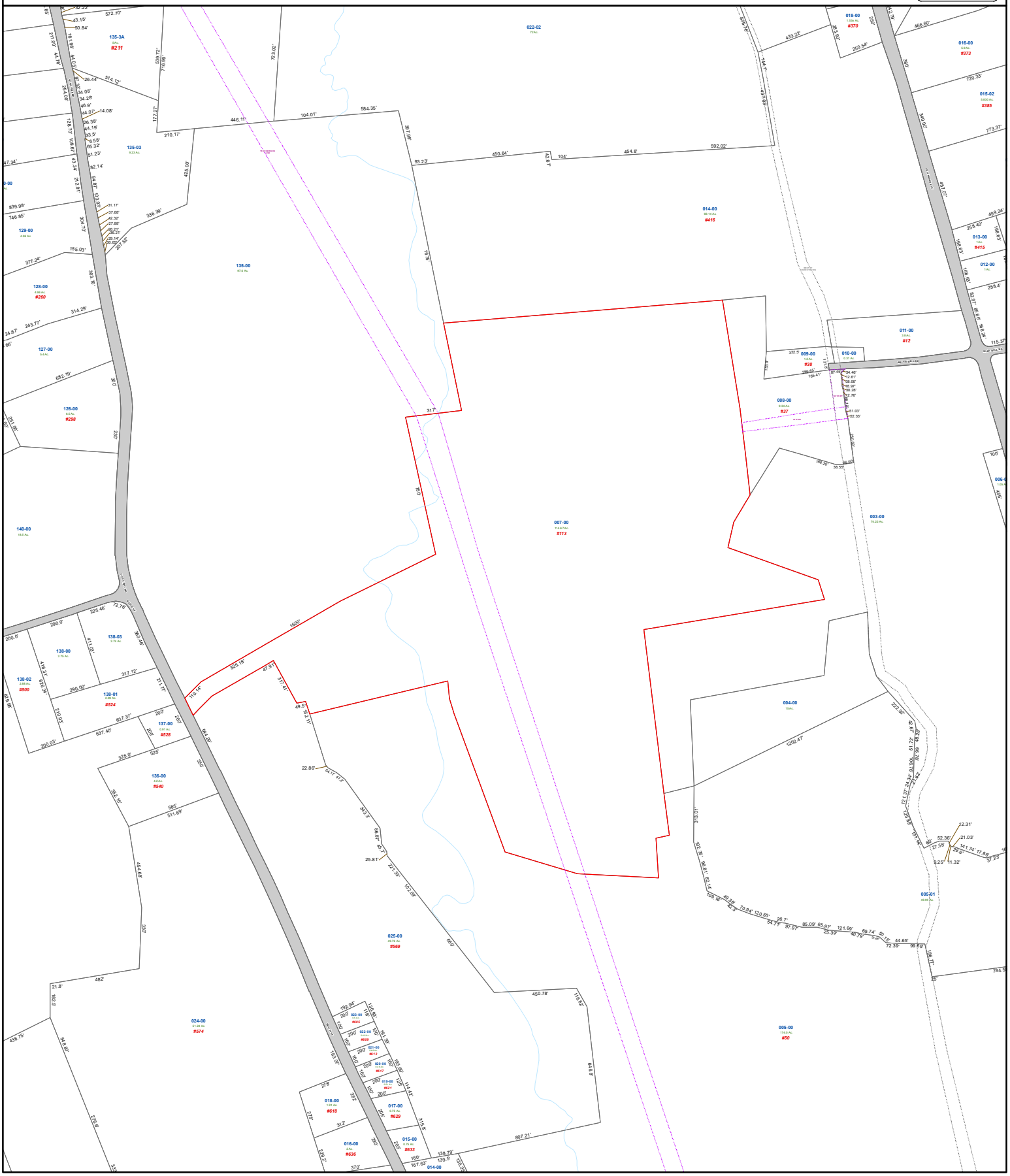
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	CSL 9/18/2018	3RD PARTY	SQCX4-K

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
87	02	CUSTOMER	BMC 11/12/2018	SQCX4-K

ATTACHMENT 5

Town of Goshen, Connecticut - Assessment Parcel Map

Parcel: 04-006-007-00 **Location: 113 BRUSH HILL ROAD**



Approximate Scale: 1 inch = 700 feet

0 360 720 1,080 1,440 Feet

Map Produced: June 2021

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

Town of Goshen, CT

Property Listing Report

Map Block Lot	04-006-007-00	Account	00023400

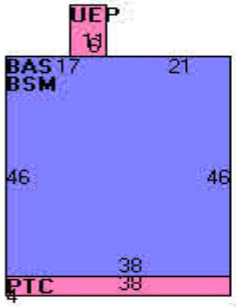
Property Information

Property Location	113 BRUSH HILL ROAD
Owner	WOODRIDGE SEWER DIST
Co-Owner	
Mailing Address	113 BRUSH HILL RD GOSHEN CT 06756
Land Use	937 Sewer Treatmnt
Land Class	E
Zoning Code	RA5
Town Clerk Map #	VOL 7 PG 17
Subdiv. Lot #	P-A, P-E, P-F

Neighborhood	C2
Acreage	114.67
Utilities	
Lot Setting/Desc	
Survey Map	
Additional Info	

Photo

Sketch



Primary Construction Details

Year Built	1974
Stories	1
Building Style	Commercial
Building Use	Commercial
Building Grade	C
Floors	Concr-Finished
Total Rooms	

Bedrooms	
Full Bathrooms	0
Half Bathrooms	
Bath Style	
Kitchen Style	
Roof Style	Flat
Roof Cover	T & G/Rubber

Exterior Walls	Concr/Cinder
Interior Walls	Minim/Masonry
Heating Type	Forced Air-Duc
Heating Fuel	Oil
AC Type	None
Gross Bldg Area	3714
Total Living Area	1748

Report Created On 10/1/2021

Town of Goshen, CT

Property Listing Report | Map Block Lot **04-006-007-00** | Account **00023400**

Valuation Summary

(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	65200	45640
Extras	0	0
Outbuildings	664700	465290
Land	657560	460300
Total	1387460	971230

Outbuilding and Extra Items

Type	Description
Sewer Plant	100000.00 GALS
Fence 8'	1125.00 L.F.
Paving Asph.	3000.00 S.F.
Light (1)	1.00 UNITS
Light (2)	2.00 UNITS
Garage	1496.00 S.F.
Paving Asph.	5000.00 S.F.
Pump House Comm	308.00 S.F.

Sub Areas

Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
Basement	1748	0
Unfinished Enclosed Porch	66	0
First Floor	1748	1748
Patio - Concrete	152	0
Total Area	3714	1748

Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
WOODRIDGE SEWER DIST	55/ 121	12/15/1975	0

Report Created On **10/1/2021**

ATTACHMENT 6

UNITED STATES POSTAL SERVICE®

GOSHEN SOUTH

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 10/04/2021 US POSTAGE $002.99 ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)*		

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Robert Valentine, First Selectman Town of Goshen 42A North Street Goshen, CT 06756				
2.	Martin Connor, Land Use Official Town of Goshen 42A North Street Goshen, CT 06756				
3.	Woodbridge Sewer District 113 Brush Hill Road Goshen, CT 06756				
4.					
5.					
6.					

USPS OLD STATE HOUSE STATION 06103 OCT - 4 2021 USPS