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October 4, 2022

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

Re: **Notice of Exempt Modification – Facility Modification**
1363 Boston Post Road, Old Saybrook, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains an existing wireless telecommunications facility at the above-referenced property address (the "Property"). The facility consists of antennas and remote radio heads attached to a tower and associated equipment on the ground near the base of the tower. The tower was approved by the Siting Council ("Council") in April of 2011 (Docket No. 411). Cellco's use of the tower was approved by the Siting Council ("Council") in July of 2017 (PE1133-VER-20150611). Copies of the Council's Docket No. 411 Decision and Order and PE1133-VER-20150611 approval letter are included in Attachment 1.

Cellco now intends to modify its facility by replacing its nine (9) existing antennas with three (3) new MT6407-77A antennas and six (6) JAHH-65B-R3B antennas on the existing antenna platform. Cellco also intends to remove six (6) 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 its new antenna and RRH specifications are included in Attachment 2.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Old Saybrook's Chief Elected Official and Land Use Officer.

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

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

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

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

4. The installation of Cellco's new antennas will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety standard. A cumulative General Power Density table for Cellco's modified facility is included in Attachment 3. The modified facility will be capable of providing Cellco's 5G wireless service.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. According to the attached Structural Analysis ("SA") and Mount Analysis ("MA"), the existing tower, tower foundation and antenna platform with certain modifications can support Cellco's proposed modifications. Copies of the SA and MA are included in Attachment 4.

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

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

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Carl Fortuna, Old Saybrook First Selectman
Christina Costa, Town Planner
Wilcox Family LLC, Property Owner
Alex Tyurin, Verizon Wireless

ATTACHMENT 1

DOCKET NO. 411 - New Cingular Wireless PCS, LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility located at 1363 Boston Post Road, Old Saybrook, Connecticut.	}	Connecticut
	}	Siting
	}	Council

April 28, 2011

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, maintenance, and operation 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 New Cingular Wireless PCS, LLC, hereinafter referred to as the Certificate Holder, for a telecommunications facility at 1363 Boston Post Road, Old Saybrook, Connecticut.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of New Cingular Wireless PCS, LLC and other entities, both public and private, but such tower shall not exceed a height of 100 feet above ground level.

2. The location of the telecommunications facility's compound shall be moved from the location shown on the site plans included in the Certificate application to the south and west by a distance sufficient to eliminate the need to clear trees for the development of the approved facility.

3. Antennas shall be installed on the tower using T-arm or flush mounts.

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

    a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line, and landscaping; and
    b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

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

6. 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.

7. 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.

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

9. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed with at least one fully operational wireless telecommunications carrier providing wireless service within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Certificate Holder shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.

10. Any request for extension of the time period referred to in Condition 9 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Old Saybrook. Any proposed modifications to this Decision and Order shall likewise be so served.

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

12. Any nonfunctioning antenna, and associated antenna mounting equipment, on this facility shall be removed within 60 days of the date the antenna ceased to function.

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

14. The Certificate Holder shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v.

15. This Certificate may be transferred in accordance with Conn. Gen. Stat. §16-50k(b), provided both the Certificate Holder/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. In addition, both the Certificate Holder/transferor and the transferee shall provide the Council a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.

16. The Certificate Holder shall maintain the facility and associated equipment, including but not limited to, the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line and landscaping in a reasonable physical and operational condition that is consistent with this Decision and Order and a Development and Management Plan to be approved by the Council.

17. If the Certificate Holder is a wholly-owned subsidiary of a corporation or other entity and is sold/transferred to another corporation or other entity, the Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the Certificate Holder within 30 days of the sale and/or transfer.

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

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**
New Cingular Wireless PCS, LLC	Christopher B Fisher, Esq. Daniel M. Laub, Esq. Cuddy & Feder LLP 445 Hamilton Avenue, 14th Floor White Plains, NY 10601 Michele Briggs AT&T 500 Enterprise Drive Rocky Hill, CT 06067-3900

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

July 21, 2015

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

RE: **PE1133-VER-20150611** – Cellco Partnership d/b/a Verizon Wireless sub-petition for a declaratory ruling for approval of an eligible facility request for modifications to an existing telecommunications facility located at 1363 Boston Post Road, Old Saybrook, Connecticut.

Dear Attorney Baldwin:

The Connecticut Siting Council (Council) hereby approves your Eligible Facilities Request (EFR) to install antennas and associated equipment at the above-referenced facility pursuant to the Federal Communications Commission Wireless Infrastructure Report and Order, with the following conditions:

- The proposed feed lines and remote radio heads shall be installed in accordance with the structural analysis report performed by FDH Engineering, Inc. dated November 17, 2014 and stamped by Bradley Newman;
- Within 45 days following completion of the equipment installation, Cellco shall provide documentation that its installation complied with the recommendations of the structural analysis.
- Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by the Petitioner shall be removed within 60 days of the date the antenna ceased to function;
- The validity of this action shall expire one year from the date of this letter; and
- The petitioner may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

This decision is under the exclusive jurisdiction of the Council and is not applicable to any other modification or construction. All work is to be implemented as specified in the EFR received on June 11, 2015.

Thank you for your attention and cooperation.

Very truly yours,

Melanie Bachman
Acting Executive Director

MB/MP

c: Honorable Carl P. Fortuna, Jr., First Selectman, Town of Old Saybrook
Christine Nelson, Town Planner, Town of Old Saybrook

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ATTACHMENT 2

verizon WIRELESS

OLD SAYBROOK 2 CT

1363 BOSTON POST ROAD
OLD SAYBROOK, CT 06475

FUZE PROJECT ID: 16272126

PSLC: 467406

VICINITY MAP N.T.S.

ENGINEER
DEWBERRY ENGINEERS INC.
99 SUMMER ST.
SUITE 700
BOSTON, MA 02110

PHONE # (617) 531-0800

CONTACT: BENJAMIN REVETTE, PE

CONSTRUCTION
VERIZON WIRELESS
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

COORDINATES*:
LATITUDE: 41° 17' 23.2" N
LONGITUDE: 72° 24' 21.4" W
*PER RFDS

GROUND ELEVATION*:
15'±
*PER GOOGLE EARTH

PROJECT TEAM

PMI ACCESSED AT:	HTTPS://PMI.VZWSMART.COM
SMART TOOL VENDOR PROJECT NUMBER:	10144894
VZW LOCATION CODE (PSLC):	467406
FUZE NUMBER:	16272126
PMI AND REQUIREMENTS ALSO IMBEDDED IN MOUNT ANALYSIS REPORT	
MOUNT MODIFICATION REQUIRED?	YES
VZW APPROVED SMART KIT VENDORS	
REFER TO MOUNT MODIFICATION DRAWINGS BY MASER CONSULTING DATED 07/29/22.	

CONTRACTOR PMI REQUIREMENTS

THIS DOCUMENT WAS DEVELOPED TO REFLECT A SPECIFIC SITE AND ITS SITE CONDITIONS AND IS NOT TO BE USED FOR ANOTHER SITE OR WHEN OTHER CONDITIONS PERTAIN. REUSE OF THIS DOCUMENT IS AT THE SOLE RISK OF THE USER.

A.D.A. COMPLIANCE:
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.

- INSTALL MOUNT MODIFICATIONS IN ACCORDANCE WITH MODIFICATION DRAWINGS & POST-MOD ANALYSIS BY MASER CONSULTING DATED 07/29/22.
- REMOVE (9) EXISTING ANTENNAS.
- REMOVE (2) EXISTING 6X12 HYBRID CABLES ROUTED FROM SHELTER TO OVPS ON TOWER.
- REMOVE (2) EXISTING 6-OVP FROM EXISTING MOUNT.
- INSTALL (2) NEW 6-OVP ON MODIFIED MOUNT.
- INSTALL (2) NEW 6X12 LI HYBRID CABLES ROUTED FROM SHELTER TO OVPS ON TOWER.
- INSTALL (6) DUAL MOUNTED PANEL ANTENNAS & (3) MT6407-77A ANTENNA WITH INTEGRATED REMOTE.
- REMOVE (6) EXISTING RADIO UNITS.
- INSTALL (6) DUAL-BAND AWS/PCS RRHS.
- INSTALL (3) QUAD DIPLEXERS FOR AWS + PCS.
- INSTALL JUMPER CABLING AS REQUIRED BY RFDS.
- CAP & WEATHERPROOF UNUSED PORTS.

NOTE:
1. SCOPE OF WORK BASED ON ANTENNA REC FOR OLD SAYBROOK CT 2 DATED 07/20/2022. VERIFY SCOPE OF WORK WITH FINAL RFDS PRIOR TO CONSTRUCTION.

SCOPE OF WORK

SHT. NO.	DESCRIPTION
T-1	TITLE SHEET
GN-1	GENERAL NOTES
C-1	PROPOSED SITE PLAN & ELEVATION
C-2	EXISTING & PROPOSED ANTENNA PLANS
C-3	CONSTRUCTION DETAILS
C-4	SMART TOOL SECTOR PLANS & ELEVATION DETAILS
C-5	FINAL EQUIPMENT CONFIGURATION

SHEET INDEX

verizon WIRELESS
VERIZON WIRELESS
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

OLD SAYBROOK 2 CT

CONSTRUCTION DRAWINGS		
2	10/03/22	FOR SUBMITTAL
1	09/13/22	FOR SUBMITTAL
0	07/14/22	FOR SUBMITTAL

Dewberry
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310

STATE OF CONNECTICUT
BENJAMIN A. REVETTE
28971
LICENSED
PROFESSIONAL ENGINEER

DRAWN BY:	AJB
REVIEWED BY:	CDH
CHECKED BY:	BBR
PROJECT NUMBER:	50121487
JOB NUMBER:	50136933
SITE NUMBER:	

467406

SITE ADDRESS

1363 BOSTON POST ROAD
OLD SAYBROOK, CT 06475

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1

GENERAL CONSTRUCTION NOTES :

1. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, AND COMPLY WITH VERIZON WIRELESS SPECIFICATIONS.
2. CONTRACTOR SHALL CONTACT "DIG SAFE" (888-344-7233) FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
4. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
5. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
6. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
7. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
9. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
10. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE OWNER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING.
11. EACH CONTRACTOR SHALL COOPERATE WITH THE OWNER'S REPRESENTATIVE, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
12. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON WIRELESS CONSTRUCTION MANAGER.
13. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
14. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR WILL NOTIFY ENGINEER, VERIZON WIRELESS PROJECT CONSTRUCTION MANAGER, AND LANDLORD IMMEDIATELY.
15. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
16. ALL ROOF WORK SHALL BE DONE BY A QUALIFIED AND EXPERIENCED ROOFING CONTRACTOR IN COORDINATION WITH ANY CONTRACTOR WARRANTING THE ROOF TO ENSURE THAT THE WARRANTY IS MAINTAINED.
17. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
18. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH LANDLORD AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
19. CONTRACTOR SHALL FURNISH VERIZON WIRELESS WITH THREE AS-BUILT SETS OF DRAWINGS UPON COMPLETION OF WORK.
20. ANTENNAS AND CABLES ARE TYPICALLY PROVIDED BY VERIZON WIRELESS. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH PROJECT MANAGER TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED BY VERIZON WIRELESS. ALL ITEMS NOT PROVIDED BY VERIZON WIRELESS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED BY VERIZON WIRELESS.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR WILL COORDINATE WITH VERIZON WIRELESS PROJECT MANAGER TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY VERIZON WIRELESS. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON WIRELESS MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
22. GENERAL CONTRACTOR SHALL HAVE A LICENSED HVAC CONTRACTOR START THE HVAC UNITS, SYNCHRONIZE THE THERMOSTATS, ADJUST ALL SETTINGS ON EACH UNIT ACCORDING TO VERIZON WIRELESS CONSTRUCTION MANAGER'S SPECIFICATIONS, AND THOROUGHLY TEST AND BALANCE EACH UNIT TO ENSURE PROPER OPERATION PRIOR TO TURNING THE SITE OVER TO OWNER.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON WIRELESS SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. UNLESS OTHERWISE NOTED VERIZON WIRELESS SHALL PROVIDE ALL REQUIRED RF MATERIAL FOR CONTRACTOR TO INSTALL, INCLUDING ANTENNAS, TMA'S, BIAS-T'S, COMBINERS, PDU, DC BLOCKS, SURGE ARRESTORS, GPS ANTENNA, GPS SURGE ARRESTOR, COAXIAL CABLE.
26. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL VERIFY ALL EQUIPMENT TO BE PROVIDED BY VERIZON WIRELESS FOR INSTALLATION BY CONTRACTOR.
27. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON WIRELESS SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
28. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
29. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
30. CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 48 HOURS IN ADVANCE PRIOR TO CONSTRUCTION START, MORE SPECIFICALLY BEFORE; SEALING ANY FLOOR, WALL OR ROOF PENETRATION, FINAL UTILITY CONNECTIONS, POURING CONCRETE, BACKFILLING UTILITY TRENCHES AND STRUCTURAL POST OR MOUNTING CONNECTIONS, FOR ENGINEERING REVIEW AND INSPECTION.
31. SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH UL LISTED D FIRE CODE APPROVED MATERIALS.
32. REPAIR ANY DAMAGE DURING CONSTRUCTION TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE CONSTRUCTION MANAGER AND LANDLORD.
33. ALL DISRUPTIVE WORK AND WORK WITHIN TENANT SPACES TO BE COORDINATED WITH BUILDING REPRESENTATIVE.

CODE SPECIFICATIONS:

1. ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:

   2018 CONNECTICUT STATE BUILDING CODE WITH THE FOLLOWING APPLICABLE CODES:
   2015 INTERNATIONAL RESIDENTIAL CODE (IRC)
   2015 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
   2017 INTERNATIONAL BUILDING CODE (IBC)
   2015 INTERNATIONAL MECHANICAL CODE (IMC)
   2017 NATIONAL ELECTRICAL CODE (NEC) (NFPA 70)
   2015 INTERNATIONAL PLUMBING CODE (IPC)
   2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

   IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.
2. ALL STRUCTURAL WORK TO BE DONE IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL, 13TH EDITION (AISC 13TH ED.)
3. ALL CONCRETE WORK TO BE DONE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE (ACI 301) SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 318) AND BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
4. ALL REINFORCING STEEL WORK TO BE DONE IN ACCORDANCE WITH THE (ACI 315) MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.

GROUNDING NOTES:

1. GROUNDING SHALL COMPLY WITH NEC ART. 250.
2. GROUNDING CONDUCTORS SHALL BE #6 COPPER STRANDED WIRE WITH GREEN COLOR INSULATION FOR INDOOR USE.
3. 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.
4. ROUTE GROUNDING CONNECTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE, EXCEPT AS OTHERWISE INDICATED. GROUNDING LEADS SHOULD NOT BE BENT AT RIGHT ANGLE. ALWAYS MAKE 12" RADIUS BENDS. #6 WIRE CAN BE BENT AT 6" RADIUS WHEN NECESSARY.
5. CONNECTIONS TO GROUNDING BAR SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS. APPLY OXIDE INHIBITING COMPOUND TO ALL LOCATIONS.
6. TEST COMPLETED GROUNDING SYSTEM AND RECORD RESISTANCE VALUES FOR PROJECT CLOSE-OUT DOCUMENTATION. GROUND RESISTANCE SHALL NOT EXCEED 5 OHMS.
7. GROUNDING CONDUCTORS BETWEEN MGB AND WATERMAIN SHALL BE #2/0. BONDING JUMPERS FROM METALLIC SURFACES SHALL BE #2 MINIMUM. ALL GROUND CONDUCTORS AND BONDING JUMPERS SHALL BE SOFT DRAWN ANNEALED, TINNED, BARE STRANDED COPPER WIRE. COAXIAL CABLES SHALL BE GROUNDED AT A MINIMUM OF TWO LOCATIONS USING VERIZON PROVIDED GROUNDING KITS. EXACT LOCATIONS SHALL BE FINALIZED IN THE FIELD BY THE CONSTRUCTION MANAGER.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
2. STRUCTURAL STEEL ROLLED SHAPES, PLATES, AND BARS SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:

ASTM A-992, GRADE 50	ALL W SHAPES, UNLESS NOTED OR A992 OTHERWISE.
ASTM A-36	ALL OTHER ROLLED SHAPES, PLATES AND BARS UNLESS NOTED OTHERWISE.
ASTM A-500, GRADE B	HSS SECTION (SQUARE, RECTANGULAR, ROUND)
ASTM A-325, TYPE SC OR N	ALL BOLTS FOR CONNECTING STRUCTURAL MEMBERS.
F1554, GRADE 36	ALL ANCHORS BOLTS, UNLESS NOTED OTHERWISE.
ASTM A-53, GRADE B	STEEL PIPE

3. ALL WELDING SHALL BE DONE USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC AND AWS D1.1 WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "MANUAL OF STEEL CONSTRUCTION", 14TH EDITION. WHERE WELD LENGTH IS NOT INDICATED, USE FULL LENGTH WELD. AT THE COMPLETION OF ALL WELDING, ALL DAMAGE TO GALVANIZED COATING SHALL BE REPAIRED.
4. BOLTED CONNECTIONS SHALL USE BEARING TYPE GALVANIZED ASTM A325 BOLTS (3/4" DIA.) SUPPLIED WITH A NUT AND WASHER UNDER TURNED END AND SHALL HAVE MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.
5. DO NOT DRILL HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
6. NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIA. GALVANIZED ASTM A 307 BOLTS UNLESS NOTED OTHERWISE.
7. USE PRECAUTIONS & PROCEDURES PER AWS D1.1 WHEN WELDING GALVANIZED METALS.
8. ALL EXISTING BEAM AND COLUMN DIMENSIONS SHALL BE FIELD VERIFY BY CONTRACTOR PRIOR TO FABRICATION. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN SHALL BE REPORTED TO DEWBERRY ENGINEER IMMEDIATELY.
9. CONNECTION DESIGN BY FABRICATOR WILL BE SUBJECT TO REVIEW AND APPROVAL BY ENGINEER.
10. ALL EXTERIOR STEEL WORK SHALL BE GALVANIZED IN ACCORDANCE WITH SPECIFICATION ASTM A123/A123M-00 HOT-DIP GALVANIZED FINISH UNLESS OTHERWISE NOTED. GALVANIZING SHALL BE PERFORMED AFTER SHOP FABRICATION TO THE GREATEST EXTENT POSSIBLE. ALL DINGS, SCRAPES, MARS, AND WELDS IN THE GALVANIZED AREAS SHALL BE REPAIRED. REPAIR DAMAGED GALVANIZED COATINGS ON GALVANIZED ITEMS WITH GALVANIZED REPAIR PAINT ACCORDING TO ASTM A780 AND MANUFACTURER'S WRITTEN INSTRUCTIONS, PRIOR TO COMPLETION OF WORK. TOUCHUP ALL DAMAGED GALVANIZED STEEL WITH APPROVED COLD ZINC, "GALVANOX", "DRY GALV", "ZINC-IT", OR APPROVED EQUIVALENT, IN ACCORDANCE WITH MANUFACTURERS GUIDELINES. TOUCHUP DAMAGED NON GALVANIZED STEEL WITH SAME PAINT APPLIED IN SHOP OR FIELD.
11. ALL WELDED COMPONENTS TO BE SHOP WELDED PRIOR TO INSTALLATION. NO WELDING ACTIVITIES IS PERMITTED DURING INSTALLATION OF PROPOSED EQUIPMENTS AND/OR HARDWARE ON SITE.

verizon WIRELESS

VERIZON WIRELESS
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

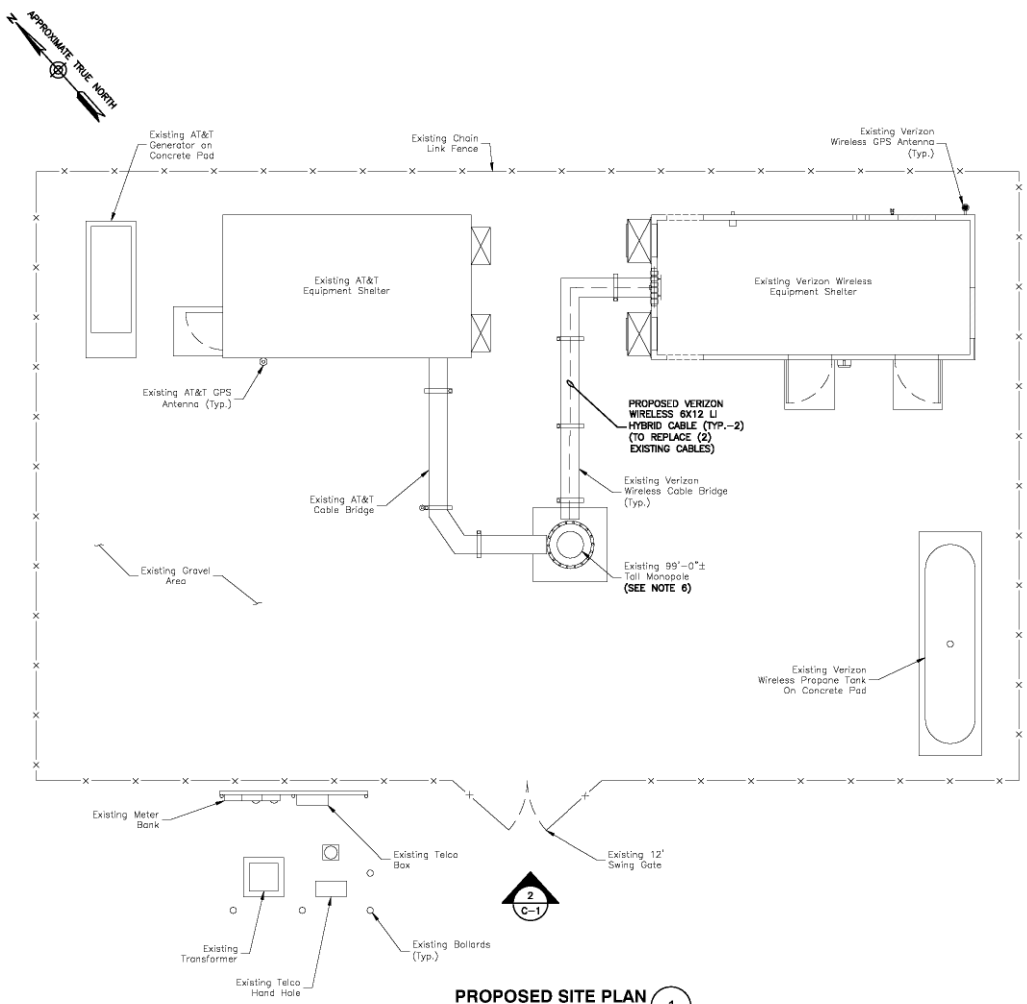
OLD SAYBROOK 2 CT

CONSTRUCTION DRAWINGS		
2	10/03/22	FOR SUBMITTAL
1	09/13/22	FOR SUBMITTAL
0	07/14/22	FOR SUBMITTAL

Dewberry®
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310

STATE OF CONNECTICUT
28971
LICENSED
PROFESSIONAL ENGINEER

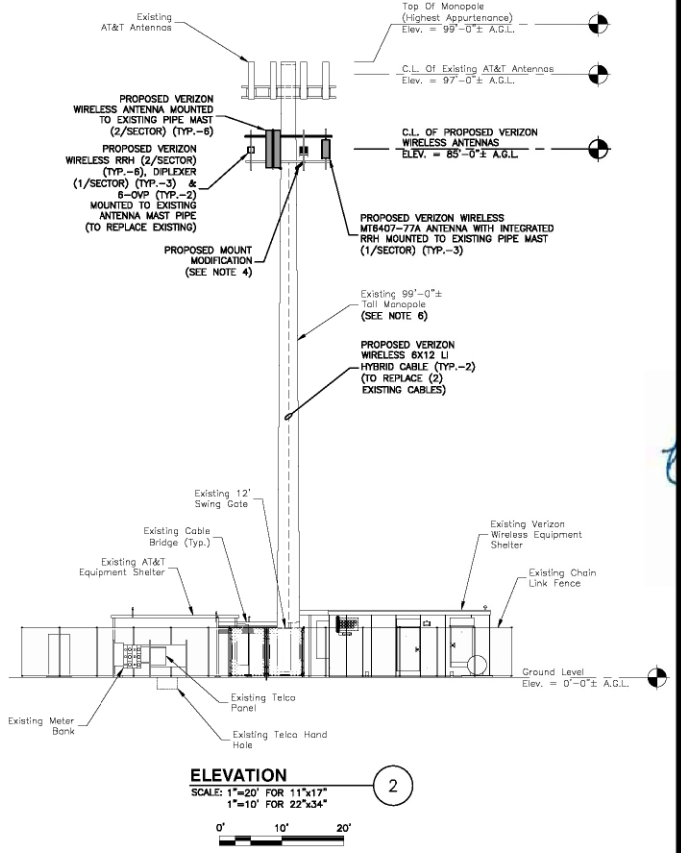
DRAWN BY:	AJB
REVIEWED BY:	CDH
CHECKED BY:	BBR
PROJECT NUMBER:	50121487
JOB NUMBER:	50136933
SITE NUMBER:	467406
SITE ADDRESS	1363 BOSTON POST ROAD OLD SAYBROOK, CT 06475
SHEET TITLE	GENERAL NOTES
SHEET NUMBER	GN-1



PROPOSED SITE PLAN 1

SCALE: 1"=10' FOR 11"x17"
1"=5' FOR 22"x34"

0' 5' 10'



ELEVATION 2

SCALE: 1"=20' FOR 11"x17"
1"=10' FOR 22"x34"

0' 10' 20'

NOTES:

1. NORTH & ELEVATION SHOWN AS APPROXIMATE.
2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. SITE PLAN & ELEVATION BASED ON SITE VISIT BY DEWBERRY ENGINEERS INC. ON 03/29/21.
4. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS & MOUNT MODIFICATION DESIGN & ANALYSIS BY MASER CONSULTING DATED 07/29/22.
5. A.G.L. = ABOVE GROUND LEVEL
6. INSTALL EQUIPMENT IN ACCORDANCE WITH TOWER STRUCTURAL ANALYSIS COMPLETED BY GPD GROUP DATED 06/28/22.

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CONSTRUCTION DRAWINGS		
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BENJAMIN B. RIDDLE
28971
LICENSED
PROFESSIONAL ENGINEER

DRAWN BY:	AJB
REVIEWED BY:	CDH
CHECKED BY:	BBR
PROJECT NUMBER:	50121487
JOB NUMBER:	50136933
SITE NUMBER:	

467406

SITE ADDRESS

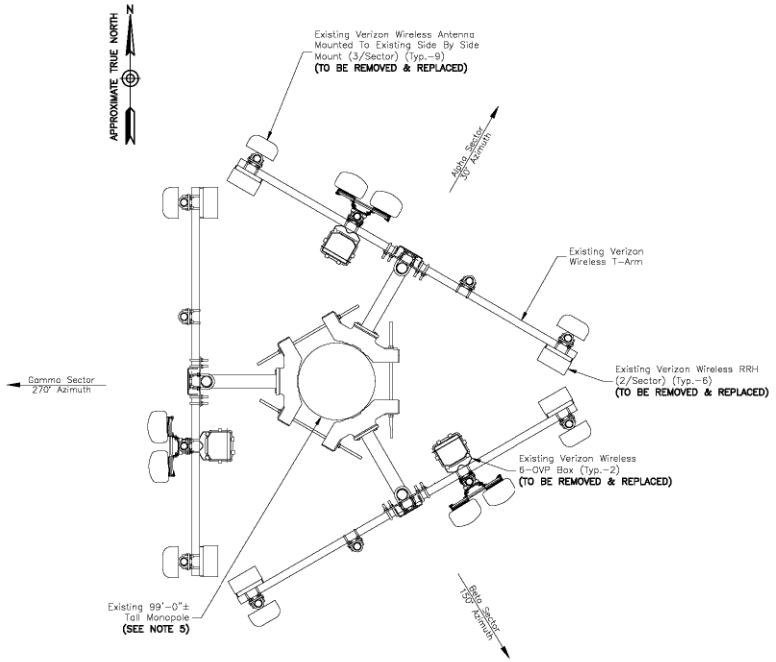
1363 BOSTON POST ROAD
OLD SAYBROOK, CT 06475

SHEET TITLE

PROPOSED SITE PLAN & ELEVATION

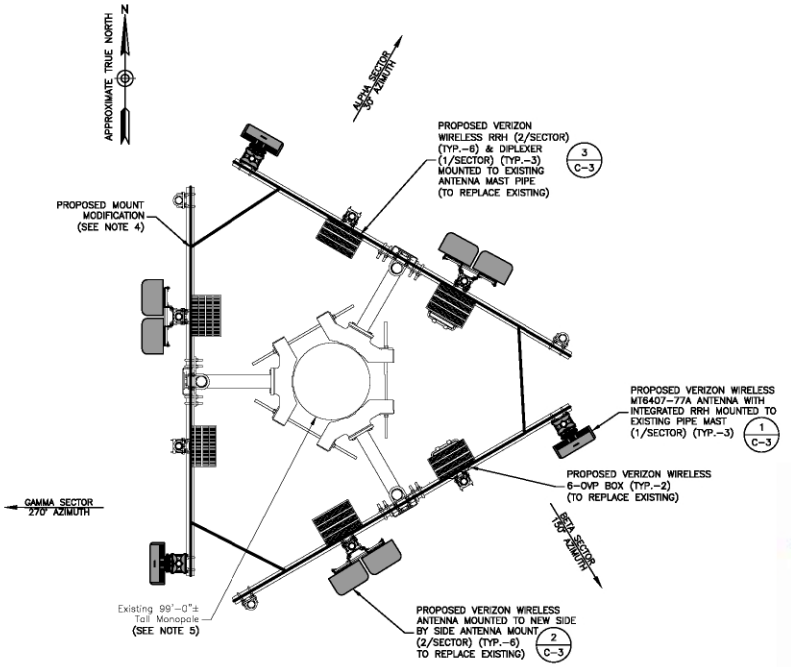
SHEET NUMBER

C–1



EXISTING ANTENNA PLAN 1

SCALE: N.T.S.



PROPOSED ANTENNA PLAN 2

SCALE: N.T.S.

NOTES:

1. NORTH SHOWN AS APPROXIMATE.
2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. SITE PLAN & ELEVATION BASED ON SITE VISIT BY DEWBERRY ENGINEERS INC. ON 03/29/21.
4. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS & MOUNT MODIFICATION DESIGN & ANALYSIS BY MASER CONSULTING DATED 07/29/22.
5. INSTALL EQUIPMENT IN ACCORDANCE WITH TOWER STRUCTURAL ANALYSIS COMPLETED BY GPD GROUP DATED 06/28/22.

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CONSTRUCTION DRAWINGS		
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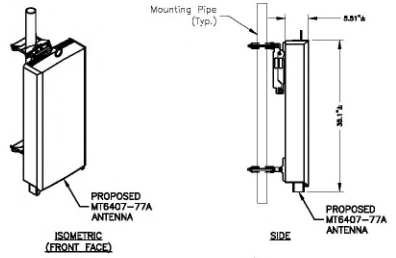
1363 BOSTON POST ROAD
OLD SAYBROOK, CT 06475

SHEET TITLE

EXISTING & PROPOSED ANTENNA PLANS

SHEET NUMBER

C–2



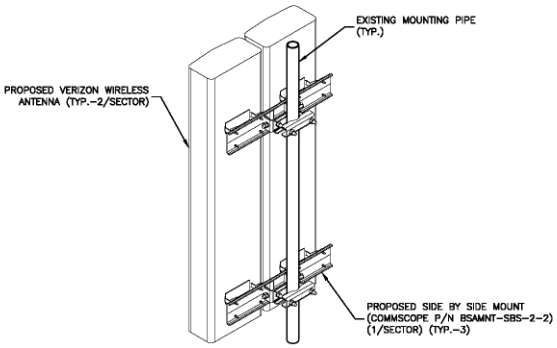
MODEL:	MT6407-77A
DIMENSIONS:	35.1"H X 16.1"W X 5.5"D (NOT TO EXCEED)
WEIGHT:	87.1 LBS (NOT TO EXCEED)

NOTES:

1. INSTALL ALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. USE APPROPRIATE MOUNTING HARDWARE FOR CONSTRUCTION TYPE.

MT6407-77A PIPE MOUNTED ANTENNA DETAIL (1)

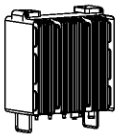
SCALE: N.T.S.



MANUFACTURER:	COMMSCOPE
PART NUMBER:	JAHH-65B-R3B
DIMENSIONS:	72.0"H X 13.8"W X 8.2"D
WEIGHT:	64.4 LBS (WITHOUT MOUNT KIT)

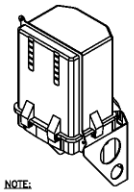
SIDE BY SIDE ANTENNA DETAIL (2)

SCALE: N.T.S.



PROPOSED LTE 700/850	
MANUFACTURER:	SAMSUNG
MODEL:	700/850MHZ MACRO RADIO RFV01U-D2A
DIMENSIONS:	14.9"H X 14.9"W X 9.0"D
WEIGHT:	70.3 LBS

PROPOSED LTE AWS/PCS	
MANUFACTURER:	SAMSUNG
MODEL:	AWS/PCS MACRO RADIO RFV01U-D1A
DIMENSIONS:	14.9"H X 14.9"W X 10.0"D
WEIGHT:	74.7 LBS



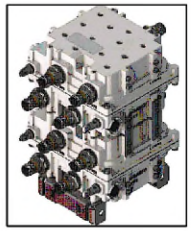
OVP BOX	
MANUFACTURER:	RAYCAP
MODEL:	OVP BOX
DIMENSIONS:	29.5"H X 16.5"W X 12.6"D
WEIGHT:	32.0 LBS

NOTE:

1. CONTRACTOR TO VERIFY WITH CONSTRUCTION MANAGER FOR FINAL MANUFACTURER SPECIFICATIONS PRIOR TO CONSTRUCTION.

REMOTE UNIT DETAILS (3)

SCALE: N.T.S.



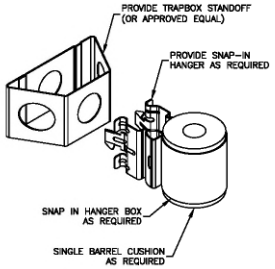
MANUFACTURER:	COMMSCOPE
MODEL:	CBC78T-DS-43-2X
DIMENSIONS:	6.38"H X 6.93"W X 9.65"D
WEIGHT:	20.72 LBS

NOTE:

1. CONTRACTOR TO VERIFY WITH CONSTRUCTION MANAGER FOR FINAL MANUFACTURER SPECIFICATIONS PRIOR TO CONSTRUCTION.

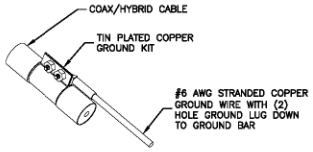
DIPLEXER DETAIL (4)

SCALE: N.T.S.



JUMPER MOUNT (5)

SCALE: N.T.S.

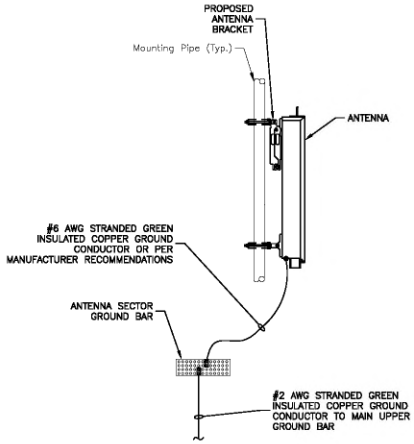


NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND. ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. GROUNDING KIT SHALL BE TIN PLATED COPPER WITH TWO-HOLE LUG, SIZE PER COAX DIAMETER.
3. WEATHER SEAL GROUND KIT PER CARRIER REQUIREMENTS.
4. COAX CABLE GROUND KIT LOCATION & QUANTITY SHALL BE PER CARRIER SPECIFICATIONS & STANDARDS.

COAX/HYBRID GROUNDING DETAIL (6)

SCALE: N.T.S.



NOTES:

1. VERIFY EXISTING GROUNDING SYSTEM IS INSTALLED PER VERIZON WIRELESS STANDARDS.
2. BOND NEW EQUIPMENT INTO EXISTING GROUND SYSTEM IN ACCORDANCE WITH VERIZON WIRELESS STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.

TYPICAL ANTENNA GROUNDING DETAIL (7)

SCALE: N.T.S

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20 ALEXANDER DRIVE
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CONSTRUCTION DRAWINGS		
2	10/03/22	FOR SUBMITTAL
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0	07/14/22	FOR SUBMITTAL

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PHONE: 617.695.3400
FAX: 617.695.3310

DRAWN BY:	AJB
REVIEWED BY:	CDH
CHECKED BY:	BBR
PROJECT NUMBER:	50121487
JOB NUMBER:	50136933
SITE NUMBER:	

467406

SITE ADDRESS

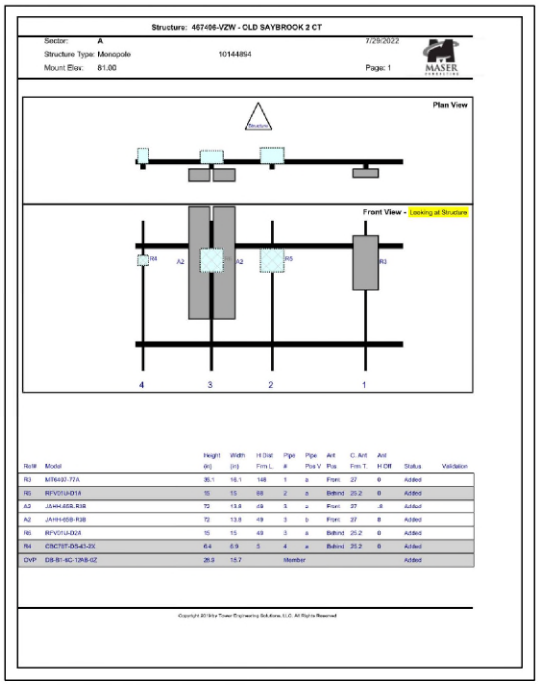
1363 BOSTON POST ROAD
OLD SAYBROOK, CT 06475

SHEET TITLE

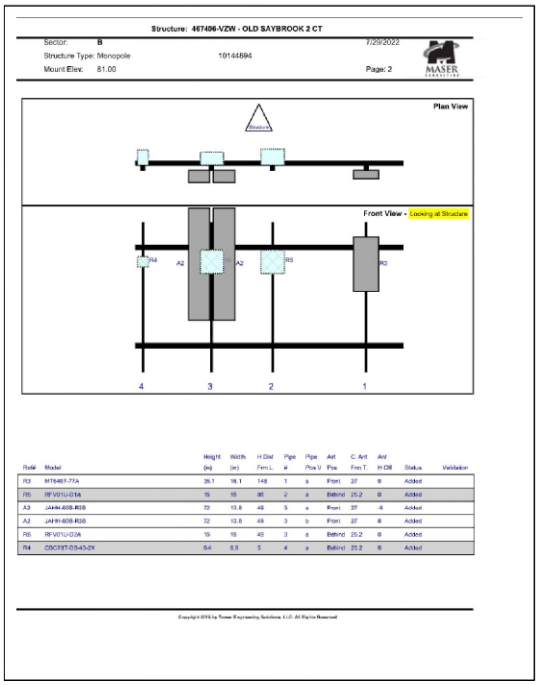
CONSTRUCTION DETAILS

SHEET NUMBER

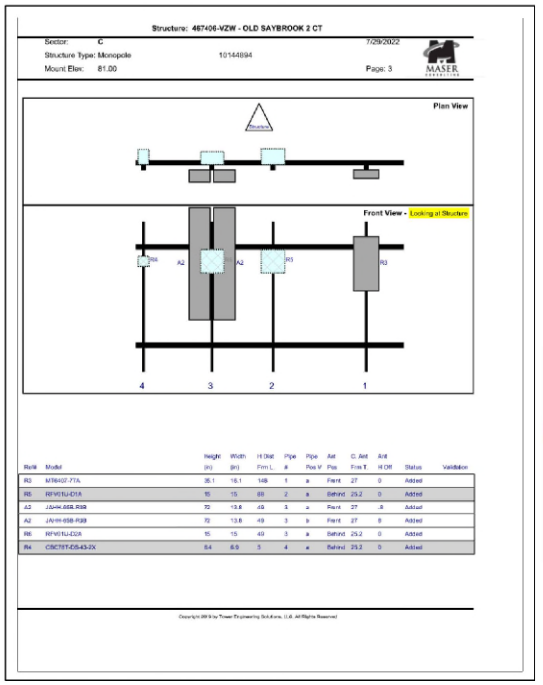
C-3



ALPHA SECTOR (1)
SCALE: N.T.S.



BETA SECTOR (2)
SCALE: N.T.S.



GAMMA SECTOR (3)
SCALE: N.T.S.

NOTE:

1. SECTOR PLANS AND ELEVATIONS TAKEN FROM MOUNT ANALYSIS: SMART TOOL# 10144894, MASER PROJECT # 21777624A, FUZE # 16272126 BY MASER CONSULTING P.A. DATED 07/29/2022.

verizon WIRELESS
VERIZON WIRELESS
20 ALEXANDER DRIVE
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CONSTRUCTION DRAWINGS		
2	10/03/22	FOR SUBMITTAL
1	09/13/22	FOR SUBMITTAL
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STATE OF CONNECTICUT
BENJAMIN B. RIGGS
28971
LICENSED
PROFESSIONAL ENGINEER

DRAWN BY:	AJB
REVIEWED BY:	CDH
CHECKED BY:	BBR
PROJECT NUMBER:	50121487
JOB NUMBER:	50136933
SITE NUMBER:	

467406

SITE ADDRESS

1363 BOSTON POST ROAD
OLD SAYBROOK, CT 06475

SHEET TITLE

SMART TOOL SECTOR PLANS & ELEVATION DETAILS

SHEET NUMBER

C-4

FINAL EQUIPMENT CONFIGURATION

SECTOR	POSITION	TECHNOLOGY	ANTENNA MODEL	VENDOR	RRH (QTY./MODEL)	CENTERLINE	AZIMUTH	OVP	HYBRID CABLE TYPE	FEED LINE LENGTH*
ALPHA	A1	5G	(P) MT6407-77A	SAMSUNG	–	85'-0"±	30°	(2) (P) OVP-6 BOX (TO REPLACE EXISTING)	(2) (P) 6X12 HYBRIFLEX CABLE (TO REPLACE EXISTING)	160'±
	A2	LTE 700/850/1900/AWS	(P) JAHH-65B-R3B	ANDREW	(P) B2/B66A RRH RFV01U-D1A (P) B5/B13 RRH RFV01U-D2A	85'-0"±	30°			
	A3	LTE 700/850/1900/AWS	(P) JAHH-65B-R3B	ANDREW		85'-0"±	30°			
BETA	B1	5G	(P) MT6407-77A	SAMSUNG	–	85'-0"±	150°			
	B2	LTE 700/850/1900/AWS	(P) JAHH-65B-R3B	ANDREW	(P) B2/B66A RRH RFV01U-D1A (P) B5/B13 RRH RFV01U-D2A	85'-0"±	150°			
	B3	LTE 700/850/1900/AWS	(P) JAHH-65B-R3B	ANDREW		85'-0"±	150°			
GAMMA	G1	5G	(P) MT6407-77A	SAMSUNG	–	85'-0"±	270°			
	G2	LTE 700/850/1900/AWS	(P) JAHH-65B-R3B	ANDREW	(P) B2/B66A RRH RFV01U-D1A (P) B5/B13 RRH RFV01U-D2A	85'-0"±	270°			
	G3	LTE 700/850/1900/AWS	(P) JAHH-65B-R3B	ANDREW		85'-0"±	270°			

*CONTRACTOR TO FIELD VERIFY HYBRID CABLE LENGTHS PRIOR TO CONSTRUCTION. LENGTH IS ESTIMATED FROM THE BASE EQUIPMENT OVP TO SECTOR OVP.

(E) = Existing
(P) = PROPOSED

FINAL EQUIPMENT CONFIGURATION (1)
SCALE: N.T.S.

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VERIZON WIRELESS
20 ALEXANDER DRIVE
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CONSTRUCTION DRAWINGS		
2	10/03/22	FOR SUBMITTAL
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0	07/14/22	FOR SUBMITTAL

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28971
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PROFESSIONAL ENGINEER

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467406

SITE ADDRESS

1363 BOSTON POST ROAD
OLD SAYBROOK, CT 06475

SHEET TITLE

FINAL EQUIPMENT CONFIGURATION

SHEET NUMBER

C-5

SAMSUNG

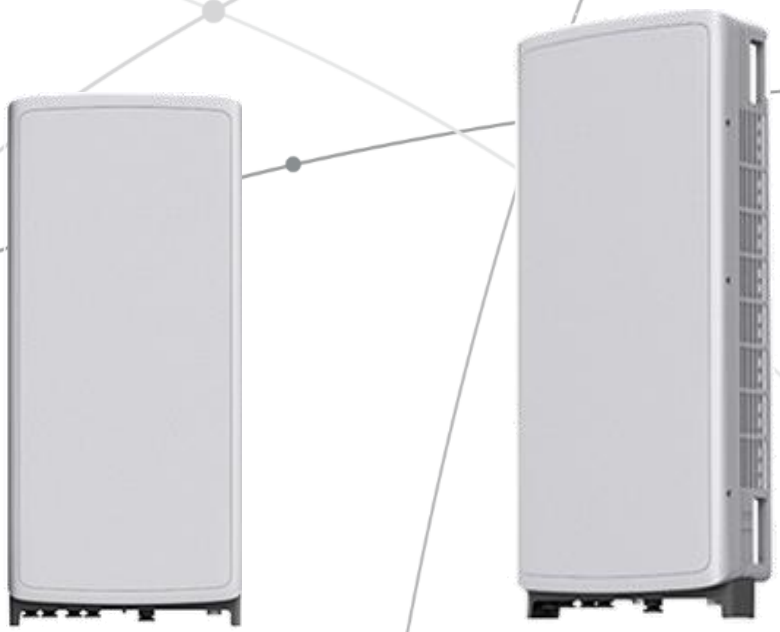
SAMSUNG

C-Band 64T64R Massive MIMO Radio

for High Capacity and Wide Coverage

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

Model Code : MT6407-77A

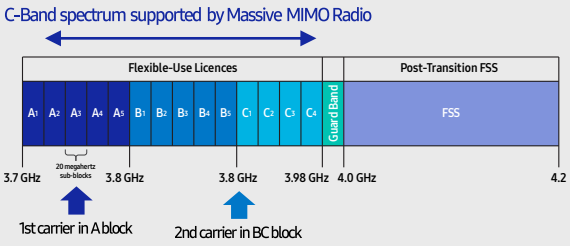


Points of Differentiation

Wide Bandwidth

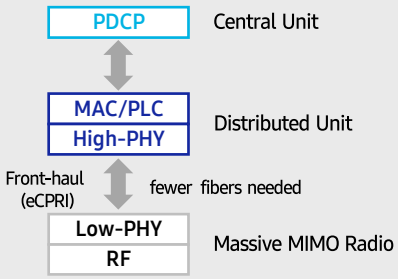
With capability to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

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



Future Proof Product

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



Enhanced Performance

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

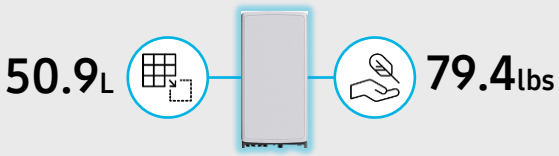
This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

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

Well Matched Design

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

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



Technical Specifications

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

SAMSUNG

About Samsung Electronics Co., Ltd.

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

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

SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

SAMSUNG

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

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

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

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

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

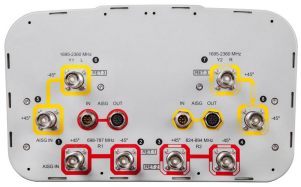
Features and Benefits

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

Key Technical Specifications

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

JAHH-65B-R3B



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

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

General Specifications

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

Remote Electrical Tilt (RET) Information, General

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

Dimensions

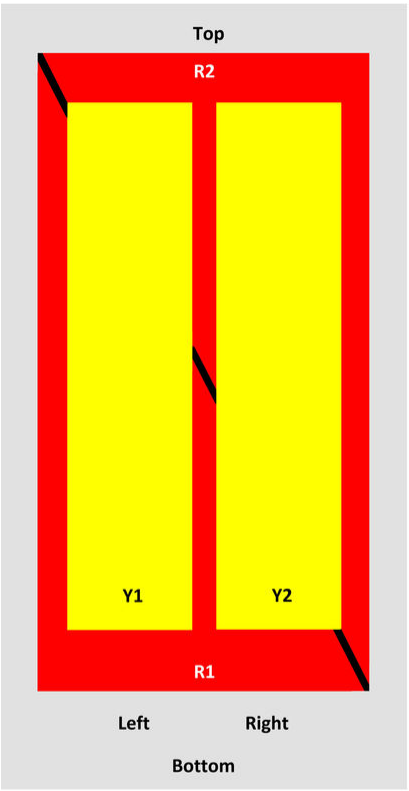
Width	350 mm | 13.78 in

JAHH-65B-R3B

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

Array Layout

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



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

View from the front of the antenna

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

Electrical Specifications

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

Remote Electrical Tilt (RET) Information, Electrical

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

JAHH-65B-R3B

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

Electrical Specifications

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

Electrical Specifications, BASTA

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

CPR at Sector, dB	11	12	11	11	11	8

Mechanical Specifications

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

Packaging and Weights

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

Regulatory Compliance/Certifications

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

Included Products

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

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance

ATTACHMENT 3

	General	Power	Density					
Site Name: Old Saybrook 2								
Tower Height: Verizon @ 85ft								
CARRIER	**# OF CHAN.**	**WATTS ERP**	**HEIGHT**	**CALC. POWER DENS**	**FREQ.**	**MAX. PERMISS. EXP.**	**FRACTION MPE**	**Total**
*DISH	4	859	75	600	0.2595	0.4000	6.49%	
*DISH	4	1648	75	1900	0.4979	1.0000	4.98%	
*DISH	4	1850	75	2100	0.5590	1.0000	5.59%	
*AT&T	1	500	97	700	0.0217	0.4667	0.47%	
*AT&T	1	500	97	1900	0.0217	1.0000	0.22%	
*AT&T	1	500	97	2300	0.0217	1.0000	0.22%	
*AT&T	2	500	97	880	0.0434	0.5867	0.74%	
*AT&T	1	500	97	1900	0.0217	1.0000	0.22%	
VZW 700	**4**	**648**	**85**	**0.0129**	**751**	**0.5007**	**2.58%**	
VZW Cellular	**4**	**742**	**85**	**0.0148**	**874**	**0.5827**	**2.54%**	
VZW PCS	**4**	**1630**	**85**	**0.0325**	**1975**	**1.0000**	**3.25%**	
VZW AWS	**4**	**1671**	**85**	**0.0333**	**2120**	**1.0000**	**3.33%**	
VZW CBAND	**2**	**13335**	**85**	**0.1328**	**3730.08**	**1.0000**	**13.28%**	
								43.89%
* Source: Siting Council								

ATTACHMENT 4

BST MANAGEMENT LLC
BST Management, LLC
325 Park Street, Suite 106
North Reading, MA 01864

GPD Engineering and Architecture Professional Corporation
Dan Palkovic
520 South Main Street, Suite 2531
Akron, OH 44311
(216) 927-8663
dpalkovic@gpdgroup.com

GPD# 2022703.54
June 28, 2022

COMPREHENSIVE STRUCTURAL ANALYSIS REPORT

SITE DESIGNATION:	**BST Site #:**	**CT-1263**
	BST Site Name:	**Old Saybrook, Boston Post Road**
	Verizon Site #:	**467406**
	Verizon Site Name:	**Old Saybrook 2 CT**
ANALYSIS CRITERIA:	**Codes:**	**TIA-222-H & 2018 Connecticut State Building Code** **125 mph (3-second gust) w/ 0" ice** **50 mph (3-second gust) w/ 1" ice**
SITE DATA:		**1363 Boston Post Road, Old Saybrook, CT 06475, Middlesex County** **Latitude 41° 17' 23.27" N, Longitude 72° 24' 21.398" W** **99' Sabre Monopole**

To whom it may concern,

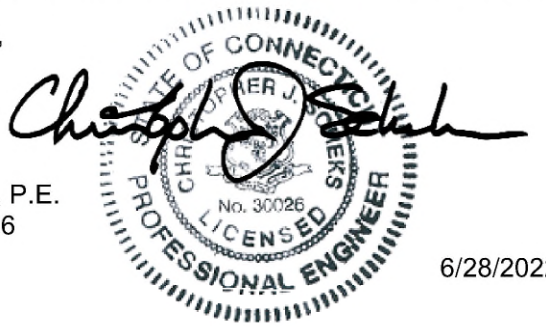
GPD is pleased to submit this Comprehensive Structural Analysis Report to determine the structural integrity of the aforementioned tower. The purpose of the analysis is to determine the suitability of the tower with the existing and proposed loading configuration detailed in the analysis report.

Analysis Results

Tower Stress Level with Proposed Equipment:	52.7%	Pass
Foundation Ratio with Proposed Equipment:	73.6%	Pass

We at GPD appreciate the opportunity of providing our continuing professional services to you and BST Management, LLC. If you have any questions or need further assistance on this or any other projects please do not hesitate to call.

Respectfully submitted,



Christopher J. Scheks, P.E.
Connecticut #: 0030026

6/28/2022

SUMMARY & RESULTS

The purpose of this analysis was to verify whether the existing structure is capable of carrying the proposed loading configuration as specified by Verizon Wireless and commissioned by BST Management, LLC.

This analysis has been performed in accordance with the TIA-222-H Standard based upon a 3-second gust wind speed of 125 mph. Applicable Standard references and design criteria are listed in Appendices A & B.

The proposed feedlines shall be installed as shown in Appendices A & B for the analysis results to be valid.

TOWER SUMMARY AND RESULTS

Member	Capacity	Results
Monopole	52.7%	Pass
Anchor Rods	41.1%	Pass
Base Plate	47.0%	Pass
Foundation	73.6%	Pass

RECOMMENDATIONS

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

ANALYSIS METHOD

tnxTower (Version 8.1.1.0), a commercially available software program, was used to create a three-dimensional model of the tower and calculate primary member stresses for various load cases. Selected output from the analysis is included the report appendices. The following table details the information provided to complete this structural analysis. This analysis is solely based on this information.

DOCUMENTS PROVIDED

Document	Remarks	Source
Colocation Application	CT-1263 VZW Colocation Application, dated 5/25/2022	BST Management
Tower Design	Sabre Job #: 49722, dated 9/22/2011	GPD
Foundation Design	Sabre Job #: 49722, dated 9/22/2011	GPD
Geotechnical Report	Dr. Clarence Welti, P.E., P.C., dated 6/1/2011	GPD
Previous Tower Analysis	GPD Job #: 2022701.78, dated 2/1/2022	GPD

ASSUMPTIONS

This structural analysis is based on the theoretical capacity of the members and is not a condition assessment of the tower. This analysis is from information supplied, and therefore, its results are based on and are as accurate as that supplied data. GPD has made no independent determination, nor is it required to, of its accuracy. The following assumptions were made for this structural analysis.

1. The tower member sizes and shapes are considered accurate as supplied. The material grade is as per data supplied and/or as assumed and as stated in the materials section.
2. The appurtenance configuration is as supplied, determined from available photos, and/or as modeled in the analysis. It is assumed to be complete and accurate. All antennas, mounts, coax and waveguides are assumed to be properly installed and supported as per manufacturer requirements.
3. All mounts, if applicable, are considered adequate to support the loading. No actual analysis of the mount(s) is performed. This analysis is limited to analyzing the tower only.
4. The soil parameters are as per data supplied or as assumed and stated in the calculations.
5. Foundations are properly designed and constructed to resist the original design loads indicated in the documents provided.
6. The tower and structures have been properly maintained in accordance with TIA Standards and/or with manufacturer's specifications.
7. All welds and connections are assumed to develop at least the member capacity unless determined otherwise and explicitly stated in this report.
8. All prior structural modifications, if applicable, are assumed to be as per data supplied/available and to have been properly installed.
9. Loading interpreted from photos is accurate to ±5' AGL, antenna size accurate to ±3.3 sf, and coax equal to the number of existing antennas without reserve.
10. All existing and proposed loading has been taken from the available site photos as well as documents supplied to GPD at the time of generating this report. All such documents are listed in the Documents Provided Table and are assumed to be accurate. GPD is not responsible for loading scenarios outside those conveyed in the supplied documentation.

If any of these assumptions are not valid or have been made in error, this analysis may be affected, and GPD should be allowed to review any new information to determine its effect on the structural integrity of the tower.

DISCLAIMER OF WARRANTIES

GPD has not performed a site visit to the tower to verify the member sizes or antenna/coax loading. If the existing conditions are not as represented on the tower elevation contained in this report, we should be contacted immediately to evaluate the significance of the discrepancy. This is not a condition assessment of the tower or foundation. This report does not replace a full tower inspection. The tower and foundations are assumed to have been properly fabricated, erected, maintained, in good condition, twist free, and plumb.

The engineering services rendered by GPD in connection with this Comprehensive Structural Analysis are limited to a computer analysis of the tower structure and theoretical capacity of its main structural members. No allowance was made for any damaged, bent, missing, loose, or rusted members (above and below ground). No allowance was made for loose bolts or cracked welds.

This analysis is limited to the designated maximum wind and seismic conditions per the governing tower standards and code. Wind forces resulting in tower vibrations near the structure's resonant frequencies were not considered in this analysis and are outside the scope of this analysis. Lateral loading from any dynamic response was not evaluated under a time-domain based fatigue analysis.

GPD does not analyze the fabrication of the structure (including welding). It is not possible to have all the very detailed information needed to perform a thorough analysis of every structural sub-component and connection of an existing tower. GPD provides a limited scope of service in that we cannot verify the adequacy of every weld, plate connection detail, etc. The purpose of this report is to assess the capability of adding appurtenances usually accompanied by transmission lines to the structure.

It is the owner's responsibility to determine the amount of ice accumulation in excess of the code specified amount, if any, that should be considered in the structural analysis.

The attached sketches are a schematic representation of the analyzed tower. If any material is fabricated from these sketches, the contractor shall be responsible for field verifying the existing conditions, proper fit, and clearance in the field. Any mentions of structural modifications are reasonable estimates and should not be used as a precise construction document. Precise modification drawings are obtainable from GPD, but are beyond the scope of this report.

Miscellaneous items such as antenna mounts, etc., have not been designed or detailed as a part of our work. We recommend that material of adequate size and strength be purchased from a reputable tower manufacturer.

Towers are designed to carry gravity, wind, and ice loads. All members, legs, diagonals, struts, and redundant members provide structural stability to the tower with little redundancy. Absence or removal of a member can trigger catastrophic failure unless a substitute is provided before any removal. Legs carry axial loads and derive their strength from shorter unbraced lengths by the presence of redundant members and their connection to the diagonals with bolts or welds. If the bolts or welds are removed without providing any substitute to the frame, the leg is subjected to a higher unbraced length that immediately reduces its load carrying capacity. If a diagonal is also removed in addition to the connection, the unbraced length of the leg is greatly increased, jeopardizing its load carrying capacity. Failure of one leg can result in a tower collapse because there is no redundancy. Redundant members and diagonals are critical to the stability of the tower.

GPD makes no warranties, expressed and/or implied, in connection with this report and disclaims any liability arising from material, fabrication, and erection of this tower. GPD will not be responsible whatsoever for, or on account of, consequential or incidental damages sustained by any person, firm, or organization as a result of any data or conclusions contained in this report. The maximum liability of GPD pursuant to this report will be limited to the total fee received for preparation of this report.

APPENDIX A

Tower Analysis Summary Form

Tower Analysis Summary Form

General Info

Site Name	Old Saybrook, Boston Post Road (CT-1263)
Site Number	105130
FA Number	10133875
Date of Analysis	6/28/2022
Company Performing Analysis	GPD

The information contained in this summary report is not to be used independently from the PE stamped tower analysis.

Tower Info	Description	Date
Tower Type (G, SST, MP)	MP	
Tower Height (top of steel AGL)	99'	
Tower Manufacturer	n/a	
Tower Model	n/a	
Tower Design	Sabre Job #: 49722	9/22/2011
Foundation Design	Sabre Job #: 49722	9/22/2011
Geotechnical Report	Dr. Clarence Welti, P.E., P.C.	6/1/2011
Previous Tower Analysis	GPD Job #: 2022701.78	2/1/2022

Design Parameters	
Design Code Used	TIA-222-H
Location of Tower (County, State)	Middlesex, CT
Wind Speed (mph)	125 (3-second gust)
Ice Thickness (in)	1
Risk Category (I, II, III)	II
Exposure Category (B, C, D)	B
Topographic Category (1 to 5)	1

Analysis Results (% Maximum Usage)

Existing/Reserved + Future + Proposed Condition	
Tower (%)	52.7%
Tower Base (%)	47.0%
Foundation (%)	73.6%
Foundation Adequate?	Yes

Existing / Reserved Loading

Antenna								Mount			Transmission Line			
Antenna Owner	Mount Height (ft)	Antenna CL (ft)	Quantity	Type	Manufacturer	Model	Azimuth	Quantity	Manufacturer	Type	Quantity	Model	Size	Attachment Int/Ext
AT&T Mobility	97	97	3	Panel	KMW	AM-X-CD-16-65-00T-RET	40/150/270	6	Site Pro	12.5' T-Arms	6	Unknown	1-5/8"	Internal
AT&T Mobility	97	97	9	Panel	CCI Antennas	HPA-65R-BUU-H6	40/150/270			on the same mount	6	DC Cable	15.4 mm	Internal
AT&T Mobility	97	97	3	TMA	CCI	DTMABP7819VG12A				on the same mount	1	Fiber Cable	10 mm	Internal
AT&T Mobility	97	97	6	RRH	Ericsson	RRUS 11				on the same mount				
AT&T Mobility	97	97	6	RRH	Ericsson	RRUS 12				on the same mount				
AT&T Mobility	97	97	3	RRH	Ericsson	RRUS E2				on the same mount				
AT&T Mobility	97	97	3	RRH	Ericsson	RRUS 32				on the same mount				
AT&T Mobility	97	97	6	RRH	Ericsson	KRC 161 286-1 (A2 Module)				on the same mount				
AT&T Mobility	97	97	3	Surge	Raycap	DC6-48-60-18-8F				on the same mount				
Verizon	85	85	3*	Panel	Commscope	LNX-6513DS-VTM	30/150/270	1	Unknown	14.33' Platform	2	Unknown	1-5/8"	Internal
Verizon	85	85	6*	Panel	Commscope	SBNHH-1D65B	30/150/270	3*	Commscope	BSAMNT-SBS-1-2				
Verizon	85	85	3*	RRH	Nokia	UHBA B13 RRH 4x30				on the same mount				
Verizon	85	85	3*	RRH	Nokia	UHIE B66A RRH 4x45				on the same mount				
Verizon	85	85	2	Surge	RFS	DB-B1-6C-12AB-0Z				on the same mount				
Dish Wireless	75	75	3	Panel	JMA	MX08FRO665-20_V0F	0/120/240	3	Commscope	MC-K6M-9-96	1	Hybrid	1.60"	Internal
Dish Wireless	75	75	6	RRH	Fujitsu	TA08025-B605				on the same mounts				
Dish Wireless	75	75	1	Surge	Raycap	RDIDC-9181-PF-48				on the same mounts				

*Indicates equipment/feedline quantity to be removed.

Proposed Loading

Antenna								Mount			Transmission Line			
Antenna Owner	Mount Height (ft)	Antenna CL (ft)	Quantity	Type	Manufacturer	Model	Azimuth	Quantity	Manufacturer	Type	Quantity	Model	Size	Attachment Int/Ext
Verizon	85	85	6	Panel	Andrew	JAHH-65B-R3B	30/150/270	3	Commscope	BSAMNT-SBS-2-2				
Verizon	85	85	3	Panel	Samsung	MT6407-77A	30/150/270	1	VZWSMART	PLK5 Kicker Kit				
Verizon	85	85	3	Diplexer	Commscope	CBC78T-DS-43-2X		1	VZWSMART	PLK7 Collar Mount				
Verizon	85	85	3	RRH	Samsung	B2/B66A RRH-BR049 (RFV01U-D2A)		3	Unknown	Support Rail				
Verizon	85	85	3	RRH	Samsung	B5/B13 RRH-BR04C (RFV01U-D2A)		3	Unknown	Support Rail Bracing				

Note: The proposed loading shall be in addition to the remaining existing equipment at the same elevation.

APPENDIX B

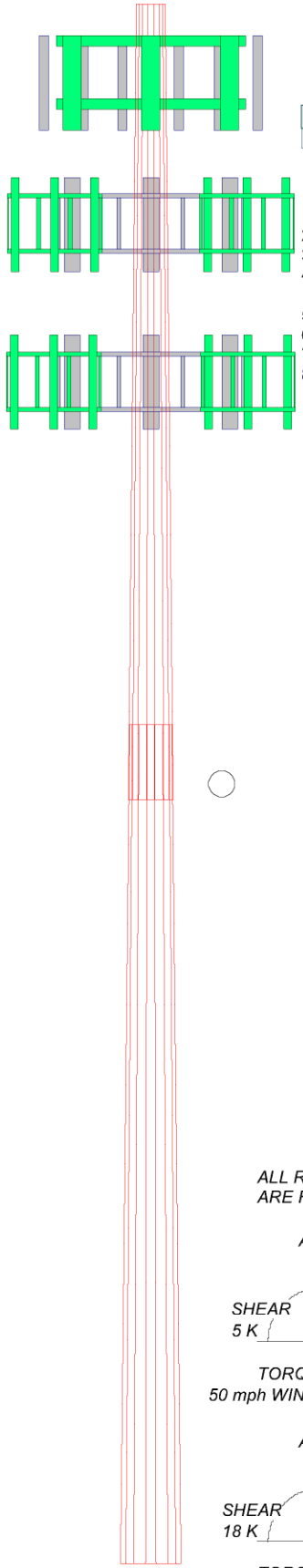
Tower Analysis Output File

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	50.50	18	0.2500	4.75	22.1400	34.1500	A572-65	3.8
2	53.25	18	0.3125		32.5203	45.2000		6.9
								10.7

99.0 ft

48.5 ft

0.0 ft



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Middlesex County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 125 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 52.7%

ALL REACTIONS ARE FACTORED

AXIAL 39 K

SHEAR 5 K — *MOMENT 333 kip-ft*

TORQUE 0 kip-ft
50 mph WIND - 1.0000 in ICE

AXIAL 25 K

SHEAR 18 K — *MOMENT 1387 kip-ft*

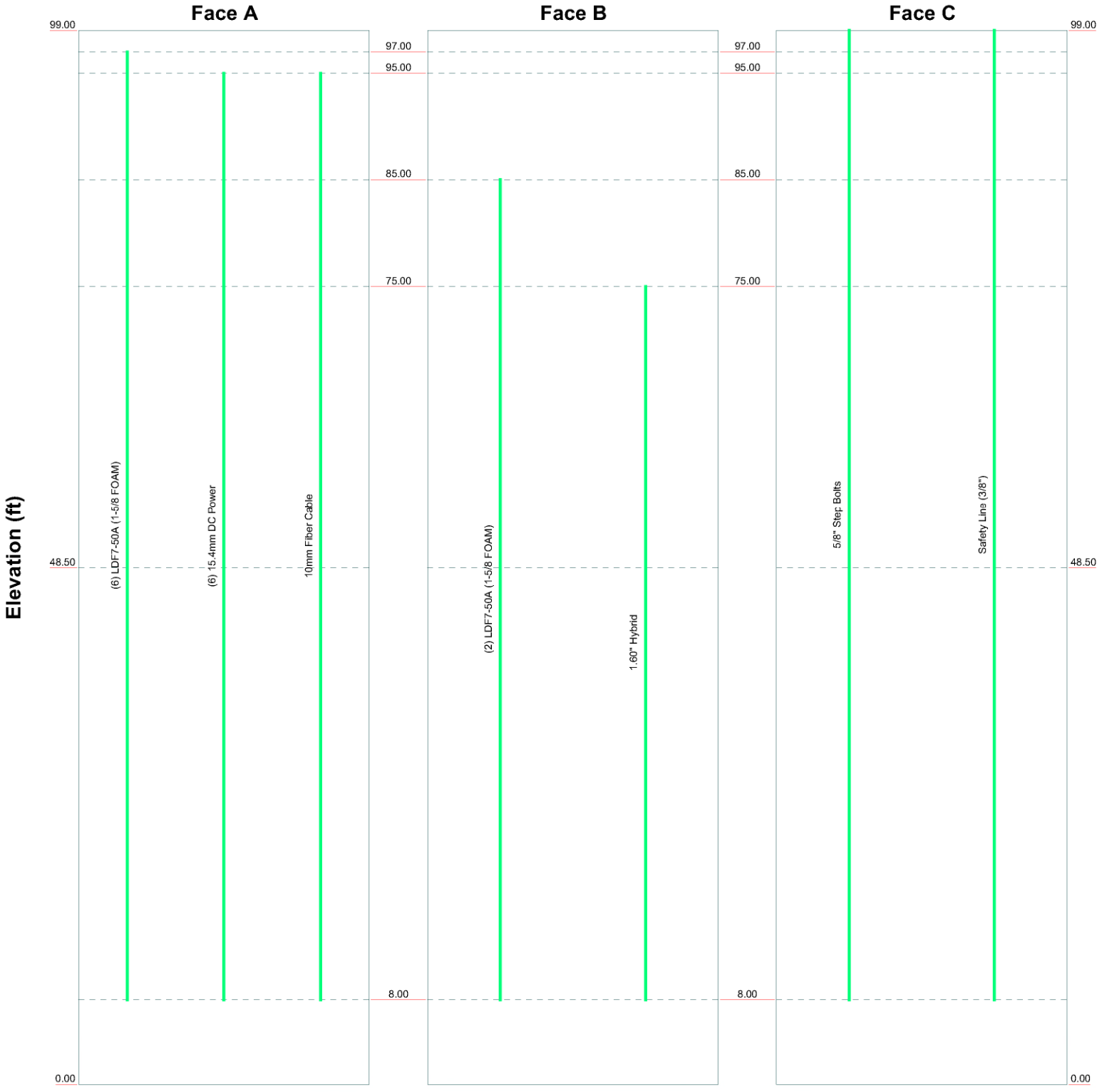
TORQUE 0 kip-ft
REACTIONS - 125 mph WIND

GPD
520 South Main Street Suite 2531
Akron, Ohio 44311
Phone: (330) 572-2100
FAX: (330) 572-2101

Job:	***CT1263 / OLD SAYBROOK BOSTON POST RD***		
Project:	***2022703.54***		
Client: BST Management, LLC		Drawn by: clifke	App'd:
Code: TIA-222-H		Date: 06/28/22	Scale: NTS
Path: T:\ATandT\105130\06 2022703.54 BST SA\5_Structural\00_Structure\00_Rev 0\03_Modeling\105130.eri			Dwg No. E-1

Feed Line Distribution Chart
0' - 99'

Round | Flat | App In Face | App Out Face | Truss Leg

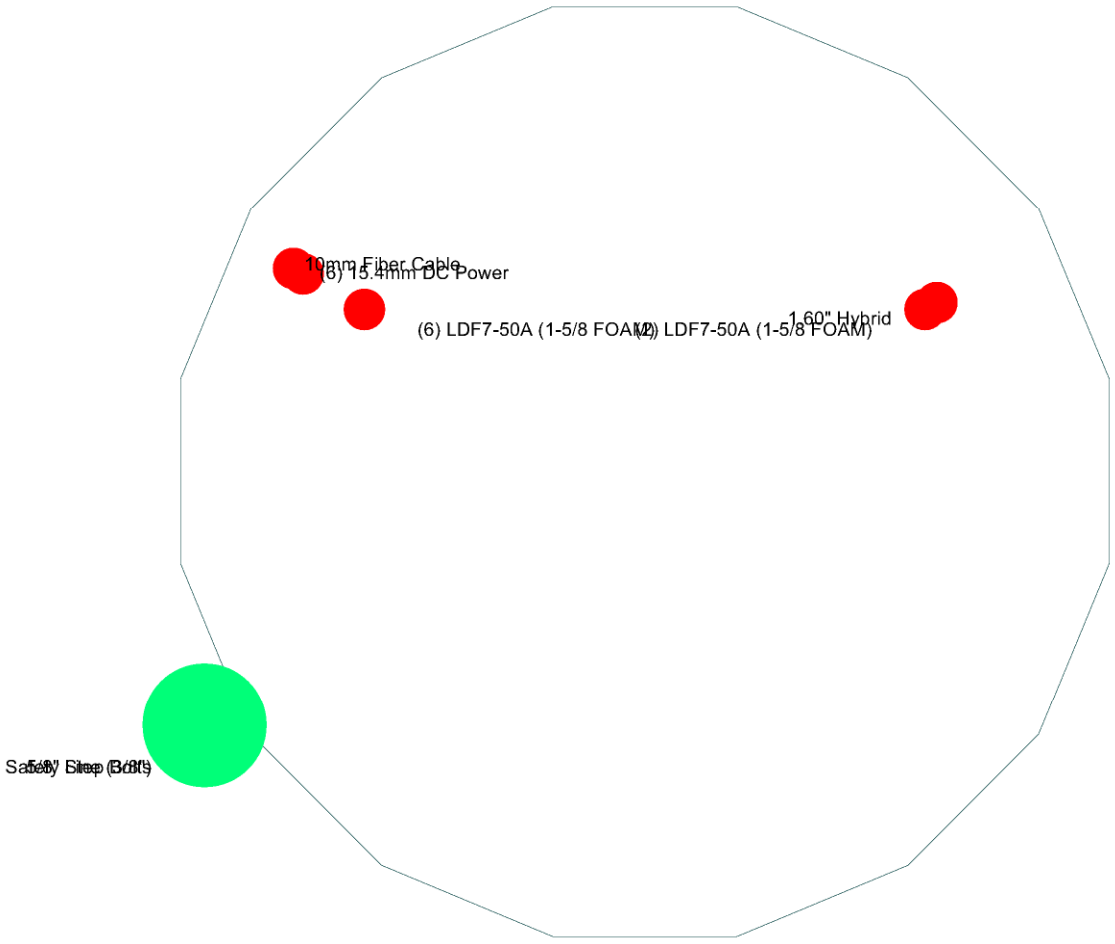


GPD
520 South Main Street Suite 2531
Akron, Ohio 44311
Phone: (330) 572-2100
FAX: (330) 572-2101

Job: CT1263 / OLD SAYBROOK BOSTON POST RD		
Project: 2022703.54		
Client: BST Management, LLC	Drawn by: clifke	App'd:
Code: TIA-222-H	Date: 06/28/22	Scale: NTS
Path: T:\ATandT\105130\06 2022703.54 BST SA\5_Structural\00_Structure\00_Rev 0\03_Modeling\105130.eri		Dwg No. E-7

Feed Line Plan

Round Flat App In Face App Out Face



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Client: BST Management, LLC	Drawn by: clifke	App'd:
Code: TIA-222-H	Date: 06/28/22	Scale: NTS
Path: T:\ATandT\105130\06 2022703.54 BST SA\5_Structural\00_Structure\00_Rev 0\03_Modeling\105130.eri		Dwg No. E-7

Tower Input Data

The tower is a monopole.
This tower is designed using the TIA-222-H standard.
The following design criteria apply:

Tower is located in Middlesex County, Connecticut.
Tower base elevation above sea level: 8.00 ft.
Basic wind speed of 125 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.0000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	*Elevation*	*Section Length*	*Splice Length*	*Number of Sides*	*Top Diameter*	*Bottom Diameter*	*Wall Thickness*	*Bend Radius*	*Pole Grade*
	ft	*ft*	*ft*		*in*	*in*	*in*	*in*	
L1	99.00-48.50	50.50	4.75	18	22.1400	34.1500	0.2500	1.0000	A572-65

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L2	48.50-0.00	53.25		18	32.5203	45.2000	0.3125	1.2500	(65 ksi) A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	22.4430	17.3697	1051.5300	7.7710	11.2471	93.4933	2104.4436	8.6865	3.4566	13.827
	34.6383	26.8996	3905.5615	12.0345	17.3482	225.1278	7816.2619	13.4524	5.5704	22.282
L2	34.1223	31.9462	4186.7736	11.4338	16.5203	253.4315	8379.0563	15.9761	5.1736	16.555
	45.8491	44.5228	11333.6722	15.9351	22.9616	493.5924	22682.2576	22.2656	7.4052	23.697

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 99.00-48.50				1	1	1			
L2 48.50-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
5/8" Step Bolts	C	No	No	CaAa (Out Of Face)	99.00 - 8.00	1	No Ice	0.04	1.00
							1/2" Ice	0.14	1.56
							1" Ice	0.24	2.73
Safety Line (3/8")	C	No	No	CaAa (Out Of Face)	99.00 - 8.00	1	No Ice	0.04	0.22
							1/2" Ice	0.14	0.75
							1" Ice	0.24	1.28
****									
LDF7-50A (1-5/8 FOAM)	A	No	No	Inside Pole	97.00 - 8.00	6	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
15.4mm DC Power	A	No	No	Inside Pole	95.00 - 8.00	6	No Ice	0.00	0.50
							1/2" Ice	0.00	0.50
							1" Ice	0.00	0.50
10mm Fiber Cable	A	No	No	Inside Pole	95.00 - 8.00	1	No Ice	0.00	0.10
							1/2" Ice	0.00	0.10
							1" Ice	0.00	0.10
****									
LDF7-50A (1-5/8 FOAM)	B	No	No	Inside Pole	85.00 - 8.00	2	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
****									
1.60" Hybrid	B	No	No	Inside Pole	75.00 - 8.00	1	No Ice	0.00	0.85
							1/2" Ice	0.00	0.85
							1" Ice	0.00	0.85

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	99.00-48.50	A	0.000	0.000	0.000	0.000	0.38
		B	0.000	0.000	0.000	0.000	0.08
		C	0.000	0.000	0.000	3.998	0.06
L2	48.50-0.00	A	0.000	0.000	0.000	0.000	0.32
		B	0.000	0.000	0.000	0.000	0.10
		C	0.000	0.000	0.000	3.206	0.05

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	99.00-48.50	A	1.082	0.000	0.000	0.000	0.000	0.38
		B		0.000	0.000	0.000	0.000	0.08
		C		0.000	0.000	0.000	25.854	0.22
L2	48.50-0.00	A	0.966	0.000	0.000	0.000	0.000	0.32
		B		0.000	0.000	0.000	0.000	0.10
		C		0.000	0.000	0.000	20.735	0.18

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	99.00-48.50	-0.6116	0.3531	-1.8756	1.0829
L2	48.50-0.00	-0.5086	0.2936	-1.6680	0.9630

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

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
T-Arm Mount [TA 602-3]	A	None		0.0000	97.00	No Ice	13.40	13.40	0.77
						1/2" Ice	16.44	16.44	1.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice	19.70	19.70	1.29
T-Arm Mount [TA 602-3]	A	None		0.0000	93.00	No Ice	13.40	13.40	0.77
						1/2" Ice	16.44	16.44	1.00
						1" Ice	19.70	19.70	1.29
AM-X-CD-16-65-00T-RET	A	From Face	4.00	0.0000	97.00	No Ice	8.31	6.65	0.09
w/ Mount Pipe			0.00			1/2" Ice	8.85	7.68	0.16
			-3.00			1" Ice	9.37	8.56	0.23
AM-X-CD-16-65-00T-RET	B	From Face	4.00	0.0000	97.00	No Ice	8.31	6.65	0.09
w/ Mount Pipe			0.00			1/2" Ice	8.85	7.68	0.16
			-3.00			1" Ice	9.37	8.56	0.23
AM-X-CD-16-65-00T-RET	C	From Face	4.00	0.0000	97.00	No Ice	8.31	6.65	0.09
w/ Mount Pipe			0.00			1/2" Ice	8.85	7.68	0.16
			-3.00			1" Ice	9.37	8.56	0.23
(3) HPA-65R-BUU-H6 w/	A	From Face	4.00	0.0000	97.00	No Ice	9.90	8.11	0.08
Mount Pipe			0.00			1/2" Ice	10.47	9.30	0.16
			-3.00			1" Ice	11.01	10.21	0.25
(3) HPA-65R-BUU-H6 w/	B	From Face	4.00	0.0000	97.00	No Ice	9.90	8.11	0.08
Mount Pipe			0.00			1/2" Ice	10.47	9.30	0.16
			-3.00			1" Ice	11.01	10.21	0.25
(3) HPA-65R-BUU-H6 w/	C	From Face	4.00	0.0000	97.00	No Ice	9.90	8.11	0.08
Mount Pipe			0.00			1/2" Ice	10.47	9.30	0.16
			-3.00			1" Ice	11.01	10.21	0.25
DTMABP7819VG12A	A	From Face	4.00	0.0000	97.00	No Ice	1.00	0.41	0.02
			0.00			1/2" Ice	1.13	0.51	0.03
			-3.00			1" Ice	1.27	0.61	0.04
DTMABP7819VG12A	B	From Face	4.00	0.0000	97.00	No Ice	1.00	0.41	0.02
			0.00			1/2" Ice	1.13	0.51	0.03
			-3.00			1" Ice	1.27	0.61	0.04
DTMABP7819VG12A	C	From Face	4.00	0.0000	97.00	No Ice	1.00	0.41	0.02
			0.00			1/2" Ice	1.13	0.51	0.03
			-3.00			1" Ice	1.27	0.61	0.04
(2) RRUS 11	A	From Face	4.00	0.0000	97.00	No Ice	2.78	1.19	0.05
			0.00			1/2" Ice	2.99	1.33	0.07
			-3.00			1" Ice	3.21	1.49	0.10
(2) RRUS 11	B	From Face	4.00	0.0000	97.00	No Ice	2.78	1.19	0.05
			0.00			1/2" Ice	2.99	1.33	0.07
			-3.00			1" Ice	3.21	1.49	0.10
(2) RRUS 11	C	From Face	4.00	0.0000	97.00	No Ice	2.78	1.19	0.05
			0.00			1/2" Ice	2.99	1.33	0.07
			-3.00			1" Ice	3.21	1.49	0.10
(2) RRUS 12	A	From Face	4.00	0.0000	97.00	No Ice	3.15	1.29	0.06
			0.00			1/2" Ice	3.36	1.44	0.08
			-3.00			1" Ice	3.59	1.60	0.11
(2) RRUS 12	B	From Face	4.00	0.0000	97.00	No Ice	3.15	1.29	0.06
			0.00			1/2" Ice	3.36	1.44	0.08
			-3.00			1" Ice	3.59	1.60	0.11
(2) RRUS 12	C	From Face	4.00	0.0000	97.00	No Ice	3.15	1.29	0.06
			0.00			1/2" Ice	3.36	1.44	0.08
			-3.00			1" Ice	3.59	1.60	0.11
RRUS E2	A	From Face	4.00	0.0000	97.00	No Ice	3.15	1.29	0.06
			0.00			1/2" Ice	3.36	1.44	0.08
			-3.00			1" Ice	3.59	1.60	0.11
RRUS E2	B	From Face	4.00	0.0000	97.00	No Ice	3.15	1.29	0.06
			0.00			1/2" Ice	3.36	1.44	0.08
			-3.00			1" Ice	3.59	1.60	0.11
RRUS E2	C	From Face	4.00	0.0000	97.00	No Ice	3.15	1.29	0.06
			0.00			1/2" Ice	3.36	1.44	0.08

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			-3.00			1" Ice	3.59	1.60	0.11
RRUS 32	A	From Face	4.00	0.0000	97.00	No Ice	3.31	2.42	0.08
			0.00			1/2" Ice	3.56	2.64	0.10
			-3.00			1" Ice	3.81	2.86	0.14
RRUS 32	B	From Face	4.00	0.0000	97.00	No Ice	3.31	2.42	0.08
			0.00			1/2" Ice	3.56	2.64	0.10
			-3.00			1" Ice	3.81	2.86	0.14
RRUS 32	C	From Face	4.00	0.0000	97.00	No Ice	3.31	2.42	0.08
			0.00			1/2" Ice	3.56	2.64	0.10
			-3.00			1" Ice	3.81	2.86	0.14
(2) KRC 161 286-1 (A2 Module)	A	From Face	4.00	0.0000	97.00	No Ice	1.87	0.43	0.02
			0.00			1/2" Ice	2.05	0.54	0.03
			-3.00			1" Ice	2.24	0.66	0.04
(2) KRC 161 286-1 (A2 Module)	B	From Face	4.00	0.0000	97.00	No Ice	1.87	0.43	0.02
			0.00			1/2" Ice	2.05	0.54	0.03
			-3.00			1" Ice	2.24	0.66	0.04
(2) KRC 161 286-1 (A2 Module)	C	From Face	4.00	0.0000	97.00	No Ice	1.87	0.43	0.02
			0.00			1/2" Ice	2.05	0.54	0.03
			-3.00			1" Ice	2.24	0.66	0.04
DC6-48-60-18-8F Surge Suppression Unit	A	From Face	1.00	0.0000	95.00	No Ice	0.92	0.92	0.02
			0.00			1/2" Ice	1.46	1.46	0.04
			0.00			1" Ice	1.64	1.64	0.06
DC6-48-60-18-8F Surge Suppression Unit	B	From Face	1.00	0.0000	95.00	No Ice	0.92	0.92	0.02
			0.00			1/2" Ice	1.46	1.46	0.04
			0.00			1" Ice	1.64	1.64	0.06
DC6-48-60-18-8F Surge Suppression Unit	C	From Face	1.00	0.0000	95.00	No Ice	0.92	0.92	0.02
			0.00			1/2" Ice	1.46	1.46	0.04
			0.00			1" Ice	1.64	1.64	0.06
****									
14.33' Platform [LP 302-1_KCKR]	A	None		0.0000	85.00	No Ice	37.79	37.79	1.98
						1/2" Ice	47.89	47.89	2.68
						1" Ice	57.78	57.78	3.55
(2) JAHH-65B-R3B	A	From Centroid-Face	4.00	0.0000	85.00	No Ice	9.11	5.98	0.06
			0.00			1/2" Ice	9.58	6.44	0.12
			0.00			1" Ice	10.05	6.91	0.18
(2) JAHH-65B-R3B	B	From Centroid-Face	4.00	0.0000	85.00	No Ice	9.11	5.98	0.06
			0.00			1/2" Ice	9.58	6.44	0.12
			0.00			1" Ice	10.05	6.91	0.18
(2) JAHH-65B-R3B	C	From Centroid-Face	4.00	0.0000	85.00	No Ice	9.11	5.98	0.06
			0.00			1/2" Ice	9.58	6.44	0.12
			0.00			1" Ice	10.05	6.91	0.18
MT6407-77A	A	From Centroid-Face	4.00	0.0000	85.00	No Ice	4.69	1.84	0.08
			0.00			1/2" Ice	4.98	2.06	0.11
			0.00			1" Ice	5.28	2.29	0.14
MT6407-77A	B	From Centroid-Face	4.00	0.0000	85.00	No Ice	4.69	1.84	0.08
			0.00			1/2" Ice	4.98	2.06	0.11
			0.00			1" Ice	5.28	2.29	0.14
MT6407-77A	C	From Centroid-Face	4.00	0.0000	85.00	No Ice	4.69	1.84	0.08
			0.00			1/2" Ice	4.98	2.06	0.11
			0.00			1" Ice	5.28	2.29	0.14
B2/B66A RRH-BR049	A	From Centroid-Face	4.00	0.0000	85.00	No Ice	1.88	1.25	0.08
			0.00			1/2" Ice	2.05	1.39	0.10
			0.00			1" Ice	2.22	1.54	0.12
B2/B66A RRH-BR049	B	From Centroid-Face	4.00	0.0000	85.00	No Ice	1.88	1.25	0.08
			0.00			1/2" Ice	2.05	1.39	0.10
			0.00			1" Ice	2.22	1.54	0.12
B2/B66A RRH-BR049	C	From	4.00	0.0000	85.00	No Ice	1.88	1.25	0.08

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
		Centroid-Face	0.00	0.00			1/2" Ice	2.05	1.39	0.10
							1" Ice	2.22	1.54	0.12
B5/B13 RRH-BR04C	A	From Centroid-Face	4.00	0.00	0.0000	85.00	No Ice	1.88	1.01	0.07
			0.00				1/2" Ice	2.05	1.14	0.09
			0.00				1" Ice	2.22	1.28	0.11
B5/B13 RRH-BR04C	B	From Centroid-Face	4.00	0.00	0.0000	85.00	No Ice	1.88	1.01	0.07
			0.00				1/2" Ice	2.05	1.14	0.09
			0.00				1" Ice	2.22	1.28	0.11
B5/B13 RRH-BR04C	C	From Centroid-Face	4.00	0.00	0.0000	85.00	No Ice	1.88	1.01	0.07
			0.00				1/2" Ice	2.05	1.14	0.09
			0.00				1" Ice	2.22	1.28	0.11
CBC78T-DS-43-2X	A	From Centroid-Face	4.00	0.00	0.0000	85.00	No Ice	0.37	0.51	0.02
			0.00				1/2" Ice	0.45	0.60	0.03
			0.00				1" Ice	0.53	0.70	0.04
CBC78T-DS-43-2X	B	From Centroid-Face	4.00	0.00	0.0000	85.00	No Ice	0.37	0.51	0.02
			0.00				1/2" Ice	0.45	0.60	0.03
			0.00				1" Ice	0.53	0.70	0.04
CBC78T-DS-43-2X	C	From Centroid-Face	4.00	0.00	0.0000	85.00	No Ice	0.37	0.51	0.02
			0.00				1/2" Ice	0.45	0.60	0.03
			0.00				1" Ice	0.53	0.70	0.04
DB-T1-6Z-8AB-0Z	A	From Centroid-Face	4.00	0.00	0.0000	85.00	No Ice	4.80	2.00	0.04
			0.00				1/2" Ice	5.07	2.19	0.08
			0.00				1" Ice	5.35	2.39	0.12
DB-T1-6Z-8AB-0Z	B	From Centroid-Face	4.00	0.00	0.0000	85.00	No Ice	4.80	2.00	0.04
			0.00				1/2" Ice	5.07	2.19	0.08
			0.00				1" Ice	5.35	2.39	0.12
****										
MC-K6M-9-96	A	None			0.0000	75.00	No Ice	12.56	12.56	0.73
							1/2" Ice	15.36	15.36	0.94
							1" Ice	18.04	18.04	1.21
(2) 8' x 2.375" Mount Pipe	A	From Centroid-Face	3.00	0.00	0.0000	75.00	No Ice	1.90	1.90	0.04
			0.00				1/2" Ice	2.73	2.73	0.05
			0.00				1" Ice	3.40	3.40	0.07
(2) 8' x 2.375" Mount Pipe	B	From Centroid-Face	3.00	0.00	0.0000	75.00	No Ice	1.90	1.90	0.04
			0.00				1/2" Ice	2.73	2.73	0.05
			0.00				1" Ice	3.40	3.40	0.07
(2) 8' x 2.375" Mount Pipe	C	From Centroid-Face	3.00	0.00	0.0000	75.00	No Ice	1.90	1.90	0.04
			0.00				1/2" Ice	2.73	2.73	0.05
			0.00				1" Ice	3.40	3.40	0.07
MX08FRO665-20_V0F w/ Mount Pipe	A	From Centroid-Face	3.00	0.00	0.0000	75.00	No Ice	12.96	7.77	0.08
			0.00				1/2" Ice	13.67	9.05	0.18
			0.00				1" Ice	14.34	10.19	0.28
MX08FRO665-20_V0F w/ Mount Pipe	B	From Centroid-Face	3.00	0.00	0.0000	75.00	No Ice	12.96	7.77	0.08
			0.00				1/2" Ice	13.67	9.05	0.18
			0.00				1" Ice	14.34	10.19	0.28
MX08FRO665-20_V0F w/ Mount Pipe	C	From Centroid-Face	3.00	0.00	0.0000	75.00	No Ice	12.96	7.77	0.08
			0.00				1/2" Ice	13.67	9.05	0.18
			0.00				1" Ice	14.34	10.19	0.28
(2) TA08025-B605	A	From Centroid-Face	3.00	0.00	0.0000	75.00	No Ice	1.96	1.13	0.08
			0.00				1/2" Ice	2.14	1.27	0.09
			0.00				1" Ice	2.32	1.41	0.11
(2) TA08025-B605	B	From Centroid-Face	3.00	0.00	0.0000	75.00	No Ice	1.96	1.13	0.08
			0.00				1/2" Ice	2.14	1.27	0.09
			0.00				1" Ice	2.32	1.41	0.11
(2) TA08025-B605	C	From Centroid-Face	3.00	0.00	0.0000	75.00	No Ice	1.96	1.13	0.08
			0.00				1/2" Ice	2.14	1.27	0.09
			0.00				1" Ice	2.32	1.41	0.11

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
RDIDC-9181-PF-48	A	From Centroid-Face	3.00 0.00 0.00	0.0000	75.00	No Ice 1/2" Ice 1" Ice	2.56 2.76 2.97	1.34 1.49 1.66	0.02 0.04 0.07
****									

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service

Comb. No.	Description
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	99 - 48.5	7.102	48	0.5761	0.0005
L2	53.25 - 0	2.184	48	0.3768	0.0002

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
97.00	T-Arm Mount [TA 602-3]	48	6.856	0.5687	0.0005	54502
95.00	DC6-48-60-18-8F Surge Suppression Unit	48	6.611	0.5612	0.0004	54502
93.00	T-Arm Mount [TA 602-3]	48	6.366	0.5537	0.0004	45418
85.00	14.33' Platform [LP 302-1_KCKR]	48	5.402	0.5231	0.0004	19465
75.00	MC-K6M-9-96	48	4.255	0.4825	0.0003	11354

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	99 - 48.5	34.548	20	2.8038	0.0023
L2	53.25 - 0	10.623	20	1.8335	0.0010

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
97.00	T-Arm Mount [TA 602-3]	20	33.353	2.7675	0.0022	11243
95.00	DC6-48-60-18-8F Surge Suppression Unit	20	32.160	2.7311	0.0022	11243
93.00	T-Arm Mount [TA 602-3]	20	30.970	2.6945	0.0021	9369
85.00	14.33' Platform [LP 302-1_KCKR]	20	26.278	2.5456	0.0018	4014

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
75.00	MC-K6M-9-96	20	20.697	2.3479	0.0016	2341

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	99 - 48.5 (1)	TP34.15x22.14x0.25	50.50	0.00	0.0	26.0033	-14.63	1521.19	0.010
L2	48.5 - 0 (2)	TP45.2x32.5203x0.3125	53.25	0.00	0.0	44.5228	-24.56	2604.58	0.009

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	99 - 48.5 (1)	TP34.15x22.14x0.25	496.26	1184.53	0.419	0.00	1184.53	0.000
L2	48.5 - 0 (2)	TP45.2x32.5203x0.3125	1387.50	2683.70	0.517	0.00	2683.70	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	99 - 48.5 (1)	TP34.15x22.14x0.25	15.24	456.36	0.033	0.24	1309.68	0.000
L2	48.5 - 0 (2)	TP45.2x32.5203x0.3125	18.23	781.38	0.023	0.15	3071.60	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	99 - 48.5 (1)	0.010	0.419	0.000	0.033	0.000	0.430 ✔	1.000	4.8.2 ✔
L2	48.5 - 0 (2)	0.009	0.517	0.000	0.023	0.000	0.527 ✔	1.000	4.8.2 ✔

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	99 - 48.5	Pole	TP34.15x22.14x0.25	1	-14.63	1521.19	43.0	Pass
L2	48.5 - 0	Pole	TP45.2x32.5203x0.3125	2	-24.56	2604.58	52.7	Pass
						Summary	ELC:	Existing + Proposed
						Pole (L2)	52.7	Pass
						Rating =	52.7	Pass

APPENDIX C

Additional Calculations

Anchor Rod and Base Plate Stresses, TIA-222-H-1

CT1263 / OLD SAYBROOK BOSTON POST RD

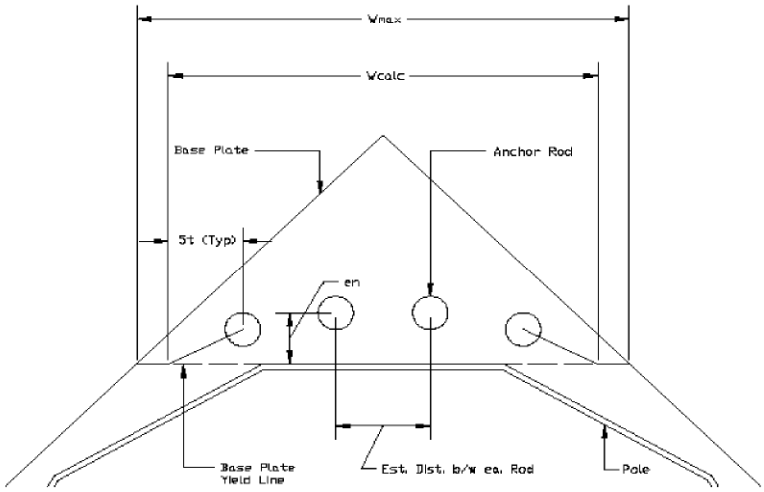
2022703.54

Overturning Moment =	1387.00	k*ft
Axial Force =	25.00	k
Shear Force =	18.00	k

Maximum Capacity	105%
Apply TIA-222-H Section 15.5?	No

Anchor Rods		
Pole Diameter =	45.2	in
Number of Rods =	12	
Rod Yield Strength, F_y =	75	ksi
Rod Ultimate Strength, F_u =	100	ksi
Rod Circle =	51.25	in
Rod Diameter =	2.25	in
Rod Projection, l_{ar} =	2.25	in
Is grout present?	No	
Max Tension on Rod, P_{ut} =	106.07	k
Max Compression on Rod, P_{uc} =	110.23	k
Shear on Rod, V_u =	1.50	k
Moment on Rod, M_u =	0.00	k-in
Tension Interaction =	**18.9%**	**OK**
Compression Interaction =	**41.1%**	**OK**

Base Plate		
Plate Yield Strength, F_y =	50	ksi
ϕ =	0.9	
Plate Thickness =	2.5	in
Plate Width =	49.75	in
Est. Dist. b/w ea. Rod =	6	in
w_{calc} =	36.92	in
w_{max} =	25.16	in
w =	25.16	in
Z =	39.31	in^3
M_u =	831.73	k-in
φM_n =	1768.86	k-in
Base Plate Capacity =	**47.0%**	**OK**



Pier and Pad Foundation

Site # :	CT1284
Site Name:	OLD SAYBROOK E

TIA-222 Revision:	H
Tower Type:	Monopole

Top & Bot. Pad Rein. Different?:	☐
Block Foundation?:	☐
Rectangular Pad?:	☐

Superstructure Analysis Reactions		
Compression, P_{comp}:	25	kips
Base Shear, Vu_comp:	18	kips
Moment, M_u:	1387	ft-kips
Tower Height, **H**:	99	ft
BP Dist. Above Fdn, bp_{dist}:	3	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, **dpier**:	6	ft
Ext. Above Grade, **E**:	0.5	ft
Pier Rebar Size, **Sc**:	8	
Pier Rebar Quantity, **mc**:	26	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:		
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties		
Depth, **D**:	6	ft
Pad Width, W_1:	20.5	ft
Pad Thickness, **T**:	1.5	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	8	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	26	
Pad Clear Cover, cc_{pad}:	3	in

Material Properties		
Rebar Grade, **Fy**:	60	ksi
Concrete Compressive Strength, **F'c**:	4.5	ksi
Dry Concrete Density, δ**c**:	150	pcf

Soil Properties		
Total Soil Unit Weight, γ:	125	pcf
Ultimate Gross Bearing, Qult:	8.000	ksf
Cohesion, **Cu**:		ksf
Friction Angle, φ:	34	degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:		
Neglected Depth, **N**:	3.50	ft
Foundation Bearing on Rock?		
Groundwater Depth, **gw**:	5	ft

<--Toggle between Gross and Net

Foundation Analysis Checks				
	Capacity	**Demand**	**Rating**	**Check**
Lateral (Sliding) (kips)	153.47	18.00	**11.7%**	**Pass**
Bearing Pressure (ksf)	6.00	2.15	**35.8%**	**Pass**
*Overturning (kip*ft)*	2919.69	1508.50	**51.7%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	2915.71	1477.00	**50.7%**	**Pass**
Pier Compression (kip)	25777.44	57.40	**0.2%**	**Pass**
*Pad Flexure (kip*ft)*	1187.28	499.18	**42.0%**	**Pass**
Pad Shear - 1-way (kips)	334.17	106.64	**31.9%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.201	0.063	**31.3%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	1204.34	886.20	**73.6%**	**Pass**

Structural Rating:	**73.6%**
Soil Rating:	**51.7%**

Maser Consulting Connecticut
1055 Washington Boulevard
Stamford, CT 06901
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Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10144894
Maser Consulting Connecticut Project #: 21777624A (Rev. 1)

July 29, 2022

Site Information	*Site ID:*	*467406-VZW / OLD SAYBROOK 2 CT*
	Site Name:	*OLD SAYBROOK 2 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*1363 Boston Post Rd* *Old Saybrook, Connecticut 06475* *Middlesex County*
	Latitude:	*41.289778°*
	Longitude:	*-72.405944°*
Structure Information	*Tower Type:*	*99-Ft Monopole*
	Mount Type:	*14.33-Ft Platform*

FUZE ID # 16272126

Analysis Results

Platform: **84.8% Pass w/ Modifications***

***Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Sarah Ali

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: 2561122, dated June 15, 2021*
Desktop Mount Mapping Form	*Colliers Engineering & Design, Project #: 21777624, dated April 11, 2022*
Previous Mount Analysis	*Maser Consulting Connecticut, Project #: 21777624A, dated April 14, 2022*
Mount Modification Drawings	*Maser Consulting Connecticut, Project #: 21777624A (Rev. 1), dated July 29, 2022*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	125 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:	1.000
Seismic Parameters:	S_S:	0.202 g
	S_1:	0.053 g
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
81.00	85.00	6	Commscope	JAHH-65B-R3B	Added
		3	Samsung	MT6407-77A	
		3	Commscope	CBC78T-DS-43-2X	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	DB-B1-6C-12AB-0Z	

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 unless replacing an existing OVP.

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 in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

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

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

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
Standoff Horizontal	*44.1 %*	*Pass*
Plate	*29.6 %*	*Pass*
Mount Pipe	*84.8 %*	*Pass*
Grating Support	*22.1 %*	*Pass*
Face Horizontal	*33.1 %*	*Pass*
End Plate	*36.8 %*	*Pass*
Cross Bracing	*32.7 %*	*Pass*
Corner Plate	*34.2 %*	*Pass*
Mod Support Rail Brace	*72.0 %*	*Pass*
Mod Support Rail	*42.0 %*	*Pass*
Mod Kicker Kit	*8.6 %*	*Pass*
Connection Check	*40.2 %*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**84.8%**

Mount Steel (EPA)a per ANSI/TIA-222-H Section 2.6.11.2:

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	36.5	36.5	51.5	51.5
0.5	47.0	47.0	68.2	68.2
1	56.6	56.6	84.2	84.2

Notes:
- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 3 sector(s).
- Ka factors included in (EPA)a calculations

Requirements:

The existing mount will be **SUFFICIENT** for the final loading configuration (attachment 2) after the modifications detailed in attachment 3 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. **Contractor Required PMI Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Modification Drawings
4. Mount Photos
5. Desktop Mount Mapping Form (for reference only)
6. Analysis Calculations

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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

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PSLC #: 467406 SMART Project #: 10144894 Fuze Project ID: 16272126

Purpose – to upload the proper documentation to the SMART Tool in order to allow the SMART Tool engineering vendor 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:

- If installation of the modification will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide "as built drawings" showing contractor's name, preparer's signature, and date. Any deviations from the drawings (proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the post-modification passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo shall be time and date stamped.
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: **https://pmi.vzwsmart.com**

Photo Requirements:

- *Photos taken at ground level*
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation of the modifications.
  - Photos of the mount 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 the safety climb wire rope above and below the mount prior to modification.
  - Photos showing the climbing facility and safety climb if present.

- Photos showing each individual sector after installation of modifications. Each entire sector must be in one photo to show the interconnection of members.
  - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.
- Photos of each installed modification per the modification drawings; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
- Photos showing the distances (relative distance between collars) of the installed modifications from the appropriate reference locations shown in the modification drawings.
- Photos showing the installed modifications onto the tower (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, an elevation measurement shall be provided before the elevation change.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by the SMART Tool vendor.
  - If the materials are as specified on the drawings
    - The contractor shall provide the packing list, or the materials certifications for the materials utilized to perform the mount modification
    - Commscope, Metrosite, Perfect Vision, Sabre, and Site Pro have all agreed to support Verizon vendors with the necessary material certifications
  - If seeking permission to use an equivalent
    - It is required that the SMART Tool engineering vendor approval of such is included in the contractor submission package. There may be an additional charge for approval if the equivalent submission doesn't meet specifications as prescribed in the drawings.

☐ All hardware has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings and included in the material certification folder is a packing list or invoice for these materials.

OR

☐ The material utilized was approved by a SMART Tool engineering vendor as an "equivalent" and this approval is included as part of the contractor submission.

Antenna & Equipment Placement and Geometry Confirmation:

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

OR

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

Comments:

Was the mount modification completed in conjunction with the equipment change / installation?

☐ Yes ☐ No

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

Issue:

Prior to installation of equipment, contractor shall verify all dimensions and member sizes shown in the Mount Geometry Verification Requirements section of the Mount Modification Drawings. **Escalate any discrepancies to EOR immediately as it may render the results of this analysis invalid and require additional modifications.** Contact EOR if these documents are not available to the general contractor. Contractor shall inspect climbing facilities and safety climb, if present, and ensure they are in good condition. Contractor shall install safety climb wire rope guides in locations where wire rope is rubbing against the mount or mount-to-tower connection steel. Wire brush clean any observed corrosion and protect with two (2) coats of cold galvanization (Zinga or Zinc Kote). Contractor shall provide photos of wire rope guide installation as part of PMI documents. Contact EOR if additional guidance is required.

Response:

Special Instruction Confirmation:

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Comments:

Certifying Individual:

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

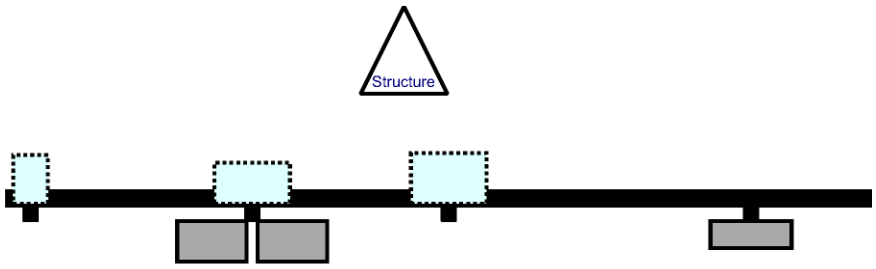
Structure: 467406-VZW - OLD SAYBROOK 2 CT

Sector: **A** 7/29/2022

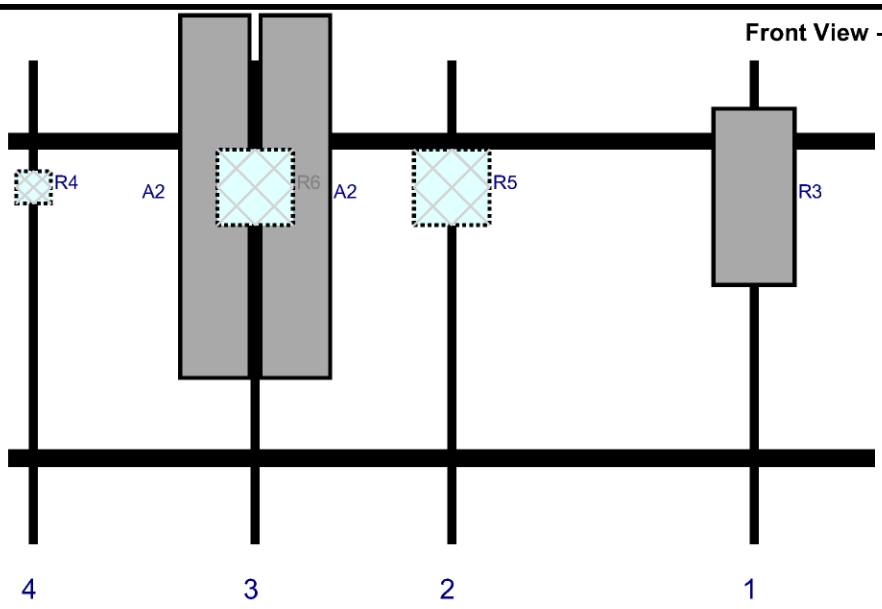
Structure Type: Monopole 10144894

Mount Elev: 81.00 Page: 1

Plan View

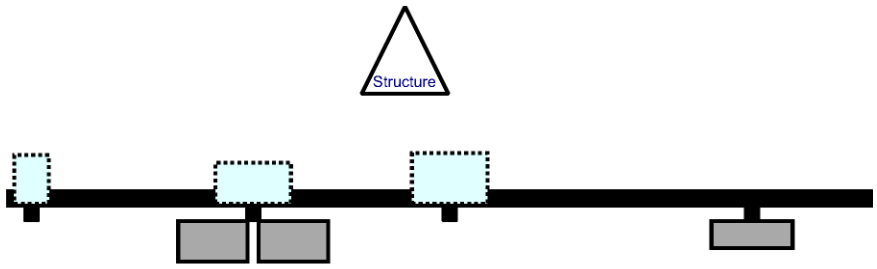


Front View - Looking at Structure



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
R3	MT6407-77A	35.1	16.1	148	1	a	Front	27	0	Added	
R5	RFV01U-D1A	15	15	88	2	a	Behind	25.2	0	Added	
A2	JAHH-65B-R3B	72	13.8	49	3	a	Front	27	-8	Added	
A2	JAHH-65B-R3B	72	13.8	49	3	b	Front	27	8	Added	
R6	RFV01U-D2A	15	15	49	3	a	Behind	25.2	0	Added	
R4	CBC78T-DS-43-2X	6.4	6.9	5	4	a	Behind	25.2	0	Added	
OVP	DB-B1-6C-12AB-0Z	28.9	15.7		Member					Added	

Plan View



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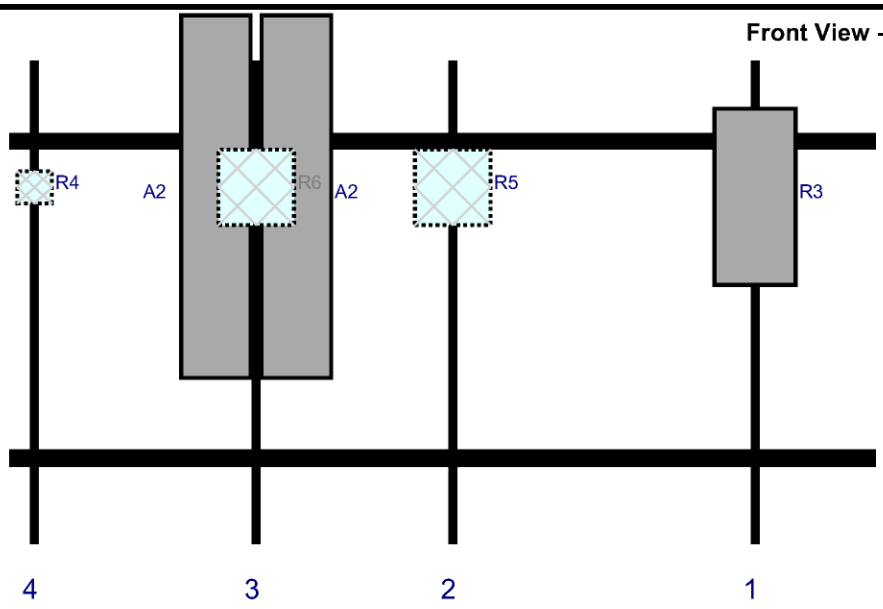

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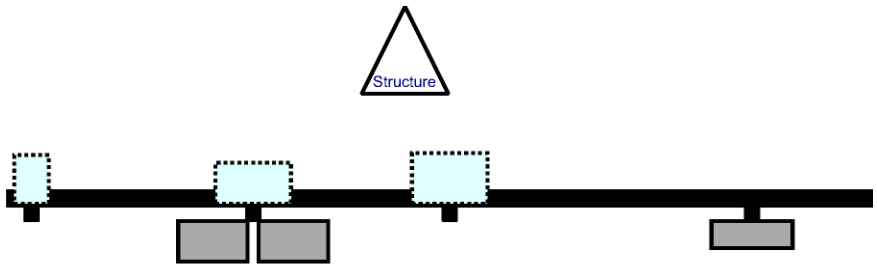
R6	RFV01U-D2A	15	15	49	3	a	Behind	25.2	0	Added	
R4	CBC78T-DS-43-2X	6.4	6.9	5	4	a	Behind	25.2	0	Added	

Plan View



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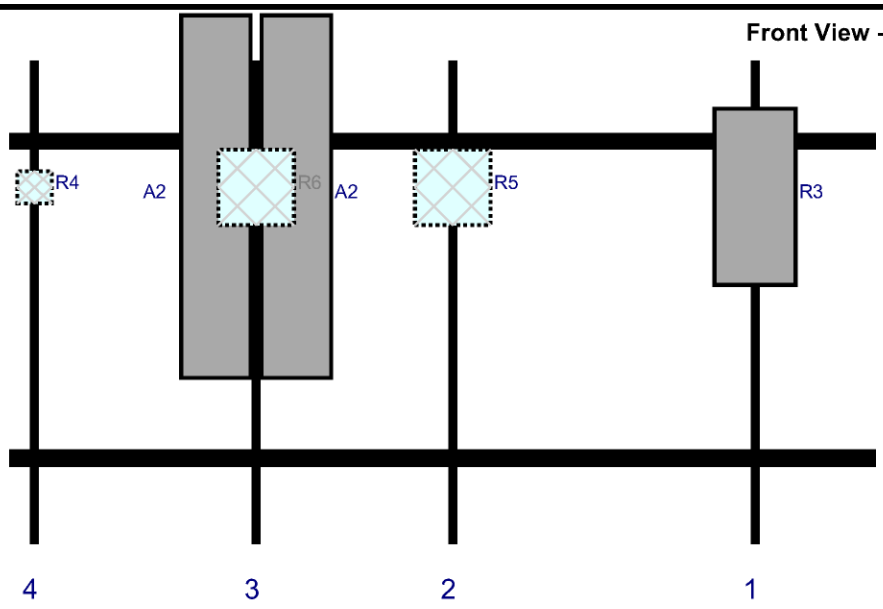

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R6	RFV01U-D2A	15	15	49	3	a	Behind	25.2	0	Added	
R4	CBC78T-DS-43-2X	6.4	6.9	5	4	a	Behind	25.2	0	Added	

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MOUNT MODIFICATION DRAWINGS
EXISTING 14.33' PLATFORM

TOWER OWNER: OCTAGON TOWERS
TOWER OWNER SITE NUMBER: CT-1263

CARRIER SITE NAME: OLD SAYBROOK 2 CT
CARRIER SITE NUMBER: 467406
FUZE ID: 16272126

1363 BOSTON POST RD
OLD SAYBROOK, CT 06475
MIDDLESEX COUNTY

LATITUDE: 41.289778° N
LONGITUDE: 72.405944° W

DESIGN CRITERIA

WIND LOADS

BASIC WIND SPEED (3 SECOND GUST), V = 125 MPH
EXPOSURE CATEGORY C
TOPOGRAPHIC CATEGORY 1
MEAN BASE ELEVATION (AMSL) = 8.16'

ICE LOADS

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

SEISMIC LOADS

SEISMIC DESIGN CATEGORY B
SHORT TERM MCER GROUND MOTION, S_S = .202
LONG TERM MCER GROUND MOTION, S_1 = .053

PROJECT INFORMATION

APPLICANT/LESSEE

COMPANY: VERIZON WIRELESS

CLIENT REPRESENTATIVE

COMPANY: VERIZON WIRELESS

PROJECT MANAGER

COMPANY: COLLIERS ENGINEERING & DESIGN
CONTACT: PETER ALBANO
PHONE: 856.797.0412
E-MAIL: PETER.ALBANO@COLLIERSENGINEERING.COM

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #: 10144894
VZW LOCATION CODE (PSLC): 467406
ANALYSIS DATE: 7/29/2022

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX

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

SCALE: AS SHOWN | JOB NUMBER: 21777624A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
1	07/29/22	ISSUED FOR CONSTRUCTION	SEA	PA
0	06/27/22	ISSUED FOR CONSTRUCTION	SEA	DX

COLLIERS ENGINEERING & DESIGN CT, P.C.
C.T. C.O.A. #PC.0001131

SITE NAME:

OLD SAYBROOK 2 CT
467406

1363 BOSTON POST RD
OLD SAYBROOK, CT 06475
MIDDLESEX COUNTY

Colliers Engineering & Design
STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 203.324.0800
COLLIERS ENGINEERING & DESIGN CT, P.C.
DOING BUSINESS AS MASER CONSULTING

SHEET TITLE: TITLE SHEET

SHEET NUMBER: ST-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

BILL OF MATERIALS

SECTION 1 - VZWSMART KITS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
1	VZWSMART	VZWSMART-PLK5	KICKER KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	291	291
1		VZWSMART-PLK7	MONOPOLE COLLAR MOUNT ASSEMBLY		150	150
3		VZWSMART-PLK3	SUPPORT RAIL CORNER BRACKET		30	90
12		VZWSMART-MSK1	CROSSOVER PLATE		14	168

SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
3	-	-	172" LONG, P2 1/2 STD	GALVANIZED	83	249
3	-	-	48" LONG, L3x3x1/4	GALVANIZED. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	20	59
				TOTAL:		1007

NOTES:

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

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

VZWSMART KITS - APPROVED VENDORS

NEWAVE	
CONTACT	NEWAVE SALES TEAM
PHONE	(971) 239-4762
EMAIL	SALES@NEWAVETC.COM
WEBSITE	WWW.NEWAVETC.COM
BETTER METAL, LLC	
CONTACT	DAVID STANSBERRY
PHONE	(615) 535-0990 (O), (615) 631-2520 (M)
EMAIL	DLS@BETTERMETAL.COM
WEBSITE	WWW.BETTERMETAL.COM

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SHEET TITLE:
BILL OF MATERIALS

SHEET NUMBER:
SBOM-1

PROJECT NOTES

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

GENERAL NOTES

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

STRUCTURAL STEEL

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

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

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

WELDING NOTES

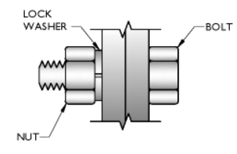
1. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.0 (LATEST EDITION). THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCEPTANCE OR REJECTION OF ALL WELDING OPERATIONS, PRE, DURING, AND POST INSTALLATION, USING THE ACCEPTANCE CRITERIA OF AWS D1.1.
2. CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING A THIRD PARTY CERTIFIED WELD INSPECTOR (CWI) THROUGHOUT THE ENTIRETY OF THE PROJECT. A PASSING CWI REPORT SHALL BE PROVIDED TO THE ENGINEER UPON COMPLETION OF THE PROJECT.
3. THE CERTIFIED WELD INSPECTOR SHALL INDICATE, IN A WRITTEN CWI REPORT, THAT ALL WELDING OPERATIONS PRE, DURING, AND POST INSTALLATION WERE CONDUCTED IN ACCORDANCE WITH AWS D1.1 WITH PHOTOGRAPHS AND DOCUMENTATION SUPPORTING THE ACCEPTANCE OR REJECTION OF ALL WELDING. ALL CWI WELD INSPECTION DOCUMENTATION AND PHOTOS SHALL BE SUBMITTED DURING THE PMI.
4. IN CASES WHERE A WELD IS SPECIFIED BETWEEN TWO MEMBERS IN WHICH THERE IS A GAP IN BETWEEN, THE WELD IS TO BE BUILT-UP SUCH THAT THE SIZE OF WELD ON THE MEMBER IS EQUAL TO THAT SHOWN IN THE DRAWINGS.
5. OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING IS PERMITTED ON SITE. ALL HOLES SHALL BE CUT WITH A GRINDER.
6. CONTRACTOR SHALL EXERCISE CAUTION WHEN WELDING A GALVANIZED SURFACE.
7. CONTRACTOR SHALL HAVE A FIRE PROTECTION PLAN IN PLACE THAT CONFORMS WITH ALL OSHA, ANSI/ASSP A10.48, ANSI Z49.1, AND LOCAL JURISDICTIONAL REQUIREMENTS.

BOLT SCHEDULE (IN.)

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

WORKABLE GAGES (IN.)

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

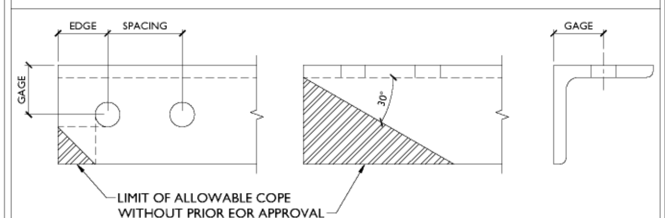


TYP. BOLT ASSEMBLY

NOTES:

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

ALLOWABLE COPING



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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.

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Stamford, CT 06901
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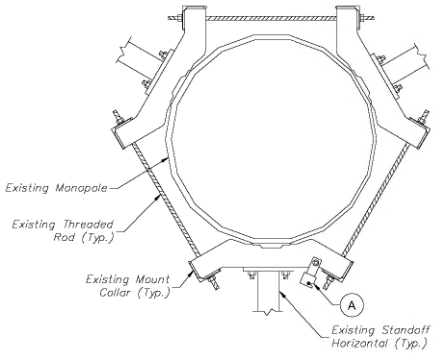
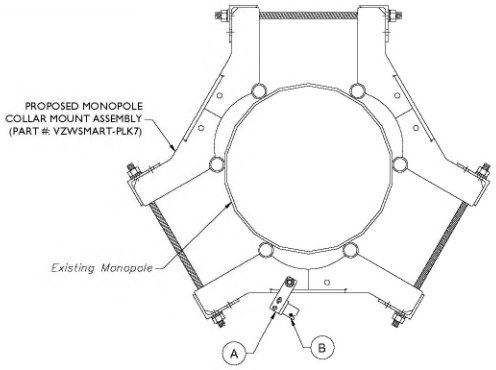
SHEET TITLE: GENERAL NOTES

SHEET NUMBER: SGN-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



ITEM #	QTY	PART NUMBER	DESCRIPTIONS
A	1	H42-0501-06	WIRE ROPE GUIDE (PERFECT VISION OR EQUIV)

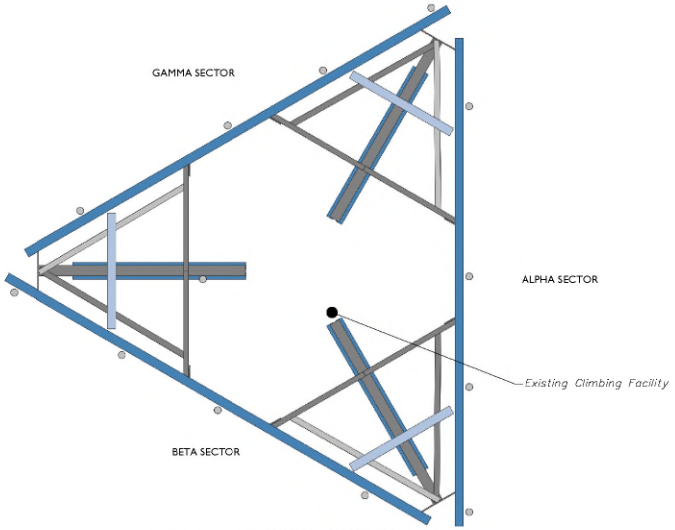


ITEM #	QTY	PART NUMBER	DESCRIPTIONS
A	1	H42-0501-06	WIRE ROPE GUIDE (PERFECT VISION OR EQUIV)
B	1	PV-CMX-CG-BO	WIRE ROPE GUIDE (PERFECT VISION OR EQUIV)

2 PROPOSED WIRE ROPE GUIDE ATTACHMENT - PLAN VIEW

SCALE : N.T.S.

NOTE: CONTRACTOR SHALL ENSURE THAT WIRE ROPE GUIDE DOES NOT PUSH THE WIRE ROPE OUTSIDE OF THE VERTICAL PLANE OF THE SAFETY CLIMB. CONTRACT EOR WITH PHOTOS OF SAFETY CLIMB AND COLLAR FOR FURTHER DIRECTION IF NEEDED.



1 CLIMBING FACILITY LOCATION

SCALE : N.T.S.

STRUCTURAL NOTES:

1. CONTRACTOR TO INSPECT CLIMBING FACILITIES AT SITE AND ENSURE THAT THE SAFETY CLIMB IS IN GOOD CONDITION AND THAT THE WIRE ROPE DOES NOT OR WILL NOT INTERFERE WITH THE EXISTING OR PROPOSED MOUNT CONNECTIONS. CONTRACTOR SHALL INSTALL SAFETY CLIMB WIRE ROPE GUIDED AROUND MOUNT CONNECTIONS AS NEEDED.

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.

CLIMBING FACILITY PHOTO

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SHEET TITLE:
CLIMBING FACILITY DETAIL

SHEET NUMBER:
SCF-1

LEGEND:

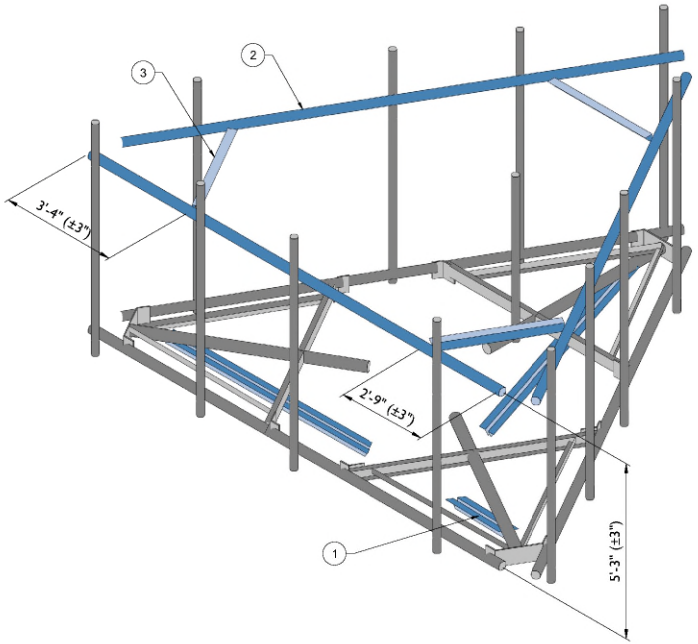
- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE

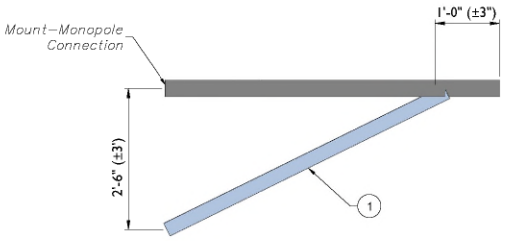
NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	81'-00"	1	PROPOSED KICKER KIT (PART #: VZWSMART-PLK5)	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. CONNECT OTHER END OF KICKER KIT TO MONOPOLE COLLAR MOUNT ASSEMBLY (PART #: VZWSMART-PLK7).
2		3	172" LONG, P2 1/2 STD SUPPORT RAIL	GALVANIZED. 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. CONNECT NEW SUPPORT RAIL TO ALL EXISTING VERTICAL MOUNT PIPES WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1).
3		3	48" LONG, L3x3x1/4 SUPPORT RAIL BRACING WITH SUPPORT RAIL CORNER BRACKET (PART #: VZWSMART-PLK3)	GLAVANIZED. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. CONNECT VZWSMART-PLK3 KIT TO NEW SUPPORT RAIL USING (2) 5/8" DIA. BOLT AT EACH CONNECTION. CONNECT VZWSMART-PLK3 KIT TO NEW SUPPORT RAIL BRACING ANGLE USING (2) 5/8" DIA. BOLT AT EACH CONNECTION.

NOTES.

MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
THREADED ROD FROM PROPOSED KITS SHALL BE TRIMMED TO EXTEND NO MORE THAN 3" BEYOND THE LOCK NUT. TREAT ALL CUT ENDS WITH (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC KOTE).
EXISTING SUPPORT RAIL TO BE REMOVED.



1 PROPOSED ISOMETRIC VIEW
SCALE : N.T.S.



2 PROPOSED SIDE ELEVATION VIEW (TYP. ALL SECTORS)
SCALE : N.T.S.

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SHEET TITLE:
MODIFICATION DETAILS

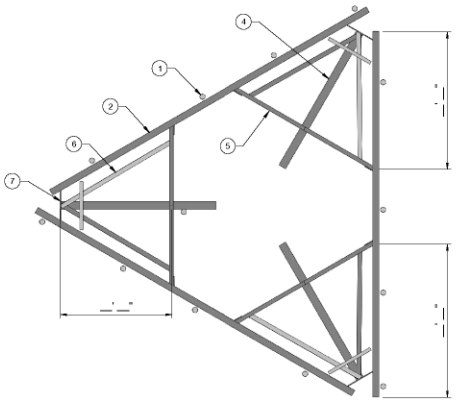
SHEET NUMBER:
SS-1

EXISTING MEMBERS				
NO.	DESCRIPTION	LENGTH	SHAPE	NOTES
1.	MOUNT PIPE			TYP. OF 12, 4 PER SECTOR
2.	FACE HORIZONTAL			TYP. OF 3, 1 PER SECTOR
3.	SUPPORT RAIL			TYP. OF 3, 1 PER SECTOR
4.	STANDOFF HORIZONTAL			TYP. OF 3, 1 PER SECTOR
5.	CROSS BRACING			TYP. OF 6, 2 PER SECTOR
6.	GRATING SUPPORT			TYP. OF 6, 2 PER SECTOR
7.	CORNER PLATE			TYP. OF 3, 1 PER SECTOR

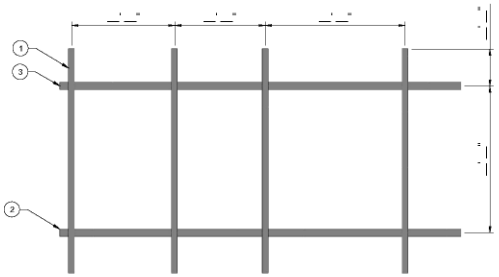
LIST ALL SHAPES:
ANGLE (LEG1xLEG2xTH.): EX. L2x2x1/4
CHANNEL (DEPTHxFLANGE WIDTH): EX. CH6"x1-7/8"
PIPE (ODxTH.): EX. PIPE 2.4"x0.12"
PLATE (TH.xDEPTH): EX. PLATE 1/2"x2"

NOTE:

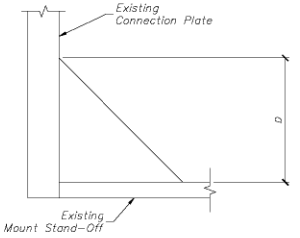
CONTRACTOR SHALL RECORD ALL DIMENSIONS AND MEMBER SIZES SHOWN IN THIS SKETCH. DOCUMENT VIA PHOTOS AND SKETCHES AND PROVIDE TO THE EOR FOR EVALUATION.



1 EXISTING MOUNT GEOMETRY VERIFICATION PLAN VIEW
SCALE : N.T.S.



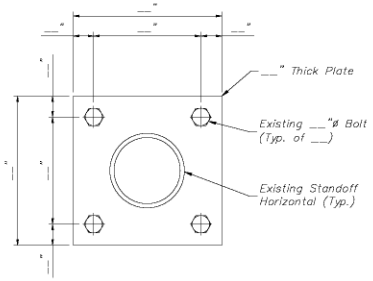
2 EXISTING MOUNT GEOMETRY VERIFICATION FRONT ELEVATION VIEW
SCALE : N.T.S.



WELD MEASUREMENT NOTE:

CONTRACTOR SHALL MEASURE WELD SIZE 'D' AS SHOWN IN THIS DETAIL.

4 WELD MEASUREMENT DETAIL
SCALE : N.T.S.



NOTE:

REFER TO WELD MEASUREMENT DETAIL FOR DIRECTIONS ON OBTAINING WELD MEASUREMENTS.

3 MOUNT CONNECTION DETAIL
SCALE : N.T.S.

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SHEET TITLE:
GEOMETRY VERIFICATION SKETCHES

SHEET NUMBER:
SS-2

MOUNT PHOTO 1

MOUNT PHOTO 2

MOUNT PHOTO 3

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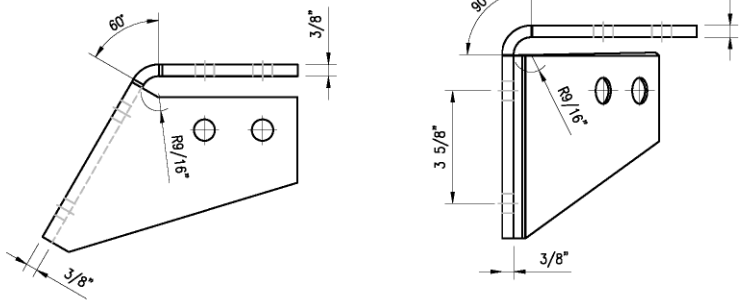
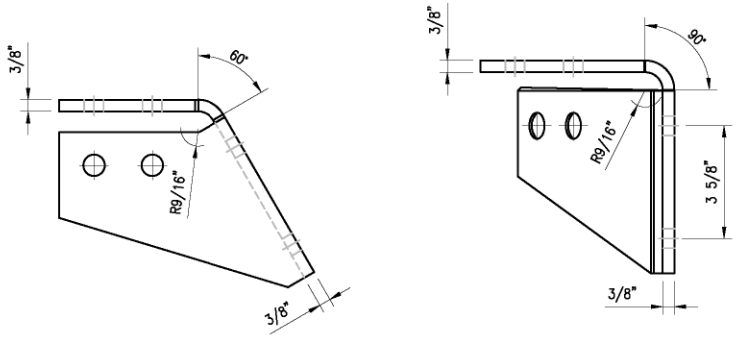
SHEET TITLE:
MOUNT PHOTOS

SHEET NUMBER:
SS-3



CBP–L



CBP–R

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

VZWSMART–PLK3 (SUPPORT RAIL CORNER BRACKET)

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

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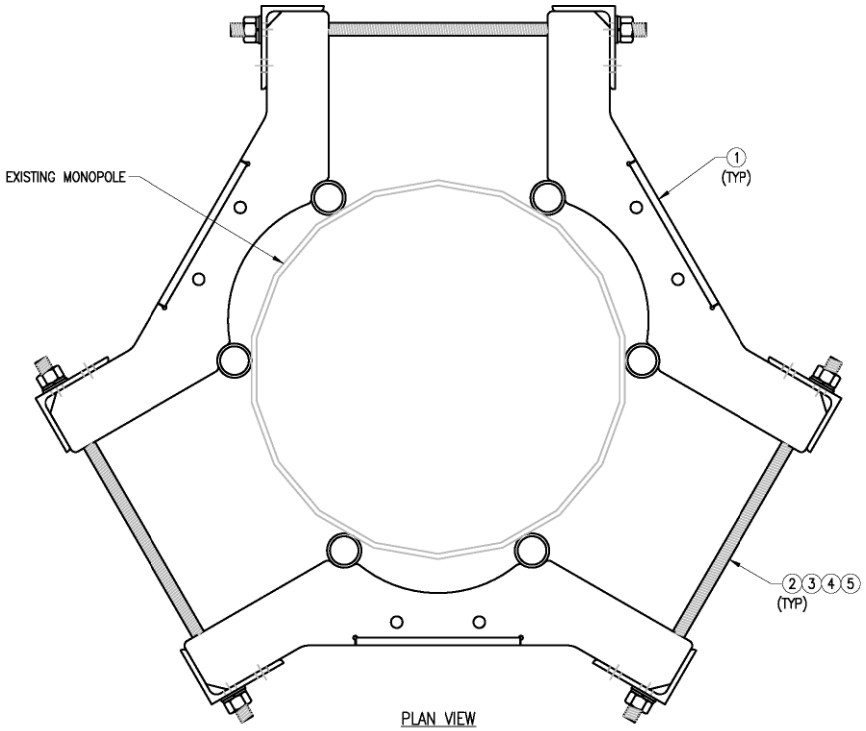
DRAWN BY: H.R | CHECKED BY: HMA

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

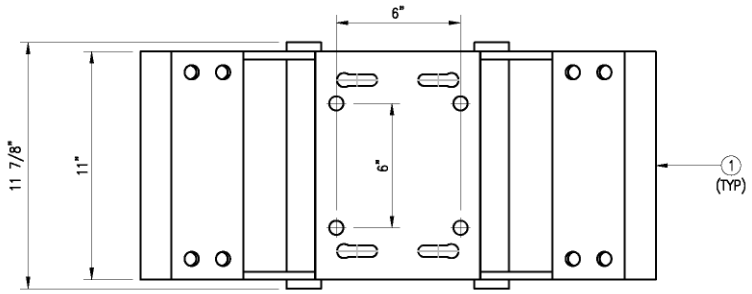
SHEET TITLE:
VZWSMART–PLK3
SUPPORT RAIL CORNER BRACKET

SHEET NUMBER: VZWSMART–PLK3

REV #: 0



PLAN VIEW
MONOPOLE COLLAR MOUNT ASSEMBLY



FRONT VIEW

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

VZWSMART-PLK7 (MONOPOLE COLLAR MOUNT ASSEMBLY)

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

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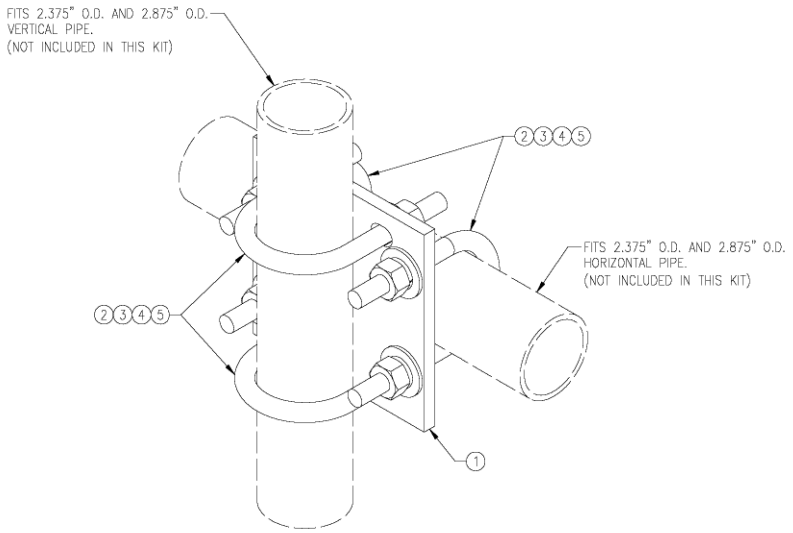
DRAWN BY: BT | CHECKED BY: HMA/KW

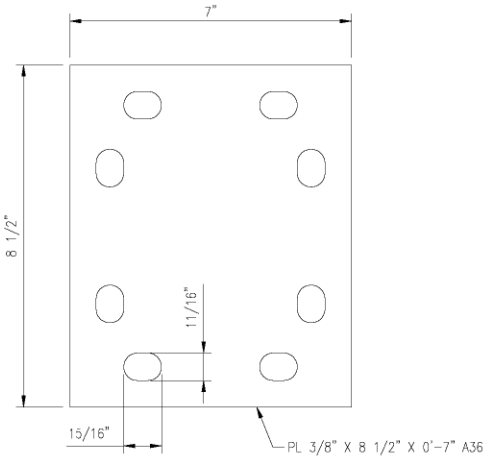
REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	BT	05/11/20

SHEET TITLE:
VZWSMART-PLK7
MONOPOLE COLLAR
MOUNT ASSEMBLY

SHEET NUMBER: VZWSMART-PLK7

REV #: 0





PL375-857

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

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

DRAWN BY: H.R	CHECKED BY: HMA

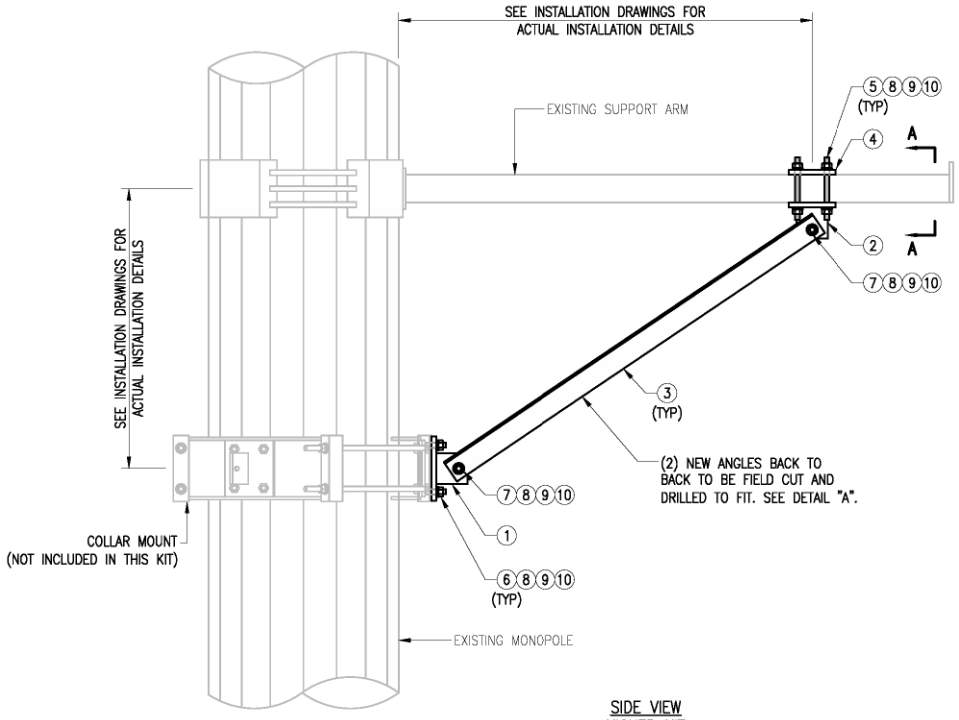
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

SHEET TITLE:

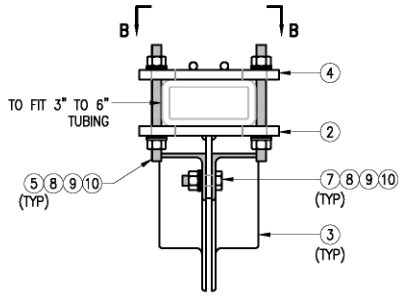
VZWSMART-MSK1
CROSSOVER PLATE

SHEET NUMBER:	REV #:
VZWSMART-MSK1	0

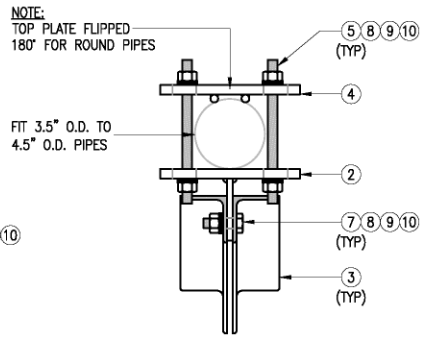
NOTE:
THE LOCATION OF KICKER AND EXISTING ANTENNA MOUNT SHOWN ON THE DRAWING IS FOR REPRESENTATION PURPOSE ONLY. SEE INSTALLATION DRAWINGS FOR ACTUAL INSTALLATION OF DETAILS.



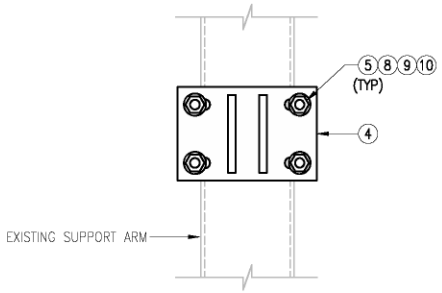
SIDE VIEW
KICKER KIT



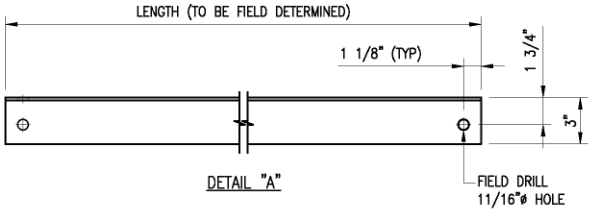
SECTION "A-A"
RECT. HSS MOUNTING



SECTION "A-A"
ROUND PIPE MOUNTING



SECTION "B-B"



DETAIL "A"

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

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

VzW
SMART Tool©
Vendor

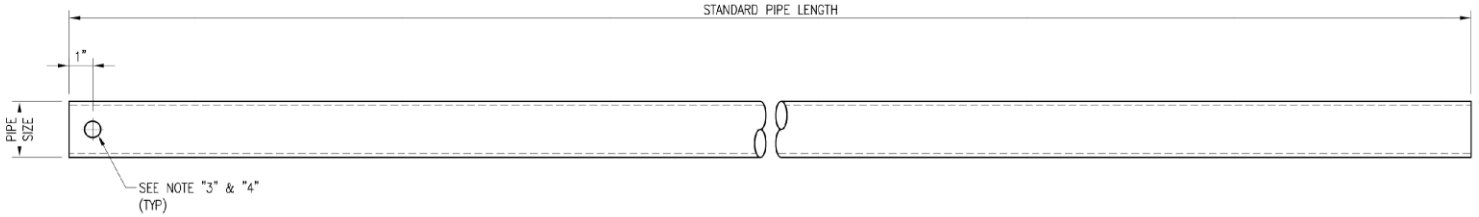
verizon

DRAWN BY: MN | CHECKED BY: HMA/KW

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

SHEET TITLE:
VZWSMART-PLK5
KICKER KIT

SHEET NUMBER: VZWSMART-PLK5
REV #: 0



VZWSMART Standard Pipe		
VZWSMART Number	Size	Length
P40-238X048	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	48"
P40-238X072	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	72"
P40-238X096	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	96"
P40-238X120	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	120"
P40-238X126	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	126"
P40-238X150	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	150"
P40-238X174	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	174"
P40-278X048	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	48"
P40-278X072	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	72"
P40-278X096	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	96"
P40-278X120	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	120"
P40-278X126	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	126"
P40-278X150	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	150"
P40-278X174	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	174"
P40-312X048	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	48"
P40-312X072	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	72"
P40-312X126	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	126"
P40-312X150	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	150"
P40-312X174	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	174"

NOTE:
APPROVED SMART KIT VENDORS ARE ALLOWED TO SUBSTITUTE AT THEIR DISCRETION PIPES LISTED ON THIS PAGE FOR CUSTOM LENGTH COMPONENTS OF MATCHING SIZE. SUBSTITUTIONS SHALL MEET THE ORIGINAL STRUCTURAL INTENT.

NOTES:
1. ALL PIPE GRADE A53-B OR BETTER.
2. HOT-DIPPED GALVANIZED PER ASTM A123.
3. ALL HOLES ARE 11/16" DIA. U.N.O
4. HOLES MAY OR MAY NOT BE PRESENT, DEPEND UPON MANUFACTURE DISCRETION.
5. ALL FIELD CUT AND DRILLED SURFACES SHALL BE REPAIRED WITH A MINIMUM OF TWO COATS OF ZINGA OR ZINC COTE PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

VzW SMART Tool© Vendor

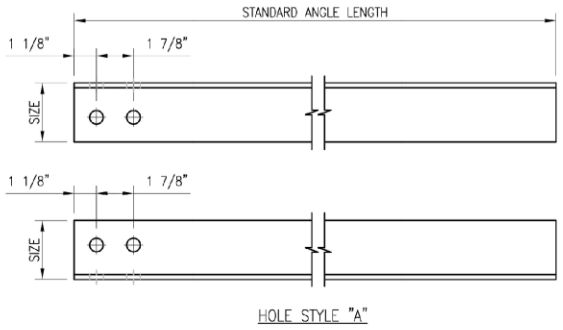
verizon

DRAWN BY: BT | CHECKED BY: HMA/KW

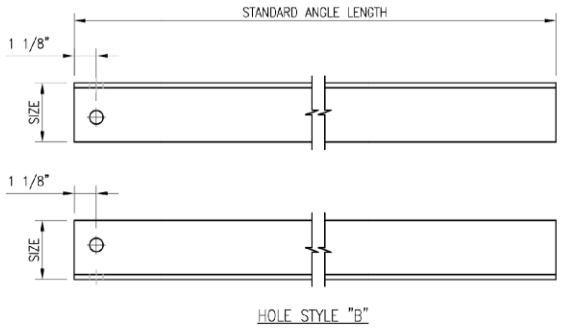
REV	DESCRIPTION	BY	DATE
1	FIRST ISSUE	BT	08/04/21

SHEET TITLE:
VZWSMART STANDARD PIPE

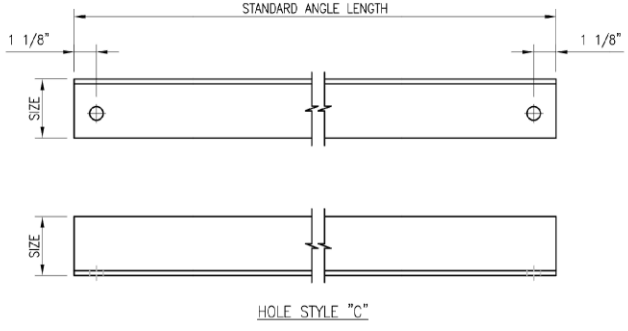
SHEET NUMBER: VZWSMART-PIPE | REV #: 0



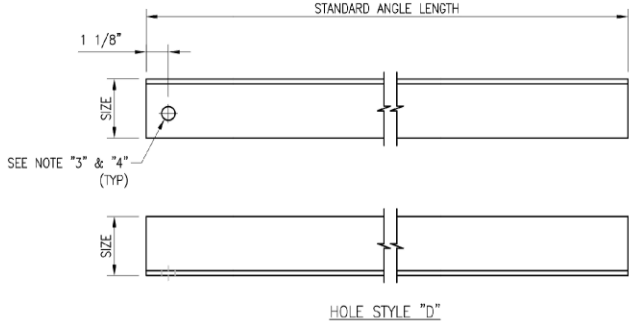
HOLE STYLE "A"



HOLE STYLE "B"



HOLE STYLE "C"



HOLE STYLE "D"

VZWSMART Standard Angle					
VZWSMART Number	Size	Length	Hole Style	Hole Gage	Also Used In:
A-PLK2-01	L 3" X 3" X 1/4"	96"	A	1-3/4"	VZWSMART-PLK2
A-PLK5-01	L 3"X 3" X 3/16"	96"	B	1-3/4"	VZWSMART-PLK5
A-SFK3-01	L 2-1/2" X 2-1/2" X 1/4"	96"	C	1-3/8"	VZWSMART-SFK3, -SFK3-SL, -PLK6, & -PLK8
A-L25X25X4X120	L 2-1/2" X 2-1/2" X 1/4"	120"	D	1-5/16"	
A-L25X25X4X240	L 2-1/2" X 2-1/2" X 1/4"	240"	D	1-5/16"	
A-L30X30X4X120	L 3" X 3" X 1/4"	120"	D	1-1/2"	
A-L30X30X4X240	L 3" X 3" X 1/4"	240"	D	1-1/2"	
A-L40X40X4X120	L 4" X 4" X 1/4"	120"	D	2"	
A-L40X40X4X240	L 4" X 4" X 1/4"	240"	D	2"	
A-L50X30X6X120	L 5" X 3" X 3/8"	120"	D	2-1/2"	
A-L50X50X6X120	L 5" X 5" X 3/8"	120"	D	2-1/2"	

NOTE:
APPROVED SMART KIT VENDORS ARE ALLOWED TO SUBSTITUTE AT THEIR DISCRETION ANGLES LISTED ON THIS PAGE FOR CUSTOM LENGTH COMPONENTS OF MATCHING SIZE. SUBSTITUTIONS SHALL MEET THE ORIGINAL STRUCTURAL INTENT.

NOTES:
1. ALL ANGLE GRADE A36 OR BETTER.
2. HOT-DIPPED GALVANIZED PER ASTM A123.
3. ALL HOLES ARE 11/16" DIA. U.N.O
4. HOLES MAY OR MAY NOT BE PRESENT, DEPEND UPON MANUFACTURE DISCRETION.
5. ALL FIELD CUT AND DRILLED SURFACES SHALL BE REPAIRED WITH A MINIMUM OF TWO COATS OF ZINGA OR ZINC COTE PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

VzW SMART Tool© Vendor

verizon

DRAWN BY: BT | CHECKED BY: HMA/KW

REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	BT	08/04/21

SHEET TITLE:
VZWSMART STANDARD ANGLE

SHEET NUMBER: VZWSMART-ANGLE

REV #: 0


03/26/2022

Colliers Engineering & Design

Desktop Mount Mapping Form

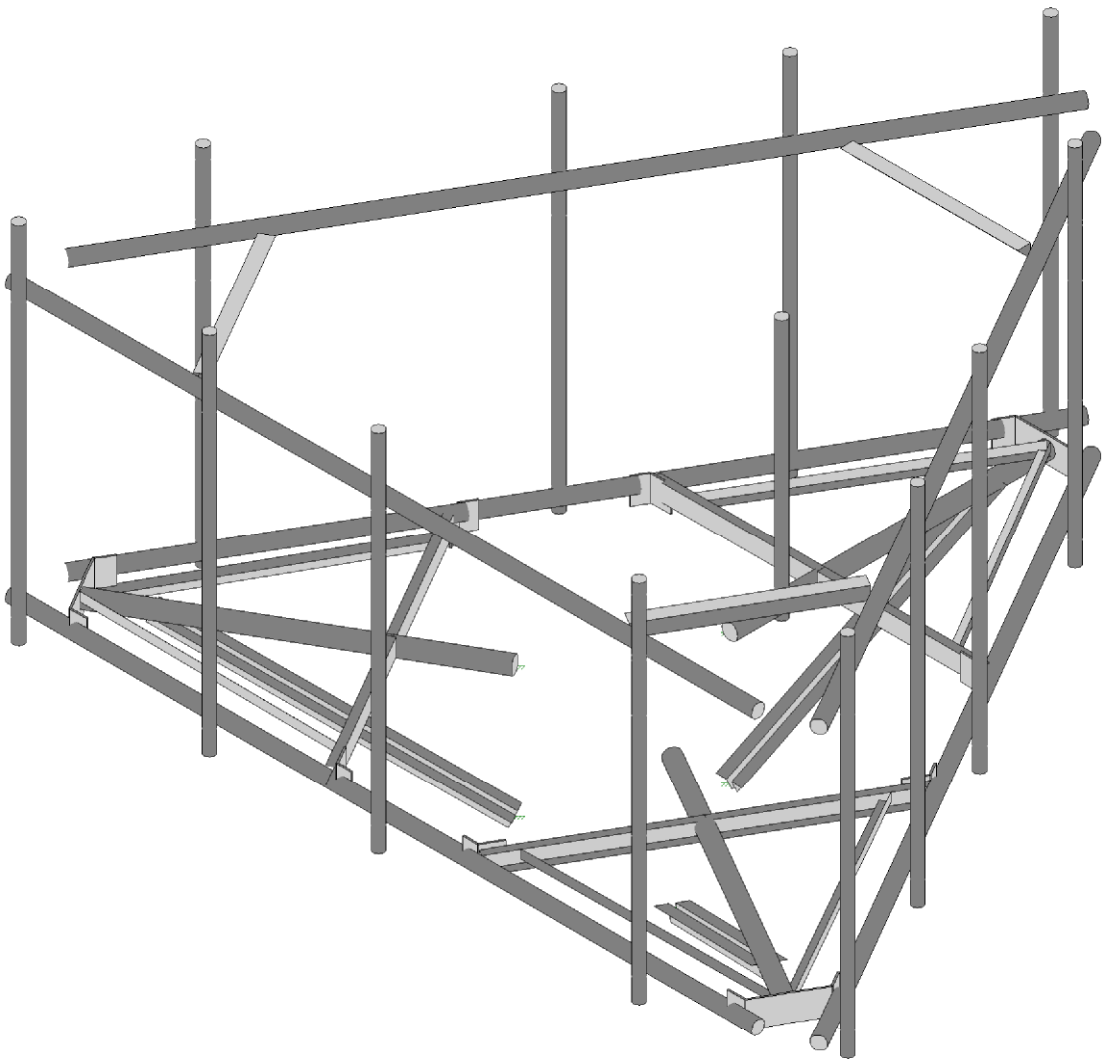
Site Name:	OLD SAYBROOK 2 CT	**Tower Type:**	Monopole
Site ID:	467406	**Tower Owner:**	
FUZE Project ID:	16272126	**Tower Height (Ft.):**	99
Customer:	Verizon Wireless	**Mount Elevation (Ft.):**	81
Colliers Project No.	22946624	**Date:**	4/11/2022

Document Type	Provided? (Yes/No)	Source Name	Project No.	Dated	Comments/Remarks
Previous Mount Mapping	Yes	14 - 01-25-18 Old Saybrook 2 CT		1/25/2018	Previous mount mapping - use as first source of information.
Previous Mapping Photos	No				
Previous Mount Analysis	No				
Previous Mount Modifications	No				
Previous Structural Analysis	Yes	Old Saybrook 2 CT_Passing SA_04-25-2017		4/25/2017	Previous structural analysis.
Construction Drawings	Yes	Old Saybrooke 2 CT_CD Rev A_08.03.17		8/3/2017	Previous construction drawings
Closeout Package	No				
Closeout Photos	No				
Handover Package	No				
New Build 445 Documentation	No				
Other	Yes	Ground Mapping Photos		4/2/2022	Ground mapping photos - use as seconardy source of information
Previous PMI	No				

The desktop mount mapping is based on the engineering review of the available site documents in FUZE, as listed above, in place of a full mount mapping. It is assumed that the information provided in the documents listed above, provide an accurate representation of the existing mount. EOR reserves the right and will typically require additional clarification and verification as will be included in the PMI requirements. During the Post Modification Inspection (PMI) process, the GC on site will be required to confirm all questions, confirmations, and validations as posed by the EOR. The engineering review for this desktop mount mapping was performed in accordance to the ANSI/TIA-222-H requirements and Verizon's NSTD446 standard.

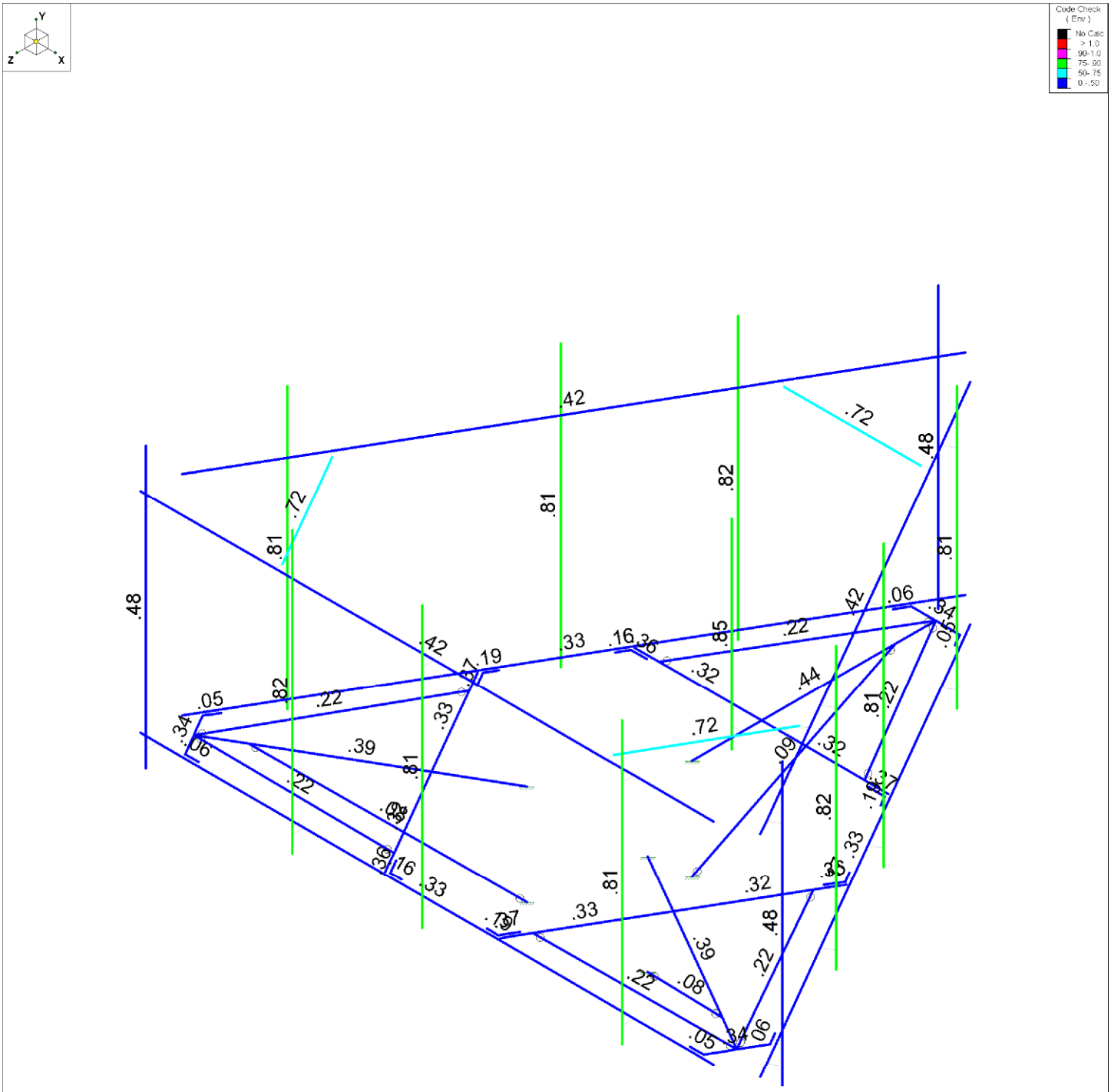
Photo taken from: Closeout Package

Photo taken from: Closeout Package



Envelope Only Solution

Maser Consulting	Mount Analysis	SK - 1
SEA		Apr 25, 2022 at 1:51 PM
		467406-VZW_MT_LO_H_MOD.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Mount Analysis	SK - 2
SEA		Apr 25, 2022 at 1:51 PM
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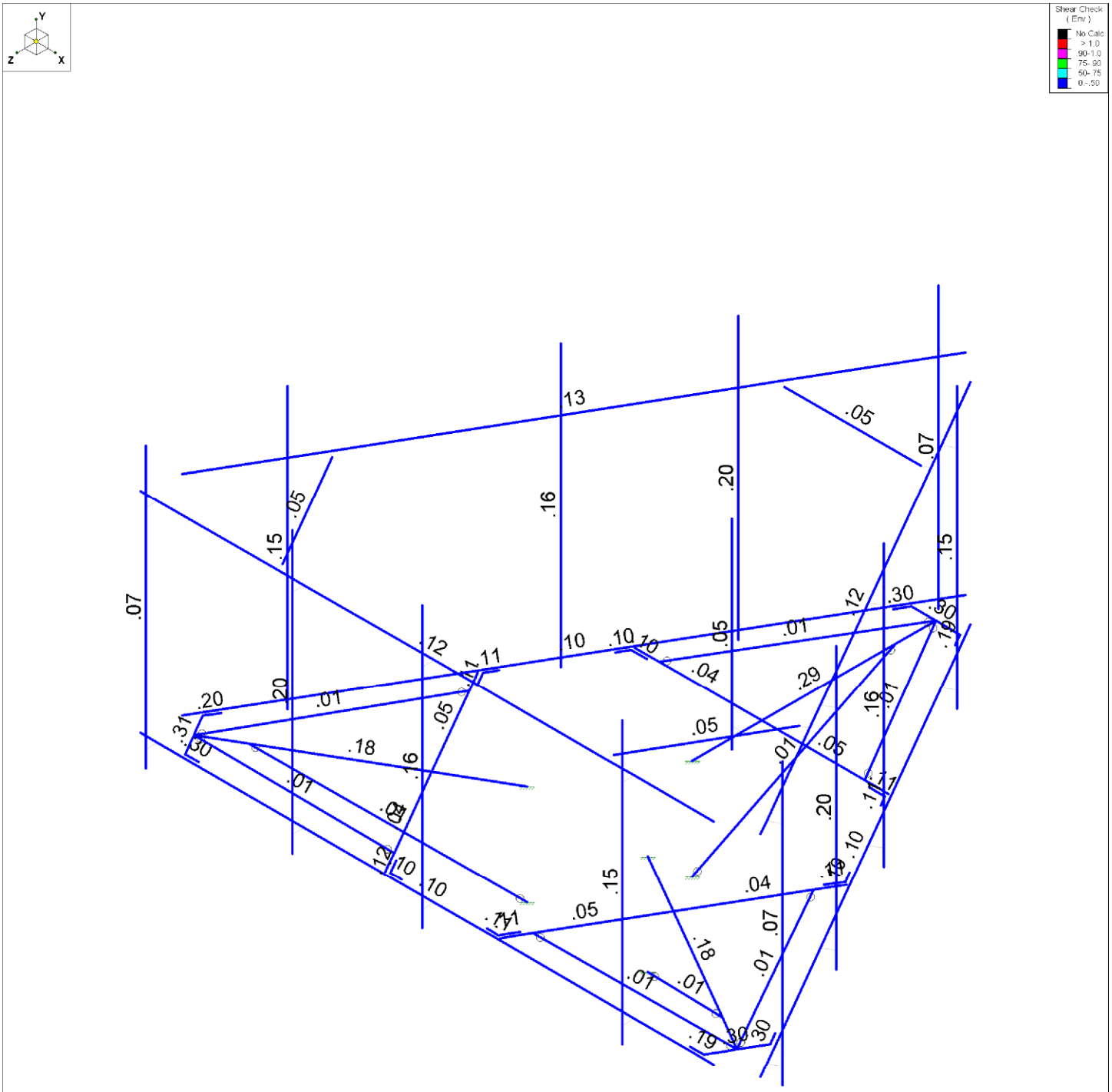


Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Mount Analysis	SK - 3
SEA		Apr 25, 2022 at 1:51 PM
		467406-VZW_MT_LO_H_MOD.r3d

Basic Load Cases

	BLC Description	Category	X Gravi...	Y Gravi...	Z Gravity	Joint	Point	Distrib...	Area(M...	Surfac...
1	Antenna D	None					87			
2	Antenna Di	None					87			
3	Antenna Wo (0 Deg)	None					87			
4	Antenna Wo (30 Deg)	None					87			
5	Antenna Wo (60 Deg)	None					87			
6	Antenna Wo (90 Deg)	None					87			
7	Antenna Wo (120 Deg)	None					87			
8	Antenna Wo (150 Deg)	None					87			
9	Antenna Wo (180 Deg)	None					87			
10	Antenna Wo (210 Deg)	None					87			
11	Antenna Wo (240 Deg)	None					87			
12	Antenna Wo (270 Deg)	None					87			
13	Antenna Wo (300 Deg)	None					87			
14	Antenna Wo (330 Deg)	None					87			
15	Antenna Wi (0 Deg)	None					87			
16	Antenna Wi (30 Deg)	None					87			
17	Antenna Wi (60 Deg)	None					87			
18	Antenna Wi (90 Deg)	None					87			
19	Antenna Wi (120 Deg)	None					87			
20	Antenna Wi (150 Deg)	None					87			
21	Antenna Wi (180 Deg)	None					87			
22	Antenna Wi (210 Deg)	None					87			
23	Antenna Wi (240 Deg)	None					87			
24	Antenna Wi (270 Deg)	None					87			
25	Antenna Wi (300 Deg)	None					87			
26	Antenna Wi (330 Deg)	None					87			
27	Antenna Wm (0 Deg)	None					87			
28	Antenna Wm (30 Deg)	None					87			
29	Antenna Wm (60 Deg)	None					87			
30	Antenna Wm (90 Deg)	None					87			
31	Antenna Wm (120 Deg)	None					87			
32	Antenna Wm (150 Deg)	None					87			
33	Antenna Wm (180 Deg)	None					87			
34	Antenna Wm (210 Deg)	None					87			
35	Antenna Wm (240 Deg)	None					87			
36	Antenna Wm (270 Deg)	None					87			
37	Antenna Wm (300 Deg)	None					87			
38	Antenna Wm (330 Deg)	None					87			
39	Structure D	None		-1					3	
40	Structure Di	None						61	3	
41	Structure Wo (0 Deg)	None						122		
42	Structure Wo (30 Deg)	None						122		
43	Structure Wo (60 Deg)	None						122		
44	Structure Wo (90 Deg)	None						122		
45	Structure Wo (120 Deg)	None						122		
46	Structure Wo (150 Deg)	None						122		
47	Structure Wo (180 Deg)	None						122		
48	Structure Wo (210 Deg)	None						122		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravi...	Y Gravi...	Z Gravity	Joint	Point	Distrib...	Area(M...	Surfac...
49	Structure Wo (240 Deg)	None						122		
50	Structure Wo (270 Deg)	None						122		
51	Structure Wo (300 Deg)	None						122		
52	Structure Wo (330 Deg)	None						122		
53	Structure Wi (0 Deg)	None						122		
54	Structure Wi (30 Deg)	None						122		
55	Structure Wi (60 Deg)	None						122		
56	Structure Wi (90 Deg)	None						122		
57	Structure Wi (120 Deg)	None						122		
58	Structure Wi (150 Deg)	None						122		
59	Structure Wi (180 Deg)	None						122		
60	Structure Wi (210 Deg)	None						122		
61	Structure Wi (240 Deg)	None						122		
62	Structure Wi (270 Deg)	None						122		
63	Structure Wi (300 Deg)	None						122		
64	Structure Wi (330 Deg)	None						122		
65	Structure Wm (0 Deg)	None						122		
66	Structure Wm (30 Deg)	None						122		
67	Structure Wm (60 Deg)	None						122		
68	Structure Wm (90 Deg)	None						122		
69	Structure Wm (120 Deg)	None						122		
70	Structure Wm (150 Deg)	None						122		
71	Structure Wm (180 Deg)	None						122		
72	Structure Wm (210 Deg)	None						122		
73	Structure Wm (240 Deg)	None						122		
74	Structure Wm (270 Deg)	None						122		
75	Structure Wm (300 Deg)	None						122		
76	Structure Wm (330 Deg)	None						122		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					87			
82	Antenna Eh (0 Deg)	None					58			
83	Antenna Eh (90 Deg)	None					58			
84	Structure Ev	ELY		-.043					3	
85	Structure Eh (0 Deg)	ELZ			-.108				3	
86	Structure Eh (90 Deg)	ELX	.108						3	
87	BLC 39 Transient Area Loads	None						24		
88	BLC 40 Transient Area Loads	None						24		
89	BLC 84 Transient Area Loads	None						24		
90	BLC 85 Transient Area Loads	None						24		
91	BLC 86 Transient Area Loads	None						24		

Load Combinations

	Description	So...	P...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1												

Load Combinations (Continued)

	Description	So...	P...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
5	1.2D+1.0Wo (120 D...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 D...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 D...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 D...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 D...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 D...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 D...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 D...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX					
53	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5				
54	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866				
55	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1				
56	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866				

Load Combinations (Continued)

	Description	So...	P...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
57	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5		
58	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX			
59	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5		
60	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866		
61	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1		
62	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866		
63	1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5		
64	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX			
65	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5		
66	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866		
67	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1		
68	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866		
69	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5		
70	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX			
71	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5		
72	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866		
73	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1		
74	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866		
75	0.9D - 1.0Ev + 1.0E...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5		

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1A	0	0	0	0	
2	N11	-7.5	0	4.541553	0	
3	N12	6.833333	0	4.541553	0	
4	N23	0.775531	0	-7.739847	0	
5	N24	0.692778	0	-7.692069	0	
6	N25	0.776389	0	-7.547251	0	
7	N26	0.609167	0	-7.836888	0	
8	N27	-0.609167	0	-7.836888	0	
9	N28	-0.776389	0	-7.547251	0	
10	N29	-0.692778	0	-7.692069	0	
11	N30	-0.775531	0	-7.739847	0	
12	N51	-0.	0	-1.747352	0	
13	N52	-3.165278	0	-3.48911	0	
14	N53	3.165278	0	-3.48911	0	
15	N54	-2.568056	0	-3.48911	0	
16	N55	2.568056	0	-3.48911	0	
17	N56	-0.	0	-7.836888	0	
18	N57	3.318019	0	-3.147268	0	
19	N58	3.173258	0	-3.394698	0	
20	N59	2.776709	0	-3.392414	0	
21	N60	2.974983	0	-3.393556	0	
22	N61	2.974433	0	-3.48911	0	
23	N62	3.245638	0	-3.270983	0	
24	N63	3.328133	0	-3.318611	0	
25	N64	-3.318019	0	-3.147268	0	
26	N65	-3.173258	0	-3.394698	0	
27	N66	-2.776709	0	-3.392414	0	
28	N67	-2.974983	0	-3.393556	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
29	N68	-2.974433	0	-3.48911	0	
30	N69	-3.245638	0	-3.270983	0	
31	N70	-3.328133	0	-3.318611	0	
32	N101	-7.5	5.25	4.541553	0	
33	N102	6.833333	5.25	4.541553	0	
34	N195A	0.191111	0	-7.836888	0	
35	N196	-0.191111	0	-7.836888	0	
36	N200	-0.	0	-3.48911	0	
37	N107	4.137778	5.25	4.541553	0	
38	N108	-4.137778	5.25	4.541553	0	
39	N113	4.137778	5.25	4.350442	0	
40	N114	-4.137778	5.25	4.350442	0	
41	N137A	-7.08334	0	4.541553	0	
42	N138A	-7.08334	5.25	4.541553	0	
43	N139A	-3.416669	0	4.541553	0	
44	N140A	-3.416669	5.25	4.541553	0	
45	N141	-0.166668	0	4.541553	0	
46	N142	-0.166668	5.25	4.541553	0	
47	N143	4.833332	0	4.541553	0	
48	N144	4.833332	5.25	4.541553	0	
49	N145	-7.08334	0	4.82822	0	
50	N146	-7.08334	5.25	4.82822	0	
51	N147	-3.416669	0	4.82822	0	
52	N148	-3.416669	5.25	4.82822	0	
53	N149	-0.166668	0	4.82822	0	
54	N150	-0.166668	5.25	4.82822	0	
55	N151	4.833332	0	4.82822	0	
56	N152	4.833332	5.25	4.82822	0	
57	N153	-7.08334	6.583333	4.82822	0	
58	N154	-7.08334	-0.416667	4.82822	0	
59	N155	-3.416669	6.583333	4.82822	0	
60	N156	-3.416669	-0.416667	4.82822	0	
61	N157	-0.166668	6.583333	4.82822	0	
62	N158	-0.166668	-0.416667	4.82822	0	
63	N159	4.833332	6.583333	4.82822	0	
64	N160	4.833332	-0.416667	4.82822	0	
65	ACL	4.833332	4.333333	4.82822	0	
66	N192	4.833332	6.333333	4.82822	0	
67	N193	4.833332	5.333333	4.82822	0	
68	N194	4.833332	2.333333	4.82822	0	
69	N195	-0.166668	4.5	4.82822	0	
70	N135	-7.09067	0	3.198294	0	
71	N136	-7.007916	0	3.246071	0	
72	N137	-6.924305	0	3.101253	0	
73	N138	-7.091527	0	3.39089	0	
74	N139	-6.482361	0	4.445998	0	
75	N140	-6.147916	0	4.445998	0	
76	N141A	-6.315139	0	4.445998	0	
77	N142A	-6.315139	0	4.541553	0	
78	N144B	-1.439019	0	4.485766	0	
79	N145B	-4.604297	0	-0.996656	0	
80	N146B	-1.73763	0	3.968556	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
81	N147B	-4.305686	0	-0.479446	0	
82	N148B	-6.786944	0	3.918444	0	
83	N149B	-4.384623	0	-1.299855	0	
84	N150B	-4.526524	0	-1.050772	0	
85	N151B	-4.326271	0	-0.708493	0	
86	N152B	-4.426397	0	-0.879633	0	
87	N153B	-4.508874	0	-0.831379	0	
88	N154B	-4.455574	0	-1.175314	0	
89	N155B	-4.538068	0	-1.222942	0	
90	N156B	-1.066604	0	4.447122	0	
91	N157B	-1.353266	0	4.445471	0	
92	N158B	-1.549562	0	4.100907	0	
93	N159B	-1.451414	0	4.273189	0	
94	N160B	-1.534442	0	4.320489	0	
95	N161A	-1.209935	0	4.446297	0	
96	N162A	-1.209935	0	4.541553	0	
97	N163A	-6.8825	0	3.752937	0	
98	N164A	-6.691389	0	4.083951	0	
99	N165A	-3.021658	0	1.744555	0	
100	N167A	6.315139	0	4.541553	0	
101	N168A	6.315139	0	4.445998	0	
102	N169A	6.147916	0	4.445998	0	
103	N170A	6.482361	0	4.445998	0	
104	N171A	7.091527	0	3.39089	0	
105	N172A	6.924305	0	3.101253	0	
106	N173A	7.007916	0	3.246071	0	
107	N174A	7.09067	0	3.198294	0	
108	N176A	4.604297	0	-0.996656	0	
109	N177A	1.439019	0	4.485766	0	
110	N178A	4.305686	0	-0.479446	0	
111	N179A	1.73763	0	3.968556	0	
112	N180A	6.786944	0	3.918444	0	
113	N181A	1.066604	0	4.447122	0	
114	N182A	1.353266	0	4.445471	0	
115	N183A	1.549562	0	4.100907	0	
116	N184A	1.451414	0	4.273189	0	
117	N185A	1.534442	0	4.320489	0	
118	N186A	1.209935	0	4.446297	0	
119	N187A	1.209935	0	4.541553	0	
120	N188A	4.384623	0	-1.299855	0	
121	N189A	4.526524	0	-1.050772	0	
122	N190A	4.326271	0	-0.708493	0	
123	N191	4.426397	0	-0.879633	0	
124	N192A	4.508874	0	-0.831379	0	
125	N193A	4.455574	0	-1.175314	0	
126	N194A	4.538068	0	-1.222942	0	
127	N195B	6.691389	0	4.083951	0	
128	N196A	6.8825	0	3.752937	0	
129	N197	3.021658	0	1.744555	0	
130	N132	7.683101	0	4.224414	0	
131	N133	0.516434	0	-8.188617	0	
132	N134	7.683101	5.25	4.224414	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
133	N135A	0.516434	5.25	-8.188617	0	
134	N140B	7.47477	0	3.863575	0	
135	N141B	7.47477	5.25	3.863575	0	
136	N142B	5.641435	0	0.688145	0	
137	N143A	5.641435	5.25	0.688145	0	
138	N144A	4.016435	0	-2.126438	0	
139	N145A	4.016435	5.25	-2.126438	0	
140	N146A	1.516435	0	-6.456565	0	
141	N147A	1.516435	5.25	-6.456565	0	
142	N148A	7.723031	0	3.720242	0	
143	N149A	7.723031	5.25	3.720242	0	
144	N150A	5.889696	0	0.544812	0	
145	N151A	5.889696	5.25	0.544812	0	
146	N152A	4.264695	0	-2.269771	0	
147	N153A	4.264695	5.25	-2.269771	0	
148	N154A	1.764695	0	-6.599898	0	
149	N155A	1.764695	5.25	-6.599898	0	
150	N156A	7.723031	6.583333	3.720242	0	
151	N157A	7.723031	-0.416667	3.720242	0	
152	N158A	5.889696	6.583333	0.544812	0	
153	N159A	5.889696	-0.416667	0.544812	0	
154	N160A	4.264695	6.583333	-2.269771	0	
155	N161	4.264695	-0.416667	-2.269771	0	
156	N162	1.764695	6.583333	-6.599898	0	
157	N163	1.764695	-0.416667	-6.599898	0	
158	N164	1.764695	4.333333	-6.599898	0	
159	N165	1.764695	6.333333	-6.599898	0	
160	N166	1.764695	5.333333	-6.599898	0	
161	N167	1.764695	2.333333	-6.599898	0	
162	N168	4.264695	4.5	-2.269771	0	
163	N169	-0.183101	0	-8.765967	0	
164	N170	-7.349767	0	3.647064	0	
165	N171	-0.183101	5.25	-8.765967	0	
166	N172	-7.349767	5.25	3.647064	0	
167	N177	-0.391431	0	-8.405129	0	
168	N178	-0.391431	5.25	-8.405129	0	
169	N179	-2.224766	0	-5.229699	0	
170	N180	-2.224766	5.25	-5.229699	0	
171	N181	-3.849767	0	-2.415115	0	
172	N182	-3.849767	5.25	-2.415115	0	
173	N183	-6.349766	0	1.915011	0	
174	N184	-6.349766	5.25	1.915011	0	
175	N185	-0.639691	0	-8.548462	0	
176	N186	-0.639691	5.25	-8.548462	0	
177	N187	-2.473027	0	-5.373032	0	
178	N188	-2.473027	5.25	-5.373032	0	
179	N189	-4.098028	0	-2.558449	0	
180	N190	-4.098028	5.25	-2.558449	0	
181	N191A	-6.598027	0	1.771678	0	
182	N192B	-6.598027	5.25	1.771678	0	
183	N193B	-0.639691	6.583333	-8.548462	0	
184	N194B	-0.639691	-0.416667	-8.548462	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
185	N195C	-2.473027	6.583333	-5.373032	0	
186	N196B	-2.473027	-0.416667	-5.373032	0	
187	N197A	-4.098027	6.583333	-2.558449	0	
188	N198	-4.098027	-0.416667	-2.558449	0	
189	N199	-6.598027	6.583333	1.771678	0	
190	N200A	-6.598027	-0.416667	1.771678	0	
191	N201	-6.598027	4.333333	1.771678	0	
192	N202	-6.598027	6.333333	1.771678	0	
193	N203	-6.598027	5.333333	1.771678	0	
194	N204	-6.598027	2.333333	1.771678	0	
195	N205	-4.098027	4.5	-2.558449	0	
196	N204A	-1.513251	0	0.873676	0	
197	N206	1.513251	0	0.873676	0	
198	N206A	-0.	0	-2.997352	0	
199	N207	-0.25	0	-2.997352	0	
200	N208	-0.25	-.5	-2.997352	0	
201	N209	-0.25	4.5	-2.997352	0	
202	N210	-0.	-2.5	-1.747352	0	
203	N211	-1.513251	-2.5	0.873676	0	
204	N212	1.513251	-2.5	0.873676	0	
205	N213	-0.	0	-6.836888	0	
206	N216	-5.920919	0	3.418444	0	
207	N219	5.920919	0	3.418444	0	
208	N216A	1.864212	5.25	-5.854197	0	
209	N217	6.001989	5.25	1.312644	0	
210	N218	1.698705	5.25	-5.758642	0	
211	N219A	5.836482	5.25	1.4082	0	
212	N220	-6.001989	5.25	1.312644	0	
213	N221	-1.864212	5.25	-5.854197	0	
214	N222	-5.836482	5.25	1.4082	0	
215	N223	-1.698705	5.25	-5.758642	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_2.5	Beam	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
2	Support Rail	PIPE_2.5	Beam	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
3	Mount Pipe	PIPE_2.0	Beam	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
4	Grating Support	L2x2x3	Beam	None	A36 Gr.36	Typical	.722	.271	.271	.009
5	Standoff Horizontal	PIPE_3.0	Beam	None	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
6	Cross Bracing	C4X7.25	Beam	None	A36 Gr.36	Typical	2.13	.425	4.58	.082
7	Corner Plate	PL3/8x6	Beam	None	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	End Plate	PL3/8x6	Beam	None	A36 Gr.36	Typical	2.25	.026	6.75	.101
9	Support Rail Corner Pl...	L1.5x1.5x4	Beam	None	A36 Gr.36	Typical	.688	.139	.139	.013
10	MOD KICKER KIT	LL3x3x4x0	Beam	None	A36 Gr.36	Typical	2.88	4.5	2.46	.063
11	MOD SUPPORT RAIL	PIPE_2.5	Beam	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
12	MOD SUPPORT RAIL...	L3X3X4	Beam	None	A36 Gr.36	Typical	1.44	1.23	1.23	.031

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	M31	Standoff Ho...	6.09			Lbyy						Lateral
2	M104B	Standoff Ho...	6.09			Lbyy						Lateral
3	M105B	Standoff Ho...	6.09			Lbyy						Lateral
4	M15	PL3/8x6	.334			Lbyy						Lateral
5	M17	PL3/8x6	.334			Lbyy						Lateral
6	M79	PL3/8x6	.334			Lbyy						Lateral
7	M80	PL3/8x6	.334			Lbyy						Lateral
8	M97B	PL3/8x6	.334			Lbyy						Lateral
9	M98B	PL3/8x6	.334			Lbyy						Lateral
10	MP4A	Mount Pipe	7			Lbyy						Lateral
11	MP3A	Mount Pipe	7			Lbyy						Lateral
12	MP2A	Mount Pipe	7			Lbyy						Lateral
13	MP1A	Mount Pipe	7			Lbyy						Lateral
14	MP4C	Mount Pipe	7			Lbyy						Lateral
15	MP3C	Mount Pipe	7			Lbyy						Lateral
16	MP2C	Mount Pipe	7			Lbyy						Lateral
17	MP1C	Mount Pipe	7			Lbyy						Lateral
18	MP4B	Mount Pipe	7			Lbyy						Lateral
19	MP3B	Mount Pipe	7			Lbyy						Lateral
20	MP2B	Mount Pipe	7			Lbyy						Lateral
21	MP1B	Mount Pipe	7			Lbyy						Lateral
22	OVP	Mount Pipe	5			Lbyy						Lateral
23	M103A	MOD SUPP...	3.397			Lbyy						Lateral
24	M104A	MOD SUPP...	3.397			Lbyy						Lateral
25	M105A	MOD SUPP...	3.397			Lbyy						Lateral
26	M61	MOD SUPP...	14.333			Lbyy						Lateral
27	M71A	MOD SUPP...	14.333			Lbyy						Lateral
28	M87	MOD SUPP...	14.333			Lbyy						Lateral
29	M108	MOD KICK...	5.67			Lbyy						Lateral
30	M109	MOD KICK...	5.67			Lbyy						Lateral
31	M110A	MOD KICK...	5.67			Lbyy						Lateral
32	M33	Grating Sup...	5.05			Lbyy						Lateral
33	M34	Grating Sup...	5.05			Lbyy						Lateral
34	M81	Grating Sup...	5.05			Lbyy						Lateral
35	M82A	Grating Sup...	5.05			Lbyy						Lateral
36	M99A	Grating Sup...	5.05			Lbyy						Lateral
37	M100A	Grating Sup...	5.05			Lbyy						Lateral
38	M7	Face Horizo...	14.333			Lbyy						Lateral
39	M86	Face Horizo...	14.333			Lbyy						Lateral
40	M102A	Face Horizo...	14.333			Lbyy						Lateral
41	M36	End Plate	.397			Lbyy						Lateral
42	M40	End Plate	.397			Lbyy						Lateral
43	M35	End Plate	.287			Lbyy						Lateral
44	M39	End Plate	.287			Lbyy						Lateral
45	M83A	End Plate	.397			Lbyy						Lateral
46	M84A	End Plate	.397			Lbyy						Lateral
47	M85A	End Plate	.287			Lbyy						Lateral
48	M86A	End Plate	.287			Lbyy						Lateral
49	M101A	End Plate	.397			Lbyy						Lateral
50	M102	End Plate	.397			Lbyy						Lateral
51	M103	End Plate	.287			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
52	M104	End Plate	.287			Lbyy						Lateral
53	M32	Cross Braci...	3.165			Lbyy						Lateral
54	M110	Cross Braci...	3.165			Lbyy						Lateral
55	M71	Cross Braci...	3.165			Lbyy						Lateral
56	M72	Cross Braci...	3.165			Lbyy						Lateral
57	M89A	Cross Braci...	3.165			Lbyy						Lateral
58	M90	Cross Braci...	3.165			Lbyy						Lateral
59	M16	Corner Plate	1.218			Lbyy						Lateral
60	M87A	Corner Plate	1.218			Lbyy						Lateral
61	M105	Corner Plate	1.218			Lbyy						Lateral

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design R...
1	M31	N56	N51			Standoff Horizontal	Beam	None	A53 Gr.B	Typical
2	M104B	N148B	N204A			Standoff Horizontal	Beam	None	A53 Gr.B	Typical
3	M105B	N180A	N206			Standoff Horizontal	Beam	None	A53 Gr.B	Typical
4	M14	N23	N24			RIGID	None	None	RIGID	Typical
5	M18	N29	N30			RIGID	None	None	RIGID	Typical
6	M37	N60	N61			RIGID	None	None	RIGID	Typical
7	M38	N62	N63			RIGID	None	None	RIGID	Typical
8	M41	N67	N68			RIGID	None	None	RIGID	Typical
9	M42	N69	N70			RIGID	None	None	RIGID	Typical
10	M61A	N108	N114			RIGID	None	None	RIGID	Typical
11	M62	N107	N113			RIGID	None	None	RIGID	Typical
12	M91	N138A	N146			RIGID	None	None	RIGID	Typical
13	M92	N140A	N148			RIGID	None	None	RIGID	Typical
14	M93	N142	N150			RIGID	None	None	RIGID	Typical
15	M94	N144	N152			RIGID	None	None	RIGID	Typical
16	M95	N143	N151			RIGID	None	None	RIGID	Typical
17	M96	N141	N149			RIGID	None	None	RIGID	Typical
18	M97	N139A	N147			RIGID	None	None	RIGID	Typical
19	M98	N137A	N145			RIGID	None	None	RIGID	Typical
20	M73	N135	N136			RIGID	None	None	RIGID	Typical
21	M74	N141A	N142A			RIGID	None	None	RIGID	Typical
22	M75A	N152B	N153B			RIGID	None	None	RIGID	Typical
23	M76A	N154B	N155B			RIGID	None	None	RIGID	Typical
24	M77A	N159B	N160B			RIGID	None	None	RIGID	Typical
25	M78	N161A	N162A			RIGID	None	None	RIGID	Typical
26	M91A	N167A	N168A			RIGID	None	None	RIGID	Typical
27	M92A	N173A	N174A			RIGID	None	None	RIGID	Typical
28	M93A	N184A	N185A			RIGID	None	None	RIGID	Typical
29	M94B	N186A	N187A			RIGID	None	None	RIGID	Typical
30	M95B	N191	N192A			RIGID	None	None	RIGID	Typical
31	M96B	N193A	N194A			RIGID	None	None	RIGID	Typical
32	M74A	N141B	N149A			RIGID	None	None	RIGID	Typical
33	M75	N143A	N151A			RIGID	None	None	RIGID	Typical
34	M76	N145A	N153A			RIGID	None	None	RIGID	Typical
35	M77	N147A	N155A			RIGID	None	None	RIGID	Typical
36	M78A	N146A	N154A			RIGID	None	None	RIGID	Typical
37	M79A	N144A	N152A			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design R...
38	M80A	N142B	N150A			RIGID	None	None	RIGID	Typical
39	M81A	N140B	N148A			RIGID	None	None	RIGID	Typical
40	M90A	N178	N186			RIGID	None	None	RIGID	Typical
41	M91B	N180	N188			RIGID	None	None	RIGID	Typical
42	M92B	N182	N190			RIGID	None	None	RIGID	Typical
43	M93B	N184	N192B			RIGID	None	None	RIGID	Typical
44	M94A	N183	N191A			RIGID	None	None	RIGID	Typical
45	M95A	N181	N189			RIGID	None	None	RIGID	Typical
46	M96A	N179	N187			RIGID	None	None	RIGID	Typical
47	M97A	N177	N185			RIGID	None	None	RIGID	Typical
48	M106	N206A	N207			RIGID	None	None	RIGID	Typical
49	M111	N217	N219A			RIGID	None	None	RIGID	Typical
50	M112	N216A	N218			RIGID	None	None	RIGID	Typical
51	M113	N221	N223			RIGID	None	None	RIGID	Typical
52	M114	N220	N222			RIGID	None	None	RIGID	Typical
53	M15	N25	N26			PL3/8x6	None	None	A36 Gr....	Typical
54	M17	N27	N28			PL3/8x6	None	None	A36 Gr....	Typical
55	M79	N137	N138			PL3/8x6	None	None	A36 Gr....	Typical
56	M80	N139	N140			PL3/8x6	None	None	A36 Gr....	Typical
57	M97B	N169A	N170A			PL3/8x6	None	None	A36 Gr....	Typical
58	M98B	N171A	N172A			PL3/8x6	None	None	A36 Gr....	Typical
59	MP4A	N153	N154			Mount Pipe	Beam	None	A53 Gr.B	Typical
60	MP3A	N155	N156			Mount Pipe	Beam	None	A53 Gr.B	Typical
61	MP2A	N157	N158			Mount Pipe	Beam	None	A53 Gr.B	Typical
62	MP1A	N159	N160			Mount Pipe	Beam	None	A53 Gr.B	Typical
63	MP4C	N156A	N157A			Mount Pipe	Beam	None	A53 Gr.B	Typical
64	MP3C	N158A	N159A			Mount Pipe	Beam	None	A53 Gr.B	Typical
65	MP2C	N160A	N161			Mount Pipe	Beam	None	A53 Gr.B	Typical
66	MP1C	N162	N163			Mount Pipe	Beam	None	A53 Gr.B	Typical
67	MP4B	N193B	N194B			Mount Pipe	Beam	None	A53 Gr.B	Typical
68	MP3B	N195C	N196B			Mount Pipe	Beam	None	A53 Gr.B	Typical
69	MP2B	N197A	N198			Mount Pipe	Beam	None	A53 Gr.B	Typical
70	MP1B	N199	N200A			Mount Pipe	Beam	None	A53 Gr.B	Typical
71	OVP	N209	N208			Mount Pipe	Beam	None	A53 Gr.B	Typical
72	M103A	N223	N218		90	MOD SUPPORT RAIL BRACE	Beam	None	A36 Gr....	Typical
73	M104A	N114	N222		90	MOD SUPPORT RAIL BRACE	Beam	None	A36 Gr....	Typical
74	M105A	N219A	N113		90	MOD SUPPORT RAIL BRACE	Beam	None	A36 Gr....	Typical
75	M61	N101	N102			MOD SUPPORT RAIL	Beam	None	A53 Gr.B	Typical
76	M71A	N134	N135A			MOD SUPPORT RAIL	Beam	None	A53 Gr.B	Typical
77	M87	N171	N172			MOD SUPPORT RAIL	Beam	None	A53 Gr.B	Typical
78	M108	N213	N210			MOD KICKER KIT	Beam	None	A36 Gr....	Typical
79	M109	N216	N211			MOD KICKER KIT	Beam	None	A36 Gr....	Typical
80	M110A	N219	N212			MOD KICKER KIT	Beam	None	A36 Gr....	Typical
81	M33	N54	N56			Grating Support	Beam	None	A36 Gr....	Typical
82	M34	N55	N56		270	Grating Support	Beam	None	A36 Gr....	Typical
83	M81	N146B	N148B			Grating Support	Beam	None	A36 Gr....	Typical
84	M82A	N147B	N148B		270	Grating Support	Beam	None	A36 Gr....	Typical
85	M99A	N178A	N180A			Grating Support	Beam	None	A36 Gr....	Typical
86	M100A	N179A	N180A		270	Grating Support	Beam	None	A36 Gr....	Typical
87	M7	N11	N12			Face Horizontal	Beam	None	A53 Gr.B	Typical
88	M86	N132	N133			Face Horizontal	Beam	None	A53 Gr.B	Typical
89	M102A	N169	N170			Face Horizontal	Beam	None	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design R...
90	M36	N58	N59			End Plate	Beam	None	A36 Gr....	Typical
91	M40	N65	N66			End Plate	Beam	None	A36 Gr....	Typical
92	M35	N57	N58			End Plate	Beam	None	A36 Gr....	Typical
93	M39	N64	N65			End Plate	Beam	None	A36 Gr....	Typical
94	M83A	N150B	N151B			End Plate	Beam	None	A36 Gr....	Typical
95	M84A	N157B	N158B			End Plate	Beam	None	A36 Gr....	Typical
96	M85A	N149B	N150B			End Plate	Beam	None	A36 Gr....	Typical
97	M86A	N156B	N157B			End Plate	Beam	None	A36 Gr....	Typical
98	M101A	N182A	N183A			End Plate	Beam	None	A36 Gr....	Typical
99	M102	N189A	N190A			End Plate	Beam	None	A36 Gr....	Typical
100	M103	N181A	N182A			End Plate	Beam	None	A36 Gr....	Typical
101	M104	N188A	N189A			End Plate	Beam	None	A36 Gr....	Typical
102	M32	N52	N200		180	Cross Bracing	Beam	None	A36 Gr....	Typical
103	M110	N200	N53		180	Cross Bracing	Beam	None	A36 Gr....	Typical
104	M71	N144B	N165A		180	Cross Bracing	Beam	None	A36 Gr....	Typical
105	M72	N165A	N145B		180	Cross Bracing	Beam	None	A36 Gr....	Typical
106	M89A	N176A	N197		180	Cross Bracing	Beam	None	A36 Gr....	Typical
107	M90	N197	N177A		180	Cross Bracing	Beam	None	A36 Gr....	Typical
108	M16	N26	N27			Corner Plate	Beam	None	A36 Gr....	Typical
109	M87A	N138	N139			Corner Plate	Beam	None	A36 Gr....	Typical
110	M105	N170A	N171A			Corner Plate	Beam	None	A36 Gr....	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	M31						Yes				None
2	M104B						Yes				None
3	M105B						Yes				None
4	M14	BenPIN					Yes	** NA **			None
5	M18		BenPIN				Yes	** NA **			None
6	M37						Yes	** NA **			None
7	M38		BenPIN				Yes	** NA **			None
8	M41						Yes	** NA **			None
9	M42		BenPIN				Yes	** NA **			None
10	M61A	OOOOOX					Yes	** NA **			None
11	M62	OOOOOX					Yes	** NA **			None
12	M91						Yes	** NA **			None
13	M92						Yes	** NA **			None
14	M93						Yes	** NA **			None
15	M94						Yes	** NA **			None
16	M95						Yes	** NA **			None
17	M96						Yes	** NA **			None
18	M97						Yes	** NA **			None
19	M98						Yes	** NA **			None
20	M73	BenPIN					Yes	** NA **			None
21	M74		BenPIN				Yes	** NA **			None
22	M75A						Yes	** NA **			None
23	M76A		BenPIN				Yes	** NA **			None
24	M77A						Yes	** NA **			None
25	M78		BenPIN				Yes	** NA **			None
26	M91A	BenPIN					Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
27	M92A		BenPIN				Yes	** NA **			None
28	M93A						Yes	** NA **			None
29	M94B		BenPIN				Yes	** NA **			None
30	M95B						Yes	** NA **			None
31	M96B		BenPIN				Yes	** NA **			None
32	M74A						Yes	** NA **			None
33	M75						Yes	** NA **			None
34	M76						Yes	** NA **			None
35	M77						Yes	** NA **			None
36	M78A						Yes	** NA **			None
37	M79A						Yes	** NA **			None
38	M80A						Yes	** NA **			None
39	M81A						Yes	** NA **			None
40	M90A						Yes	** NA **			None
41	M91B						Yes	** NA **			None
42	M92B						Yes	** NA **			None
43	M93B						Yes	** NA **			None
44	M94A						Yes	** NA **			None
45	M95A						Yes	** NA **			None
46	M96A						Yes	** NA **			None
47	M97A						Yes	** NA **			None
48	M106						Yes	** NA **			None
49	M111	OOOOOX					Yes	** NA **			None
50	M112	OOOOOX					Yes	** NA **			None
51	M113	OOOOOX					Yes	** NA **			None
52	M114	OOOOOX					Yes	** NA **			None
53	M15						Yes	** NA **			None
54	M17						Yes	** NA **			None
55	M79						Yes	** NA **			None
56	M80						Yes	** NA **			None
57	M97B						Yes	** NA **			None
58	M98B						Yes	** NA **			None
59	MP4A						Yes				None
60	MP3A						Yes				None
61	MP2A						Yes				None
62	MP1A						Yes				None
63	MP4C						Yes				None
64	MP3C						Yes				None
65	MP2C						Yes				None
66	MP1C						Yes				None
67	MP4B						Yes				None
68	MP3B						Yes				None
69	MP2B						Yes				None
70	MP1B						Yes				None
71	OVP						Yes				None
72	M103A						Yes				None
73	M104A						Yes				None
74	M105A						Yes				None
75	M61						Yes				None
76	M71A						Yes				None
77	M87						Yes				None
78	M108	BenPIN	BenPIN				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...
79	M109	BenPIN	BenPIN				Yes				None
80	M110A	BenPIN	BenPIN				Yes				None
81	M33	BenPIN	BenPIN				Yes				None
82	M34	BenPIN	BenPIN				Yes				None
83	M81	BenPIN	BenPIN				Yes				None
84	M82A	BenPIN	BenPIN				Yes				None
85	M99A	BenPIN	BenPIN				Yes				None
86	M100A	BenPIN	BenPIN				Yes				None
87	M7						Yes				None
88	M86						Yes				None
89	M102A						Yes				None
90	M36						Yes				None
91	M40						Yes				None
92	M35						Yes				None
93	M39						Yes				None
94	M83A						Yes				None
95	M84A						Yes				None
96	M85A						Yes				None
97	M86A						Yes				None
98	M101A						Yes				None
99	M102						Yes				None
100	M103						Yes				None
101	M104						Yes				None
102	M32						Yes				None
103	M110						Yes				None
104	M71						Yes				None
105	M72						Yes				None
106	M89A						Yes				None
107	M90						Yes				None
108	M16						Yes				None
109	M87A						Yes				None
110	M105						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	Y	-18.9	.75
2	OVP	My	-.011	.75
3	OVP	Mz	.006	.75
4	MP3A	Y	-31.65	.25
5	MP3A	My	-.021	.25
6	MP3A	Mz	-.021	.25
7	MP3A	Y	-31.65	4.25
8	MP3A	My	-.021	4.25
9	MP3A	Mz	-.021	4.25
10	MP3B	Y	-31.65	.25
11	MP3B	My	.029	.25
12	MP3B	Mz	-.008	.25
13	MP3B	Y	-31.65	4.25
14	MP3B	My	.029	4.25
15	MP3B	Mz	-.008	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	Y	-31.65	.25
17	MP3C	My	-.008	.25
18	MP3C	Mz	.029	.25
19	MP3C	Y	-31.65	4.25
20	MP3C	My	-.008	4.25
21	MP3C	Mz	.029	4.25
22	MP3A	Y	-31.65	.25
23	MP3A	My	-.021	.25
24	MP3A	Mz	.021	.25
25	MP3A	Y	-31.65	4.25
26	MP3A	My	-.021	4.25
27	MP3A	Mz	.021	4.25
28	MP3B	Y	-31.65	.25
29	MP3B	My	-.008	.25
30	MP3B	Mz	-.029	.25
31	MP3B	Y	-31.65	4.25
32	MP3B	My	-.008	4.25
33	MP3B	Mz	-.029	4.25
34	MP3C	Y	-31.65	.25
35	MP3C	My	.029	.25
36	MP3C	Mz	.008	.25
37	MP3C	Y	-31.65	4.25
38	MP3C	My	.029	4.25
39	MP3C	Mz	.008	4.25
40	MP1A	Y	-43.55	1.25
41	MP1A	My	-.029	1.25
42	MP1A	Mz	0	1.25
43	MP1A	Y	-43.55	3.25
44	MP1A	My	-.029	3.25
45	MP1A	Mz	0	3.25
46	MP1B	Y	-43.55	1.25
47	MP1B	My	.015	1.25
48	MP1B	Mz	-.025	1.25
49	MP1B	Y	-43.55	3.25
50	MP1B	My	.015	3.25
51	MP1B	Mz	-.025	3.25
52	MP1C	Y	-43.55	1.25
53	MP1C	My	.015	1.25
54	MP1C	Mz	.025	1.25
55	MP1C	Y	-43.55	3.25
56	MP1C	My	.015	3.25
57	MP1C	Mz	.025	3.25
58	MP4A	Y	-20.8	2.1
59	MP4A	My	.01	2.1
60	MP4A	Mz	0	2.1
61	MP4B	Y	-20.8	2.1
62	MP4B	My	-.005	2.1
63	MP4B	Mz	.009	2.1
64	MP4C	Y	-20.8	2.1
65	MP4C	My	-.005	2.1
66	MP4C	Mz	-.009	2.1
67	MP2A	Y	-84.4	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	My	.056	2.1
69	MP2A	Mz	0	2.1
70	MP2B	Y	-84.4	2.1
71	MP2B	My	-.028	2.1
72	MP2B	Mz	.049	2.1
73	MP2C	Y	-84.4	2.1
74	MP2C	My	-.028	2.1
75	MP2C	Mz	-.049	2.1
76	MP3A	Y	-70.3	2.1
77	MP3A	My	.047	2.1
78	MP3A	Mz	0	2.1
79	MP3B	Y	-70.3	2.1
80	MP3B	My	-.023	2.1
81	MP3B	Mz	.041	2.1
82	MP3C	Y	-70.3	2.1
83	MP3C	My	-.023	2.1
84	MP3C	Mz	-.041	2.1
85	OVP	Y	-18.9	.75
86	OVP	My	.011	.75
87	OVP	Mz	-.006	.75

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	Y	-82.119	.75
2	OVP	My	-.047	.75
3	OVP	Mz	.027	.75
4	MP3A	Y	-65.983	.25
5	MP3A	My	-.044	.25
6	MP3A	Mz	-.044	.25
7	MP3A	Y	-65.983	4.25
8	MP3A	My	-.044	4.25
9	MP3A	Mz	-.044	4.25
10	MP3B	Y	-65.983	.25
11	MP3B	My	.06	.25
12	MP3B	Mz	-.016	.25
13	MP3B	Y	-65.983	4.25
14	MP3B	My	.06	4.25
15	MP3B	Mz	-.016	4.25
16	MP3C	Y	-65.983	.25
17	MP3C	My	-.016	.25
18	MP3C	Mz	.06	.25
19	MP3C	Y	-65.983	4.25
20	MP3C	My	-.016	4.25
21	MP3C	Mz	.06	4.25
22	MP3A	Y	-65.983	.25
23	MP3A	My	-.044	.25
24	MP3A	Mz	.044	.25
25	MP3A	Y	-65.983	4.25
26	MP3A	My	-.044	4.25
27	MP3A	Mz	.044	4.25
28	MP3B	Y	-65.983	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	My	-.016	.25
30	MP3B	Mz	-.06	.25
31	MP3B	Y	-65.983	4.25
32	MP3B	My	-.016	4.25
33	MP3B	Mz	-.06	4.25
34	MP3C	Y	-65.983	.25
35	MP3C	My	.06	.25
36	MP3C	Mz	.016	.25
37	MP3C	Y	-65.983	4.25
38	MP3C	My	.06	4.25
39	MP3C	Mz	.016	4.25
40	MP1A	Y	-33.561	1.25
41	MP1A	My	-.022	1.25
42	MP1A	Mz	0	1.25
43	MP1A	Y	-33.561	3.25
44	MP1A	My	-.022	3.25
45	MP1A	Mz	0	3.25
46	MP1B	Y	-33.561	1.25
47	MP1B	My	.011	1.25
48	MP1B	Mz	-.019	1.25
49	MP1B	Y	-33.561	3.25
50	MP1B	My	.011	3.25
51	MP1B	Mz	-.019	3.25
52	MP1C	Y	-33.561	1.25
53	MP1C	My	.011	1.25
54	MP1C	Mz	.019	1.25
55	MP1C	Y	-33.561	3.25
56	MP1C	My	.011	3.25
57	MP1C	Mz	.019	3.25
58	MP4A	Y	-15.152	2.1
59	MP4A	My	.008	2.1
60	MP4A	Mz	0	2.1
61	MP4B	Y	-15.152	2.1
62	MP4B	My	-.004	2.1
63	MP4B	Mz	.007	2.1
64	MP4C	Y	-15.152	2.1
65	MP4C	My	-.004	2.1
66	MP4C	Mz	-.007	2.1
67	MP2A	Y	-42.276	2.1
68	MP2A	My	.028	2.1
69	MP2A	Mz	0	2.1
70	MP2B	Y	-42.276	2.1
71	MP2B	My	-.014	2.1
72	MP2B	Mz	.024	2.1
73	MP2C	Y	-42.276	2.1
74	MP2C	My	-.014	2.1
75	MP2C	Mz	-.024	2.1
76	MP3A	Y	-38.003	2.1
77	MP3A	My	.025	2.1
78	MP3A	Mz	0	2.1
79	MP3B	Y	-38.003	2.1
80	MP3B	My	-.013	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mz	.022	2.1
82	MP3C	Y	-38.003	2.1
83	MP3C	My	-.013	2.1
84	MP3C	Mz	-.022	2.1
85	OVP	Y	-82.119	.75
86	OVP	My	.047	.75
87	OVP	Mz	-.027	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	0	.75
2	OVP	Z	-169.714	.75
3	OVP	Mx	-.057	.75
4	MP3A	X	0	.25
5	MP3A	Z	-188.548	.25
6	MP3A	Mx	.126	.25
7	MP3A	X	0	4.25
8	MP3A	Z	-188.548	4.25
9	MP3A	Mx	.126	4.25
10	MP3B	X	0	.25
11	MP3B	Z	-140.014	.25
12	MP3B	Mx	.034	.25
13	MP3B	X	0	4.25
14	MP3B	Z	-140.014	4.25
15	MP3B	Mx	.034	4.25
16	MP3C	X	0	.25
17	MP3C	Z	-140.014	.25
18	MP3C	Mx	-.128	.25
19	MP3C	X	0	4.25
20	MP3C	Z	-140.014	4.25
21	MP3C	Mx	-.128	4.25
22	MP3A	X	0	.25
23	MP3A	Z	-188.548	.25
24	MP3A	Mx	-.126	.25
25	MP3A	X	0	4.25
26	MP3A	Z	-188.548	4.25
27	MP3A	Mx	-.126	4.25
28	MP3B	X	0	.25
29	MP3B	Z	-140.014	.25
30	MP3B	Mx	.128	.25
31	MP3B	X	0	4.25
32	MP3B	Z	-140.014	4.25
33	MP3B	Mx	.128	4.25
34	MP3C	X	0	.25
35	MP3C	Z	-140.014	.25
36	MP3C	Mx	-.034	.25
37	MP3C	X	0	4.25
38	MP3C	Z	-140.014	4.25
39	MP3C	Mx	-.034	4.25
40	MP1A	X	0	1.25
41	MP1A	Z	-81.132	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP1A	Mx	0	1.25
43	MP1A	X	0	3.25
44	MP1A	Z	-81.132	3.25
45	MP1A	Mx	0	3.25
46	MP1B	X	0	1.25
47	MP1B	Z	-41.238	1.25
48	MP1B	Mx	.024	1.25
49	MP1B	X	0	3.25
50	MP1B	Z	-41.238	3.25
51	MP1B	Mx	.024	3.25
52	MP1C	X	0	1.25
53	MP1C	Z	-41.238	1.25
54	MP1C	Mx	-.024	1.25
55	MP1C	X	0	3.25
56	MP1C	Z	-41.238	3.25
57	MP1C	Mx	-.024	3.25
58	MP4A	X	0	2.1
59	MP4A	Z	-15.316	2.1
60	MP4A	Mx	0	2.1
61	MP4B	X	0	2.1
62	MP4B	Z	-19.724	2.1
63	MP4B	Mx	-.009	2.1
64	MP4C	X	0	2.1
65	MP4C	Z	-19.724	2.1
66	MP4C	Mx	.009	2.1
67	MP2A	X	0	2.1
68	MP2A	Z	-64.16	2.1
69	MP2A	Mx	0	2.1
70	MP2B	X	0	2.1
71	MP2B	Z	-48.327	2.1
72	MP2B	Mx	-.028	2.1
73	MP2C	X	0	2.1
74	MP2C	Z	-48.327	2.1
75	MP2C	Mx	.028	2.1
76	MP3A	X	0	2.1
77	MP3A	Z	-64.16	2.1
78	MP3A	Mx	0	2.1
79	MP3B	X	0	2.1
80	MP3B	Z	-42.429	2.1
81	MP3B	Mx	-.024	2.1
82	MP3C	X	0	2.1
83	MP3C	Z	-42.429	2.1
84	MP3C	Mx	.024	2.1
85	OVP	X	0	.75
86	OVP	Z	-169.714	.75
87	OVP	Mx	.057	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	55.882	.75
2	OVP	Z	-96.79	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	OVP	Mx	-.065	.75
4	MP3A	X	86.185	.25
5	MP3A	Z	-149.277	.25
6	MP3A	Mx	.042	.25
7	MP3A	X	86.185	4.25
8	MP3A	Z	-149.277	4.25
9	MP3A	Mx	.042	4.25
10	MP3B	X	61.918	.25
11	MP3B	Z	-107.245	.25
12	MP3B	Mx	.083	.25
13	MP3B	X	61.918	4.25
14	MP3B	Z	-107.245	4.25
15	MP3B	Mx	.083	4.25
16	MP3C	X	86.185	.25
17	MP3C	Z	-149.277	.25
18	MP3C	Mx	-.157	.25
19	MP3C	X	86.185	4.25
20	MP3C	Z	-149.277	4.25
21	MP3C	Mx	-.157	4.25
22	MP3A	X	86.185	.25
23	MP3A	Z	-149.277	.25
24	MP3A	Mx	-.157	.25
25	MP3A	X	86.185	4.25
26	MP3A	Z	-149.277	4.25
27	MP3A	Mx	-.157	4.25
28	MP3B	X	61.918	.25
29	MP3B	Z	-107.245	.25
30	MP3B	Mx	.083	.25
31	MP3B	X	61.918	4.25
32	MP3B	Z	-107.245	4.25
33	MP3B	Mx	.083	4.25
34	MP3C	X	86.185	.25
35	MP3C	Z	-149.277	.25
36	MP3C	Mx	.042	.25
37	MP3C	X	86.185	4.25
38	MP3C	Z	-149.277	4.25
39	MP3C	Mx	.042	4.25
40	MP1A	X	33.917	1.25
41	MP1A	Z	-58.746	1.25
42	MP1A	Mx	-.023	1.25
43	MP1A	X	33.917	3.25
44	MP1A	Z	-58.746	3.25
45	MP1A	Mx	-.023	3.25
46	MP1B	X	13.97	1.25
47	MP1B	Z	-24.197	1.25
48	MP1B	Mx	.019	1.25
49	MP1B	X	13.97	3.25
50	MP1B	Z	-24.197	3.25
51	MP1B	Mx	.019	3.25
52	MP1C	X	33.917	1.25
53	MP1C	Z	-58.746	1.25
54	MP1C	Mx	-.023	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP1C	X	33.917	3.25
56	MP1C	Z	-58.746	3.25
57	MP1C	Mx	-.023	3.25
58	MP4A	X	8.393	2.1
59	MP4A	Z	-14.536	2.1
60	MP4A	Mx	.004	2.1
61	MP4B	X	10.597	2.1
62	MP4B	Z	-18.354	2.1
63	MP4B	Mx	-.011	2.1
64	MP4C	X	8.393	2.1
65	MP4C	Z	-14.536	2.1
66	MP4C	Mx	.004	2.1
67	MP2A	X	29.441	2.1
68	MP2A	Z	-50.994	2.1
69	MP2A	Mx	.02	2.1
70	MP2B	X	21.525	2.1
71	MP2B	Z	-37.282	2.1
72	MP2B	Mx	-.029	2.1
73	MP2C	X	29.441	2.1
74	MP2C	Z	-50.994	2.1
75	MP2C	Mx	.02	2.1
76	MP3A	X	28.458	2.1
77	MP3A	Z	-49.291	2.1
78	MP3A	Mx	.019	2.1
79	MP3B	X	17.592	2.1
80	MP3B	Z	-30.471	2.1
81	MP3B	Mx	-.023	2.1
82	MP3C	X	28.458	2.1
83	MP3C	Z	-49.291	2.1
84	MP3C	Mx	.019	2.1
85	OVP	X	55.882	.75
86	OVP	Z	-96.79	.75
87	OVP	Mx	.065	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	71.696	.75
2	OVP	Z	-41.394	.75
3	OVP	Mx	-.055	.75
4	MP3A	X	121.256	.25
5	MP3A	Z	-70.007	.25
6	MP3A	Mx	-.034	.25
7	MP3A	X	121.256	4.25
8	MP3A	Z	-70.007	4.25
9	MP3A	Mx	-.034	4.25
10	MP3B	X	121.256	.25
11	MP3B	Z	-70.007	.25
12	MP3B	Mx	.128	.25
13	MP3B	X	121.256	4.25
14	MP3B	Z	-70.007	4.25
15	MP3B	Mx	.128	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	163.288	.25
17	MP3C	Z	-94.274	.25
18	MP3C	Mx	-.126	.25
19	MP3C	X	163.288	4.25
20	MP3C	Z	-94.274	4.25
21	MP3C	Mx	-.126	4.25
22	MP3A	X	121.256	.25
23	MP3A	Z	-70.007	.25
24	MP3A	Mx	-.128	.25
25	MP3A	X	121.256	4.25
26	MP3A	Z	-70.007	4.25
27	MP3A	Mx	-.128	4.25
28	MP3B	X	121.256	.25
29	MP3B	Z	-70.007	.25
30	MP3B	Mx	.034	.25
31	MP3B	X	121.256	4.25
32	MP3B	Z	-70.007	4.25
33	MP3B	Mx	.034	4.25
34	MP3C	X	163.288	.25
35	MP3C	Z	-94.274	.25
36	MP3C	Mx	.126	.25
37	MP3C	X	163.288	4.25
38	MP3C	Z	-94.274	4.25
39	MP3C	Mx	.126	4.25
40	MP1A	X	35.714	1.25
41	MP1A	Z	-20.619	1.25
42	MP1A	Mx	-.024	1.25
43	MP1A	X	35.714	3.25
44	MP1A	Z	-20.619	3.25
45	MP1A	Mx	-.024	3.25
46	MP1B	X	35.714	1.25
47	MP1B	Z	-20.619	1.25
48	MP1B	Mx	.024	1.25
49	MP1B	X	35.714	3.25
50	MP1B	Z	-20.619	3.25
51	MP1B	Mx	.024	3.25
52	MP1C	X	70.262	1.25
53	MP1C	Z	-40.566	1.25
54	MP1C	Mx	0	1.25
55	MP1C	X	70.262	3.25
56	MP1C	Z	-40.566	3.25
57	MP1C	Mx	0	3.25
58	MP4A	X	17.082	2.1
59	MP4A	Z	-9.862	2.1
60	MP4A	Mx	.009	2.1
61	MP4B	X	17.082	2.1
62	MP4B	Z	-9.862	2.1
63	MP4B	Mx	-.009	2.1
64	MP4C	X	13.264	2.1
65	MP4C	Z	-7.658	2.1
66	MP4C	Mx	0	2.1
67	MP2A	X	41.853	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	-24.164	2.1
69	MP2A	Mx	.028	2.1
70	MP2B	X	41.853	2.1
71	MP2B	Z	-24.164	2.1
72	MP2B	Mx	-.028	2.1
73	MP2C	X	55.564	2.1
74	MP2C	Z	-32.08	2.1
75	MP2C	Mx	0	2.1
76	MP3A	X	36.744	2.1
77	MP3A	Z	-21.214	2.1
78	MP3A	Mx	.024	2.1
79	MP3B	X	36.744	2.1
80	MP3B	Z	-21.214	2.1
81	MP3B	Mx	-.024	2.1
82	MP3C	X	55.564	2.1
83	MP3C	Z	-32.08	2.1
84	MP3C	Mx	0	2.1
85	OVP	X	71.696	.75
86	OVP	Z	-41.394	.75
87	OVP	Mx	.055	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	111.763	.75
2	OVP	Z	0	.75
3	OVP	Mx	-.065	.75
4	MP3A	X	123.836	.25
5	MP3A	Z	0	.25
6	MP3A	Mx	-.083	.25
7	MP3A	X	123.836	4.25
8	MP3A	Z	0	4.25
9	MP3A	Mx	-.083	4.25
10	MP3B	X	172.37	.25
11	MP3B	Z	0	.25
12	MP3B	Mx	.157	.25
13	MP3B	X	172.37	4.25
14	MP3B	Z	0	4.25
15	MP3B	Mx	.157	4.25
16	MP3C	X	172.37	.25
17	MP3C	Z	0	.25
18	MP3C	Mx	-.042	.25
19	MP3C	X	172.37	4.25
20	MP3C	Z	0	4.25
21	MP3C	Mx	-.042	4.25
22	MP3A	X	123.836	.25
23	MP3A	Z	0	.25
24	MP3A	Mx	-.083	.25
25	MP3A	X	123.836	4.25
26	MP3A	Z	0	4.25
27	MP3A	Mx	-.083	4.25
28	MP3B	X	172.37	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	0	.25
30	MP3B	Mx	-.042	.25
31	MP3B	X	172.37	4.25
32	MP3B	Z	0	4.25
33	MP3B	Mx	-.042	4.25
34	MP3C	X	172.37	.25
35	MP3C	Z	0	.25
36	MP3C	Mx	.157	.25
37	MP3C	X	172.37	4.25
38	MP3C	Z	0	4.25
39	MP3C	Mx	.157	4.25
40	MP1A	X	27.941	1.25
41	MP1A	Z	0	1.25
42	MP1A	Mx	-.019	1.25
43	MP1A	X	27.941	3.25
44	MP1A	Z	0	3.25
45	MP1A	Mx	-.019	3.25
46	MP1B	X	67.834	1.25
47	MP1B	Z	0	1.25
48	MP1B	Mx	.023	1.25
49	MP1B	X	67.834	3.25
50	MP1B	Z	0	3.25
51	MP1B	Mx	.023	3.25
52	MP1C	X	67.834	1.25
53	MP1C	Z	0	1.25
54	MP1C	Mx	.023	1.25
55	MP1C	X	67.834	3.25
56	MP1C	Z	0	3.25
57	MP1C	Mx	.023	3.25
58	MP4A	X	21.194	2.1
59	MP4A	Z	0	2.1
60	MP4A	Mx	.011	2.1
61	MP4B	X	16.785	2.1
62	MP4B	Z	0	2.1
63	MP4B	Mx	-.004	2.1
64	MP4C	X	16.785	2.1
65	MP4C	Z	0	2.1
66	MP4C	Mx	-.004	2.1
67	MP2A	X	43.049	2.1
68	MP2A	Z	0	2.1
69	MP2A	Mx	.029	2.1
70	MP2B	X	58.883	2.1
71	MP2B	Z	0	2.1
72	MP2B	Mx	-.02	2.1
73	MP2C	X	58.883	2.1
74	MP2C	Z	0	2.1
75	MP2C	Mx	-.02	2.1
76	MP3A	X	35.185	2.1
77	MP3A	Z	0	2.1
78	MP3A	Mx	.023	2.1
79	MP3B	X	56.916	2.1
80	MP3B	Z	0	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	-.019	2.1
82	MP3C	X	56.916	2.1
83	MP3C	Z	0	2.1
84	MP3C	Mx	-.019	2.1
85	OVP	X	111.763	.75
86	OVP	Z	0	.75
87	OVP	Mx	.065	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	146.977	.75
2	OVP	Z	84.857	.75
3	OVP	Mx	-.057	.75
4	MP3A	X	121.256	.25
5	MP3A	Z	70.007	.25
6	MP3A	Mx	-.128	.25
7	MP3A	X	121.256	4.25
8	MP3A	Z	70.007	4.25
9	MP3A	Mx	-.128	4.25
10	MP3B	X	163.288	.25
11	MP3B	Z	94.274	.25
12	MP3B	Mx	.126	.25
13	MP3B	X	163.288	4.25
14	MP3B	Z	94.274	4.25
15	MP3B	Mx	.126	4.25
16	MP3C	X	121.256	.25
17	MP3C	Z	70.007	.25
18	MP3C	Mx	.034	.25
19	MP3C	X	121.256	4.25
20	MP3C	Z	70.007	4.25
21	MP3C	Mx	.034	4.25
22	MP3A	X	121.256	.25
23	MP3A	Z	70.007	.25
24	MP3A	Mx	-.034	.25
25	MP3A	X	121.256	4.25
26	MP3A	Z	70.007	4.25
27	MP3A	Mx	-.034	4.25
28	MP3B	X	163.288	.25
29	MP3B	Z	94.274	.25
30	MP3B	Mx	-.126	.25
31	MP3B	X	163.288	4.25
32	MP3B	Z	94.274	4.25
33	MP3B	Mx	-.126	4.25
34	MP3C	X	121.256	.25
35	MP3C	Z	70.007	.25
36	MP3C	Mx	.128	.25
37	MP3C	X	121.256	4.25
38	MP3C	Z	70.007	4.25
39	MP3C	Mx	.128	4.25
40	MP1A	X	35.714	1.25
41	MP1A	Z	20.619	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP1A	Mx	-.024	1.25
43	MP1A	X	35.714	3.25
44	MP1A	Z	20.619	3.25
45	MP1A	Mx	-.024	3.25
46	MP1B	X	70.262	1.25
47	MP1B	Z	40.566	1.25
48	MP1B	Mx	0	1.25
49	MP1B	X	70.262	3.25
50	MP1B	Z	40.566	3.25
51	MP1B	Mx	0	3.25
52	MP1C	X	35.714	1.25
53	MP1C	Z	20.619	1.25
54	MP1C	Mx	.024	1.25
55	MP1C	X	35.714	3.25
56	MP1C	Z	20.619	3.25
57	MP1C	Mx	.024	3.25
58	MP4A	X	17.082	2.1
59	MP4A	Z	9.862	2.1
60	MP4A	Mx	.009	2.1
61	MP4B	X	13.264	2.1
62	MP4B	Z	7.658	2.1
63	MP4B	Mx	0	2.1
64	MP4C	X	17.082	2.1
65	MP4C	Z	9.862	2.1
66	MP4C	Mx	-.009	2.1
67	MP2A	X	41.853	2.1
68	MP2A	Z	24.164	2.1
69	MP2A	Mx	.028	2.1
70	MP2B	X	55.564	2.1
71	MP2B	Z	32.08	2.1
72	MP2B	Mx	0	2.1
73	MP2C	X	41.853	2.1
74	MP2C	Z	24.164	2.1
75	MP2C	Mx	-.028	2.1
76	MP3A	X	36.744	2.1
77	MP3A	Z	21.214	2.1
78	MP3A	Mx	.024	2.1
79	MP3B	X	55.564	2.1
80	MP3B	Z	32.08	2.1
81	MP3B	Mx	0	2.1
82	MP3C	X	36.744	2.1
83	MP3C	Z	21.214	2.1
84	MP3C	Mx	-.024	2.1
85	OVP	X	146.977	.75
86	OVP	Z	84.857	.75
87	OVP	Mx	.057	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	99.345	.75
2	OVP	Z	172.07	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	OVP	Mx	0	.75
4	MP3A	X	86.185	.25
5	MP3A	Z	149.277	.25
6	MP3A	Mx	-.157	.25
7	MP3A	X	86.185	4.25
8	MP3A	Z	149.277	4.25
9	MP3A	Mx	-.157	4.25
10	MP3B	X	86.185	.25
11	MP3B	Z	149.277	.25
12	MP3B	Mx	.042	.25
13	MP3B	X	86.185	4.25
14	MP3B	Z	149.277	4.25
15	MP3B	Mx	.042	4.25
16	MP3C	X	61.918	.25
17	MP3C	Z	107.245	.25
18	MP3C	Mx	.083	.25
19	MP3C	X	61.918	4.25
20	MP3C	Z	107.245	4.25
21	MP3C	Mx	.083	4.25
22	MP3A	X	86.185	.25
23	MP3A	Z	149.277	.25
24	MP3A	Mx	.042	.25
25	MP3A	X	86.185	4.25
26	MP3A	Z	149.277	4.25
27	MP3A	Mx	.042	4.25
28	MP3B	X	86.185	.25
29	MP3B	Z	149.277	.25
30	MP3B	Mx	-.157	.25
31	MP3B	X	86.185	4.25
32	MP3B	Z	149.277	4.25
33	MP3B	Mx	-.157	4.25
34	MP3C	X	61.918	.25
35	MP3C	Z	107.245	.25
36	MP3C	Mx	.083	.25
37	MP3C	X	61.918	4.25
38	MP3C	Z	107.245	4.25
39	MP3C	Mx	.083	4.25
40	MP1A	X	33.917	1.25
41	MP1A	Z	58.746	1.25
42	MP1A	Mx	-.023	1.25
43	MP1A	X	33.917	3.25
44	MP1A	Z	58.746	3.25
45	MP1A	Mx	-.023	3.25
46	MP1B	X	33.917	1.25
47	MP1B	Z	58.746	1.25
48	MP1B	Mx	-.023	1.25
49	MP1B	X	33.917	3.25
50	MP1B	Z	58.746	3.25
51	MP1B	Mx	-.023	3.25
52	MP1C	X	13.97	1.25
53	MP1C	Z	24.197	1.25
54	MP1C	Mx	.019	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP1C	X	13.97	3.25
56	MP1C	Z	24.197	3.25
57	MP1C	Mx	.019	3.25
58	MP4A	X	8.393	2.1
59	MP4A	Z	14.536	2.1
60	MP4A	Mx	.004	2.1
61	MP4B	X	8.393	2.1
62	MP4B	Z	14.536	2.1
63	MP4B	Mx	.004	2.1
64	MP4C	X	10.597	2.1
65	MP4C	Z	18.354	2.1
66	MP4C	Mx	-.011	2.1
67	MP2A	X	29.441	2.1
68	MP2A	Z	50.994	2.1
69	MP2A	Mx	.02	2.1
70	MP2B	X	29.441	2.1
71	MP2B	Z	50.994	2.1
72	MP2B	Mx	.02	2.1
73	MP2C	X	21.525	2.1
74	MP2C	Z	37.282	2.1
75	MP2C	Mx	-.029	2.1
76	MP3A	X	28.458	2.1
77	MP3A	Z	49.291	2.1
78	MP3A	Mx	.019	2.1
79	MP3B	X	28.458	2.1
80	MP3B	Z	49.291	2.1
81	MP3B	Mx	.019	2.1
82	MP3C	X	17.592	2.1
83	MP3C	Z	30.471	2.1
84	MP3C	Mx	-.023	2.1
85	OVP	X	99.345	.75
86	OVP	Z	172.07	.75
87	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	0	.75
2	OVP	Z	169.714	.75
3	OVP	Mx	.057	.75
4	MP3A	X	0	.25
5	MP3A	Z	188.548	.25
6	MP3A	Mx	-.126	.25
7	MP3A	X	0	4.25
8	MP3A	Z	188.548	4.25
9	MP3A	Mx	-.126	4.25
10	MP3B	X	0	.25
11	MP3B	Z	140.014	.25
12	MP3B	Mx	-.034	.25
13	MP3B	X	0	4.25
14	MP3B	Z	140.014	4.25
15	MP3B	Mx	-.034	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	0	.25
17	MP3C	Z	140.014	.25
18	MP3C	Mx	.128	.25
19	MP3C	X	0	4.25
20	MP3C	Z	140.014	4.25
21	MP3C	Mx	.128	4.25
22	MP3A	X	0	.25
23	MP3A	Z	188.548	.25
24	MP3A	Mx	.126	.25
25	MP3A	X	0	4.25
26	MP3A	Z	188.548	4.25
27	MP3A	Mx	.126	4.25
28	MP3B	X	0	.25
29	MP3B	Z	140.014	.25
30	MP3B	Mx	-.128	.25
31	MP3B	X	0	4.25
32	MP3B	Z	140.014	4.25
33	MP3B	Mx	-.128	4.25
34	MP3C	X	0	.25
35	MP3C	Z	140.014	.25
36	MP3C	Mx	.034	.25
37	MP3C	X	0	4.25
38	MP3C	Z	140.014	4.25
39	MP3C	Mx	.034	4.25
40	MP1A	X	0	1.25
41	MP1A	Z	81.132	1.25
42	MP1A	Mx	0	1.25
43	MP1A	X	0	3.25
44	MP1A	Z	81.132	3.25
45	MP1A	Mx	0	3.25
46	MP1B	X	0	1.25
47	MP1B	Z	41.238	1.25
48	MP1B	Mx	-.024	1.25
49	MP1B	X	0	3.25
50	MP1B	Z	41.238	3.25
51	MP1B	Mx	-.024	3.25
52	MP1C	X	0	1.25
53	MP1C	Z	41.238	1.25
54	MP1C	Mx	.024	1.25
55	MP1C	X	0	3.25
56	MP1C	Z	41.238	3.25
57	MP1C	Mx	.024	3.25
58	MP4A	X	0	2.1
59	MP4A	Z	15.316	2.1
60	MP4A	Mx	0	2.1
61	MP4B	X	0	2.1
62	MP4B	Z	19.724	2.1
63	MP4B	Mx	.009	2.1
64	MP4C	X	0	2.1
65	MP4C	Z	19.724	2.1
66	MP4C	Mx	-.009	2.1
67	MP2A	X	0	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	64.16	2.1
69	MP2A	Mx	0	2.1
70	MP2B	X	0	2.1
71	MP2B	Z	48.327	2.1
72	MP2B	Mx	.028	2.1
73	MP2C	X	0	2.1
74	MP2C	Z	48.327	2.1
75	MP2C	Mx	-.028	2.1
76	MP3A	X	0	2.1
77	MP3A	Z	64.16	2.1
78	MP3A	Mx	0	2.1
79	MP3B	X	0	2.1
80	MP3B	Z	42.429	2.1
81	MP3B	Mx	.024	2.1
82	MP3C	X	0	2.1
83	MP3C	Z	42.429	2.1
84	MP3C	Mx	-.024	2.1
85	OVP	X	0	.75
86	OVP	Z	169.714	.75
87	OVP	Mx	-.057	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-55.882	.75
2	OVP	Z	96.79	.75
3	OVP	Mx	.065	.75
4	MP3A	X	-86.185	.25
5	MP3A	Z	149.277	.25
6	MP3A	Mx	-.042	.25
7	MP3A	X	-86.185	4.25
8	MP3A	Z	149.277	4.25
9	MP3A	Mx	-.042	4.25
10	MP3B	X	-61.918	.25
11	MP3B	Z	107.245	.25
12	MP3B	Mx	-.083	.25
13	MP3B	X	-61.918	4.25
14	MP3B	Z	107.245	4.25
15	MP3B	Mx	-.083	4.25
16	MP3C	X	-86.185	.25
17	MP3C	Z	149.277	.25
18	MP3C	Mx	.157	.25
19	MP3C	X	-86.185	4.25
20	MP3C	Z	149.277	4.25
21	MP3C	Mx	.157	4.25
22	MP3A	X	-86.185	.25
23	MP3A	Z	149.277	.25
24	MP3A	Mx	.157	.25
25	MP3A	X	-86.185	4.25
26	MP3A	Z	149.277	4.25
27	MP3A	Mx	.157	4.25
28	MP3B	X	-61.918	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	107.245	.25
30	MP3B	Mx	-.083	.25
31	MP3B	X	-61.918	4.25
32	MP3B	Z	107.245	4.25
33	MP3B	Mx	-.083	4.25
34	MP3C	X	-86.185	.25
35	MP3C	Z	149.277	.25
36	MP3C	Mx	-.042	.25
37	MP3C	X	-86.185	4.25
38	MP3C	Z	149.277	4.25
39	MP3C	Mx	-.042	4.25
40	MP1A	X	-33.917	1.25
41	MP1A	Z	58.746	1.25
42	MP1A	Mx	.023	1.25
43	MP1A	X	-33.917	3.25
44	MP1A	Z	58.746	3.25
45	MP1A	Mx	.023	3.25
46	MP1B	X	-13.97	1.25
47	MP1B	Z	24.197	1.25
48	MP1B	Mx	-.019	1.25
49	MP1B	X	-13.97	3.25
50	MP1B	Z	24.197	3.25
51	MP1B	Mx	-.019	3.25
52	MP1C	X	-33.917	1.25
53	MP1C	Z	58.746	1.25
54	MP1C	Mx	.023	1.25
55	MP1C	X	-33.917	3.25
56	MP1C	Z	58.746	3.25
57	MP1C	Mx	.023	3.25
58	MP4A	X	-8.393	2.1
59	MP4A	Z	14.536	2.1
60	MP4A	Mx	-.004	2.1
61	MP4B	X	-10.597	2.1
62	MP4B	Z	18.354	2.1
63	MP4B	Mx	.011	2.1
64	MP4C	X	-8.393	2.1
65	MP4C	Z	14.536	2.1
66	MP4C	Mx	-.004	2.1
67	MP2A	X	-29.441	2.1
68	MP2A	Z	50.994	2.1
69	MP2A	Mx	-.02	2.1
70	MP2B	X	-21.525	2.1
71	MP2B	Z	37.282	2.1
72	MP2B	Mx	.029	2.1
73	MP2C	X	-29.441	2.1
74	MP2C	Z	50.994	2.1
75	MP2C	Mx	-.02	2.1
76	MP3A	X	-28.458	2.1
77	MP3A	Z	49.291	2.1
78	MP3A	Mx	-.019	2.1
79	MP3B	X	-17.592	2.1
80	MP3B	Z	30.471	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	.023	2.1
82	MP3C	X	-28.458	2.1
83	MP3C	Z	49.291	2.1
84	MP3C	Mx	-.019	2.1
85	OVP	X	-55.882	.75
86	OVP	Z	96.79	.75
87	OVP	Mx	-.065	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-71.696	.75
2	OVP	Z	41.394	.75
3	OVP	Mx	.055	.75
4	MP3A	X	-121.256	.25
5	MP3A	Z	70.007	.25
6	MP3A	Mx	.034	.25
7	MP3A	X	-121.256	4.25
8	MP3A	Z	70.007	4.25
9	MP3A	Mx	.034	4.25
10	MP3B	X	-121.256	.25
11	MP3B	Z	70.007	.25
12	MP3B	Mx	-.128	.25
13	MP3B	X	-121.256	4.25
14	MP3B	Z	70.007	4.25
15	MP3B	Mx	-.128	4.25
16	MP3C	X	-163.288	.25
17	MP3C	Z	94.274	.25
18	MP3C	Mx	.126	.25
19	MP3C	X	-163.288	4.25
20	MP3C	Z	94.274	4.25
21	MP3C	Mx	.126	4.25
22	MP3A	X	-121.256	.25
23	MP3A	Z	70.007	.25
24	MP3A	Mx	.128	.25
25	MP3A	X	-121.256	4.25
26	MP3A	Z	70.007	4.25
27	MP3A	Mx	.128	4.25
28	MP3B	X	-121.256	.25
29	MP3B	Z	70.007	.25
30	MP3B	Mx	-.034	.25
31	MP3B	X	-121.256	4.25
32	MP3B	Z	70.007	4.25
33	MP3B	Mx	-.034	4.25
34	MP3C	X	-163.288	.25
35	MP3C	Z	94.274	.25
36	MP3C	Mx	-.126	.25
37	MP3C	X	-163.288	4.25
38	MP3C	Z	94.274	4.25
39	MP3C	Mx	-.126	4.25
40	MP1A	X	-35.714	1.25
41	MP1A	Z	20.619	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP1A	Mx	.024	1.25
43	MP1A	X	-35.714	3.25
44	MP1A	Z	20.619	3.25
45	MP1A	Mx	.024	3.25
46	MP1B	X	-35.714	1.25
47	MP1B	Z	20.619	1.25
48	MP1B	Mx	-.024	1.25
49	MP1B	X	-35.714	3.25
50	MP1B	Z	20.619	3.25
51	MP1B	Mx	-.024	3.25
52	MP1C	X	-70.262	1.25
53	MP1C	Z	40.566	1.25
54	MP1C	Mx	0	1.25
55	MP1C	X	-70.262	3.25
56	MP1C	Z	40.566	3.25
57	MP1C	Mx	0	3.25
58	MP4A	X	-17.082	2.1
59	MP4A	Z	9.862	2.1
60	MP4A	Mx	-.009	2.1
61	MP4B	X	-17.082	2.1
62	MP4B	Z	9.862	2.1
63	MP4B	Mx	.009	2.1
64	MP4C	X	-13.264	2.1
65	MP4C	Z	7.658	2.1
66	MP4C	Mx	0	2.1
67	MP2A	X	-41.853	2.1
68	MP2A	Z	24.164	2.1
69	MP2A	Mx	-.028	2.1
70	MP2B	X	-41.853	2.1
71	MP2B	Z	24.164	2.1
72	MP2B	Mx	.028	2.1
73	MP2C	X	-55.564	2.1
74	MP2C	Z	32.08	2.1
75	MP2C	Mx	0	2.1
76	MP3A	X	-36.744	2.1
77	MP3A	Z	21.214	2.1
78	MP3A	Mx	-.024	2.1
79	MP3B	X	-36.744	2.1
80	MP3B	Z	21.214	2.1
81	MP3B	Mx	.024	2.1
82	MP3C	X	-55.564	2.1
83	MP3C	Z	32.08	2.1
84	MP3C	Mx	0	2.1
85	OVP	X	-71.696	.75
86	OVP	Z	41.394	.75
87	OVP	Mx	-.055	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-111.763	.75
2	OVP	Z	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	OVP	Mx	.065	.75
4	MP3A	X	-123.836	.25
5	MP3A	Z	0	.25
6	MP3A	Mx	.083	.25
7	MP3A	X	-123.836	4.25
8	MP3A	Z	0	4.25
9	MP3A	Mx	.083	4.25
10	MP3B	X	-172.37	.25
11	MP3B	Z	0	.25
12	MP3B	Mx	-.157	.25
13	MP3B	X	-172.37	4.25
14	MP3B	Z	0	4.25
15	MP3B	Mx	-.157	4.25
16	MP3C	X	-172.37	.25
17	MP3C	Z	0	.25
18	MP3C	Mx	.042	.25
19	MP3C	X	-172.37	4.25
20	MP3C	Z	0	4.25
21	MP3C	Mx	.042	4.25
22	MP3A	X	-123.836	.25
23	MP3A	Z	0	.25
24	MP3A	Mx	.083	.25
25	MP3A	X	-123.836	4.25
26	MP3A	Z	0	4.25
27	MP3A	Mx	.083	4.25
28	MP3B	X	-172.37	.25
29	MP3B	Z	0	.25
30	MP3B	Mx	.042	.25
31	MP3B	X	-172.37	4.25
32	MP3B	Z	0	4.25
33	MP3B	Mx	.042	4.25
34	MP3C	X	-172.37	.25
35	MP3C	Z	0	.25
36	MP3C	Mx	-.157	.25
37	MP3C	X	-172.37	4.25
38	MP3C	Z	0	4.25
39	MP3C	Mx	-.157	4.25
40	MP1A	X	-27.941	1.25
41	MP1A	Z	0	1.25
42	MP1A	Mx	.019	1.25
43	MP1A	X	-27.941	3.25
44	MP1A	Z	0	3.25
45	MP1A	Mx	.019	3.25
46	MP1B	X	-67.834	1.25
47	MP1B	Z	0	1.25
48	MP1B	Mx	-.023	1.25
49	MP1B	X	-67.834	3.25
50	MP1B	Z	0	3.25
51	MP1B	Mx	-.023	3.25
52	MP1C	X	-67.834	1.25
53	MP1C	Z	0	1.25
54	MP1C	Mx	-.023	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP1C	X	-67.834	3.25
56	MP1C	Z	0	3.25
57	MP1C	Mx	-.023	3.25
58	MP4A	X	-21.194	2.1
59	MP4A	Z	0	2.1
60	MP4A	Mx	-.011	2.1
61	MP4B	X	-16.785	2.1
62	MP4B	Z	0	2.1
63	MP4B	Mx	.004	2.1
64	MP4C	X	-16.785	2.1
65	MP4C	Z	0	2.1
66	MP4C	Mx	.004	2.1
67	MP2A	X	-43.049	2.1
68	MP2A	Z	0	2.1
69	MP2A	Mx	-.029	2.1
70	MP2B	X	-58.883	2.1
71	MP2B	Z	0	2.1
72	MP2B	Mx	.02	2.1
73	MP2C	X	-58.883	2.1
74	MP2C	Z	0	2.1
75	MP2C	Mx	.02	2.1
76	MP3A	X	-35.185	2.1
77	MP3A	Z	0	2.1
78	MP3A	Mx	-.023	2.1
79	MP3B	X	-56.916	2.1
80	MP3B	Z	0	2.1
81	MP3B	Mx	.019	2.1
82	MP3C	X	-56.916	2.1
83	MP3C	Z	0	2.1
84	MP3C	Mx	.019	2.1
85	OVP	X	-111.763	.75
86	OVP	Z	0	.75
87	OVP	Mx	-.065	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-146.977	.75
2	OVP	Z	-84.857	.75
3	OVP	Mx	.057	.75
4	MP3A	X	-121.256	.25
5	MP3A	Z	-70.007	.25
6	MP3A	Mx	.128	.25
7	MP3A	X	-121.256	4.25
8	MP3A	Z	-70.007	4.25
9	MP3A	Mx	.128	4.25
10	MP3B	X	-163.288	.25
11	MP3B	Z	-94.274	.25
12	MP3B	Mx	-.126	.25
13	MP3B	X	-163.288	4.25
14	MP3B	Z	-94.274	4.25
15	MP3B	Mx	-.126	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	-121.256	.25
17	MP3C	Z	-70.007	.25
18	MP3C	Mx	-.034	.25
19	MP3C	X	-121.256	4.25
20	MP3C	Z	-70.007	4.25
21	MP3C	Mx	-.034	4.25
22	MP3A	X	-121.256	.25
23	MP3A	Z	-70.007	.25
24	MP3A	Mx	.034	.25
25	MP3A	X	-121.256	4.25
26	MP3A	Z	-70.007	4.25
27	MP3A	Mx	.034	4.25
28	MP3B	X	-163.288	.25
29	MP3B	Z	-94.274	.25
30	MP3B	Mx	.126	.25
31	MP3B	X	-163.288	4.25
32	MP3B	Z	-94.274	4.25
33	MP3B	Mx	.126	4.25
34	MP3C	X	-121.256	.25
35	MP3C	Z	-70.007	.25
36	MP3C	Mx	-.128	.25
37	MP3C	X	-121.256	4.25
38	MP3C	Z	-70.007	4.25
39	MP3C	Mx	-.128	4.25
40	MP1A	X	-35.714	1.25
41	MP1A	Z	-20.619	1.25
42	MP1A	Mx	.024	1.25
43	MP1A	X	-35.714	3.25
44	MP1A	Z	-20.619	3.25
45	MP1A	Mx	.024	3.25
46	MP1B	X	-70.262	1.25
47	MP1B	Z	-40.566	1.25
48	MP1B	Mx	0	1.25
49	MP1B	X	-70.262	3.25
50	MP1B	Z	-40.566	3.25
51	MP1B	Mx	0	3.25
52	MP1C	X	-35.714	1.25
53	MP1C	Z	-20.619	1.25
54	MP1C	Mx	-.024	1.25
55	MP1C	X	-35.714	3.25
56	MP1C	Z	-20.619	3.25
57	MP1C	Mx	-.024	3.25
58	MP4A	X	-17.082	2.1
59	MP4A	Z	-9.862	2.1
60	MP4A	Mx	-.009	2.1
61	MP4B	X	-13.264	2.1
62	MP4B	Z	-7.658	2.1
63	MP4B	Mx	0	2.1
64	MP4C	X	-17.082	2.1
65	MP4C	Z	-9.862	2.1
66	MP4C	Mx	.009	2.1
67	MP2A	X	-41.853	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	-24.164	2.1
69	MP2A	Mx	-.028	2.1
70	MP2B	X	-55.564	2.1
71	MP2B	Z	-32.08	2.1
72	MP2B	Mx	0	2.1
73	MP2C	X	-41.853	2.1
74	MP2C	Z	-24.164	2.1
75	MP2C	Mx	.028	2.1
76	MP3A	X	-36.744	2.1
77	MP3A	Z	-21.214	2.1
78	MP3A	Mx	-.024	2.1
79	MP3B	X	-55.564	2.1
80	MP3B	Z	-32.08	2.1
81	MP3B	Mx	0	2.1
82	MP3C	X	-36.744	2.1
83	MP3C	Z	-21.214	2.1
84	MP3C	Mx	.024	2.1
85	OVP	X	-146.977	.75
86	OVP	Z	-84.857	.75
87	OVP	Mx	-.057	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-99.345	.75
2	OVP	Z	-172.07	.75
3	OVP	Mx	0	.75
4	MP3A	X	-86.185	.25
5	MP3A	Z	-149.277	.25
6	MP3A	Mx	.157	.25
7	MP3A	X	-86.185	4.25
8	MP3A	Z	-149.277	4.25
9	MP3A	Mx	.157	4.25
10	MP3B	X	-86.185	.25
11	MP3B	Z	-149.277	.25
12	MP3B	Mx	-.042	.25
13	MP3B	X	-86.185	4.25
14	MP3B	Z	-149.277	4.25
15	MP3B	Mx	-.042	4.25
16	MP3C	X	-61.918	.25
17	MP3C	Z	-107.245	.25
18	MP3C	Mx	-.083	.25
19	MP3C	X	-61.918	4.25
20	MP3C	Z	-107.245	4.25
21	MP3C	Mx	-.083	4.25
22	MP3A	X	-86.185	.25
23	MP3A	Z	-149.277	.25
24	MP3A	Mx	-.042	.25
25	MP3A	X	-86.185	4.25
26	MP3A	Z	-149.277	4.25
27	MP3A	Mx	-.042	4.25
28	MP3B	X	-86.185	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	-149.277	.25
30	MP3B	Mx	.157	.25
31	MP3B	X	-86.185	4.25
32	MP3B	Z	-149.277	4.25
33	MP3B	Mx	.157	4.25
34	MP3C	X	-61.918	.25
35	MP3C	Z	-107.245	.25
36	MP3C	Mx	-.083	.25
37	MP3C	X	-61.918	4.25
38	MP3C	Z	-107.245	4.25
39	MP3C	Mx	-.083	4.25
40	MP1A	X	-33.917	1.25
41	MP1A	Z	-58.746	1.25
42	MP1A	Mx	.023	1.25
43	MP1A	X	-33.917	3.25
44	MP1A	Z	-58.746	3.25
45	MP1A	Mx	.023	3.25
46	MP1B	X	-33.917	1.25
47	MP1B	Z	-58.746	1.25
48	MP1B	Mx	.023	1.25
49	MP1B	X	-33.917	3.25
50	MP1B	Z	-58.746	3.25
51	MP1B	Mx	.023	3.25
52	MP1C	X	-13.97	1.25
53	MP1C	Z	-24.197	1.25
54	MP1C	Mx	-.019	1.25
55	MP1C	X	-13.97	3.25
56	MP1C	Z	-24.197	3.25
57	MP1C	Mx	-.019	3.25
58	MP4A	X	-8.393	2.1
59	MP4A	Z	-14.536	2.1
60	MP4A	Mx	-.004	2.1
61	MP4B	X	-8.393	2.1
62	MP4B	Z	-14.536	2.1
63	MP4B	Mx	-.004	2.1
64	MP4C	X	-10.597	2.1
65	MP4C	Z	-18.354	2.1
66	MP4C	Mx	.011	2.1
67	MP2A	X	-29.441	2.1
68	MP2A	Z	-50.994	2.1
69	MP2A	Mx	-.02	2.1
70	MP2B	X	-29.441	2.1
71	MP2B	Z	-50.994	2.1
72	MP2B	Mx	-.02	2.1
73	MP2C	X	-21.525	2.1
74	MP2C	Z	-37.282	2.1
75	MP2C	Mx	.029	2.1
76	MP3A	X	-28.458	2.1
77	MP3A	Z	-49.291	2.1
78	MP3A	Mx	-.019	2.1
79	MP3B	X	-28.458	2.1
80	MP3B	Z	-49.291	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	-.019	2.1
82	MP3C	X	-17.592	2.1
83	MP3C	Z	-30.471	2.1
84	MP3C	Mx	.023	2.1
85	OVP	X	-99.345	.75
86	OVP	Z	-172.07	.75
87	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	0	.75
2	OVP	Z	-30.443	.75
3	OVP	Mx	-.01	.75
4	MP3A	X	0	.25
5	MP3A	Z	-32.902	.25
6	MP3A	Mx	.022	.25
7	MP3A	X	0	4.25
8	MP3A	Z	-32.902	4.25
9	MP3A	Mx	.022	4.25
10	MP3B	X	0	.25
11	MP3B	Z	-25.027	.25
12	MP3B	Mx	.006	.25
13	MP3B	X	0	4.25
14	MP3B	Z	-25.027	4.25
15	MP3B	Mx	.006	4.25
16	MP3C	X	0	.25
17	MP3C	Z	-25.027	.25
18	MP3C	Mx	-.023	.25
19	MP3C	X	0	4.25
20	MP3C	Z	-25.027	4.25
21	MP3C	Mx	-.023	4.25
22	MP3A	X	0	.25
23	MP3A	Z	-32.902	.25
24	MP3A	Mx	-.022	.25
25	MP3A	X	0	4.25
26	MP3A	Z	-32.902	4.25
27	MP3A	Mx	-.022	4.25
28	MP3B	X	0	.25
29	MP3B	Z	-25.027	.25
30	MP3B	Mx	.023	.25
31	MP3B	X	0	4.25
32	MP3B	Z	-25.027	4.25
33	MP3B	Mx	.023	4.25
34	MP3C	X	0	.25
35	MP3C	Z	-25.027	.25
36	MP3C	Mx	-.006	.25
37	MP3C	X	0	4.25
38	MP3C	Z	-25.027	4.25
39	MP3C	Mx	-.006	4.25
40	MP1A	X	0	1.25
41	MP1A	Z	-17.475	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP1A	Mx	0	1.25
43	MP1A	X	0	3.25
44	MP1A	Z	-17.475	3.25
45	MP1A	Mx	0	3.25
46	MP1B	X	0	1.25
47	MP1B	Z	-9.927	1.25
48	MP1B	Mx	.006	1.25
49	MP1B	X	0	3.25
50	MP1B	Z	-9.927	3.25
51	MP1B	Mx	.006	3.25
52	MP1C	X	0	1.25
53	MP1C	Z	-9.927	1.25
54	MP1C	Mx	-.006	1.25
55	MP1C	X	0	3.25
56	MP1C	Z	-9.927	3.25
57	MP1C	Mx	-.006	3.25
58	MP4A	X	0	2.1
59	MP4A	Z	-3.528	2.1
60	MP4A	Mx	0	2.1
61	MP4B	X	0	2.1
62	MP4B	Z	-4.386	2.1
63	MP4B	Mx	-.002	2.1
64	MP4C	X	0	2.1
65	MP4C	Z	-4.386	2.1
66	MP4C	Mx	.002	2.1
67	MP2A	X	0	2.1
68	MP2A	Z	-14.685	2.1
69	MP2A	Mx	0	2.1
70	MP2B	X	0	2.1
71	MP2B	Z	-11.317	2.1
72	MP2B	Mx	-.007	2.1
73	MP2C	X	0	2.1
74	MP2C	Z	-11.317	2.1
75	MP2C	Mx	.007	2.1
76	MP3A	X	0	2.1
77	MP3A	Z	-14.685	2.1
78	MP3A	Mx	0	2.1
79	MP3B	X	0	2.1
80	MP3B	Z	-10.037	2.1
81	MP3B	Mx	-.006	2.1
82	MP3C	X	0	2.1
83	MP3C	Z	-10.037	2.1
84	MP3C	Mx	.006	2.1
85	OVP	X	0	.75
86	OVP	Z	-30.443	.75
87	OVP	Mx	.01	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	10.339	.75
2	OVP	Z	-17.907	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	OVP	Mx	-.012	.75
4	MP3A	X	15.138	.25
5	MP3A	Z	-26.221	.25
6	MP3A	Mx	.007	.25
7	MP3A	X	15.138	4.25
8	MP3A	Z	-26.221	4.25
9	MP3A	Mx	.007	4.25
10	MP3B	X	11.201	.25
11	MP3B	Z	-19.4	.25
12	MP3B	Mx	.015	.25
13	MP3B	X	11.201	4.25
14	MP3B	Z	-19.4	4.25
15	MP3B	Mx	.015	4.25
16	MP3C	X	15.138	.25
17	MP3C	Z	-26.221	.25
18	MP3C	Mx	-.028	.25
19	MP3C	X	15.138	4.25
20	MP3C	Z	-26.221	4.25
21	MP3C	Mx	-.028	4.25
22	MP3A	X	15.138	.25
23	MP3A	Z	-26.221	.25
24	MP3A	Mx	-.028	.25
25	MP3A	X	15.138	4.25
26	MP3A	Z	-26.221	4.25
27	MP3A	Mx	-.028	4.25
28	MP3B	X	11.201	.25
29	MP3B	Z	-19.4	.25
30	MP3B	Mx	.015	.25
31	MP3B	X	11.201	4.25
32	MP3B	Z	-19.4	4.25
33	MP3B	Mx	.015	4.25
34	MP3C	X	15.138	.25
35	MP3C	Z	-26.221	.25
36	MP3C	Mx	.007	.25
37	MP3C	X	15.138	4.25
38	MP3C	Z	-26.221	4.25
39	MP3C	Mx	.007	4.25
40	MP1A	X	7.479	1.25
41	MP1A	Z	-12.955	1.25
42	MP1A	Mx	-.005	1.25
43	MP1A	X	7.479	3.25
44	MP1A	Z	-12.955	3.25
45	MP1A	Mx	-.005	3.25
46	MP1B	X	3.705	1.25
47	MP1B	Z	-6.418	1.25
48	MP1B	Mx	.005	1.25
49	MP1B	X	3.705	3.25
50	MP1B	Z	-6.418	3.25
51	MP1B	Mx	.005	3.25
52	MP1C	X	7.479	1.25
53	MP1C	Z	-12.955	1.25
54	MP1C	Mx	-.005	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP1C	X	7.479	3.25
56	MP1C	Z	-12.955	3.25
57	MP1C	Mx	-.005	3.25
58	MP4A	X	1.907	2.1
59	MP4A	Z	-3.303	2.1
60	MP4A	Mx	.000954	2.1
61	MP4B	X	2.336	2.1
62	MP4B	Z	-4.046	2.1
63	MP4B	Mx	-.002	2.1
64	MP4C	X	1.907	2.1
65	MP4C	Z	-3.303	2.1
66	MP4C	Mx	.000953	2.1
67	MP2A	X	6.781	2.1
68	MP2A	Z	-11.745	2.1
69	MP2A	Mx	.005	2.1
70	MP2B	X	5.097	2.1
71	MP2B	Z	-8.828	2.1
72	MP2B	Mx	-.007	2.1
73	MP2C	X	6.781	2.1
74	MP2C	Z	-11.745	2.1
75	MP2C	Mx	.005	2.1
76	MP3A	X	6.568	2.1
77	MP3A	Z	-11.376	2.1
78	MP3A	Mx	.004	2.1
79	MP3B	X	4.244	2.1
80	MP3B	Z	-7.35	2.1
81	MP3B	Mx	-.006	2.1
82	MP3C	X	6.568	2.1
83	MP3C	Z	-11.376	2.1
84	MP3C	Mx	.004	2.1
85	OVP	X	10.339	.75
86	OVP	Z	-17.907	.75
87	OVP	Mx	.012	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	13.679	.75
2	OVP	Z	-7.898	.75
3	OVP	Mx	-.011	.75
4	MP3A	X	21.674	.25
5	MP3A	Z	-12.513	.25
6	MP3A	Mx	-.006	.25
7	MP3A	X	21.674	4.25
8	MP3A	Z	-12.513	4.25
9	MP3A	Mx	-.006	4.25
10	MP3B	X	21.674	.25
11	MP3B	Z	-12.513	.25
12	MP3B	Mx	.023	.25
13	MP3B	X	21.674	4.25
14	MP3B	Z	-12.513	4.25
15	MP3B	Mx	.023	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	28.494	.25
17	MP3C	Z	-16.451	.25
18	MP3C	Mx	-.022	.25
19	MP3C	X	28.494	4.25
20	MP3C	Z	-16.451	4.25
21	MP3C	Mx	-.022	4.25
22	MP3A	X	21.674	.25
23	MP3A	Z	-12.513	.25
24	MP3A	Mx	-.023	.25
25	MP3A	X	21.674	4.25
26	MP3A	Z	-12.513	4.25
27	MP3A	Mx	-.023	4.25
28	MP3B	X	21.674	.25
29	MP3B	Z	-12.513	.25
30	MP3B	Mx	.006	.25
31	MP3B	X	21.674	4.25
32	MP3B	Z	-12.513	4.25
33	MP3B	Mx	.006	4.25
34	MP3C	X	28.494	.25
35	MP3C	Z	-16.451	.25
36	MP3C	Mx	.022	.25
37	MP3C	X	28.494	4.25
38	MP3C	Z	-16.451	4.25
39	MP3C	Mx	.022	4.25
40	MP1A	X	8.597	1.25
41	MP1A	Z	-4.963	1.25
42	MP1A	Mx	-.006	1.25
43	MP1A	X	8.597	3.25
44	MP1A	Z	-4.963	3.25
45	MP1A	Mx	-.006	3.25
46	MP1B	X	8.597	1.25
47	MP1B	Z	-4.963	1.25
48	MP1B	Mx	.006	1.25
49	MP1B	X	8.597	3.25
50	MP1B	Z	-4.963	3.25
51	MP1B	Mx	.006	3.25
52	MP1C	X	15.134	1.25
53	MP1C	Z	-8.737	1.25
54	MP1C	Mx	0	1.25
55	MP1C	X	15.134	3.25
56	MP1C	Z	-8.737	3.25
57	MP1C	Mx	0	3.25
58	MP4A	X	3.799	2.1
59	MP4A	Z	-2.193	2.1
60	MP4A	Mx	.002	2.1
61	MP4B	X	3.799	2.1
62	MP4B	Z	-2.193	2.1
63	MP4B	Mx	-.002	2.1
64	MP4C	X	3.056	2.1
65	MP4C	Z	-1.764	2.1
66	MP4C	Mx	0	2.1
67	MP2A	X	9.801	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	-5.658	2.1
69	MP2A	Mx	.007	2.1
70	MP2B	X	9.801	2.1
71	MP2B	Z	-5.658	2.1
72	MP2B	Mx	-.007	2.1
73	MP2C	X	12.718	2.1
74	MP2C	Z	-7.343	2.1
75	MP2C	Mx	0	2.1
76	MP3A	X	8.692	2.1
77	MP3A	Z	-5.018	2.1
78	MP3A	Mx	.006	2.1
79	MP3B	X	8.692	2.1
80	MP3B	Z	-5.018	2.1
81	MP3B	Mx	-.006	2.1
82	MP3C	X	12.718	2.1
83	MP3C	Z	-7.343	2.1
84	MP3C	Mx	0	2.1
85	OVP	X	13.679	.75
86	OVP	Z	-7.898	.75
87	OVP	Mx	.011	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	20.678	.75
2	OVP	Z	0	.75
3	OVP	Mx	-.012	.75
4	MP3A	X	22.401	.25
5	MP3A	Z	0	.25
6	MP3A	Mx	-.015	.25
7	MP3A	X	22.401	4.25
8	MP3A	Z	0	4.25
9	MP3A	Mx	-.015	4.25
10	MP3B	X	30.277	.25
11	MP3B	Z	0	.25
12	MP3B	Mx	.028	.25
13	MP3B	X	30.277	4.25
14	MP3B	Z	0	4.25
15	MP3B	Mx	.028	4.25
16	MP3C	X	30.277	.25
17	MP3C	Z	0	.25
18	MP3C	Mx	-.007	.25
19	MP3C	X	30.277	4.25
20	MP3C	Z	0	4.25
21	MP3C	Mx	-.007	4.25
22	MP3A	X	22.401	.25
23	MP3A	Z	0	.25
24	MP3A	Mx	-.015	.25
25	MP3A	X	22.401	4.25
26	MP3A	Z	0	4.25
27	MP3A	Mx	-.015	4.25
28	MP3B	X	30.277	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	0	.25
30	MP3B	Mx	-.007	.25
31	MP3B	X	30.277	4.25
32	MP3B	Z	0	4.25
33	MP3B	Mx	-.007	4.25
34	MP3C	X	30.277	.25
35	MP3C	Z	0	.25
36	MP3C	Mx	.028	.25
37	MP3C	X	30.277	4.25
38	MP3C	Z	0	4.25
39	MP3C	Mx	.028	4.25
40	MP1A	X	7.411	1.25
41	MP1A	Z	0	1.25
42	MP1A	Mx	-.005	1.25
43	MP1A	X	7.411	3.25
44	MP1A	Z	0	3.25
45	MP1A	Mx	-.005	3.25
46	MP1B	X	14.959	1.25
47	MP1B	Z	0	1.25
48	MP1B	Mx	.005	1.25
49	MP1B	X	14.959	3.25
50	MP1B	Z	0	3.25
51	MP1B	Mx	.005	3.25
52	MP1C	X	14.959	1.25
53	MP1C	Z	0	1.25
54	MP1C	Mx	.005	1.25
55	MP1C	X	14.959	3.25
56	MP1C	Z	0	3.25
57	MP1C	Mx	.005	3.25
58	MP4A	X	4.672	2.1
59	MP4A	Z	0	2.1
60	MP4A	Mx	.002	2.1
61	MP4B	X	3.814	2.1
62	MP4B	Z	0	2.1
63	MP4B	Mx	-.000954	2.1
64	MP4C	X	3.814	2.1
65	MP4C	Z	0	2.1
66	MP4C	Mx	-.000954	2.1
67	MP2A	X	10.194	2.1
68	MP2A	Z	0	2.1
69	MP2A	Mx	.007	2.1
70	MP2B	X	13.563	2.1
71	MP2B	Z	0	2.1
72	MP2B	Mx	-.005	2.1
73	MP2C	X	13.563	2.1
74	MP2C	Z	0	2.1
75	MP2C	Mx	-.005	2.1
76	MP3A	X	8.487	2.1
77	MP3A	Z	0	2.1
78	MP3A	Mx	.006	2.1
79	MP3B	X	13.136	2.1
80	MP3B	Z	0	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	-.004	2.1
82	MP3C	X	13.136	2.1
83	MP3C	Z	0	2.1
84	MP3C	Mx	-.004	2.1
85	OVP	X	20.678	.75
86	OVP	Z	0	.75
87	OVP	Mx	.012	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	26.364	.75
2	OVP	Z	15.221	.75
3	OVP	Mx	-.01	.75
4	MP3A	X	21.674	.25
5	MP3A	Z	12.513	.25
6	MP3A	Mx	-.023	.25
7	MP3A	X	21.674	4.25
8	MP3A	Z	12.513	4.25
9	MP3A	Mx	-.023	4.25
10	MP3B	X	28.494	.25
11	MP3B	Z	16.451	.25
12	MP3B	Mx	.022	.25
13	MP3B	X	28.494	4.25
14	MP3B	Z	16.451	4.25
15	MP3B	Mx	.022	4.25
16	MP3C	X	21.674	.25
17	MP3C	Z	12.513	.25
18	MP3C	Mx	.006	.25
19	MP3C	X	21.674	4.25
20	MP3C	Z	12.513	4.25
21	MP3C	Mx	.006	4.25
22	MP3A	X	21.674	.25
23	MP3A	Z	12.513	.25
24	MP3A	Mx	-.006	.25
25	MP3A	X	21.674	4.25
26	MP3A	Z	12.513	4.25
27	MP3A	Mx	-.006	4.25
28	MP3B	X	28.494	.25
29	MP3B	Z	16.451	.25
30	MP3B	Mx	-.022	.25
31	MP3B	X	28.494	4.25
32	MP3B	Z	16.451	4.25
33	MP3B	Mx	-.022	4.25
34	MP3C	X	21.674	.25
35	MP3C	Z	12.513	.25
36	MP3C	Mx	.023	.25
37	MP3C	X	21.674	4.25
38	MP3C	Z	12.513	4.25
39	MP3C	Mx	.023	4.25
40	MP1A	X	8.597	1.25
41	MP1A	Z	4.963	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP1A	Mx	-.006	1.25
43	MP1A	X	8.597	3.25
44	MP1A	Z	4.963	3.25
45	MP1A	Mx	-.006	3.25
46	MP1B	X	15.134	1.25
47	MP1B	Z	8.737	1.25
48	MP1B	Mx	0	1.25
49	MP1B	X	15.134	3.25
50	MP1B	Z	8.737	3.25
51	MP1B	Mx	0	3.25
52	MP1C	X	8.597	1.25
53	MP1C	Z	4.963	1.25
54	MP1C	Mx	.006	1.25
55	MP1C	X	8.597	3.25
56	MP1C	Z	4.963	3.25
57	MP1C	Mx	.006	3.25
58	MP4A	X	3.799	2.1
59	MP4A	Z	2.193	2.1
60	MP4A	Mx	.002	2.1
61	MP4B	X	3.056	2.1
62	MP4B	Z	1.764	2.1
63	MP4B	Mx	0	2.1
64	MP4C	X	3.799	2.1
65	MP4C	Z	2.193	2.1
66	MP4C	Mx	-.002	2.1
67	MP2A	X	9.801	2.1
68	MP2A	Z	5.658	2.1
69	MP2A	Mx	.007	2.1
70	MP2B	X	12.718	2.1
71	MP2B	Z	7.343	2.1
72	MP2B	Mx	0	2.1
73	MP2C	X	9.801	2.1
74	MP2C	Z	5.658	2.1
75	MP2C	Mx	-.007	2.1
76	MP3A	X	8.692	2.1
77	MP3A	Z	5.018	2.1
78	MP3A	Mx	.006	2.1
79	MP3B	X	12.718	2.1
80	MP3B	Z	7.343	2.1
81	MP3B	Mx	0	2.1
82	MP3C	X	8.692	2.1
83	MP3C	Z	5.018	2.1
84	MP3C	Mx	-.006	2.1
85	OVP	X	26.364	.75
86	OVP	Z	15.221	.75
87	OVP	Mx	.01	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	17.663	.75
2	OVP	Z	30.593	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	OVP	Mx	0	.75
4	MP3A	X	15.138	.25
5	MP3A	Z	26.221	.25
6	MP3A	Mx	-.028	.25
7	MP3A	X	15.138	4.25
8	MP3A	Z	26.221	4.25
9	MP3A	Mx	-.028	4.25
10	MP3B	X	15.138	.25
11	MP3B	Z	26.221	.25
12	MP3B	Mx	.007	.25
13	MP3B	X	15.138	4.25
14	MP3B	Z	26.221	4.25
15	MP3B	Mx	.007	4.25
16	MP3C	X	11.201	.25
17	MP3C	Z	19.4	.25
18	MP3C	Mx	.015	.25
19	MP3C	X	11.201	4.25
20	MP3C	Z	19.4	4.25
21	MP3C	Mx	.015	4.25
22	MP3A	X	15.138	.25
23	MP3A	Z	26.221	.25
24	MP3A	Mx	.007	.25
25	MP3A	X	15.138	4.25
26	MP3A	Z	26.221	4.25
27	MP3A	Mx	.007	4.25
28	MP3B	X	15.138	.25
29	MP3B	Z	26.221	.25
30	MP3B	Mx	-.028	.25
31	MP3B	X	15.138	4.25
32	MP3B	Z	26.221	4.25
33	MP3B	Mx	-.028	4.25
34	MP3C	X	11.201	.25
35	MP3C	Z	19.4	.25
36	MP3C	Mx	.015	.25
37	MP3C	X	11.201	4.25
38	MP3C	Z	19.4	4.25
39	MP3C	Mx	.015	4.25
40	MP1A	X	7.479	1.25
41	MP1A	Z	12.955	1.25
42	MP1A	Mx	-.005	1.25
43	MP1A	X	7.479	3.25
44	MP1A	Z	12.955	3.25
45	MP1A	Mx	-.005	3.25
46	MP1B	X	7.479	1.25
47	MP1B	Z	12.955	1.25
48	MP1B	Mx	-.005	1.25
49	MP1B	X	7.479	3.25
50	MP1B	Z	12.955	3.25
51	MP1B	Mx	-.005	3.25
52	MP1C	X	3.705	1.25
53	MP1C	Z	6.418	1.25
54	MP1C	Mx	.005	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP1C	X	3.705	3.25
56	MP1C	Z	6.418	3.25
57	MP1C	Mx	.005	3.25
58	MP4A	X	1.907	2.1
59	MP4A	Z	3.303	2.1
60	MP4A	Mx	.000954	2.1
61	MP4B	X	1.907	2.1
62	MP4B	Z	3.303	2.1
63	MP4B	Mx	.000953	2.1
64	MP4C	X	2.336	2.1
65	MP4C	Z	4.046	2.1
66	MP4C	Mx	-.002	2.1
67	MP2A	X	6.781	2.1
68	MP2A	Z	11.745	2.1
69	MP2A	Mx	.005	2.1
70	MP2B	X	6.781	2.1
71	MP2B	Z	11.745	2.1
72	MP2B	Mx	.005	2.1
73	MP2C	X	5.097	2.1
74	MP2C	Z	8.828	2.1
75	MP2C	Mx	-.007	2.1
76	MP3A	X	6.568	2.1
77	MP3A	Z	11.376	2.1
78	MP3A	Mx	.004	2.1
79	MP3B	X	6.568	2.1
80	MP3B	Z	11.376	2.1
81	MP3B	Mx	.004	2.1
82	MP3C	X	4.244	2.1
83	MP3C	Z	7.35	2.1
84	MP3C	Mx	-.006	2.1
85	OVP	X	17.663	.75
86	OVP	Z	30.593	.75
87	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	0	.75
2	OVP	Z	30.443	.75
3	OVP	Mx	.01	.75
4	MP3A	X	0	.25
5	MP3A	Z	32.902	.25
6	MP3A	Mx	-.022	.25
7	MP3A	X	0	4.25
8	MP3A	Z	32.902	4.25
9	MP3A	Mx	-.022	4.25
10	MP3B	X	0	.25
11	MP3B	Z	25.027	.25
12	MP3B	Mx	-.006	.25
13	MP3B	X	0	4.25
14	MP3B	Z	25.027	4.25
15	MP3B	Mx	-.006	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	0	.25
17	MP3C	Z	25.027	.25
18	MP3C	Mx	.023	.25
19	MP3C	X	0	4.25
20	MP3C	Z	25.027	4.25
21	MP3C	Mx	.023	4.25
22	MP3A	X	0	.25
23	MP3A	Z	32.902	.25
24	MP3A	Mx	.022	.25
25	MP3A	X	0	4.25
26	MP3A	Z	32.902	4.25
27	MP3A	Mx	.022	4.25
28	MP3B	X	0	.25
29	MP3B	Z	25.027	.25
30	MP3B	Mx	-.023	.25
31	MP3B	X	0	4.25
32	MP3B	Z	25.027	4.25
33	MP3B	Mx	-.023	4.25
34	MP3C	X	0	.25
35	MP3C	Z	25.027	.25
36	MP3C	Mx	.006	.25
37	MP3C	X	0	4.25
38	MP3C	Z	25.027	4.25
39	MP3C	Mx	.006	4.25
40	MP1A	X	0	1.25
41	MP1A	Z	17.475	1.25
42	MP1A	Mx	0	1.25
43	MP1A	X	0	3.25
44	MP1A	Z	17.475	3.25
45	MP1A	Mx	0	3.25
46	MP1B	X	0	1.25
47	MP1B	Z	9.927	1.25
48	MP1B	Mx	-.006	1.25
49	MP1B	X	0	3.25
50	MP1B	Z	9.927	3.25
51	MP1B	Mx	-.006	3.25
52	MP1C	X	0	1.25
53	MP1C	Z	9.927	1.25
54	MP1C	Mx	.006	1.25
55	MP1C	X	0	3.25
56	MP1C	Z	9.927	3.25
57	MP1C	Mx	.006	3.25
58	MP4A	X	0	2.1
59	MP4A	Z	3.528	2.1
60	MP4A	Mx	0	2.1
61	MP4B	X	0	2.1
62	MP4B	Z	4.386	2.1
63	MP4B	Mx	.002	2.1
64	MP4C	X	0	2.1
65	MP4C	Z	4.386	2.1
66	MP4C	Mx	-.002	2.1
67	MP2A	X	0	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	14.685	2.1
69	MP2A	Mx	0	2.1
70	MP2B	X	0	2.1
71	MP2B	Z	11.317	2.1
72	MP2B	Mx	.007	2.1
73	MP2C	X	0	2.1
74	MP2C	Z	11.317	2.1
75	MP2C	Mx	-.007	2.1
76	MP3A	X	0	2.1
77	MP3A	Z	14.685	2.1
78	MP3A	Mx	0	2.1
79	MP3B	X	0	2.1
80	MP3B	Z	10.037	2.1
81	MP3B	Mx	.006	2.1
82	MP3C	X	0	2.1
83	MP3C	Z	10.037	2.1
84	MP3C	Mx	-.006	2.1
85	OVP	X	0	.75
86	OVP	Z	30.443	.75
87	OVP	Mx	-.01	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-10.339	.75
2	OVP	Z	17.907	.75
3	OVP	Mx	.012	.75
4	MP3A	X	-15.138	.25
5	MP3A	Z	26.221	.25
6	MP3A	Mx	-.007	.25
7	MP3A	X	-15.138	4.25
8	MP3A	Z	26.221	4.25
9	MP3A	Mx	-.007	4.25
10	MP3B	X	-11.201	.25
11	MP3B	Z	19.4	.25
12	MP3B	Mx	-.015	.25
13	MP3B	X	-11.201	4.25
14	MP3B	Z	19.4	4.25
15	MP3B	Mx	-.015	4.25
16	MP3C	X	-15.138	.25
17	MP3C	Z	26.221	.25
18	MP3C	Mx	.028	.25
19	MP3C	X	-15.138	4.25
20	MP3C	Z	26.221	4.25
21	MP3C	Mx	.028	4.25
22	MP3A	X	-15.138	.25
23	MP3A	Z	26.221	.25
24	MP3A	Mx	.028	.25
25	MP3A	X	-15.138	4.25
26	MP3A	Z	26.221	4.25
27	MP3A	Mx	.028	4.25
28	MP3B	X	-11.201	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	19.4	.25
30	MP3B	Mx	-.015	.25
31	MP3B	X	-11.201	4.25
32	MP3B	Z	19.4	4.25
33	MP3B	Mx	-.015	4.25
34	MP3C	X	-15.138	.25
35	MP3C	Z	26.221	.25
36	MP3C	Mx	-.007	.25
37	MP3C	X	-15.138	4.25
38	MP3C	Z	26.221	4.25
39	MP3C	Mx	-.007	4.25
40	MP1A	X	-7.479	1.25
41	MP1A	Z	12.955	1.25
42	MP1A	Mx	.005	1.25
43	MP1A	X	-7.479	3.25
44	MP1A	Z	12.955	3.25
45	MP1A	Mx	.005	3.25
46	MP1B	X	-3.705	1.25
47	MP1B	Z	6.418	1.25
48	MP1B	Mx	-.005	1.25
49	MP1B	X	-3.705	3.25
50	MP1B	Z	6.418	3.25
51	MP1B	Mx	-.005	3.25
52	MP1C	X	-7.479	1.25
53	MP1C	Z	12.955	1.25
54	MP1C	Mx	.005	1.25
55	MP1C	X	-7.479	3.25
56	MP1C	Z	12.955	3.25
57	MP1C	Mx	.005	3.25
58	MP4A	X	-1.907	2.1
59	MP4A	Z	3.303	2.1
60	MP4A	Mx	-.000954	2.1
61	MP4B	X	-2.336	2.1
62	MP4B	Z	4.046	2.1
63	MP4B	Mx	.002	2.1
64	MP4C	X	-1.907	2.1
65	MP4C	Z	3.303	2.1
66	MP4C	Mx	-.000953	2.1
67	MP2A	X	-6.781	2.1
68	MP2A	Z	11.745	2.1
69	MP2A	Mx	-.005	2.1
70	MP2B	X	-5.097	2.1
71	MP2B	Z	8.828	2.1
72	MP2B	Mx	.007	2.1
73	MP2C	X	-6.781	2.1
74	MP2C	Z	11.745	2.1
75	MP2C	Mx	-.005	2.1
76	MP3A	X	-6.568	2.1
77	MP3A	Z	11.376	2.1
78	MP3A	Mx	-.004	2.1
79	MP3B	X	-4.244	2.1
80	MP3B	Z	7.35	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	.006	2.1
82	MP3C	X	-6.568	2.1
83	MP3C	Z	11.376	2.1
84	MP3C	Mx	-.004	2.1
85	OVP	X	-10.339	.75
86	OVP	Z	17.907	.75
87	OVP	Mx	-.012	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-13.679	.75
2	OVP	Z	7.898	.75
3	OVP	Mx	.011	.75
4	MP3A	X	-21.674	.25
5	MP3A	Z	12.513	.25
6	MP3A	Mx	.006	.25
7	MP3A	X	-21.674	4.25
8	MP3A	Z	12.513	4.25
9	MP3A	Mx	.006	4.25
10	MP3B	X	-21.674	.25
11	MP3B	Z	12.513	.25
12	MP3B	Mx	-.023	.25
13	MP3B	X	-21.674	4.25
14	MP3B	Z	12.513	4.25
15	MP3B	Mx	-.023	4.25
16	MP3C	X	-28.494	.25
17	MP3C	Z	16.451	.25
18	MP3C	Mx	.022	.25
19	MP3C	X	-28.494	4.25
20	MP3C	Z	16.451	4.25
21	MP3C	Mx	.022	4.25
22	MP3A	X	-21.674	.25
23	MP3A	Z	12.513	.25
24	MP3A	Mx	.023	.25
25	MP3A	X	-21.674	4.25
26	MP3A	Z	12.513	4.25
27	MP3A	Mx	.023	4.25
28	MP3B	X	-21.674	.25
29	MP3B	Z	12.513	.25
30	MP3B	Mx	-.006	.25
31	MP3B	X	-21.674	4.25
32	MP3B	Z	12.513	4.25
33	MP3B	Mx	-.006	4.25
34	MP3C	X	-28.494	.25
35	MP3C	Z	16.451	.25
36	MP3C	Mx	-.022	.25
37	MP3C	X	-28.494	4.25
38	MP3C	Z	16.451	4.25
39	MP3C	Mx	-.022	4.25
40	MP1A	X	-8.597	1.25
41	MP1A	Z	4.963	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP1A	Mx	.006	1.25
43	MP1A	X	-8.597	3.25
44	MP1A	Z	4.963	3.25
45	MP1A	Mx	.006	3.25
46	MP1B	X	-8.597	1.25
47	MP1B	Z	4.963	1.25
48	MP1B	Mx	-.006	1.25
49	MP1B	X	-8.597	3.25
50	MP1B	Z	4.963	3.25
51	MP1B	Mx	-.006	3.25
52	MP1C	X	-15.134	1.25
53	MP1C	Z	8.737	1.25
54	MP1C	Mx	0	1.25
55	MP1C	X	-15.134	3.25
56	MP1C	Z	8.737	3.25
57	MP1C	Mx	0	3.25
58	MP4A	X	-3.799	2.1
59	MP4A	Z	2.193	2.1
60	MP4A	Mx	-.002	2.1
61	MP4B	X	-3.799	2.1
62	MP4B	Z	2.193	2.1
63	MP4B	Mx	.002	2.1
64	MP4C	X	-3.056	2.1
65	MP4C	Z	1.764	2.1
66	MP4C	Mx	0	2.1
67	MP2A	X	-9.801	2.1
68	MP2A	Z	5.658	2.1
69	MP2A	Mx	-.007	2.1
70	MP2B	X	-9.801	2.1
71	MP2B	Z	5.658	2.1
72	MP2B	Mx	.007	2.1
73	MP2C	X	-12.718	2.1
74	MP2C	Z	7.343	2.1
75	MP2C	Mx	0	2.1
76	MP3A	X	-8.692	2.1
77	MP3A	Z	5.018	2.1
78	MP3A	Mx	-.006	2.1
79	MP3B	X	-8.692	2.1
80	MP3B	Z	5.018	2.1
81	MP3B	Mx	.006	2.1
82	MP3C	X	-12.718	2.1
83	MP3C	Z	7.343	2.1
84	MP3C	Mx	0	2.1
85	OVP	X	-13.679	.75
86	OVP	Z	7.898	.75
87	OVP	Mx	-.011	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-20.678	.75
2	OVP	Z	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	OVP	Mx	.012	.75
4	MP3A	X	-22.401	.25
5	MP3A	Z	0	.25
6	MP3A	Mx	.015	.25
7	MP3A	X	-22.401	4.25
8	MP3A	Z	0	4.25
9	MP3A	Mx	.015	4.25
10	MP3B	X	-30.277	.25
11	MP3B	Z	0	.25
12	MP3B	Mx	-.028	.25
13	MP3B	X	-30.277	4.25
14	MP3B	Z	0	4.25
15	MP3B	Mx	-.028	4.25
16	MP3C	X	-30.277	.25
17	MP3C	Z	0	.25
18	MP3C	Mx	.007	.25
19	MP3C	X	-30.277	4.25
20	MP3C	Z	0	4.25
21	MP3C	Mx	.007	4.25
22	MP3A	X	-22.401	.25
23	MP3A	Z	0	.25
24	MP3A	Mx	.015	.25
25	MP3A	X	-22.401	4.25
26	MP3A	Z	0	4.25
27	MP3A	Mx	.015	4.25
28	MP3B	X	-30.277	.25
29	MP3B	Z	0	.25
30	MP3B	Mx	.007	.25
31	MP3B	X	-30.277	4.25
32	MP3B	Z	0	4.25
33	MP3B	Mx	.007	4.25
34	MP3C	X	-30.277	.25
35	MP3C	Z	0	.25
36	MP3C	Mx	-.028	.25
37	MP3C	X	-30.277	4.25
38	MP3C	Z	0	4.25
39	MP3C	Mx	-.028	4.25
40	MP1A	X	-7.411	1.25
41	MP1A	Z	0	1.25
42	MP1A	Mx	.005	1.25
43	MP1A	X	-7.411	3.25
44	MP1A	Z	0	3.25
45	MP1A	Mx	.005	3.25
46	MP1B	X	-14.959	1.25
47	MP1B	Z	0	1.25
48	MP1B	Mx	-.005	1.25
49	MP1B	X	-14.959	3.25
50	MP1B	Z	0	3.25
51	MP1B	Mx	-.005	3.25
52	MP1C	X	-14.959	1.25
53	MP1C	Z	0	1.25
54	MP1C	Mx	-.005	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP1C	X	-14.959	3.25
56	MP1C	Z	0	3.25
57	MP1C	Mx	-.005	3.25
58	MP4A	X	-4.672	2.1
59	MP4A	Z	0	2.1
60	MP4A	Mx	-.002	2.1
61	MP4B	X	-3.814	2.1
62	MP4B	Z	0	2.1
63	MP4B	Mx	.000954	2.1
64	MP4C	X	-3.814	2.1
65	MP4C	Z	0	2.1
66	MP4C	Mx	.000954	2.1
67	MP2A	X	-10.194	2.1
68	MP2A	Z	0	2.1
69	MP2A	Mx	-.007	2.1
70	MP2B	X	-13.563	2.1
71	MP2B	Z	0	2.1
72	MP2B	Mx	.005	2.1
73	MP2C	X	-13.563	2.1
74	MP2C	Z	0	2.1
75	MP2C	Mx	.005	2.1
76	MP3A	X	-8.487	2.1
77	MP3A	Z	0	2.1
78	MP3A	Mx	-.006	2.1
79	MP3B	X	-13.136	2.1
80	MP3B	Z	0	2.1
81	MP3B	Mx	.004	2.1
82	MP3C	X	-13.136	2.1
83	MP3C	Z	0	2.1
84	MP3C	Mx	.004	2.1
85	OVP	X	-20.678	.75
86	OVP	Z	0	.75
87	OVP	Mx	-.012	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-26.364	.75
2	OVP	Z	-15.221	.75
3	OVP	Mx	.01	.75
4	MP3A	X	-21.674	.25
5	MP3A	Z	-12.513	.25
6	MP3A	Mx	.023	.25
7	MP3A	X	-21.674	4.25
8	MP3A	Z	-12.513	4.25
9	MP3A	Mx	.023	4.25
10	MP3B	X	-28.494	.25
11	MP3B	Z	-16.451	.25
12	MP3B	Mx	-.022	.25
13	MP3B	X	-28.494	4.25
14	MP3B	Z	-16.451	4.25
15	MP3B	Mx	-.022	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	-21.674	.25
17	MP3C	Z	-12.513	.25
18	MP3C	Mx	-.006	.25
19	MP3C	X	-21.674	4.25
20	MP3C	Z	-12.513	4.25
21	MP3C	Mx	-.006	4.25
22	MP3A	X	-21.674	.25
23	MP3A	Z	-12.513	.25
24	MP3A	Mx	.006	.25
25	MP3A	X	-21.674	4.25
26	MP3A	Z	-12.513	4.25
27	MP3A	Mx	.006	4.25
28	MP3B	X	-28.494	.25
29	MP3B	Z	-16.451	.25
30	MP3B	Mx	.022	.25
31	MP3B	X	-28.494	4.25
32	MP3B	Z	-16.451	4.25
33	MP3B	Mx	.022	4.25
34	MP3C	X	-21.674	.25
35	MP3C	Z	-12.513	.25
36	MP3C	Mx	-.023	.25
37	MP3C	X	-21.674	4.25
38	MP3C	Z	-12.513	4.25
39	MP3C	Mx	-.023	4.25
40	MP1A	X	-8.597	1.25
41	MP1A	Z	-4.963	1.25
42	MP1A	Mx	.006	1.25
43	MP1A	X	-8.597	3.25
44	MP1A	Z	-4.963	3.25
45	MP1A	Mx	.006	3.25
46	MP1B	X	-15.134	1.25
47	MP1B	Z	-8.737	1.25
48	MP1B	Mx	0	1.25
49	MP1B	X	-15.134	3.25
50	MP1B	Z	-8.737	3.25
51	MP1B	Mx	0	3.25
52	MP1C	X	-8.597	1.25
53	MP1C	Z	-4.963	1.25
54	MP1C	Mx	-.006	1.25
55	MP1C	X	-8.597	3.25
56	MP1C	Z	-4.963	3.25
57	MP1C	Mx	-.006	3.25
58	MP4A	X	-3.799	2.1
59	MP4A	Z	-2.193	2.1
60	MP4A	Mx	-.002	2.1
61	MP4B	X	-3.056	2.1
62	MP4B	Z	-1.764	2.1
63	MP4B	Mx	0	2.1
64	MP4C	X	-3.799	2.1
65	MP4C	Z	-2.193	2.1
66	MP4C	Mx	.002	2.1
67	MP2A	X	-9.801	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	-5.658	2.1
69	MP2A	Mx	-.007	2.1
70	MP2B	X	-12.718	2.1
71	MP2B	Z	-7.343	2.1
72	MP2B	Mx	0	2.1
73	MP2C	X	-9.801	2.1
74	MP2C	Z	-5.658	2.1
75	MP2C	Mx	.007	2.1
76	MP3A	X	-8.692	2.1
77	MP3A	Z	-5.018	2.1
78	MP3A	Mx	-.006	2.1
79	MP3B	X	-12.718	2.1
80	MP3B	Z	-7.343	2.1
81	MP3B	Mx	0	2.1
82	MP3C	X	-8.692	2.1
83	MP3C	Z	-5.018	2.1
84	MP3C	Mx	.006	2.1
85	OVP	X	-26.364	.75
86	OVP	Z	-15.221	.75
87	OVP	Mx	-.01	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-17.663	.75
2	OVP	Z	-30.593	.75
3	OVP	Mx	0	.75
4	MP3A	X	-15.138	.25
5	MP3A	Z	-26.221	.25
6	MP3A	Mx	.028	.25
7	MP3A	X	-15.138	4.25
8	MP3A	Z	-26.221	4.25
9	MP3A	Mx	.028	4.25
10	MP3B	X	-15.138	.25
11	MP3B	Z	-26.221	.25
12	MP3B	Mx	-.007	.25
13	MP3B	X	-15.138	4.25
14	MP3B	Z	-26.221	4.25
15	MP3B	Mx	-.007	4.25
16	MP3C	X	-11.201	.25
17	MP3C	Z	-19.4	.25
18	MP3C	Mx	-.015	.25
19	MP3C	X	-11.201	4.25
20	MP3C	Z	-19.4	4.25
21	MP3C	Mx	-.015	4.25
22	MP3A	X	-15.138	.25
23	MP3A	Z	-26.221	.25
24	MP3A	Mx	-.007	.25
25	MP3A	X	-15.138	4.25
26	MP3A	Z	-26.221	4.25
27	MP3A	Mx	-.007	4.25
28	MP3B	X	-15.138	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	-26.221	.25
30	MP3B	Mx	.028	.25
31	MP3B	X	-15.138	4.25
32	MP3B	Z	-26.221	4.25
33	MP3B	Mx	.028	4.25
34	MP3C	X	-11.201	.25
35	MP3C	Z	-19.4	.25
36	MP3C	Mx	-.015	.25
37	MP3C	X	-11.201	4.25
38	MP3C	Z	-19.4	4.25
39	MP3C	Mx	-.015	4.25
40	MP1A	X	-7.479	1.25
41	MP1A	Z	-12.955	1.25
42	MP1A	Mx	.005	1.25
43	MP1A	X	-7.479	3.25
44	MP1A	Z	-12.955	3.25
45	MP1A	Mx	.005	3.25
46	MP1B	X	-7.479	1.25
47	MP1B	Z	-12.955	1.25
48	MP1B	Mx	.005	1.25
49	MP1B	X	-7.479	3.25
50	MP1B	Z	-12.955	3.25
51	MP1B	Mx	.005	3.25
52	MP1C	X	-3.705	1.25
53	MP1C	Z	-6.418	1.25
54	MP1C	Mx	-.005	1.25
55	MP1C	X	-3.705	3.25
56	MP1C	Z	-6.418	3.25
57	MP1C	Mx	-.005	3.25
58	MP4A	X	-1.907	2.1
59	MP4A	Z	-3.303	2.1
60	MP4A	Mx	-.000954	2.1
61	MP4B	X	-1.907	2.1
62	MP4B	Z	-3.303	2.1
63	MP4B	Mx	-.000953	2.1
64	MP4C	X	-2.336	2.1
65	MP4C	Z	-4.046	2.1
66	MP4C	Mx	.002	2.1
67	MP2A	X	-6.781	2.1
68	MP2A	Z	-11.745	2.1
69	MP2A	Mx	-.005	2.1
70	MP2B	X	-6.781	2.1
71	MP2B	Z	-11.745	2.1
72	MP2B	Mx	-.005	2.1
73	MP2C	X	-5.097	2.1
74	MP2C	Z	-8.828	2.1
75	MP2C	Mx	.007	2.1
76	MP3A	X	-6.568	2.1
77	MP3A	Z	-11.376	2.1
78	MP3A	Mx	-.004	2.1
79	MP3B	X	-6.568	2.1
80	MP3B	Z	-11.376	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	-.004	2.1
82	MP3C	X	-4.244	2.1
83	MP3C	Z	-7.35	2.1
84	MP3C	Mx	.006	2.1
85	OVP	X	-17.663	.75
86	OVP	Z	-30.593	.75
87	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	0	.75
2	OVP	Z	-9.776	.75
3	OVP	Mx	-.003	.75
4	MP3A	X	0	.25
5	MP3A	Z	-10.86	.25
6	MP3A	Mx	.007	.25
7	MP3A	X	0	4.25
8	MP3A	Z	-10.86	4.25
9	MP3A	Mx	.007	4.25
10	MP3B	X	0	.25
11	MP3B	Z	-8.065	.25
12	MP3B	Mx	.002	.25
13	MP3B	X	0	4.25
14	MP3B	Z	-8.065	4.25
15	MP3B	Mx	.002	4.25
16	MP3C	X	0	.25
17	MP3C	Z	-8.065	.25
18	MP3C	Mx	-.007	.25
19	MP3C	X	0	4.25
20	MP3C	Z	-8.065	4.25
21	MP3C	Mx	-.007	4.25
22	MP3A	X	0	.25
23	MP3A	Z	-10.86	.25
24	MP3A	Mx	-.007	.25
25	MP3A	X	0	4.25
26	MP3A	Z	-10.86	4.25
27	MP3A	Mx	-.007	4.25
28	MP3B	X	0	.25
29	MP3B	Z	-8.065	.25
30	MP3B	Mx	.007	.25
31	MP3B	X	0	4.25
32	MP3B	Z	-8.065	4.25
33	MP3B	Mx	.007	4.25
34	MP3C	X	0	.25
35	MP3C	Z	-8.065	.25
36	MP3C	Mx	-.002	.25
37	MP3C	X	0	4.25
38	MP3C	Z	-8.065	4.25
39	MP3C	Mx	-.002	4.25
40	MP1A	X	0	1.25
41	MP1A	Z	-4.673	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP1A	Mx	0	1.25
43	MP1A	X	0	3.25
44	MP1A	Z	-4.673	3.25
45	MP1A	Mx	0	3.25
46	MP1B	X	0	1.25
47	MP1B	Z	-2.375	1.25
48	MP1B	Mx	.001	1.25
49	MP1B	X	0	3.25
50	MP1B	Z	-2.375	3.25
51	MP1B	Mx	.001	3.25
52	MP1C	X	0	1.25
53	MP1C	Z	-2.375	1.25
54	MP1C	Mx	-.001	1.25
55	MP1C	X	0	3.25
56	MP1C	Z	-2.375	3.25
57	MP1C	Mx	-.001	3.25
58	MP4A	X	0	2.1
59	MP4A	Z	-.882	2.1
60	MP4A	Mx	0	2.1
61	MP4B	X	0	2.1
62	MP4B	Z	-1.136	2.1
63	MP4B	Mx	-.000492	2.1
64	MP4C	X	0	2.1
65	MP4C	Z	-1.136	2.1
66	MP4C	Mx	.000492	2.1
67	MP2A	X	0	2.1
68	MP2A	Z	-3.696	2.1
69	MP2A	Mx	0	2.1
70	MP2B	X	0	2.1
71	MP2B	Z	-2.784	2.1
72	MP2B	Mx	-.002	2.1
73	MP2C	X	0	2.1
74	MP2C	Z	-2.784	2.1
75	MP2C	Mx	.002	2.1
76	MP3A	X	0	2.1
77	MP3A	Z	-3.696	2.1
78	MP3A	Mx	0	2.1
79	MP3B	X	0	2.1
80	MP3B	Z	-2.444	2.1
81	MP3B	Mx	-.001	2.1
82	MP3C	X	0	2.1
83	MP3C	Z	-2.444	2.1
84	MP3C	Mx	.001	2.1
85	OVP	X	0	.75
86	OVP	Z	-9.776	.75
87	OVP	Mx	.003	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	3.219	.75
2	OVP	Z	-5.575	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	OVP	Mx	-.004	.75
4	MP3A	X	4.964	.25
5	MP3A	Z	-8.598	.25
6	MP3A	Mx	.002	.25
7	MP3A	X	4.964	4.25
8	MP3A	Z	-8.598	4.25
9	MP3A	Mx	.002	4.25
10	MP3B	X	3.566	.25
11	MP3B	Z	-6.177	.25
12	MP3B	Mx	.005	.25
13	MP3B	X	3.566	4.25
14	MP3B	Z	-6.177	4.25
15	MP3B	Mx	.005	4.25
16	MP3C	X	4.964	.25
17	MP3C	Z	-8.598	.25
18	MP3C	Mx	-.009	.25
19	MP3C	X	4.964	4.25
20	MP3C	Z	-8.598	4.25
21	MP3C	Mx	-.009	4.25
22	MP3A	X	4.964	.25
23	MP3A	Z	-8.598	.25
24	MP3A	Mx	-.009	.25
25	MP3A	X	4.964	4.25
26	MP3A	Z	-8.598	4.25
27	MP3A	Mx	-.009	4.25
28	MP3B	X	3.566	.25
29	MP3B	Z	-6.177	.25
30	MP3B	Mx	.005	.25
31	MP3B	X	3.566	4.25
32	MP3B	Z	-6.177	4.25
33	MP3B	Mx	.005	4.25
34	MP3C	X	4.964	.25
35	MP3C	Z	-8.598	.25
36	MP3C	Mx	.002	.25
37	MP3C	X	4.964	4.25
38	MP3C	Z	-8.598	4.25
39	MP3C	Mx	.002	4.25
40	MP1A	X	1.954	1.25
41	MP1A	Z	-3.384	1.25
42	MP1A	Mx	-.001	1.25
43	MP1A	X	1.954	3.25
44	MP1A	Z	-3.384	3.25
45	MP1A	Mx	-.001	3.25
46	MP1B	X	.805	1.25
47	MP1B	Z	-1.394	1.25
48	MP1B	Mx	.001	1.25
49	MP1B	X	.805	3.25
50	MP1B	Z	-1.394	3.25
51	MP1B	Mx	.001	3.25
52	MP1C	X	1.954	1.25
53	MP1C	Z	-3.384	1.25
54	MP1C	Mx	-.001	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP1C	X	1.954	3.25
56	MP1C	Z	-3.384	3.25
57	MP1C	Mx	-.001	3.25
58	MP4A	X	.483	2.1
59	MP4A	Z	-.837	2.1
60	MP4A	Mx	.000241	2.1
61	MP4B	X	.61	2.1
62	MP4B	Z	-1.057	2.1
63	MP4B	Mx	-.00061	2.1
64	MP4C	X	.483	2.1
65	MP4C	Z	-.837	2.1
66	MP4C	Mx	.000242	2.1
67	MP2A	X	1.696	2.1
68	MP2A	Z	-2.937	2.1
69	MP2A	Mx	.001	2.1
70	MP2B	X	1.24	2.1
71	MP2B	Z	-2.147	2.1
72	MP2B	Mx	-.002	2.1
73	MP2C	X	1.696	2.1
74	MP2C	Z	-2.937	2.1
75	MP2C	Mx	.001	2.1
76	MP3A	X	1.639	2.1
77	MP3A	Z	-2.839	2.1
78	MP3A	Mx	.001	2.1
79	MP3B	X	1.013	2.1
80	MP3B	Z	-1.755	2.1
81	MP3B	Mx	-.001	2.1
82	MP3C	X	1.639	2.1
83	MP3C	Z	-2.839	2.1
84	MP3C	Mx	.001	2.1
85	OVP	X	3.219	.75
86	OVP	Z	-5.575	.75
87	OVP	Mx	.004	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	4.13	.75
2	OVP	Z	-2.384	.75
3	OVP	Mx	-.003	.75
4	MP3A	X	6.984	.25
5	MP3A	Z	-4.032	.25
6	MP3A	Mx	-.002	.25
7	MP3A	X	6.984	4.25
8	MP3A	Z	-4.032	4.25
9	MP3A	Mx	-.002	4.25
10	MP3B	X	6.984	.25
11	MP3B	Z	-4.032	.25
12	MP3B	Mx	.007	.25
13	MP3B	X	6.984	4.25
14	MP3B	Z	-4.032	4.25
15	MP3B	Mx	.007	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	9.405	.25
17	MP3C	Z	-5.43	.25
18	MP3C	Mx	-.007	.25
19	MP3C	X	9.405	4.25
20	MP3C	Z	-5.43	4.25
21	MP3C	Mx	-.007	4.25
22	MP3A	X	6.984	.25
23	MP3A	Z	-4.032	.25
24	MP3A	Mx	-.007	.25
25	MP3A	X	6.984	4.25
26	MP3A	Z	-4.032	4.25
27	MP3A	Mx	-.007	4.25
28	MP3B	X	6.984	.25
29	MP3B	Z	-4.032	.25
30	MP3B	Mx	.002	.25
31	MP3B	X	6.984	4.25
32	MP3B	Z	-4.032	4.25
33	MP3B	Mx	.002	4.25
34	MP3C	X	9.405	.25
35	MP3C	Z	-5.43	.25
36	MP3C	Mx	.007	.25
37	MP3C	X	9.405	4.25
38	MP3C	Z	-5.43	4.25
39	MP3C	Mx	.007	4.25
40	MP1A	X	2.057	1.25
41	MP1A	Z	-1.188	1.25
42	MP1A	Mx	-.001	1.25
43	MP1A	X	2.057	3.25
44	MP1A	Z	-1.188	3.25
45	MP1A	Mx	-.001	3.25
46	MP1B	X	2.057	1.25
47	MP1B	Z	-1.188	1.25
48	MP1B	Mx	.001	1.25
49	MP1B	X	2.057	3.25
50	MP1B	Z	-1.188	3.25
51	MP1B	Mx	.001	3.25
52	MP1C	X	4.047	1.25
53	MP1C	Z	-2.337	1.25
54	MP1C	Mx	0	1.25
55	MP1C	X	4.047	3.25
56	MP1C	Z	-2.337	3.25
57	MP1C	Mx	0	3.25
58	MP4A	X	.984	2.1
59	MP4A	Z	-.568	2.1
60	MP4A	Mx	.000492	2.1
61	MP4B	X	.984	2.1
62	MP4B	Z	-.568	2.1
63	MP4B	Mx	-.000492	2.1
64	MP4C	X	.764	2.1
65	MP4C	Z	-.441	2.1
66	MP4C	Mx	0	2.1
67	MP2A	X	2.411	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	-1.392	2.1
69	MP2A	Mx	.002	2.1
70	MP2B	X	2.411	2.1
71	MP2B	Z	-1.392	2.1
72	MP2B	Mx	-.002	2.1
73	MP2C	X	3.201	2.1
74	MP2C	Z	-1.848	2.1
75	MP2C	Mx	0	2.1
76	MP3A	X	2.116	2.1
77	MP3A	Z	-1.222	2.1
78	MP3A	Mx	.001	2.1
79	MP3B	X	2.116	2.1
80	MP3B	Z	-1.222	2.1
81	MP3B	Mx	-.001	2.1
82	MP3C	X	3.201	2.1
83	MP3C	Z	-1.848	2.1
84	MP3C	Mx	0	2.1
85	OVP	X	4.13	.75
86	OVP	Z	-2.384	.75
87	OVP	Mx	.003	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	6.438	.75
2	OVP	Z	0	.75
3	OVP	Mx	-.004	.75
4	MP3A	X	7.133	.25
5	MP3A	Z	0	.25
6	MP3A	Mx	-.005	.25
7	MP3A	X	7.133	4.25
8	MP3A	Z	0	4.25
9	MP3A	Mx	-.005	4.25
10	MP3B	X	9.929	.25
11	MP3B	Z	0	.25
12	MP3B	Mx	.009	.25
13	MP3B	X	9.929	4.25
14	MP3B	Z	0	4.25
15	MP3B	Mx	.009	4.25
16	MP3C	X	9.929	.25
17	MP3C	Z	0	.25
18	MP3C	Mx	-.002	.25
19	MP3C	X	9.929	4.25
20	MP3C	Z	0	4.25
21	MP3C	Mx	-.002	4.25
22	MP3A	X	7.133	.25
23	MP3A	Z	0	.25
24	MP3A	Mx	-.005	.25
25	MP3A	X	7.133	4.25
26	MP3A	Z	0	4.25
27	MP3A	Mx	-.005	4.25
28	MP3B	X	9.929	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	0	.25
30	MP3B	Mx	-.002	.25
31	MP3B	X	9.929	4.25
32	MP3B	Z	0	4.25
33	MP3B	Mx	-.002	4.25
34	MP3C	X	9.929	.25
35	MP3C	Z	0	.25
36	MP3C	Mx	.009	.25
37	MP3C	X	9.929	4.25
38	MP3C	Z	0	4.25
39	MP3C	Mx	.009	4.25
40	MP1A	X	1.609	1.25
41	MP1A	Z	0	1.25
42	MP1A	Mx	-.001	1.25
43	MP1A	X	1.609	3.25
44	MP1A	Z	0	3.25
45	MP1A	Mx	-.001	3.25
46	MP1B	X	3.907	1.25
47	MP1B	Z	0	1.25
48	MP1B	Mx	.001	1.25
49	MP1B	X	3.907	3.25
50	MP1B	Z	0	3.25
51	MP1B	Mx	.001	3.25
52	MP1C	X	3.907	1.25
53	MP1C	Z	0	1.25
54	MP1C	Mx	.001	1.25
55	MP1C	X	3.907	3.25
56	MP1C	Z	0	3.25
57	MP1C	Mx	.001	3.25
58	MP4A	X	1.221	2.1
59	MP4A	Z	0	2.1
60	MP4A	Mx	.00061	2.1
61	MP4B	X	.967	2.1
62	MP4B	Z	0	2.1
63	MP4B	Mx	-.000242	2.1
64	MP4C	X	.967	2.1
65	MP4C	Z	0	2.1
66	MP4C	Mx	-.000242	2.1
67	MP2A	X	2.48	2.1
68	MP2A	Z	0	2.1
69	MP2A	Mx	.002	2.1
70	MP2B	X	3.392	2.1
71	MP2B	Z	0	2.1
72	MP2B	Mx	-.001	2.1
73	MP2C	X	3.392	2.1
74	MP2C	Z	0	2.1
75	MP2C	Mx	-.001	2.1
76	MP3A	X	2.027	2.1
77	MP3A	Z	0	2.1
78	MP3A	Mx	.001	2.1
79	MP3B	X	3.278	2.1
80	MP3B	Z	0	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	-.001	2.1
82	MP3C	X	3.278	2.1
83	MP3C	Z	0	2.1
84	MP3C	Mx	-.001	2.1
85	OVP	X	6.438	.75
86	OVP	Z	0	.75
87	OVP	Mx	.004	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	8.466	.75
2	OVP	Z	4.888	.75
3	OVP	Mx	-.003	.75
4	MP3A	X	6.984	.25
5	MP3A	Z	4.032	.25
6	MP3A	Mx	-.007	.25
7	MP3A	X	6.984	4.25
8	MP3A	Z	4.032	4.25
9	MP3A	Mx	-.007	4.25
10	MP3B	X	9.405	.25
11	MP3B	Z	5.43	.25
12	MP3B	Mx	.007	.25
13	MP3B	X	9.405	4.25
14	MP3B	Z	5.43	4.25
15	MP3B	Mx	.007	4.25
16	MP3C	X	6.984	.25
17	MP3C	Z	4.032	.25
18	MP3C	Mx	.002	.25
19	MP3C	X	6.984	4.25
20	MP3C	Z	4.032	4.25
21	MP3C	Mx	.002	4.25
22	MP3A	X	6.984	.25
23	MP3A	Z	4.032	.25
24	MP3A	Mx	-.002	.25
25	MP3A	X	6.984	4.25
26	MP3A	Z	4.032	4.25
27	MP3A	Mx	-.002	4.25
28	MP3B	X	9.405	.25
29	MP3B	Z	5.43	.25
30	MP3B	Mx	-.007	.25
31	MP3B	X	9.405	4.25
32	MP3B	Z	5.43	4.25
33	MP3B	Mx	-.007	4.25
34	MP3C	X	6.984	.25
35	MP3C	Z	4.032	.25
36	MP3C	Mx	.007	.25
37	MP3C	X	6.984	4.25
38	MP3C	Z	4.032	4.25
39	MP3C	Mx	.007	4.25
40	MP1A	X	2.057	1.25
41	MP1A	Z	1.188	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP1A	Mx	-.001	1.25
43	MP1A	X	2.057	3.25
44	MP1A	Z	1.188	3.25
45	MP1A	Mx	-.001	3.25
46	MP1B	X	4.047	1.25
47	MP1B	Z	2.337	1.25
48	MP1B	Mx	0	1.25
49	MP1B	X	4.047	3.25
50	MP1B	Z	2.337	3.25
51	MP1B	Mx	0	3.25
52	MP1C	X	2.057	1.25
53	MP1C	Z	1.188	1.25
54	MP1C	Mx	.001	1.25
55	MP1C	X	2.057	3.25
56	MP1C	Z	1.188	3.25
57	MP1C	Mx	.001	3.25
58	MP4A	X	.984	2.1
59	MP4A	Z	.568	2.1
60	MP4A	Mx	.000492	2.1
61	MP4B	X	.764	2.1
62	MP4B	Z	.441	2.1
63	MP4B	Mx	0	2.1
64	MP4C	X	.984	2.1
65	MP4C	Z	.568	2.1
66	MP4C	Mx	-.000492	2.1
67	MP2A	X	2.411	2.1
68	MP2A	Z	1.392	2.1
69	MP2A	Mx	.002	2.1
70	MP2B	X	3.201	2.1
71	MP2B	Z	1.848	2.1
72	MP2B	Mx	0	2.1
73	MP2C	X	2.411	2.1
74	MP2C	Z	1.392	2.1
75	MP2C	Mx	-.002	2.1
76	MP3A	X	2.116	2.1
77	MP3A	Z	1.222	2.1
78	MP3A	Mx	.001	2.1
79	MP3B	X	3.201	2.1
80	MP3B	Z	1.848	2.1
81	MP3B	Mx	0	2.1
82	MP3C	X	2.116	2.1
83	MP3C	Z	1.222	2.1
84	MP3C	Mx	-.001	2.1
85	OVP	X	8.466	.75
86	OVP	Z	4.888	.75
87	OVP	Mx	.003	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	5.722	.75
2	OVP	Z	9.911	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	OVP	Mx	0	.75
4	MP3A	X	4.964	.25
5	MP3A	Z	8.598	.25
6	MP3A	Mx	-.009	.25
7	MP3A	X	4.964	4.25
8	MP3A	Z	8.598	4.25
9	MP3A	Mx	-.009	4.25
10	MP3B	X	4.964	.25
11	MP3B	Z	8.598	.25
12	MP3B	Mx	.002	.25
13	MP3B	X	4.964	4.25
14	MP3B	Z	8.598	4.25
15	MP3B	Mx	.002	4.25
16	MP3C	X	3.566	.25
17	MP3C	Z	6.177	.25
18	MP3C	Mx	.005	.25
19	MP3C	X	3.566	4.25
20	MP3C	Z	6.177	4.25
21	MP3C	Mx	.005	4.25
22	MP3A	X	4.964	.25
23	MP3A	Z	8.598	.25
24	MP3A	Mx	.002	.25
25	MP3A	X	4.964	4.25
26	MP3A	Z	8.598	4.25
27	MP3A	Mx	.002	4.25
28	MP3B	X	4.964	.25
29	MP3B	Z	8.598	.25
30	MP3B	Mx	-.009	.25
31	MP3B	X	4.964	4.25
32	MP3B	Z	8.598	4.25
33	MP3B	Mx	-.009	4.25
34	MP3C	X	3.566	.25
35	MP3C	Z	6.177	.25
36	MP3C	Mx	.005	.25
37	MP3C	X	3.566	4.25
38	MP3C	Z	6.177	4.25
39	MP3C	Mx	.005	4.25
40	MP1A	X	1.954	1.25
41	MP1A	Z	3.384	1.25
42	MP1A	Mx	-.001	1.25
43	MP1A	X	1.954	3.25
44	MP1A	Z	3.384	3.25
45	MP1A	Mx	-.001	3.25
46	MP1B	X	1.954	1.25
47	MP1B	Z	3.384	1.25
48	MP1B	Mx	-.001	1.25
49	MP1B	X	1.954	3.25
50	MP1B	Z	3.384	3.25
51	MP1B	Mx	-.001	3.25
52	MP1C	X	.805	1.25
53	MP1C	Z	1.394	1.25
54	MP1C	Mx	.001	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP1C	X	.805	3.25
56	MP1C	Z	1.394	3.25
57	MP1C	Mx	.001	3.25
58	MP4A	X	.483	2.1
59	MP4A	Z	.837	2.1
60	MP4A	Mx	.000241	2.1
61	MP4B	X	.483	2.1
62	MP4B	Z	.837	2.1
63	MP4B	Mx	.000242	2.1
64	MP4C	X	.61	2.1
65	MP4C	Z	1.057	2.1
66	MP4C	Mx	-.00061	2.1
67	MP2A	X	1.696	2.1
68	MP2A	Z	2.937	2.1
69	MP2A	Mx	.001	2.1
70	MP2B	X	1.696	2.1
71	MP2B	Z	2.937	2.1
72	MP2B	Mx	.001	2.1
73	MP2C	X	1.24	2.1
74	MP2C	Z	2.147	2.1
75	MP2C	Mx	-.002	2.1
76	MP3A	X	1.639	2.1
77	MP3A	Z	2.839	2.1
78	MP3A	Mx	.001	2.1
79	MP3B	X	1.639	2.1
80	MP3B	Z	2.839	2.1
81	MP3B	Mx	.001	2.1
82	MP3C	X	1.013	2.1
83	MP3C	Z	1.755	2.1
84	MP3C	Mx	-.001	2.1
85	OVP	X	5.722	.75
86	OVP	Z	9.911	.75
87	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	0	.75
2	OVP	Z	9.776	.75
3	OVP	Mx	.003	.75
4	MP3A	X	0	.25
5	MP3A	Z	10.86	.25
6	MP3A	Mx	-.007	.25
7	MP3A	X	0	4.25
8	MP3A	Z	10.86	4.25
9	MP3A	Mx	-.007	4.25
10	MP3B	X	0	.25
11	MP3B	Z	8.065	.25
12	MP3B	Mx	-.002	.25
13	MP3B	X	0	4.25
14	MP3B	Z	8.065	4.25
15	MP3B	Mx	-.002	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	0	.25
17	MP3C	Z	8.065	.25
18	MP3C	Mx	.007	.25
19	MP3C	X	0	4.25
20	MP3C	Z	8.065	4.25
21	MP3C	Mx	.007	4.25
22	MP3A	X	0	.25
23	MP3A	Z	10.86	.25
24	MP3A	Mx	.007	.25
25	MP3A	X	0	4.25
26	MP3A	Z	10.86	4.25
27	MP3A	Mx	.007	4.25
28	MP3B	X	0	.25
29	MP3B	Z	8.065	.25
30	MP3B	Mx	-.007	.25
31	MP3B	X	0	4.25
32	MP3B	Z	8.065	4.25
33	MP3B	Mx	-.007	4.25
34	MP3C	X	0	.25
35	MP3C	Z	8.065	.25
36	MP3C	Mx	.002	.25
37	MP3C	X	0	4.25
38	MP3C	Z	8.065	4.25
39	MP3C	Mx	.002	4.25
40	MP1A	X	0	1.25
41	MP1A	Z	4.673	1.25
42	MP1A	Mx	0	1.25
43	MP1A	X	0	3.25
44	MP1A	Z	4.673	3.25
45	MP1A	Mx	0	3.25
46	MP1B	X	0	1.25
47	MP1B	Z	2.375	1.25
48	MP1B	Mx	-.001	1.25
49	MP1B	X	0	3.25
50	MP1B	Z	2.375	3.25
51	MP1B	Mx	-.001	3.25
52	MP1C	X	0	1.25
53	MP1C	Z	2.375	1.25
54	MP1C	Mx	.001	1.25
55	MP1C	X	0	3.25
56	MP1C	Z	2.375	3.25
57	MP1C	Mx	.001	3.25
58	MP4A	X	0	2.1
59	MP4A	Z	.882	2.1
60	MP4A	Mx	0	2.1
61	MP4B	X	0	2.1
62	MP4B	Z	1.136	2.1
63	MP4B	Mx	.000492	2.1
64	MP4C	X	0	2.1
65	MP4C	Z	1.136	2.1
66	MP4C	Mx	-.000492	2.1
67	MP2A	X	0	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	3.696	2.1
69	MP2A	Mx	0	2.1
70	MP2B	X	0	2.1
71	MP2B	Z	2.784	2.1
72	MP2B	Mx	.002	2.1
73	MP2C	X	0	2.1
74	MP2C	Z	2.784	2.1
75	MP2C	Mx	-.002	2.1
76	MP3A	X	0	2.1
77	MP3A	Z	3.696	2.1
78	MP3A	Mx	0	2.1
79	MP3B	X	0	2.1
80	MP3B	Z	2.444	2.1
81	MP3B	Mx	.001	2.1
82	MP3C	X	0	2.1
83	MP3C	Z	2.444	2.1
84	MP3C	Mx	-.001	2.1
85	OVP	X	0	.75
86	OVP	Z	9.776	.75
87	OVP	Mx	-.003	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-3.219	.75
2	OVP	Z	5.575	.75
3	OVP	Mx	.004	.75
4	MP3A	X	-4.964	.25
5	MP3A	Z	8.598	.25
6	MP3A	Mx	-.002	.25
7	MP3A	X	-4.964	4.25
8	MP3A	Z	8.598	4.25
9	MP3A	Mx	-.002	4.25
10	MP3B	X	-3.566	.25
11	MP3B	Z	6.177	.25
12	MP3B	Mx	-.005	.25
13	MP3B	X	-3.566	4.25
14	MP3B	Z	6.177	4.25
15	MP3B	Mx	-.005	4.25
16	MP3C	X	-4.964	.25
17	MP3C	Z	8.598	.25
18	MP3C	Mx	.009	.25
19	MP3C	X	-4.964	4.25
20	MP3C	Z	8.598	4.25
21	MP3C	Mx	.009	4.25
22	MP3A	X	-4.964	.25
23	MP3A	Z	8.598	.25
24	MP3A	Mx	.009	.25
25	MP3A	X	-4.964	4.25
26	MP3A	Z	8.598	4.25
27	MP3A	Mx	.009	4.25
28	MP3B	X	-3.566	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	6.177	.25
30	MP3B	Mx	-.005	.25
31	MP3B	X	-3.566	4.25
32	MP3B	Z	6.177	4.25
33	MP3B	Mx	-.005	4.25
34	MP3C	X	-4.964	.25
35	MP3C	Z	8.598	.25
36	MP3C	Mx	-.002	.25
37	MP3C	X	-4.964	4.25
38	MP3C	Z	8.598	4.25
39	MP3C	Mx	-.002	4.25
40	MP1A	X	-1.954	1.25
41	MP1A	Z	3.384	1.25
42	MP1A	Mx	.001	1.25
43	MP1A	X	-1.954	3.25
44	MP1A	Z	3.384	3.25
45	MP1A	Mx	.001	3.25
46	MP1B	X	-.805	1.25
47	MP1B	Z	1.394	1.25
48	MP1B	Mx	-.001	1.25
49	MP1B	X	-.805	3.25
50	MP1B	Z	1.394	3.25
51	MP1B	Mx	-.001	3.25
52	MP1C	X	-1.954	1.25
53	MP1C	Z	3.384	1.25
54	MP1C	Mx	.001	1.25
55	MP1C	X	-1.954	3.25
56	MP1C	Z	3.384	3.25
57	MP1C	Mx	.001	3.25
58	MP4A	X	-.483	2.1
59	MP4A	Z	.837	2.1
60	MP4A	Mx	-.000241	2.1
61	MP4B	X	-.61	2.1
62	MP4B	Z	1.057	2.1
63	MP4B	Mx	.00061	2.1
64	MP4C	X	-.483	2.1
65	MP4C	Z	.837	2.1
66	MP4C	Mx	-.000242	2.1
67	MP2A	X	-1.696	2.1
68	MP2A	Z	2.937	2.1
69	MP2A	Mx	-.001	2.1
70	MP2B	X	-1.24	2.1
71	MP2B	Z	2.147	2.1
72	MP2B	Mx	.002	2.1
73	MP2C	X	-1.696	2.1
74	MP2C	Z	2.937	2.1
75	MP2C	Mx	-.001	2.1
76	MP3A	X	-1.639	2.1
77	MP3A	Z	2.839	2.1
78	MP3A	Mx	-.001	2.1
79	MP3B	X	-1.013	2.1
80	MP3B	Z	1.755	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	.001	2.1
82	MP3C	X	-1.639	2.1
83	MP3C	Z	2.839	2.1
84	MP3C	Mx	-.001	2.1
85	OVP	X	-3.219	.75
86	OVP	Z	5.575	.75
87	OVP	Mx	-.004	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-4.13	.75
2	OVP	Z	2.384	.75
3	OVP	Mx	.003	.75
4	MP3A	X	-6.984	.25
5	MP3A	Z	4.032	.25
6	MP3A	Mx	.002	.25
7	MP3A	X	-6.984	4.25
8	MP3A	Z	4.032	4.25
9	MP3A	Mx	.002	4.25
10	MP3B	X	-6.984	.25
11	MP3B	Z	4.032	.25
12	MP3B	Mx	-.007	.25
13	MP3B	X	-6.984	4.25
14	MP3B	Z	4.032	4.25
15	MP3B	Mx	-.007	4.25
16	MP3C	X	-9.405	.25
17	MP3C	Z	5.43	.25
18	MP3C	Mx	.007	.25
19	MP3C	X	-9.405	4.25
20	MP3C	Z	5.43	4.25
21	MP3C	Mx	.007	4.25
22	MP3A	X	-6.984	.25
23	MP3A	Z	4.032	.25
24	MP3A	Mx	.007	.25
25	MP3A	X	-6.984	4.25
26	MP3A	Z	4.032	4.25
27	MP3A	Mx	.007	4.25
28	MP3B	X	-6.984	.25
29	MP3B	Z	4.032	.25
30	MP3B	Mx	-.002	.25
31	MP3B	X	-6.984	4.25
32	MP3B	Z	4.032	4.25
33	MP3B	Mx	-.002	4.25
34	MP3C	X	-9.405	.25
35	MP3C	Z	5.43	.25
36	MP3C	Mx	-.007	.25
37	MP3C	X	-9.405	4.25
38	MP3C	Z	5.43	4.25
39	MP3C	Mx	-.007	4.25
40	MP1A	X	-2.057	1.25
41	MP1A	Z	1.188	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP1A	Mx	.001	1.25
43	MP1A	X	-2.057	3.25
44	MP1A	Z	1.188	3.25
45	MP1A	Mx	.001	3.25
46	MP1B	X	-2.057	1.25
47	MP1B	Z	1.188	1.25
48	MP1B	Mx	-.001	1.25
49	MP1B	X	-2.057	3.25
50	MP1B	Z	1.188	3.25
51	MP1B	Mx	-.001	3.25
52	MP1C	X	-4.047	1.25
53	MP1C	Z	2.337	1.25
54	MP1C	Mx	0	1.25
55	MP1C	X	-4.047	3.25
56	MP1C	Z	2.337	3.25
57	MP1C	Mx	0	3.25
58	MP4A	X	-.984	2.1
59	MP4A	Z	.568	2.1
60	MP4A	Mx	-.000492	2.1
61	MP4B	X	-.984	2.1
62	MP4B	Z	.568	2.1
63	MP4B	Mx	.000492	2.1
64	MP4C	X	-.764	2.1
65	MP4C	Z	.441	2.1
66	MP4C	Mx	0	2.1
67	MP2A	X	-2.411	2.1
68	MP2A	Z	1.392	2.1
69	MP2A	Mx	-.002	2.1
70	MP2B	X	-2.411	2.1
71	MP2B	Z	1.392	2.1
72	MP2B	Mx	.002	2.1
73	MP2C	X	-3.201	2.1
74	MP2C	Z	1.848	2.1
75	MP2C	Mx	0	2.1
76	MP3A	X	-2.116	2.1
77	MP3A	Z	1.222	2.1
78	MP3A	Mx	-.001	2.1
79	MP3B	X	-2.116	2.1
80	MP3B	Z	1.222	2.1
81	MP3B	Mx	.001	2.1
82	MP3C	X	-3.201	2.1
83	MP3C	Z	1.848	2.1
84	MP3C	Mx	0	2.1
85	OVP	X	-4.13	.75
86	OVP	Z	2.384	.75
87	OVP	Mx	-.003	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-6.438	.75
2	OVP	Z	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	OVP	Mx	.004	.75
4	MP3A	X	-7.133	.25
5	MP3A	Z	0	.25
6	MP3A	Mx	.005	.25
7	MP3A	X	-7.133	4.25
8	MP3A	Z	0	4.25
9	MP3A	Mx	.005	4.25
10	MP3B	X	-9.929	.25
11	MP3B	Z	0	.25
12	MP3B	Mx	-.009	.25
13	MP3B	X	-9.929	4.25
14	MP3B	Z	0	4.25
15	MP3B	Mx	-.009	4.25
16	MP3C	X	-9.929	.25
17	MP3C	Z	0	.25
18	MP3C	Mx	.002	.25
19	MP3C	X	-9.929	4.25
20	MP3C	Z	0	4.25
21	MP3C	Mx	.002	4.25
22	MP3A	X	-7.133	.25
23	MP3A	Z	0	.25
24	MP3A	Mx	.005	.25
25	MP3A	X	-7.133	4.25
26	MP3A	Z	0	4.25
27	MP3A	Mx	.005	4.25
28	MP3B	X	-9.929	.25
29	MP3B	Z	0	.25
30	MP3B	Mx	.002	.25
31	MP3B	X	-9.929	4.25
32	MP3B	Z	0	4.25
33	MP3B	Mx	.002	4.25
34	MP3C	X	-9.929	.25
35	MP3C	Z	0	.25
36	MP3C	Mx	-.009	.25
37	MP3C	X	-9.929	4.25
38	MP3C	Z	0	4.25
39	MP3C	Mx	-.009	4.25
40	MP1A	X	-1.609	1.25
41	MP1A	Z	0	1.25
42	MP1A	Mx	.001	1.25
43	MP1A	X	-1.609	3.25
44	MP1A	Z	0	3.25
45	MP1A	Mx	.001	3.25
46	MP1B	X	-3.907	1.25
47	MP1B	Z	0	1.25
48	MP1B	Mx	-.001	1.25
49	MP1B	X	-3.907	3.25
50	MP1B	Z	0	3.25
51	MP1B	Mx	-.001	3.25
52	MP1C	X	-3.907	1.25
53	MP1C	Z	0	1.25
54	MP1C	Mx	-.001	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP1C	X	-3.907	3.25
56	MP1C	Z	0	3.25
57	MP1C	Mx	-.001	3.25
58	MP4A	X	-1.221	2.1
59	MP4A	Z	0	2.1
60	MP4A	Mx	-.00061	2.1
61	MP4B	X	-.967	2.1
62	MP4B	Z	0	2.1
63	MP4B	Mx	.000242	2.1
64	MP4C	X	-.967	2.1
65	MP4C	Z	0	2.1
66	MP4C	Mx	.000242	2.1
67	MP2A	X	-2.48	2.1
68	MP2A	Z	0	2.1
69	MP2A	Mx	-.002	2.1
70	MP2B	X	-3.392	2.1
71	MP2B	Z	0	2.1
72	MP2B	Mx	.001	2.1
73	MP2C	X	-3.392	2.1
74	MP2C	Z	0	2.1
75	MP2C	Mx	.001	2.1
76	MP3A	X	-2.027	2.1
77	MP3A	Z	0	2.1
78	MP3A	Mx	-.001	2.1
79	MP3B	X	-3.278	2.1
80	MP3B	Z	0	2.1
81	MP3B	Mx	.001	2.1
82	MP3C	X	-3.278	2.1
83	MP3C	Z	0	2.1
84	MP3C	Mx	.001	2.1
85	OVP	X	-6.438	.75
86	OVP	Z	0	.75
87	OVP	Mx	-.004	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-8.466	.75
2	OVP	Z	-4.888	.75
3	OVP	Mx	.003	.75
4	MP3A	X	-6.984	.25
5	MP3A	Z	-4.032	.25
6	MP3A	Mx	.007	.25
7	MP3A	X	-6.984	4.25
8	MP3A	Z	-4.032	4.25
9	MP3A	Mx	.007	4.25
10	MP3B	X	-9.405	.25
11	MP3B	Z	-5.43	.25
12	MP3B	Mx	-.007	.25
13	MP3B	X	-9.405	4.25
14	MP3B	Z	-5.43	4.25
15	MP3B	Mx	-.007	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	-6.984	.25
17	MP3C	Z	-4.032	.25
18	MP3C	Mx	-.002	.25
19	MP3C	X	-6.984	4.25
20	MP3C	Z	-4.032	4.25
21	MP3C	Mx	-.002	4.25
22	MP3A	X	-6.984	.25
23	MP3A	Z	-4.032	.25
24	MP3A	Mx	.002	.25
25	MP3A	X	-6.984	4.25
26	MP3A	Z	-4.032	4.25
27	MP3A	Mx	.002	4.25
28	MP3B	X	-9.405	.25
29	MP3B	Z	-5.43	.25
30	MP3B	Mx	.007	.25
31	MP3B	X	-9.405	4.25
32	MP3B	Z	-5.43	4.25
33	MP3B	Mx	.007	4.25
34	MP3C	X	-6.984	.25
35	MP3C	Z	-4.032	.25
36	MP3C	Mx	-.007	.25
37	MP3C	X	-6.984	4.25
38	MP3C	Z	-4.032	4.25
39	MP3C	Mx	-.007	4.25
40	MP1A	X	-2.057	1.25
41	MP1A	Z	-1.188	1.25
42	MP1A	Mx	.001	1.25
43	MP1A	X	-2.057	3.25
44	MP1A	Z	-1.188	3.25
45	MP1A	Mx	.001	3.25
46	MP1B	X	-4.047	1.25
47	MP1B	Z	-2.337	1.25
48	MP1B	Mx	0	1.25
49	MP1B	X	-4.047	3.25
50	MP1B	Z	-2.337	3.25
51	MP1B	Mx	0	3.25
52	MP1C	X	-2.057	1.25
53	MP1C	Z	-1.188	1.25
54	MP1C	Mx	-.001	1.25
55	MP1C	X	-2.057	3.25
56	MP1C	Z	-1.188	3.25
57	MP1C	Mx	-.001	3.25
58	MP4A	X	-.984	2.1
59	MP4A	Z	-.568	2.1
60	MP4A	Mx	-.000492	2.1
61	MP4B	X	-.764	2.1
62	MP4B	Z	-.441	2.1
63	MP4B	Mx	0	2.1
64	MP4C	X	-.984	2.1
65	MP4C	Z	-.568	2.1
66	MP4C	Mx	.000492	2.1
67	MP2A	X	-2.411	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	-1.392	2.1
69	MP2A	Mx	-.002	2.1
70	MP2B	X	-3.201	2.1
71	MP2B	Z	-1.848	2.1
72	MP2B	Mx	0	2.1
73	MP2C	X	-2.411	2.1
74	MP2C	Z	-1.392	2.1
75	MP2C	Mx	.002	2.1
76	MP3A	X	-2.116	2.1
77	MP3A	Z	-1.222	2.1
78	MP3A	Mx	-.001	2.1
79	MP3B	X	-3.201	2.1
80	MP3B	Z	-1.848	2.1
81	MP3B	Mx	0	2.1
82	MP3C	X	-2.116	2.1
83	MP3C	Z	-1.222	2.1
84	MP3C	Mx	.001	2.1
85	OVP	X	-8.466	.75
86	OVP	Z	-4.888	.75
87	OVP	Mx	-.003	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	-5.722	.75
2	OVP	Z	-9.911	.75
3	OVP	Mx	0	.75
4	MP3A	X	-4.964	.25
5	MP3A	Z	-8.598	.25
6	MP3A	Mx	.009	.25
7	MP3A	X	-4.964	4.25
8	MP3A	Z	-8.598	4.25
9	MP3A	Mx	.009	4.25
10	MP3B	X	-4.964	.25
11	MP3B	Z	-8.598	.25
12	MP3B	Mx	-.002	.25
13	MP3B	X	-4.964	4.25
14	MP3B	Z	-8.598	4.25
15	MP3B	Mx	-.002	4.25
16	MP3C	X	-3.566	.25
17	MP3C	Z	-6.177	.25
18	MP3C	Mx	-.005	.25
19	MP3C	X	-3.566	4.25
20	MP3C	Z	-6.177	4.25
21	MP3C	Mx	-.005	4.25
22	MP3A	X	-4.964	.25
23	MP3A	Z	-8.598	.25
24	MP3A	Mx	-.002	.25
25	MP3A	X	-4.964	4.25
26	MP3A	Z	-8.598	4.25
27	MP3A	Mx	-.002	4.25
28	MP3B	X	-4.964	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	-8.598	.25
30	MP3B	Mx	.009	.25
31	MP3B	X	-4.964	4.25
32	MP3B	Z	-8.598	4.25
33	MP3B	Mx	.009	4.25
34	MP3C	X	-3.566	.25
35	MP3C	Z	-6.177	.25
36	MP3C	Mx	-.005	.25
37	MP3C	X	-3.566	4.25
38	MP3C	Z	-6.177	4.25
39	MP3C	Mx	-.005	4.25
40	MP1A	X	-1.954	1.25
41	MP1A	Z	-3.384	1.25
42	MP1A	Mx	.001	1.25
43	MP1A	X	-1.954	3.25
44	MP1A	Z	-3.384	3.25
45	MP1A	Mx	.001	3.25
46	MP1B	X	-1.954	1.25
47	MP1B	Z	-3.384	1.25
48	MP1B	Mx	.001	1.25
49	MP1B	X	-1.954	3.25
50	MP1B	Z	-3.384	3.25
51	MP1B	Mx	.001	3.25
52	MP1C	X	-.805	1.25
53	MP1C	Z	-1.394	1.25
54	MP1C	Mx	-.001	1.25
55	MP1C	X	-.805	3.25
56	MP1C	Z	-1.394	3.25
57	MP1C	Mx	-.001	3.25
58	MP4A	X	-.483	2.1
59	MP4A	Z	-.837	2.1
60	MP4A	Mx	-.000241	2.1
61	MP4B	X	-.483	2.1
62	MP4B	Z	-.837	2.1
63	MP4B	Mx	-.000242	2.1
64	MP4C	X	-.61	2.1
65	MP4C	Z	-1.057	2.1
66	MP4C	Mx	.00061	2.1
67	MP2A	X	-1.696	2.1
68	MP2A	Z	-2.937	2.1
69	MP2A	Mx	-.001	2.1
70	MP2B	X	-1.696	2.1
71	MP2B	Z	-2.937	2.1
72	MP2B	Mx	-.001	2.1
73	MP2C	X	-1.24	2.1
74	MP2C	Z	-2.147	2.1
75	MP2C	Mx	.002	2.1
76	MP3A	X	-1.639	2.1
77	MP3A	Z	-2.839	2.1
78	MP3A	Mx	-.001	2.1
79	MP3B	X	-1.639	2.1
80	MP3B	Z	-2.839	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	-.001	2.1
82	MP3C	X	-1.013	2.1
83	MP3C	Z	-1.755	2.1
84	MP3C	Mx	.001	2.1
85	OVP	X	-5.722	.75
86	OVP	Z	-9.911	.75
87	OVP	Mx	0	.75

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7	Y	-500	4.083

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7	Y	-500	%86

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	Y	-.814	.75
2	OVP	My	-.00047	.75
3	OVP	Mz	.000271	.75
4	MP3A	Y	-1.364	.25
5	MP3A	My	-.000909	.25
6	MP3A	Mz	-.000909	.25
7	MP3A	Y	-1.364	4.25
8	MP3A	My	-.000909	4.25
9	MP3A	Mz	-.000909	4.25
10	MP3B	Y	-1.364	.25
11	MP3B	My	.001	.25
12	MP3B	Mz	-.000333	.25
13	MP3B	Y	-1.364	4.25
14	MP3B	My	.001	4.25
15	MP3B	Mz	-.000333	4.25
16	MP3C	Y	-1.364	.25
17	MP3C	My	-.000333	.25
18	MP3C	Mz	.001	.25
19	MP3C	Y	-1.364	4.25
20	MP3C	My	-.000333	4.25
21	MP3C	Mz	.001	4.25
22	MP3A	Y	-1.364	.25
23	MP3A	My	-.000909	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP3A	Mz	.000909	.25
25	MP3A	Y	-1.364	4.25
26	MP3A	My	-.000909	4.25
27	MP3A	Mz	.000909	4.25
28	MP3B	Y	-1.364	.25
29	MP3B	My	-.000333	.25
30	MP3B	Mz	-.001	.25
31	MP3B	Y	-1.364	4.25
32	MP3B	My	-.000333	4.25
33	MP3B	Mz	-.001	4.25
34	MP3C	Y	-1.364	.25
35	MP3C	My	.001	.25
36	MP3C	Mz	.000333	.25
37	MP3C	Y	-1.364	4.25
38	MP3C	My	.001	4.25
39	MP3C	Mz	.000333	4.25
40	MP1A	Y	-1.877	1.25
41	MP1A	My	-.001	1.25
42	MP1A	Mz	0	1.25
43	MP1A	Y	-1.877	3.25
44	MP1A	My	-.001	3.25
45	MP1A	Mz	0	3.25
46	MP1B	Y	-1.877	1.25
47	MP1B	My	.000626	1.25
48	MP1B	Mz	-.001	1.25
49	MP1B	Y	-1.877	3.25
50	MP1B	My	.000626	3.25
51	MP1B	Mz	-.001	3.25
52	MP1C	Y	-1.877	1.25
53	MP1C	My	.000626	1.25
54	MP1C	Mz	.001	1.25
55	MP1C	Y	-1.877	3.25
56	MP1C	My	.000626	3.25
57	MP1C	Mz	.001	3.25
58	MP4A	Y	-.896	2.1
59	MP4A	My	.000448	2.1
60	MP4A	Mz	0	2.1
61	MP4B	Y	-.896	2.1
62	MP4B	My	-.000224	2.1
63	MP4B	Mz	.000388	2.1
64	MP4C	Y	-.896	2.1
65	MP4C	My	-.000224	2.1
66	MP4C	Mz	-.000388	2.1
67	MP2A	Y	-3.637	2.1
68	MP2A	My	.002	2.1
69	MP2A	Mz	0	2.1
70	MP2B	Y	-3.637	2.1
71	MP2B	My	-.001	2.1
72	MP2B	Mz	.002	2.1
73	MP2C	Y	-3.637	2.1
74	MP2C	My	-.001	2.1
75	MP2C	Mz	-.002	2.1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP3A	Y	-3.029	2.1
77	MP3A	My	.002	2.1
78	MP3A	Mz	0	2.1
79	MP3B	Y	-3.029	2.1
80	MP3B	My	-.001	2.1
81	MP3B	Mz	.002	2.1
82	MP3C	Y	-3.029	2.1
83	MP3C	My	-.001	2.1
84	MP3C	Mz	-.002	2.1
85	OVP	Y	-.814	.75
86	OVP	My	.00047	.75
87	OVP	Mz	-.000271	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	Z	-2.036	.75
2	OVP	Mx	-.000679	.75
3	MP3A	Z	-3.41	.25
4	MP3A	Mx	.002	.25
5	MP3A	Z	-3.41	4.25
6	MP3A	Mx	.002	4.25
7	MP3B	Z	-3.41	.25
8	MP3B	Mx	.000832	.25
9	MP3B	Z	-3.41	4.25
10	MP3B	Mx	.000832	4.25
11	MP3C	Z	-3.41	.25
12	MP3C	Mx	-.003	.25
13	MP3C	Z	-3.41	4.25
14	MP3C	Mx	-.003	4.25
15	MP3A	Z	-3.41	.25
16	MP3A	Mx	-.002	.25
17	MP3A	Z	-3.41	4.25
18	MP3A	Mx	-.002	4.25
19	MP3B	Z	-3.41	.25
20	MP3B	Mx	.003	.25
21	MP3B	Z	-3.41	4.25
22	MP3B	Mx	.003	4.25
23	MP3C	Z	-3.41	.25
24	MP3C	Mx	-.000832	.25
25	MP3C	Z	-3.41	4.25
26	MP3C	Mx	-.000832	4.25
27	MP1A	Z	-4.692	1.25
28	MP1A	Mx	0	1.25
29	MP1A	Z	-4.692	3.25
30	MP1A	Mx	0	3.25
31	MP1B	Z	-4.692	1.25
32	MP1B	Mx	.003	1.25
33	MP1B	Z	-4.692	3.25
34	MP1B	Mx	.003	3.25
35	MP1C	Z	-4.692	1.25
36	MP1C	Mx	-.003	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP1C	Z	-4.692	3.25
38	MP1C	Mx	-.003	3.25
39	MP4A	Z	-2.241	2.1
40	MP4A	Mx	0	2.1
41	MP4B	Z	-2.241	2.1
42	MP4B	Mx	-.00097	2.1
43	MP4C	Z	-2.241	2.1
44	MP4C	Mx	.00097	2.1
45	MP2A	Z	-9.093	2.1
46	MP2A	Mx	0	2.1
47	MP2B	Z	-9.093	2.1
48	MP2B	Mx	-.005	2.1
49	MP2C	Z	-9.093	2.1
50	MP2C	Mx	.005	2.1
51	MP3A	Z	-7.574	2.1
52	MP3A	Mx	0	2.1
53	MP3B	Z	-7.574	2.1
54	MP3B	Mx	-.004	2.1
55	MP3C	Z	-7.574	2.1
56	MP3C	Mx	.004	2.1
57	OVP	Z	-2.036	.75
58	OVP	Mx	.000679	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	OVP	X	2.036	.75
2	OVP	Mx	-.001	.75
3	MP3A	X	3.41	.25
4	MP3A	Mx	-.002	.25
5	MP3A	X	3.41	4.25
6	MP3A	Mx	-.002	4.25
7	MP3B	X	3.41	.25
8	MP3B	Mx	.003	.25
9	MP3B	X	3.41	4.25
10	MP3B	Mx	.003	4.25
11	MP3C	X	3.41	.25
12	MP3C	Mx	-.000832	.25
13	MP3C	X	3.41	4.25
14	MP3C	Mx	-.000832	4.25
15	MP3A	X	3.41	.25
16	MP3A	Mx	-.002	.25
17	MP3A	X	3.41	4.25
18	MP3A	Mx	-.002	4.25
19	MP3B	X	3.41	.25
20	MP3B	Mx	-.000832	.25
21	MP3B	X	3.41	4.25
22	MP3B	Mx	-.000832	4.25
23	MP3C	X	3.41	.25
24	MP3C	Mx	.003	.25
25	MP3C	X	3.41	4.25
26	MP3C	Mx	.003	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP1A	X	4.692	1.25
28	MP1A	Mx	-.003	1.25
29	MP1A	X	4.692	3.25
30	MP1A	Mx	-.003	3.25
31	MP1B	X	4.692	1.25
32	MP1B	Mx	.002	1.25
33	MP1B	X	4.692	3.25
34	MP1B	Mx	.002	3.25
35	MP1C	X	4.692	1.25
36	MP1C	Mx	.002	1.25
37	MP1C	X	4.692	3.25
38	MP1C	Mx	.002	3.25
39	MP4A	X	2.241	2.1
40	MP4A	Mx	.001	2.1
41	MP4B	X	2.241	2.1
42	MP4B	Mx	-.00056	2.1
43	MP4C	X	2.241	2.1
44	MP4C	Mx	-.00056	2.1
45	MP2A	X	9.093	2.1
46	MP2A	Mx	.006	2.1
47	MP2B	X	9.093	2.1
48	MP2B	Mx	-.003	2.1
49	MP2C	X	9.093	2.1
50	MP2C	Mx	-.003	2.1
51	MP3A	X	7.574	2.1
52	MP3A	Mx	.005	2.1
53	MP3B	X	7.574	2.1
54	MP3B	Mx	-.003	2.1
55	MP3C	X	7.574	2.1
56	MP3C	Mx	-.003	2.1
57	OVP	X	2.036	.75
58	OVP	Mx	.001	.75

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	Y	-6.14	-6.14	0	%100
2	M104B	Y	-6.14	-6.14	0	%100
3	M105B	Y	-6.14	-6.14	0	%100
4	M15	Y	-9.497	-9.497	0	%100
5	M17	Y	-9.497	-9.497	0	%100
6	M79	Y	-9.497	-9.497	0	%100
7	M80	Y	-9.497	-9.497	0	%100
8	M97B	Y	-9.497	-9.497	0	%100
9	M98B	Y	-9.497	-9.497	0	%100
10	MP4A	Y	-4.636	-4.636	0	%100
11	MP3A	Y	-4.636	-4.636	0	%100
12	MP2A	Y	-4.636	-4.636	0	%100
13	MP1A	Y	-4.636	-4.636	0	%100
14	MP4C	Y	-4.636	-4.636	0	%100
15	MP3C	Y	-4.636	-4.636	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
16	MP2C	Y	-4.636	-4.636	0	%100
17	MP1C	Y	-4.636	-4.636	0	%100
18	MP4B	Y	-4.636	-4.636	0	%100
19	MP3B	Y	-4.636	-4.636	0	%100
20	MP2B	Y	-4.636	-4.636	0	%100
21	MP1B	Y	-4.636	-4.636	0	%100
22	OVP	Y	-4.636	-4.636	0	%100
23	M103A	Y	-7.132	-7.132	0	%100
24	M104A	Y	-7.132	-7.132	0	%100
25	M105A	Y	-7.132	-7.132	0	%100
26	M61	Y	-5.305	-5.305	0	%100
27	M71A	Y	-5.305	-5.305	0	%100
28	M87	Y	-5.305	-5.305	0	%100
29	M108	Y	-9.481	-9.481	0	%100
30	M109	Y	-9.481	-9.481	0	%100
31	M110A	Y	-9.481	-9.481	0	%100
32	M33	Y	-5.242	-5.242	0	%100
33	M34	Y	-5.242	-5.242	0	%100
34	M81	Y	-5.242	-5.242	0	%100
35	M82A	Y	-5.242	-5.242	0	%100
36	M99A	Y	-5.242	-5.242	0	%100
37	M100A	Y	-5.242	-5.242	0	%100
38	M7	Y	-5.305	-5.305	0	%100
39	M86	Y	-5.305	-5.305	0	%100
40	M102A	Y	-5.305	-5.305	0	%100
41	M36	Y	-9.497	-9.497	0	%100
42	M40	Y	-9.497	-9.497	0	%100
43	M35	Y	-9.497	-9.497	0	%100
44	M39	Y	-9.497	-9.497	0	%100
45	M83A	Y	-9.497	-9.497	0	%100
46	M84A	Y	-9.497	-9.497	0	%100
47	M85A	Y	-9.497	-9.497	0	%100
48	M86A	Y	-9.497	-9.497	0	%100
49	M101A	Y	-9.497	-9.497	0	%100
50	M102	Y	-9.497	-9.497	0	%100
51	M103	Y	-9.497	-9.497	0	%100
52	M104	Y	-9.497	-9.497	0	%100
53	M32	Y	-7.282	-7.282	0	%100
54	M110	Y	-7.282	-7.282	0	%100
55	M71	Y	-7.282	-7.282	0	%100
56	M72	Y	-7.282	-7.282	0	%100
57	M89A	Y	-7.282	-7.282	0	%100
58	M90	Y	-7.282	-7.282	0	%100
59	M16	Y	-9.497	-9.497	0	%100
60	M87A	Y	-9.497	-9.497	0	%100
61	M105	Y	-9.497	-9.497	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	0	0	0	%100
2	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
3	M104B	X	0	0	0	%100
4	M104B	Z	-9.786	-9.786	0	%100
5	M105B	X	0	0	0	%100
6	M105B	Z	-9.786	-9.786	0	%100
7	M15	X	0	0	0	%100
8	M15	Z	-6.209	-6.209	0	%100
9	M17	X	0	0	0	%100
10	M17	Z	-6.209	-6.209	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	-6.209	-6.209	0	%100
13	M80	X	0	0	0	%100
14	M80	Z	-24.836	-24.836	0	%100
15	M97B	X	0	0	0	%100
16	M97B	Z	-24.836	-24.836	0	%100
17	M98B	X	0	0	0	%100
18	M98B	Z	-6.209	-6.209	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	-9.831	-9.831	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	-9.831	-9.831	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-9.831	-9.831	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	-9.831	-9.831	0	%100
27	MP4C	X	0	0	0	%100
28	MP4C	Z	-9.831	-9.831	0	%100
29	MP3C	X	0	0	0	%100
30	MP3C	Z	-9.831	-9.831	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	-9.831	-9.831	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	-9.831	-9.831	0	%100
35	MP4B	X	0	0	0	%100
36	MP4B	Z	-9.831	-9.831	0	%100
37	MP3B	X	0	0	0	%100
38	MP3B	Z	-9.831	-9.831	0	%100
39	MP2B	X	0	0	0	%100
40	MP2B	Z	-9.831	-9.831	0	%100
41	MP1B	X	0	0	0	%100
42	MP1B	Z	-9.831	-9.831	0	%100
43	OVP	X	0	0	0	%100
44	OVP	Z	-9.831	-9.831	0	%100
45	M103A	X	0	0	0	%100
46	M103A	Z	-16.761	-16.761	0	%100
47	M104A	X	0	0	0	%100
48	M104A	Z	-4.19	-4.19	0	%100
49	M105A	X	0	0	0	%100
50	M105A	Z	-4.19	-4.19	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	-11.901	-11.901	0	%100
53	M71A	X	0	0	0	%100
54	M71A	Z	-2.975	-2.975	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
55	M87	X	0	0	0	%100
56	M87	Z	-2.975	-2.975	0	%100
57	M108	X	0	0	0	%100
58	M108	Z	-6.214	-6.214	0	%100
59	M109	X	0	0	0	%100
60	M109	Z	-16.476	-16.476	0	%100
61	M110A	X	0	0	0	%100
62	M110A	Z	-16.476	-16.476	0	%100
63	M33	X	0	0	0	%100
64	M33	Z	-3.569	-3.569	0	%100
65	M34	X	0	0	0	%100
66	M34	Z	-3.569	-3.569	0	%100
67	M81	X	0	0	0	%100
68	M81	Z	-13.797	-13.797	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	-3.332	-3.332	0	%100
71	M99A	X	0	0	0	%100
72	M99A	Z	-3.332	-3.332	0	%100
73	M100A	X	0	0	0	%100
74	M100A	Z	-13.797	-13.797	0	%100
75	M7	X	0	0	0	%100
76	M7	Z	-11.901	-11.901	0	%100
77	M86	X	0	0	0	%100
78	M86	Z	-2.975	-2.975	0	%100
79	M102A	X	0	0	0	%100
80	M102A	Z	-2.975	-2.975	0	%100
81	M36	X	0	0	0	%100
82	M36	Z	-24.835	-24.835	0	%100
83	M40	X	0	0	0	%100
84	M40	Z	-24.835	-24.835	0	%100
85	M35	X	0	0	0	%100
86	M35	Z	-6.333	-6.333	0	%100
87	M39	X	0	0	0	%100
88	M39	Z	-6.333	-6.333	0	%100
89	M83A	X	0	0	0	%100
90	M83A	Z	-6.333	-6.333	0	%100
91	M84A	X	0	0	0	%100
92	M84A	Z	-6.086	-6.086	0	%100
93	M85A	X	0	0	0	%100
94	M85A	Z	-6.086	-6.086	0	%100
95	M86A	X	0	0	0	%100
96	M86A	Z	-24.835	-24.835	0	%100
97	M101A	X	0	0	0	%100
98	M101A	Z	-6.086	-6.086	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	-6.333	-6.333	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	-24.835	-24.835	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	-6.086	-6.086	0	%100
105	M32	X	0	0	0	%100
106	M32	Z	-20.465	-20.465	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
107	M110	X	0	0	0	%100
108	M110	Z	-20.465	-20.465	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	-5.116	-5.116	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	-5.116	-5.116	0	%100
113	M89A	X	0	0	0	%100
114	M89A	Z	-5.116	-5.116	0	%100
115	M90	X	0	0	0	%100
116	M90	Z	-5.116	-5.116	0	%100
117	M16	X	0	0	0	%100
118	M16	Z	-24.836	-24.836	0	%100
119	M87A	X	0	0	0	%100
120	M87A	Z	-6.209	-6.209	0	%100
121	M105	X	0	0	0	%100
122	M105	Z	-6.209	-6.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	1.631	1.631	0	%100
2	M31	Z	-2.825	-2.825	0	%100
3	M104B	X	1.631	1.631	0	%100
4	M104B	Z	-2.825	-2.825	0	%100
5	M105B	X	6.524	6.524	0	%100
6	M105B	Z	-11.3	-11.3	0	%100
7	M15	X	9.314	9.314	0	%100
8	M15	Z	-16.132	-16.132	0	%100
9	M17	X	0	0	0	%100
10	M17	Z	0	0	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	0	0	0	%100
13	M80	X	9.314	9.314	0	%100
14	M80	Z	-16.132	-16.132	0	%100
15	M97B	X	9.314	9.314	0	%100
16	M97B	Z	-16.132	-16.132	0	%100
17	M98B	X	9.314	9.314	0	%100
18	M98B	Z	-16.132	-16.132	0	%100
19	MP4A	X	4.916	4.916	0	%100
20	MP4A	Z	-8.514	-8.514	0	%100
21	MP3A	X	4.916	4.916	0	%100
22	MP3A	Z	-8.514	-8.514	0	%100
23	MP2A	X	4.916	4.916	0	%100
24	MP2A	Z	-8.514	-8.514	0	%100
25	MP1A	X	4.916	4.916	0	%100
26	MP1A	Z	-8.514	-8.514	0	%100
27	MP4C	X	4.916	4.916	0	%100
28	MP4C	Z	-8.514	-8.514	0	%100
29	MP3C	X	4.916	4.916	0	%100
30	MP3C	Z	-8.514	-8.514	0	%100
31	MP2C	X	4.916	4.916	0	%100
32	MP2C	Z	-8.514	-8.514	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
33	MP1C	X	4.916	4.916	0	%100
34	MP1C	Z	-8.514	-8.514	0	%100
35	MP4B	X	4.916	4.916	0	%100
36	MP4B	Z	-8.514	-8.514	0	%100
37	MP3B	X	4.916	4.916	0	%100
38	MP3B	Z	-8.514	-8.514	0	%100
39	MP2B	X	4.916	4.916	0	%100
40	MP2B	Z	-8.514	-8.514	0	%100
41	MP1B	X	4.916	4.916	0	%100
42	MP1B	Z	-8.514	-8.514	0	%100
43	OVP	X	4.916	4.916	0	%100
44	OVP	Z	-8.514	-8.514	0	%100
45	M103A	X	6.285	6.285	0	%100
46	M103A	Z	-10.887	-10.887	0	%100
47	M104A	X	6.285	6.285	0	%100
48	M104A	Z	-10.887	-10.887	0	%100
49	M105A	X	0	0	0	%100
50	M105A	Z	0	0	0	%100
51	M61	X	4.463	4.463	0	%100
52	M61	Z	-7.73	-7.73	0	%100
53	M71A	X	4.463	4.463	0	%100
54	M71A	Z	-7.73	-7.73	0	%100
55	M87	X	0	0	0	%100
56	M87	Z	0	0	0	%100
57	M108	X	4.818	4.818	0	%100
58	M108	Z	-8.344	-8.344	0	%100
59	M109	X	4.818	4.818	0	%100
60	M109	Z	-8.344	-8.344	0	%100
61	M110A	X	9.949	9.949	0	%100
62	M110A	Z	-17.231	-17.231	0	%100
63	M33	X	.000679	.000679	0	%100
64	M33	Z	-.001	-.001	0	%100
65	M34	X	5.233	5.233	0	%100
66	M34	Z	-9.064	-9.064	0	%100
67	M81	X	5.233	5.233	0	%100
68	M81	Z	-9.064	-9.064	0	%100
69	M82A	X	.000679	.000679	0	%100
70	M82A	Z	-.001	-.001	0	%100
71	M99A	X	5.115	5.115	0	%100
72	M99A	Z	-8.859	-8.859	0	%100
73	M100A	X	5.115	5.115	0	%100
74	M100A	Z	-8.859	-8.859	0	%100
75	M7	X	4.463	4.463	0	%100
76	M7	Z	-7.73	-7.73	0	%100
77	M86	X	4.463	4.463	0	%100
78	M86	Z	-7.73	-7.73	0	%100
79	M102A	X	0	0	0	%100
80	M102A	Z	0	0	0	%100
81	M36	X	9.251	9.251	0	%100
82	M36	Z	-16.024	-16.024	0	%100
83	M40	X	9.375	9.375	0	%100
84	M40	Z	-16.239	-16.239	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
85	M35	X	9.375	9.375	0	%100
86	M35	Z	-16.239	-16.239	0	%100
87	M39	X	.000412	.000412	0	%100
88	M39	Z	-.000714	-.000714	0	%100
89	M83A	X	9.375	9.375	0	%100
90	M83A	Z	-16.239	-16.239	0	%100
91	M84A	X	9.251	9.251	0	%100
92	M84A	Z	-16.024	-16.024	0	%100
93	M85A	X	.000412	.000412	0	%100
94	M85A	Z	-.000714	-.000714	0	%100
95	M86A	X	9.375	9.375	0	%100
96	M86A	Z	-16.239	-16.239	0	%100
97	M101A	X	.000412	.000412	0	%100
98	M101A	Z	-.000714	-.000714	0	%100
99	M102	X	.000412	.000412	0	%100
100	M102	Z	-.000714	-.000714	0	%100
101	M103	X	9.251	9.251	0	%100
102	M103	Z	-16.024	-16.024	0	%100
103	M104	X	9.251	9.251	0	%100
104	M104	Z	-16.024	-16.024	0	%100
105	M32	X	7.674	7.674	0	%100
106	M32	Z	-13.292	-13.292	0	%100
107	M110	X	7.674	7.674	0	%100
108	M110	Z	-13.292	-13.292	0	%100
109	M71	X	7.674	7.674	0	%100
110	M71	Z	-13.292	-13.292	0	%100
111	M72	X	7.674	7.674	0	%100
112	M72	Z	-13.292	-13.292	0	%100
113	M89A	X	0	0	0	%100
114	M89A	Z	0	0	0	%100
115	M90	X	0	0	0	%100
116	M90	Z	0	0	0	%100
117	M16	X	9.314	9.314	0	%100
118	M16	Z	-16.132	-16.132	0	%100
119	M87A	X	9.314	9.314	0	%100
120	M87A	Z	-16.132	-16.132	0	%100
121	M105	X	0	0	0	%100
122	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	8.475	8.475	0	%100
2	M31	Z	-4.893	-4.893	0	%100
3	M104B	X	0	0	0	%100
4	M104B	Z	0	0	0	%100
5	M105B	X	8.475	8.475	0	%100
6	M105B	Z	-4.893	-4.893	0	%100
7	M15	X	21.509	21.509	0	%100
8	M15	Z	-12.418	-12.418	0	%100
9	M17	X	5.377	5.377	0	%100
10	M17	Z	-3.105	-3.105	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
11	M79	X	5.377	5.377	0	%100
12	M79	Z	-3.105	-3.105	0	%100
13	M80	X	5.377	5.377	0	%100
14	M80	Z	-3.105	-3.105	0	%100
15	M97B	X	5.377	5.377	0	%100
16	M97B	Z	-3.105	-3.105	0	%100
17	M98B	X	21.509	21.509	0	%100
18	M98B	Z	-12.418	-12.418	0	%100
19	MP4A	X	8.514	8.514	0	%100
20	MP4A	Z	-4.916	-4.916	0	%100
21	MP3A	X	8.514	8.514	0	%100
22	MP3A	Z	-4.916	-4.916	0	%100
23	MP2A	X	8.514	8.514	0	%100
24	MP2A	Z	-4.916	-4.916	0	%100
25	MP1A	X	8.514	8.514	0	%100
26	MP1A	Z	-4.916	-4.916	0	%100
27	MP4C	X	8.514	8.514	0	%100
28	MP4C	Z	-4.916	-4.916	0	%100
29	MP3C	X	8.514	8.514	0	%100
30	MP3C	Z	-4.916	-4.916	0	%100
31	MP2C	X	8.514	8.514	0	%100
32	MP2C	Z	-4.916	-4.916	0	%100
33	MP1C	X	8.514	8.514	0	%100
34	MP1C	Z	-4.916	-4.916	0	%100
35	MP4B	X	8.514	8.514	0	%100
36	MP4B	Z	-4.916	-4.916	0	%100
37	MP3B	X	8.514	8.514	0	%100
38	MP3B	Z	-4.916	-4.916	0	%100
39	MP2B	X	8.514	8.514	0	%100
40	MP2B	Z	-4.916	-4.916	0	%100
41	MP1B	X	8.514	8.514	0	%100
42	MP1B	Z	-4.916	-4.916	0	%100
43	OVP	X	8.514	8.514	0	%100
44	OVP	Z	-4.916	-4.916	0	%100
45	M103A	X	3.629	3.629	0	%100
46	M103A	Z	-2.095	-2.095	0	%100
47	M104A	X	14.515	14.515	0	%100
48	M104A	Z	-8.38	-8.38	0	%100
49	M105A	X	3.629	3.629	0	%100
50	M105A	Z	-2.095	-2.095	0	%100
51	M61	X	2.577	2.577	0	%100
52	M61	Z	-1.488	-1.488	0	%100
53	M71A	X	10.306	10.306	0	%100
54	M71A	Z	-5.95	-5.95	0	%100
55	M87	X	2.577	2.577	0	%100
56	M87	Z	-1.488	-1.488	0	%100
57	M108	X	14.269	14.269	0	%100
58	M108	Z	-8.238	-8.238	0	%100
59	M109	X	5.382	5.382	0	%100
60	M109	Z	-3.107	-3.107	0	%100
61	M110A	X	14.269	14.269	0	%100
62	M110A	Z	-8.238	-8.238	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
63	M33	X	2.885	2.885	0	%100
64	M33	Z	-1.666	-1.666	0	%100
65	M34	X	11.948	11.948	0	%100
66	M34	Z	-6.898	-6.898	0	%100
67	M81	X	3.091	3.091	0	%100
68	M81	Z	-1.784	-1.784	0	%100
69	M82A	X	3.091	3.091	0	%100
70	M82A	Z	-1.784	-1.784	0	%100
71	M99A	X	11.948	11.948	0	%100
72	M99A	Z	-6.898	-6.898	0	%100
73	M100A	X	2.885	2.885	0	%100
74	M100A	Z	-1.666	-1.666	0	%100
75	M7	X	2.577	2.577	0	%100
76	M7	Z	-1.488	-1.488	0	%100
77	M86	X	10.306	10.306	0	%100
78	M86	Z	-5.95	-5.95	0	%100
79	M102A	X	2.577	2.577	0	%100
80	M102A	Z	-1.488	-1.488	0	%100
81	M36	X	5.27	5.27	0	%100
82	M36	Z	-3.043	-3.043	0	%100
83	M40	X	5.485	5.485	0	%100
84	M40	Z	-3.167	-3.167	0	%100
85	M35	X	21.508	21.508	0	%100
86	M35	Z	-12.418	-12.418	0	%100
87	M39	X	5.27	5.27	0	%100
88	M39	Z	-3.043	-3.043	0	%100
89	M83A	X	21.508	21.508	0	%100
90	M83A	Z	-12.418	-12.418	0	%100
91	M84A	X	21.508	21.508	0	%100
92	M84A	Z	-12.418	-12.418	0	%100
93	M85A	X	5.485	5.485	0	%100
94	M85A	Z	-3.167	-3.167	0	%100
95	M86A	X	5.485	5.485	0	%100
96	M86A	Z	-3.167	-3.167	0	%100
97	M101A	X	5.485	5.485	0	%100
98	M101A	Z	-3.167	-3.167	0	%100
99	M102	X	5.27	5.27	0	%100
100	M102	Z	-3.043	-3.043	0	%100
101	M103	X	5.27	5.27	0	%100
102	M103	Z	-3.043	-3.043	0	%100
103	M104	X	21.508	21.508	0	%100
104	M104	Z	-12.418	-12.418	0	%100
105	M32	X	4.431	4.431	0	%100
106	M32	Z	-2.558	-2.558	0	%100
107	M110	X	4.431	4.431	0	%100
108	M110	Z	-2.558	-2.558	0	%100
109	M71	X	17.723	17.723	0	%100
110	M71	Z	-10.232	-10.232	0	%100
111	M72	X	17.723	17.723	0	%100
112	M72	Z	-10.232	-10.232	0	%100
113	M89A	X	4.431	4.431	0	%100
114	M89A	Z	-2.558	-2.558	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	M90	X	4.431	4.431	0	%100
116	M90	Z	-2.558	-2.558	0	%100
117	M16	X	5.377	5.377	0	%100
118	M16	Z	-3.105	-3.105	0	%100
119	M87A	X	21.509	21.509	0	%100
120	M87A	Z	-12.418	-12.418	0	%100
121	M105	X	5.377	5.377	0	%100
122	M105	Z	-3.105	-3.105	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	13.048	13.048	0	%100
2	M31	Z	0	0	0	%100
3	M104B	X	3.262	3.262	0	%100
4	M104B	Z	0	0	0	%100
5	M105B	X	3.262	3.262	0	%100
6	M105B	Z	0	0	0	%100
7	M15	X	18.627	18.627	0	%100
8	M15	Z	0	0	0	%100
9	M17	X	18.627	18.627	0	%100
10	M17	Z	0	0	0	%100
11	M79	X	18.627	18.627	0	%100
12	M79	Z	0	0	0	%100
13	M80	X	0	0	0	%100
14	M80	Z	0	0	0	%100
15	M97B	X	0	0	0	%100
16	M97B	Z	0	0	0	%100
17	M98B	X	18.627	18.627	0	%100
18	M98B	Z	0	0	0	%100
19	MP4A	X	9.831	9.831	0	%100
20	MP4A	Z	0	0	0	%100
21	MP3A	X	9.831	9.831	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	9.831	9.831	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	9.831	9.831	0	%100
26	MP1A	Z	0	0	0	%100
27	MP4C	X	9.831	9.831	0	%100
28	MP4C	Z	0	0	0	%100
29	MP3C	X	9.831	9.831	0	%100
30	MP3C	Z	0	0	0	%100
31	MP2C	X	9.831	9.831	0	%100
32	MP2C	Z	0	0	0	%100
33	MP1C	X	9.831	9.831	0	%100
34	MP1C	Z	0	0	0	%100
35	MP4B	X	9.831	9.831	0	%100
36	MP4B	Z	0	0	0	%100
37	MP3B	X	9.831	9.831	0	%100
38	MP3B	Z	0	0	0	%100
39	MP2B	X	9.831	9.831	0	%100
40	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
41	MP1B	X	9.831	9.831	0	%100
42	MP1B	Z	0	0	0	%100
43	OVP	X	9.831	9.831	0	%100
44	OVP	Z	0	0	0	%100
45	M103A	X	0	0	0	%100
46	M103A	Z	0	0	0	%100
47	M104A	X	12.571	12.571	0	%100
48	M104A	Z	0	0	0	%100
49	M105A	X	12.571	12.571	0	%100
50	M105A	Z	0	0	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	M71A	X	8.926	8.926	0	%100
54	M71A	Z	0	0	0	%100
55	M87	X	8.926	8.926	0	%100
56	M87	Z	0	0	0	%100
57	M108	X	19.897	19.897	0	%100
58	M108	Z	0	0	0	%100
59	M109	X	9.635	9.635	0	%100
60	M109	Z	0	0	0	%100
61	M110A	X	9.635	9.635	0	%100
62	M110A	Z	0	0	0	%100
63	M33	X	10.229	10.229	0	%100
64	M33	Z	0	0	0	%100
65	M34	X	10.229	10.229	0	%100
66	M34	Z	0	0	0	%100
67	M81	X	.001	.001	0	%100
68	M81	Z	0	0	0	%100
69	M82A	X	10.466	10.466	0	%100
70	M82A	Z	0	0	0	%100
71	M99A	X	10.466	10.466	0	%100
72	M99A	Z	0	0	0	%100
73	M100A	X	.001	.001	0	%100
74	M100A	Z	0	0	0	%100
75	M7	X	0	0	0	%100
76	M7	Z	0	0	0	%100
77	M86	X	8.926	8.926	0	%100
78	M86	Z	0	0	0	%100
79	M102A	X	8.926	8.926	0	%100
80	M102A	Z	0	0	0	%100
81	M36	X	.000824	.000824	0	%100
82	M36	Z	0	0	0	%100
83	M40	X	.000824	.000824	0	%100
84	M40	Z	0	0	0	%100
85	M35	X	18.503	18.503	0	%100
86	M35	Z	0	0	0	%100
87	M39	X	18.503	18.503	0	%100
88	M39	Z	0	0	0	%100
89	M83A	X	18.503	18.503	0	%100
90	M83A	Z	0	0	0	%100
91	M84A	X	18.751	18.751	0	%100
92	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
93	M85A	X	18.751	18.751	0	%100
94	M85A	Z	0	0	0	%100
95	M86A	X	.000824	.000824	0	%100
96	M86A	Z	0	0	0	%100
97	M101A	X	18.751	18.751	0	%100
98	M101A	Z	0	0	0	%100
99	M102	X	18.503	18.503	0	%100
100	M102	Z	0	0	0	%100
101	M103	X	.000824	.000824	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	18.751	18.751	0	%100
104	M104	Z	0	0	0	%100
105	M32	X	0	0	0	%100
106	M32	Z	0	0	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M71	X	15.349	15.349	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	15.349	15.349	0	%100
112	M72	Z	0	0	0	%100
113	M89A	X	15.349	15.349	0	%100
114	M89A	Z	0	0	0	%100
115	M90	X	15.349	15.349	0	%100
116	M90	Z	0	0	0	%100
117	M16	X	0	0	0	%100
118	M16	Z	0	0	0	%100
119	M87A	X	18.627	18.627	0	%100
120	M87A	Z	0	0	0	%100
121	M105	X	18.627	18.627	0	%100
122	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	8.475	8.475	0	%100
2	M31	Z	4.893	4.893	0	%100
3	M104B	X	8.475	8.475	0	%100
4	M104B	Z	4.893	4.893	0	%100
5	M105B	X	0	0	0	%100
6	M105B	Z	0	0	0	%100
7	M15	X	5.377	5.377	0	%100
8	M15	Z	3.105	3.105	0	%100
9	M17	X	21.509	21.509	0	%100
10	M17	Z	12.418	12.418	0	%100
11	M79	X	21.509	21.509	0	%100
12	M79	Z	12.418	12.418	0	%100
13	M80	X	5.377	5.377	0	%100
14	M80	Z	3.105	3.105	0	%100
15	M97B	X	5.377	5.377	0	%100
16	M97B	Z	3.105	3.105	0	%100
17	M98B	X	5.377	5.377	0	%100
18	M98B	Z	3.105	3.105	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
19	MP4A	X	8.514	8.514	0	%100
20	MP4A	Z	4.916	4.916	0	%100
21	MP3A	X	8.514	8.514	0	%100
22	MP3A	Z	4.916	4.916	0	%100
23	MP2A	X	8.514	8.514	0	%100
24	MP2A	Z	4.916	4.916	0	%100
25	MP1A	X	8.514	8.514	0	%100
26	MP1A	Z	4.916	4.916	0	%100
27	MP4C	X	8.514	8.514	0	%100
28	MP4C	Z	4.916	4.916	0	%100
29	MP3C	X	8.514	8.514	0	%100
30	MP3C	Z	4.916	4.916	0	%100
31	MP2C	X	8.514	8.514	0	%100
32	MP2C	Z	4.916	4.916	0	%100
33	MP1C	X	8.514	8.514	0	%100
34	MP1C	Z	4.916	4.916	0	%100
35	MP4B	X	8.514	8.514	0	%100
36	MP4B	Z	4.916	4.916	0	%100
37	MP3B	X	8.514	8.514	0	%100
38	MP3B	Z	4.916	4.916	0	%100
39	MP2B	X	8.514	8.514	0	%100
40	MP2B	Z	4.916	4.916	0	%100
41	MP1B	X	8.514	8.514	0	%100
42	MP1B	Z	4.916	4.916	0	%100
43	OVP	X	8.514	8.514	0	%100
44	OVP	Z	4.916	4.916	0	%100
45	M103A	X	3.629	3.629	0	%100
46	M103A	Z	2.095	2.095	0	%100
47	M104A	X	3.629	3.629	0	%100
48	M104A	Z	2.095	2.095	0	%100
49	M105A	X	14.515	14.515	0	%100
50	M105A	Z	8.38	8.38	0	%100
51	M61	X	2.577	2.577	0	%100
52	M61	Z	1.488	1.488	0	%100
53	M71A	X	2.577	2.577	0	%100
54	M71A	Z	1.488	1.488	0	%100
55	M87	X	10.306	10.306	0	%100
56	M87	Z	5.95	5.95	0	%100
57	M108	X	14.269	14.269	0	%100
58	M108	Z	8.238	8.238	0	%100
59	M109	X	14.269	14.269	0	%100
60	M109	Z	8.238	8.238	0	%100
61	M110A	X	5.382	5.382	0	%100
62	M110A	Z	3.107	3.107	0	%100
63	M33	X	11.948	11.948	0	%100
64	M33	Z	6.898	6.898	0	%100
65	M34	X	2.885	2.885	0	%100
66	M34	Z	1.666	1.666	0	%100
67	M81	X	2.885	2.885	0	%100
68	M81	Z	1.666	1.666	0	%100
69	M82A	X	11.948	11.948	0	%100
70	M82A	Z	6.898	6.898	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
71	M99A	X	3.091	3.091	0	%100
72	M99A	Z	1.784	1.784	0	%100
73	M100A	X	3.091	3.091	0	%100
74	M100A	Z	1.784	1.784	0	%100
75	M7	X	2.577	2.577	0	%100
76	M7	Z	1.488	1.488	0	%100
77	M86	X	2.577	2.577	0	%100
78	M86	Z	1.488	1.488	0	%100
79	M102A	X	10.306	10.306	0	%100
80	M102A	Z	5.95	5.95	0	%100
81	M36	X	5.485	5.485	0	%100
82	M36	Z	3.167	3.167	0	%100
83	M40	X	5.27	5.27	0	%100
84	M40	Z	3.043	3.043	0	%100
85	M35	X	5.27	5.27	0	%100
86	M35	Z	3.043	3.043	0	%100
87	M39	X	21.508	21.508	0	%100
88	M39	Z	12.418	12.418	0	%100
89	M83A	X	5.27	5.27	0	%100
90	M83A	Z	3.043	3.043	0	%100
91	M84A	X	5.485	5.485	0	%100
92	M84A	Z	3.167	3.167	0	%100
93	M85A	X	21.508	21.508	0	%100
94	M85A	Z	12.418	12.418	0	%100
95	M86A	X	5.27	5.27	0	%100
96	M86A	Z	3.043	3.043	0	%100
97	M101A	X	21.508	21.508	0	%100
98	M101A	Z	12.418	12.418	0	%100
99	M102	X	21.508	21.508	0	%100
100	M102	Z	12.418	12.418	0	%100
101	M103	X	5.485	5.485	0	%100
102	M103	Z	3.167	3.167	0	%100
103	M104	X	5.485	5.485	0	%100
104	M104	Z	3.167	3.167	0	%100
105	M32	X	4.431	4.431	0	%100
106	M32	Z	2.558	2.558	0	%100
107	M110	X	4.431	4.431	0	%100
108	M110	Z	2.558	2.558	0	%100
109	M71	X	4.431	4.431	0	%100
110	M71	Z	2.558	2.558	0	%100
111	M72	X	4.431	4.431	0	%100
112	M72	Z	2.558	2.558	0	%100
113	M89A	X	17.723	17.723	0	%100
114	M89A	Z	10.232	10.232	0	%100
115	M90	X	17.723	17.723	0	%100
116	M90	Z	10.232	10.232	0	%100
117	M16	X	5.377	5.377	0	%100
118	M16	Z	3.105	3.105	0	%100
119	M87A	X	5.377	5.377	0	%100
120	M87A	Z	3.105	3.105	0	%100
121	M105	X	21.509	21.509	0	%100
122	M105	Z	12.418	12.418	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	1.631	1.631	0	%100
2	M31	Z	2.825	2.825	0	%100
3	M104B	X	6.524	6.524	0	%100
4	M104B	Z	11.3	11.3	0	%100
5	M105B	X	1.631	1.631	0	%100
6	M105B	Z	2.825	2.825	0	%100
7	M15	X	0	0	0	%100
8	M15	Z	0	0	0	%100
9	M17	X	9.314	9.314	0	%100
10	M17	Z	16.132	16.132	0	%100
11	M79	X	9.314	9.314	0	%100
12	M79	Z	16.132	16.132	0	%100
13	M80	X	9.314	9.314	0	%100
14	M80	Z	16.132	16.132	0	%100
15	M97B	X	9.314	9.314	0	%100
16	M97B	Z	16.132	16.132	0	%100
17	M98B	X	0	0	0	%100
18	M98B	Z	0	0	0	%100
19	MP4A	X	4.916	4.916	0	%100
20	MP4A	Z	8.514	8.514	0	%100
21	MP3A	X	4.916	4.916	0	%100
22	MP3A	Z	8.514	8.514	0	%100
23	MP2A	X	4.916	4.916	0	%100
24	MP2A	Z	8.514	8.514	0	%100
25	MP1A	X	4.916	4.916	0	%100
26	MP1A	Z	8.514	8.514	0	%100
27	MP4C	X	4.916	4.916	0	%100
28	MP4C	Z	8.514	8.514	0	%100
29	MP3C	X	4.916	4.916	0	%100
30	MP3C	Z	8.514	8.514	0	%100
31	MP2C	X	4.916	4.916	0	%100
32	MP2C	Z	8.514	8.514	0	%100
33	MP1C	X	4.916	4.916	0	%100
34	MP1C	Z	8.514	8.514	0	%100
35	MP4B	X	4.916	4.916	0	%100
36	MP4B	Z	8.514	8.514	0	%100
37	MP3B	X	4.916	4.916	0	%100
38	MP3B	Z	8.514	8.514	0	%100
39	MP2B	X	4.916	4.916	0	%100
40	MP2B	Z	8.514	8.514	0	%100
41	MP1B	X	4.916	4.916	0	%100
42	MP1B	Z	8.514	8.514	0	%100
43	OVP	X	4.916	4.916	0	%100
44	OVP	Z	8.514	8.514	0	%100
45	M103A	X	6.285	6.285	0	%100
46	M103A	Z	10.887	10.887	0	%100
47	M104A	X	0	0	0	%100
48	M104A	Z	0	0	0	%100
49	M105A	X	6.285	6.285	0	%100
50	M105A	Z	10.887	10.887	0	%100
51	M61	X	4.463	4.463	0	%100
52	M61	Z	7.73	7.73	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
53	M71A	X	0	0	0	%100
54	M71A	Z	0	0	0	%100
55	M87	X	4.463	4.463	0	%100
56	M87	Z	7.73	7.73	0	%100
57	M108	X	4.818	4.818	0	%100
58	M108	Z	8.344	8.344	0	%100
59	M109	X	9.949	9.949	0	%100
60	M109	Z	17.231	17.231	0	%100
61	M110A	X	4.818	4.818	0	%100
62	M110A	Z	8.344	8.344	0	%100
63	M33	X	5.233	5.233	0	%100
64	M33	Z	9.064	9.064	0	%100
65	M34	X	.000679	.000679	0	%100
66	M34	Z	.001	.001	0	%100
67	M81	X	5.115	5.115	0	%100
68	M81	Z	8.859	8.859	0	%100
69	M82A	X	5.115	5.115	0	%100
70	M82A	Z	8.859	8.859	0	%100
71	M99A	X	.000679	.000679	0	%100
72	M99A	Z	.001	.001	0	%100
73	M100A	X	5.233	5.233	0	%100
74	M100A	Z	9.064	9.064	0	%100
75	M7	X	4.463	4.463	0	%100
76	M7	Z	7.73	7.73	0	%100
77	M86	X	0	0	0	%100
78	M86	Z	0	0	0	%100
79	M102A	X	4.463	4.463	0	%100
80	M102A	Z	7.73	7.73	0	%100
81	M36	X	9.375	9.375	0	%100
82	M36	Z	16.239	16.239	0	%100
83	M40	X	9.251	9.251	0	%100
84	M40	Z	16.024	16.024	0	%100
85	M35	X	.000412	.000412	0	%100
86	M35	Z	.000714	.000714	0	%100
87	M39	X	9.375	9.375	0	%100
88	M39	Z	16.239	16.239	0	%100
89	M83A	X	.000412	.000412	0	%100
90	M83A	Z	.000714	.000714	0	%100
91	M84A	X	.000412	.000412	0	%100
92	M84A	Z	.000714	.000714	0	%100
93	M85A	X	9.251	9.251	0	%100
94	M85A	Z	16.024	16.024	0	%100
95	M86A	X	9.251	9.251	0	%100
96	M86A	Z	16.024	16.024	0	%100
97	M101A	X	9.251	9.251	0	%100
98	M101A	Z	16.024	16.024	0	%100
99	M102	X	9.375	9.375	0	%100
100	M102	Z	16.239	16.239	0	%100
101	M103	X	9.375	9.375	0	%100
102	M103	Z	16.239	16.239	0	%100
103	M104	X	.000412	.000412	0	%100
104	M104	Z	.000714	.000714	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
105	M32	X	7.674	7.674	0	%100
106	M32	Z	13.292	13.292	0	%100
107	M110	X	7.674	7.674	0	%100
108	M110	Z	13.292	13.292	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	0	0	0	%100
113	M89A	X	7.674	7.674	0	%100
114	M89A	Z	13.292	13.292	0	%100
115	M90	X	7.674	7.674	0	%100
116	M90	Z	13.292	13.292	0	%100
117	M16	X	9.314	9.314	0	%100
118	M16	Z	16.132	16.132	0	%100
119	M87A	X	0	0	0	%100
120	M87A	Z	0	0	0	%100
121	M105	X	9.314	9.314	0	%100
122	M105	Z	16.132	16.132	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	0	0	0	%100
2	M31	Z	0	0	0	%100
3	M104B	X	0	0	0	%100
4	M104B	Z	9.786	9.786	0	%100
5	M105B	X	0	0	0	%100
6	M105B	Z	9.786	9.786	0	%100
7	M15	X	0	0	0	%100
8	M15	Z	6.209	6.209	0	%100
9	M17	X	0	0	0	%100
10	M17	Z	6.209	6.209	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	6.209	6.209	0	%100
13	M80	X	0	0	0	%100
14	M80	Z	24.836	24.836	0	%100
15	M97B	X	0	0	0	%100
16	M97B	Z	24.836	24.836	0	%100
17	M98B	X	0	0	0	%100
18	M98B	Z	6.209	6.209	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	9.831	9.831	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	9.831	9.831	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	9.831	9.831	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	9.831	9.831	0	%100
27	MP4C	X	0	0	0	%100
28	MP4C	Z	9.831	9.831	0	%100
29	MP3C	X	0	0	0	%100
30	MP3C	Z	9.831	9.831	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
31	MP2C	X	0	0	0	%100
32	MP2C	Z	9.831	9.831	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	9.831	9.831	0	%100
35	MP4B	X	0	0	0	%100
36	MP4B	Z	9.831	9.831	0	%100
37	MP3B	X	0	0	0	%100
38	MP3B	Z	9.831	9.831	0	%100
39	MP2B	X	0	0	0	%100
40	MP2B	Z	9.831	9.831	0	%100
41	MP1B	X	0	0	0	%100
42	MP1B	Z	9.831	9.831	0	%100
43	OVP	X	0	0	0	%100
44	OVP	Z	9.831	9.831	0	%100
45	M103A	X	0	0	0	%100
46	M103A	Z	16.761	16.761	0	%100
47	M104A	X	0	0	0	%100
48	M104A	Z	4.19	4.19	0	%100
49	M105A	X	0	0	0	%100
50	M105A	Z	4.19	4.19	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	11.901	11.901	0	%100
53	M71A	X	0	0	0	%100
54	M71A	Z	2.975	2.975	0	%100
55	M87	X	0	0	0	%100
56	M87	Z	2.975	2.975	0	%100
57	M108	X	0	0	0	%100
58	M108	Z	6.214	6.214	0	%100
59	M109	X	0	0	0	%100
60	M109	Z	16.476	16.476	0	%100
61	M110A	X	0	0	0	%100
62	M110A	Z	16.476	16.476	0	%100
63	M33	X	0	0	0	%100
64	M33	Z	3.569	3.569	0	%100
65	M34	X	0	0	0	%100
66	M34	Z	3.569	3.569	0	%100
67	M81	X	0	0	0	%100
68	M81	Z	13.797	13.797	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	3.332	3.332	0	%100
71	M99A	X	0	0	0	%100
72	M99A	Z	3.332	3.332	0	%100
73	M100A	X	0	0	0	%100
74	M100A	Z	13.797	13.797	0	%100
75	M7	X	0	0	0	%100
76	M7	Z	11.901	11.901	0	%100
77	M86	X	0	0	0	%100
78	M86	Z	2.975	2.975	0	%100
79	M102A	X	0	0	0	%100
80	M102A	Z	2.975	2.975	0	%100
81	M36	X	0	0	0	%100
82	M36	Z	24.835	24.835	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
83	M40	X	0	0	0	%100
84	M40	Z	24.835	24.835	0	%100
85	M35	X	0	0	0	%100
86	M35	Z	6.333	6.333	0	%100
87	M39	X	0	0	0	%100
88	M39	Z	6.333	6.333	0	%100
89	M83A	X	0	0	0	%100
90	M83A	Z	6.333	6.333	0	%100
91	M84A	X	0	0	0	%100
92	M84A	Z	6.086	6.086	0	%100
93	M85A	X	0	0	0	%100
94	M85A	Z	6.086	6.086	0	%100
95	M86A	X	0	0	0	%100
96	M86A	Z	24.835	24.835	0	%100
97	M101A	X	0	0	0	%100
98	M101A	Z	6.086	6.086	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	6.333	6.333	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	24.835	24.835	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	6.086	6.086	0	%100
105	M32	X	0	0	0	%100
106	M32	Z	20.465	20.465	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	20.465	20.465	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	5.116	5.116	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	5.116	5.116	0	%100
113	M89A	X	0	0	0	%100
114	M89A	Z	5.116	5.116	0	%100
115	M90	X	0	0	0	%100
116	M90	Z	5.116	5.116	0	%100
117	M16	X	0	0	0	%100
118	M16	Z	24.836	24.836	0	%100
119	M87A	X	0	0	0	%100
120	M87A	Z	6.209	6.209	0	%100
121	M105	X	0	0	0	%100
122	M105	Z	6.209	6.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-1.631	-1.631	0	%100
2	M31	Z	2.825	2.825	0	%100
3	M104B	X	-1.631	-1.631	0	%100
4	M104B	Z	2.825	2.825	0	%100
5	M105B	X	-6.524	-6.524	0	%100
6	M105B	Z	11.3	11.3	0	%100
7	M15	X	-9.314	-9.314	0	%100
8	M15	Z	16.132	16.132	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
9	M17	X	0	0	0	%100
10	M17	Z	0	0	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	0	0	0	%100
13	M80	X	-9.314	-9.314	0	%100
14	M80	Z	16.132	16.132	0	%100
15	M97B	X	-9.314	-9.314	0	%100
16	M97B	Z	16.132	16.132	0	%100
17	M98B	X	-9.314	-9.314	0	%100
18	M98B	Z	16.132	16.132	0	%100
19	MP4A	X	-4.916	-4.916	0	%100
20	MP4A	Z	8.514	8.514	0	%100
21	MP3A	X	-4.916	-4.916	0	%100
22	MP3A	Z	8.514	8.514	0	%100
23	MP2A	X	-4.916	-4.916	0	%100
24	MP2A	Z	8.514	8.514	0	%100
25	MP1A	X	-4.916	-4.916	0	%100
26	MP1A	Z	8.514	8.514	0	%100
27	MP4C	X	-4.916	-4.916	0	%100
28	MP4C	Z	8.514	8.514	0	%100
29	MP3C	X	-4.916	-4.916	0	%100
30	MP3C	Z	8.514	8.514	0	%100
31	MP2C	X	-4.916	-4.916	0	%100
32	MP2C	Z	8.514	8.514	0	%100
33	MP1C	X	-4.916	-4.916	0	%100
34	MP1C	Z	8.514	8.514	0	%100
35	MP4B	X	-4.916	-4.916	0	%100
36	MP4B	Z	8.514	8.514	0	%100
37	MP3B	X	-4.916	-4.916	0	%100
38	MP3B	Z	8.514	8.514	0	%100
39	MP2B	X	-4.916	-4.916	0	%100
40	MP2B	Z	8.514	8.514	0	%100
41	MP1B	X	-4.916	-4.916	0	%100
42	MP1B	Z	8.514	8.514	0	%100
43	OVP	X	-4.916	-4.916	0	%100
44	OVP	Z	8.514	8.514	0	%100
45	M103A	X	-6.285	-6.285	0	%100
46	M103A	Z	10.887	10.887	0	%100
47	M104A	X	-6.285	-6.285	0	%100
48	M104A	Z	10.887	10.887	0	%100
49	M105A	X	0	0	0	%100
50	M105A	Z	0	0	0	%100
51	M61	X	-4.463	-4.463	0	%100
52	M61	Z	7.73	7.73	0	%100
53	M71A	X	-4.463	-4.463	0	%100
54	M71A	Z	7.73	7.73	0	%100
55	M87	X	0	0	0	%100
56	M87	Z	0	0	0	%100
57	M108	X	-4.818	-4.818	0	%100
58	M108	Z	8.344	8.344	0	%100
59	M109	X	-4.818	-4.818	0	%100
60	M109	Z	8.344	8.344	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
61	M110A	X	-9.949	-9.949	0	%100
62	M110A	Z	17.231	17.231	0	%100
63	M33	X	-.000679	-.000679	0	%100
64	M33	Z	.001	.001	0	%100
65	M34	X	-5.233	-5.233	0	%100
66	M34	Z	9.064	9.064	0	%100
67	M81	X	-5.233	-5.233	0	%100
68	M81	Z	9.064	9.064	0	%100
69	M82A	X	-.000679	-.000679	0	%100
70	M82A	Z	.001	.001	0	%100
71	M99A	X	-5.115	-5.115	0	%100
72	M99A	Z	8.859	8.859	0	%100
73	M100A	X	-5.115	-5.115	0	%100
74	M100A	Z	8.859	8.859	0	%100
75	M7	X	-4.463	-4.463	0	%100
76	M7	Z	7.73	7.73	0	%100
77	M86	X	-4.463	-4.463	0	%100
78	M86	Z	7.73	7.73	0	%100
79	M102A	X	0	0	0	%100
80	M102A	Z	0	0	0	%100
81	M36	X	-9.251	-9.251	0	%100
82	M36	Z	16.024	16.024	0	%100
83	M40	X	-9.375	-9.375	0	%100
84	M40	Z	16.239	16.239	0	%100
85	M35	X	-9.375	-9.375	0	%100
86	M35	Z	16.239	16.239	0	%100
87	M39	X	-.000412	-.000412	0	%100
88	M39	Z	.000714	.000714	0	%100
89	M83A	X	-9.375	-9.375	0	%100
90	M83A	Z	16.239	16.239	0	%100
91	M84A	X	-9.251	-9.251	0	%100
92	M84A	Z	16.024	16.024	0	%100
93	M85A	X	-.000412	-.000412	0	%100
94	M85A	Z	.000714	.000714	0	%100
95	M86A	X	-9.375	-9.375	0	%100
96	M86A	Z	16.239	16.239	0	%100
97	M101A	X	-.000412	-.000412	0	%100
98	M101A	Z	.000714	.000714	0	%100
99	M102	X	-.000412	-.000412	0	%100
100	M102	Z	.000714	.000714	0	%100
101	M103	X	-9.251	-9.251	0	%100
102	M103	Z	16.024	16.024	0	%100
103	M104	X	-9.251	-9.251	0	%100
104	M104	Z	16.024	16.024	0	%100
105	M32	X	-7.674	-7.674	0	%100
106	M32	Z	13.292	13.292	0	%100
107	M110	X	-7.674	-7.674	0	%100
108	M110	Z	13.292	13.292	0	%100
109	M71	X	-7.674	-7.674	0	%100
110	M71	Z	13.292	13.292	0	%100
111	M72	X	-7.674	-7.674	0	%100
112	M72	Z	13.292	13.292	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
113	M89A	X	0	0	0	%100
114	M89A	Z	0	0	0	%100
115	M90	X	0	0	0	%100
116	M90	Z	0	0	0	%100
117	M16	X	-9.314	-9.314	0	%100
118	M16	Z	16.132	16.132	0	%100
119	M87A	X	-9.314	-9.314	0	%100
120	M87A	Z	16.132	16.132	0	%100
121	M105	X	0	0	0	%100
122	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-8.475	-8.475	0	%100
2	M31	Z	4.893	4.893	0	%100
3	M104B	X	0	0	0	%100
4	M104B	Z	0	0	0	%100
5	M105B	X	-8.475	-8.475	0	%100
6	M105B	Z	4.893	4.893	0	%100
7	M15	X	-21.509	-21.509	0	%100
8	M15	Z	12.418	12.418	0	%100
9	M17	X	-5.377	-5.377	0	%100
10	M17	Z	3.105	3.105	0	%100
11	M79	X	-5.377	-5.377	0	%100
12	M79	Z	3.105	3.105	0	%100
13	M80	X	-5.377	-5.377	0	%100
14	M80	Z	3.105	3.105	0	%100
15	M97B	X	-5.377	-5.377	0	%100
16	M97B	Z	3.105	3.105	0	%100
17	M98B	X	-21.509	-21.509	0	%100
18	M98B	Z	12.418	12.418	0	%100
19	MP4A	X	-8.514	-8.514	0	%100
20	MP4A	Z	4.916	4.916	0	%100
21	MP3A	X	-8.514	-8.514	0	%100
22	MP3A	Z	4.916	4.916	0	%100
23	MP2A	X	-8.514	-8.514	0	%100
24	MP2A	Z	4.916	4.916	0	%100
25	MP1A	X	-8.514	-8.514	0	%100
26	MP1A	Z	4.916	4.916	0	%100
27	MP4C	X	-8.514	-8.514	0	%100
28	MP4C	Z	4.916	4.916	0	%100
29	MP3C	X	-8.514	-8.514	0	%100
30	MP3C	Z	4.916	4.916	0	%100
31	MP2C	X	-8.514	-8.514	0	%100
32	MP2C	Z	4.916	4.916	0	%100
33	MP1C	X	-8.514	-8.514	0	%100
34	MP1C	Z	4.916	4.916	0	%100
35	MP4B	X	-8.514	-8.514	0	%100
36	MP4B	Z	4.916	4.916	0	%100
37	MP3B	X	-8.514	-8.514	0	%100
38	MP3B	Z	4.916	4.916	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
39	MP2B	X	-8.514	-8.514	0	%100
40	MP2B	Z	4.916	4.916	0	%100
41	MP1B	X	-8.514	-8.514	0	%100
42	MP1B	Z	4.916	4.916	0	%100
43	OVP	X	-8.514	-8.514	0	%100
44	OVP	Z	4.916	4.916	0	%100
45	M103A	X	-3.629	-3.629	0	%100
46	M103A	Z	2.095	2.095	0	%100
47	M104A	X	-14.515	-14.515	0	%100
48	M104A	Z	8.38	8.38	0	%100
49	M105A	X	-3.629	-3.629	0	%100
50	M105A	Z	2.095	2.095	0	%100
51	M61	X	-2.577	-2.577	0	%100
52	M61	Z	1.488	1.488	0	%100
53	M71A	X	-10.306	-10.306	0	%100
54	M71A	Z	5.95	5.95	0	%100
55	M87	X	-2.577	-2.577	0	%100
56	M87	Z	1.488	1.488	0	%100
57	M108	X	-14.269	-14.269	0	%100
58	M108	Z	8.238	8.238	0	%100
59	M109	X	-5.382	-5.382	0	%100
60	M109	Z	3.107	3.107	0	%100
61	M110A	X	-14.269	-14.269	0	%100
62	M110A	Z	8.238	8.238	0	%100
63	M33	X	-2.885	-2.885	0	%100
64	M33	Z	1.666	1.666	0	%100
65	M34	X	-11.948	-11.948	0	%100
66	M34	Z	6.898	6.898	0	%100
67	M81	X	-3.091	-3.091	0	%100
68	M81	Z	1.784	1.784	0	%100
69	M82A	X	-3.091	-3.091	0	%100
70	M82A	Z	1.784	1.784	0	%100
71	M99A	X	-11.948	-11.948	0	%100
72	M99A	Z	6.898	6.898	0	%100
73	M100A	X	-2.885	-2.885	0	%100
74	M100A	Z	1.666	1.666	0	%100
75	M7	X	-2.577	-2.577	0	%100
76	M7	Z	1.488	1.488	0	%100
77	M86	X	-10.306	-10.306	0	%100
78	M86	Z	5.95	5.95	0	%100
79	M102A	X	-2.577	-2.577	0	%100
80	M102A	Z	1.488	1.488	0	%100
81	M36	X	-5.27	-5.27	0	%100
82	M36	Z	3.043	3.043	0	%100
83	M40	X	-5.485	-5.485	0	%100
84	M40	Z	3.167	3.167	0	%100
85	M35	X	-21.508	-21.508	0	%100
86	M35	Z	12.418	12.418	0	%100
87	M39	X	-5.27	-5.27	0	%100
88	M39	Z	3.043	3.043	0	%100
89	M83A	X	-21.508	-21.508	0	%100
90	M83A	Z	12.418	12.418	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
91	M84A	X	-21.508	-21.508	0	%100
92	M84A	Z	12.418	12.418	0	%100
93	M85A	X	-5.485	-5.485	0	%100
94	M85A	Z	3.167	3.167	0	%100
95	M86A	X	-5.485	-5.485	0	%100
96	M86A	Z	3.167	3.167	0	%100
97	M101A	X	-5.485	-5.485	0	%100
98	M101A	Z	3.167	3.167	0	%100
99	M102	X	-5.27	-5.27	0	%100
100	M102	Z	3.043	3.043	0	%100
101	M103	X	-5.27	-5.27	0	%100
102	M103	Z	3.043	3.043	0	%100
103	M104	X	-21.508	-21.508	0	%100
104	M104	Z	12.418	12.418	0	%100
105	M32	X	-4.431	-4.431	0	%100
106	M32	Z	2.558	2.558	0	%100
107	M110	X	-4.431	-4.431	0	%100
108	M110	Z	2.558	2.558	0	%100
109	M71	X	-17.723	-17.723	0	%100
110	M71	Z	10.232	10.232	0	%100
111	M72	X	-17.723	-17.723	0	%100
112	M72	Z	10.232	10.232	0	%100
113	M89A	X	-4.431	-4.431	0	%100
114	M89A	Z	2.558	2.558	0	%100
115	M90	X	-4.431	-4.431	0	%100
116	M90	Z	2.558	2.558	0	%100
117	M16	X	-5.377	-5.377	0	%100
118	M16	Z	3.105	3.105	0	%100
119	M87A	X	-21.509	-21.509	0	%100
120	M87A	Z	12.418	12.418	0	%100
121	M105	X	-5.377	-5.377	0	%100
122	M105	Z	3.105	3.105	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-13.048	-13.048	0	%100
2	M31	Z	0	0	0	%100
3	M104B	X	-3.262	-3.262	0	%100
4	M104B	Z	0	0	0	%100
5	M105B	X	-3.262	-3.262	0	%100
6	M105B	Z	0	0	0	%100
7	M15	X	-18.627	-18.627	0	%100
8	M15	Z	0	0	0	%100
9	M17	X	-18.627	-18.627	0	%100
10	M17	Z	0	0	0	%100
11	M79	X	-18.627	-18.627	0	%100
12	M79	Z	0	0	0	%100
13	M80	X	0	0	0	%100
14	M80	Z	0	0	0	%100
15	M97B	X	0	0	0	%100
16	M97B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
17	M98B	X	-18.627	-18.627	0	%100
18	M98B	Z	0	0	0	%100
19	MP4A	X	-9.831	-9.831	0	%100
20	MP4A	Z	0	0	0	%100
21	MP3A	X	-9.831	-9.831	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	-9.831	-9.831	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	-9.831	-9.831	0	%100
26	MP1A	Z	0	0	0	%100
27	MP4C	X	-9.831	-9.831	0	%100
28	MP4C	Z	0	0	0	%100
29	MP3C	X	-9.831	-9.831	0	%100
30	MP3C	Z	0	0	0	%100
31	MP2C	X	-9.831	-9.831	0	%100
32	MP2C	Z	0	0	0	%100
33	MP1C	X	-9.831	-9.831	0	%100
34	MP1C	Z	0	0	0	%100
35	MP4B	X	-9.831	-9.831	0	%100
36	MP4B	Z	0	0	0	%100
37	MP3B	X	-9.831	-9.831	0	%100
38	MP3B	Z	0	0	0	%100
39	MP2B	X	-9.831	-9.831	0	%100
40	MP2B	Z	0	0	0	%100
41	MP1B	X	-9.831	-9.831	0	%100
42	MP1B	Z	0	0	0	%100
43	OVP	X	-9.831	-9.831	0	%100
44	OVP	Z	0	0	0	%100
45	M103A	X	0	0	0	%100
46	M103A	Z	0	0	0	%100
47	M104A	X	-12.571	-12.571	0	%100
48	M104A	Z	0	0	0	%100
49	M105A	X	-12.571	-12.571	0	%100
50	M105A	Z	0	0	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	M71A	X	-8.926	-8.926	0	%100
54	M71A	Z	0	0	0	%100
55	M87	X	-8.926	-8.926	0	%100
56	M87	Z	0	0	0	%100
57	M108	X	-19.897	-19.897	0	%100
58	M108	Z	0	0	0	%100
59	M109	X	-9.635	-9.635	0	%100
60	M109	Z	0	0	0	%100
61	M110A	X	-9.635	-9.635	0	%100
62	M110A	Z	0	0	0	%100
63	M33	X	-10.229	-10.229	0	%100
64	M33	Z	0	0	0	%100
65	M34	X	-10.229	-10.229	0	%100
66	M34	Z	0	0	0	%100
67	M81	X	-.001	-.001	0	%100
68	M81	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
69	M82A	X	-10.466	-10.466	0	%100
70	M82A	Z	0	0	0	%100
71	M99A	X	-10.466	-10.466	0	%100
72	M99A	Z	0	0	0	%100
73	M100A	X	-.001	-.001	0	%100
74	M100A	Z	0	0	0	%100
75	M7	X	0	0	0	%100
76	M7	Z	0	0	0	%100
77	M86	X	-8.926	-8.926	0	%100
78	M86	Z	0	0	0	%100
79	M102A	X	-8.926	-8.926	0	%100
80	M102A	Z	0	0	0	%100
81	M36	X	-.000824	-.000824	0	%100
82	M36	Z	0	0	0	%100
83	M40	X	-.000824	-.000824	0	%100
84	M40	Z	0	0	0	%100
85	M35	X	-18.503	-18.503	0	%100
86	M35	Z	0	0	0	%100
87	M39	X	-18.503	-18.503	0	%100
88	M39	Z	0	0	0	%100
89	M83A	X	-18.503	-18.503	0	%100
90	M83A	Z	0	0	0	%100
91	M84A	X	-18.751	-18.751	0	%100
92	M84A	Z	0	0	0	%100
93	M85A	X	-18.751	-18.751	0	%100
94	M85A	Z	0	0	0	%100
95	M86A	X	-.000824	-.000824	0	%100
96	M86A	Z	0	0	0	%100
97	M101A	X	-18.751	-18.751	0	%100
98	M101A	Z	0	0	0	%100
99	M102	X	-18.503	-18.503	0	%100
100	M102	Z	0	0	0	%100
101	M103	X	-.000824	-.000824	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	-18.751	-18.751	0	%100
104	M104	Z	0	0	0	%100
105	M32	X	0	0	0	%100
106	M32	Z	0	0	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M71	X	-15.349	-15.349	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	-15.349	-15.349	0	%100
112	M72	Z	0	0	0	%100
113	M89A	X	-15.349	-15.349	0	%100
114	M89A	Z	0	0	0	%100
115	M90	X	-15.349	-15.349	0	%100
116	M90	Z	0	0	0	%100
117	M16	X	0	0	0	%100
118	M16	Z	0	0	0	%100
119	M87A	X	-18.627	-18.627	0	%100
120	M87A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
121	M105	X	-18.627	-18.627	0	%100
122	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-8.475	-8.475	0	%100
2	M31	Z	-4.893	-4.893	0	%100
3	M104B	X	-8.475	-8.475	0	%100
4	M104B	Z	-4.893	-4.893	0	%100
5	M105B	X	0	0	0	%100
6	M105B	Z	0	0	0	%100
7	M15	X	-5.377	-5.377	0	%100
8	M15	Z	-3.105	-3.105	0	%100
9	M17	X	-21.509	-21.509	0	%100
10	M17	Z	-12.418	-12.418	0	%100
11	M79	X	-21.509	-21.509	0	%100
12	M79	Z	-12.418	-12.418	0	%100
13	M80	X	-5.377	-5.377	0	%100
14	M80	Z	-3.105	-3.105	0	%100
15	M97B	X	-5.377	-5.377	0	%100
16	M97B	Z	-3.105	-3.105	0	%100
17	M98B	X	-5.377	-5.377	0	%100
18	M98B	Z	-3.105	-3.105	0	%100
19	MP4A	X	-8.514	-8.514	0	%100
20	MP4A	Z	-4.916	-4.916	0	%100
21	MP3A	X	-8.514	-8.514	0	%100
22	MP3A	Z	-4.916	-4.916	0	%100
23	MP2A	X	-8.514	-8.514	0	%100
24	MP2A	Z	-4.916	-4.916	0	%100
25	MP1A	X	-8.514	-8.514	0	%100
26	MP1A	Z	-4.916	-4.916	0	%100
27	MP4C	X	-8.514	-8.514	0	%100
28	MP4C	Z	-4.916	-4.916	0	%100
29	MP3C	X	-8.514	-8.514	0	%100
30	MP3C	Z	-4.916	-4.916	0	%100
31	MP2C	X	-8.514	-8.514	0	%100
32	MP2C	Z	-4.916	-4.916	0	%100
33	MP1C	X	-8.514	-8.514	0	%100
34	MP1C	Z	-4.916	-4.916	0	%100
35	MP4B	X	-8.514	-8.514	0	%100
36	MP4B	Z	-4.916	-4.916	0	%100
37	MP3B	X	-8.514	-8.514	0	%100
38	MP3B	Z	-4.916	-4.916	0	%100
39	MP2B	X	-8.514	-8.514	0	%100
40	MP2B	Z	-4.916	-4.916	0	%100
41	MP1B	X	-8.514	-8.514	0	%100
42	MP1B	Z	-4.916	-4.916	0	%100
43	OVP	X	-8.514	-8.514	0	%100
44	OVP	Z	-4.916	-4.916	0	%100
45	M103A	X	-3.629	-3.629	0	%100
46	M103A	Z	-2.095	-2.095	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
47	M104A	X	-3.629	-3.629	0	%100
48	M104A	Z	-2.095	-2.095	0	%100
49	M105A	X	-14.515	-14.515	0	%100
50	M105A	Z	-8.38	-8.38	0	%100
51	M61	X	-2.577	-2.577	0	%100
52	M61	Z	-1.488	-1.488	0	%100
53	M71A	X	-2.577	-2.577	0	%100
54	M71A	Z	-1.488	-1.488	0	%100
55	M87	X	-10.306	-10.306	0	%100
56	M87	Z	-5.95	-5.95	0	%100
57	M108	X	-14.269	-14.269	0	%100
58	M108	Z	-8.238	-8.238	0	%100
59	M109	X	-14.269	-14.269	0	%100
60	M109	Z	-8.238	-8.238	0	%100
61	M110A	X	-5.382	-5.382	0	%100
62	M110A	Z	-3.107	-3.107	0	%100
63	M33	X	-11.948	-11.948	0	%100
64	M33	Z	-6.898	-6.898	0	%100
65	M34	X	-2.885	-2.885	0	%100
66	M34	Z	-1.666	-1.666	0	%100
67	M81	X	-2.885	-2.885	0	%100
68	M81	Z	-1.666	-1.666	0	%100
69	M82A	X	-11.948	-11.948	0	%100
70	M82A	Z	-6.898	-6.898	0	%100
71	M99A	X	-3.091	-3.091	0	%100
72	M99A	Z	-1.784	-1.784	0	%100
73	M100A	X	-3.091	-3.091	0	%100
74	M100A	Z	-1.784	-1.784	0	%100
75	M7	X	-2.577	-2.577	0	%100
76	M7	Z	-1.488	-1.488	0	%100
77	M86	X	-2.577	-2.577	0	%100
78	M86	Z	-1.488	-1.488	0	%100
79	M102A	X	-10.306	-10.306	0	%100
80	M102A	Z	-5.95	-5.95	0	%100
81	M36	X	-5.485	-5.485	0	%100
82	M36	Z	-3.167	-3.167	0	%100
83	M40	X	-5.27	-5.27	0	%100
84	M40	Z	-3.043	-3.043	0	%100
85	M35	X	-5.27	-5.27	0	%100
86	M35	Z	-3.043	-3.043	0	%100
87	M39	X	-21.508	-21.508	0	%100
88	M39	Z	-12.418	-12.418	0	%100
89	M83A	X	-5.27	-5.27	0	%100
90	M83A	Z	-3.043	-3.043	0	%100
91	M84A	X	-5.485	-5.485	0	%100
92	M84A	Z	-3.167	-3.167	0	%100
93	M85A	X	-21.508	-21.508	0	%100
94	M85A	Z	-12.418	-12.418	0	%100
95	M86A	X	-5.27	-5.27	0	%100
96	M86A	Z	-3.043	-3.043	0	%100
97	M101A	X	-21.508	-21.508	0	%100
98	M101A	Z	-12.418	-12.418	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
99	M102	X	-21.508	-21.508	0	%100
100	M102	Z	-12.418	-12.418	0	%100
101	M103	X	-5.485	-5.485	0	%100
102	M103	Z	-3.167	-3.167	0	%100
103	M104	X	-5.485	-5.485	0	%100
104	M104	Z	-3.167	-3.167	0	%100
105	M32	X	-4.431	-4.431	0	%100
106	M32	Z	-2.558	-2.558	0	%100
107	M110	X	-4.431	-4.431	0	%100
108	M110	Z	-2.558	-2.558	0	%100
109	M71	X	-4.431	-4.431	0	%100
110	M71	Z	-2.558	-2.558	0	%100
111	M72	X	-4.431	-4.431	0	%100
112	M72	Z	-2.558	-2.558	0	%100
113	M89A	X	-17.723	-17.723	0	%100
114	M89A	Z	-10.232	-10.232	0	%100
115	M90	X	-17.723	-17.723	0	%100
116	M90	Z	-10.232	-10.232	0	%100
117	M16	X	-5.377	-5.377	0	%100
118	M16	Z	-3.105	-3.105	0	%100
119	M87A	X	-5.377	-5.377	0	%100
120	M87A	Z	-3.105	-3.105	0	%100
121	M105	X	-21.509	-21.509	0	%100
122	M105	Z	-12.418	-12.418	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-1.631	-1.631	0	%100
2	M31	Z	-2.825	-2.825	0	%100
3	M104B	X	-6.524	-6.524	0	%100
4	M104B	Z	-11.3	-11.3	0	%100
5	M105B	X	-1.631	-1.631	0	%100
6	M105B	Z	-2.825	-2.825	0	%100
7	M15	X	0	0	0	%100
8	M15	Z	0	0	0	%100
9	M17	X	-9.314	-9.314	0	%100
10	M17	Z	-16.132	-16.132	0	%100
11	M79	X	-9.314	-9.314	0	%100
12	M79	Z	-16.132	-16.132	0	%100
13	M80	X	-9.314	-9.314	0	%100
14	M80	Z	-16.132	-16.132	0	%100
15	M97B	X	-9.314	-9.314	0	%100
16	M97B	Z	-16.132	-16.132	0	%100
17	M98B	X	0	0	0	%100
18	M98B	Z	0	0	0	%100
19	MP4A	X	-4.916	-4.916	0	%100
20	MP4A	Z	-8.514	-8.514	0	%100
21	MP3A	X	-4.916	-4.916	0	%100
22	MP3A	Z	-8.514	-8.514	0	%100
23	MP2A	X	-4.916	-4.916	0	%100
24	MP2A	Z	-8.514	-8.514	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
25	MP1A	X	-4.916	-4.916	0	%100
26	MP1A	Z	-8.514	-8.514	0	%100
27	MP4C	X	-4.916	-4.916	0	%100
28	MP4C	Z	-8.514	-8.514	0	%100
29	MP3C	X	-4.916	-4.916	0	%100
30	MP3C	Z	-8.514	-8.514	0	%100
31	MP2C	X	-4.916	-4.916	0	%100
32	MP2C	Z	-8.514	-8.514	0	%100
33	MP1C	X	-4.916	-4.916	0	%100
34	MP1C	Z	-8.514	-8.514	0	%100
35	MP4B	X	-4.916	-4.916	0	%100
36	MP4B	Z	-8.514	-8.514	0	%100
37	MP3B	X	-4.916	-4.916	0	%100
38	MP3B	Z	-8.514	-8.514	0	%100
39	MP2B	X	-4.916	-4.916	0	%100
40	MP2B	Z	-8.514	-8.514	0	%100
41	MP1B	X	-4.916	-4.916	0	%100
42	MP1B	Z	-8.514	-8.514	0	%100
43	OVP	X	-4.916	-4.916	0	%100
44	OVP	Z	-8.514	-8.514	0	%100
45	M103A	X	-6.285	-6.285	0	%100
46	M103A	Z	-10.887	-10.887	0	%100
47	M104A	X	0	0	0	%100
48	M104A	Z	0	0	0	%100
49	M105A	X	-6.285	-6.285	0	%100
50	M105A	Z	-10.887	-10.887	0	%100
51	M61	X	-4.463	-4.463	0	%100
52	M61	Z	-7.73	-7.73	0	%100
53	M71A	X	0	0	0	%100
54	M71A	Z	0	0	0	%100
55	M87	X	-4.463	-4.463	0	%100
56	M87	Z	-7.73	-7.73	0	%100
57	M108	X	-4.818	-4.818	0	%100
58	M108	Z	-8.344	-8.344	0	%100
59	M109	X	-9.949	-9.949	0	%100
60	M109	Z	-17.231	-17.231	0	%100
61	M110A	X	-4.818	-4.818	0	%100
62	M110A	Z	-8.344	-8.344	0	%100
63	M33	X	-5.233	-5.233	0	%100
64	M33	Z	-9.064	-9.064	0	%100
65	M34	X	-.000679	-.000679	0	%100
66	M34	Z	-.001	-.001	0	%100
67	M81	X	-5.115	-5.115	0	%100
68	M81	Z	-8.859	-8.859	0	%100
69	M82A	X	-5.115	-5.115	0	%100
70	M82A	Z	-8.859	-8.859	0	%100
71	M99A	X	-.000679	-.000679	0	%100
72	M99A	Z	-.001	-.001	0	%100
73	M100A	X	-5.233	-5.233	0	%100
74	M100A	Z	-9.064	-9.064	0	%100
75	M7	X	-4.463	-4.463	0	%100
76	M7	Z	-7.73	-7.73	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
77	M86	X	0	0	0	%100
78	M86	Z	0	0	0	%100
79	M102A	X	-4.463	-4.463	0	%100
80	M102A	Z	-7.73	-7.73	0	%100
81	M36	X	-9.375	-9.375	0	%100
82	M36	Z	-16.239	-16.239	0	%100
83	M40	X	-9.251	-9.251	0	%100
84	M40	Z	-16.024	-16.024	0	%100
85	M35	X	-.000412	-.000412	0	%100
86	M35	Z	-.000714	-.000714	0	%100
87	M39	X	-9.375	-9.375	0	%100
88	M39	Z	-16.239	-16.239	0	%100
89	M83A	X	-.000412	-.000412	0	%100
90	M83A	Z	-.000714	-.000714	0	%100
91	M84A	X	-.000412	-.000412	0	%100
92	M84A	Z	-.000714	-.000714	0	%100
93	M85A	X	-9.251	-9.251	0	%100
94	M85A	Z	-16.024	-16.024	0	%100
95	M86A	X	-9.251	-9.251	0	%100
96	M86A	Z	-16.024	-16.024	0	%100
97	M101A	X	-9.251	-9.251	0	%100
98	M101A	Z	-16.024	-16.024	0	%100
99	M102	X	-9.375	-9.375	0	%100
100	M102	Z	-16.239	-16.239	0	%100
101	M103	X	-9.375	-9.375	0	%100
102	M103	Z	-16.239	-16.239	0	%100
103	M104	X	-.000412	-.000412	0	%100
104	M104	Z	-.000714	-.000714	0	%100
105	M32	X	-7.674	-7.674	0	%100
106	M32	Z	-13.292	-13.292	0	%100
107	M110	X	-7.674	-7.674	0	%100
108	M110	Z	-13.292	-13.292	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	0	0	0	%100
113	M89A	X	-7.674	-7.674	0	%100
114	M89A	Z	-13.292	-13.292	0	%100
115	M90	X	-7.674	-7.674	0	%100
116	M90	Z	-13.292	-13.292	0	%100
117	M16	X	-9.314	-9.314	0	%100
118	M16	Z	-16.132	-16.132	0	%100
119	M87A	X	0	0	0	%100
120	M87A	Z	0	0	0	%100
121	M105	X	-9.314	-9.314	0	%100
122	M105	Z	-16.132	-16.132	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	0	0	0	%100
2	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
3	M104B	X	0	0	0	%100
4	M104B	Z	-2.693	-2.693	0	%100
5	M105B	X	0	0	0	%100
6	M105B	Z	-2.693	-2.693	0	%100
7	M15	X	0	0	0	%100
8	M15	Z	-1.205	-1.205	0	%100
9	M17	X	0	0	0	%100
10	M17	Z	-1.205	-1.205	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	-1.205	-1.205	0	%100
13	M80	X	0	0	0	%100
14	M80	Z	-4.819	-4.819	0	%100
15	M97B	X	0	0	0	%100
16	M97B	Z	-4.819	-4.819	0	%100
17	M98B	X	0	0	0	%100
18	M98B	Z	-1.205	-1.205	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	-3.022	-3.022	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	-3.022	-3.022	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-3.022	-3.022	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	-3.022	-3.022	0	%100
27	MP4C	X	0	0	0	%100
28	MP4C	Z	-3.022	-3.022	0	%100
29	MP3C	X	0	0	0	%100
30	MP3C	Z	-3.022	-3.022	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	-3.022	-3.022	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	-3.022	-3.022	0	%100
35	MP4B	X	0	0	0	%100
36	MP4B	Z	-3.022	-3.022	0	%100
37	MP3B	X	0	0	0	%100
38	MP3B	Z	-3.022	-3.022	0	%100
39	MP2B	X	0	0	0	%100
40	MP2B	Z	-3.022	-3.022	0	%100
41	MP1B	X	0	0	0	%100
42	MP1B	Z	-3.022	-3.022	0	%100
43	OVP	X	0	0	0	%100
44	OVP	Z	-3.022	-3.022	0	%100
45	M103A	X	0	0	0	%100
46	M103A	Z	-3.96	-3.96	0	%100
47	M104A	X	0	0	0	%100
48	M104A	Z	-.99	-.99	0	%100
49	M105A	X	0	0	0	%100
50	M105A	Z	-.99	-.99	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	-3.353	-3.353	0	%100
53	M71A	X	0	0	0	%100
54	M71A	Z	-.838	-.838	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
55	M87	X	0	0	0	%100
56	M87	Z	-.838	-.838	0	%100
57	M108	X	0	0	0	%100
58	M108	Z	-1.276	-1.276	0	%100
59	M109	X	0	0	0	%100
60	M109	Z	-3.793	-3.793	0	%100
61	M110A	X	0	0	0	%100
62	M110A	Z	-3.793	-3.793	0	%100
63	M33	X	0	0	0	%100
64	M33	Z	-.946	-.946	0	%100
65	M34	X	0	0	0	%100
66	M34	Z	-.946	-.946	0	%100
67	M81	X	0	0	0	%100
68	M81	Z	-3.656	-3.656	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	-.883	-.883	0	%100
71	M99A	X	0	0	0	%100
72	M99A	Z	-.883	-.883	0	%100
73	M100A	X	0	0	0	%100
74	M100A	Z	-3.656	-3.656	0	%100
75	M7	X	0	0	0	%100
76	M7	Z	-3.353	-3.353	0	%100
77	M86	X	0	0	0	%100
78	M86	Z	-.838	-.838	0	%100
79	M102A	X	0	0	0	%100
80	M102A	Z	-.838	-.838	0	%100
81	M36	X	0	0	0	%100
82	M36	Z	-4.819	-4.819	0	%100
83	M40	X	0	0	0	%100
84	M40	Z	-4.819	-4.819	0	%100
85	M35	X	0	0	0	%100
86	M35	Z	-1.229	-1.229	0	%100
87	M39	X	0	0	0	%100
88	M39	Z	-1.229	-1.229	0	%100
89	M83A	X	0	0	0	%100
90	M83A	Z	-1.229	-1.229	0	%100
91	M84A	X	0	0	0	%100
92	M84A	Z	-1.181	-1.181	0	%100
93	M85A	X	0	0	0	%100
94	M85A	Z	-1.181	-1.181	0	%100
95	M86A	X	0	0	0	%100
96	M86A	Z	-4.819	-4.819	0	%100
97	M101A	X	0	0	0	%100
98	M101A	Z	-1.181	-1.181	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	-1.229	-1.229	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	-4.819	-4.819	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	-1.181	-1.181	0	%100
105	M32	X	0	0	0	%100
106	M32	Z	-4.518	-4.518	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
107	M110	X	0	0	0	%100
108	M110	Z	-4.518	-4.518	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	-1.13	-1.13	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	-1.13	-1.13	0	%100
113	M89A	X	0	0	0	%100
114	M89A	Z	-1.13	-1.13	0	%100
115	M90	X	0	0	0	%100
116	M90	Z	-1.13	-1.13	0	%100
117	M16	X	0	0	0	%100
118	M16	Z	-4.931	-4.931	0	%100
119	M87A	X	0	0	0	%100
120	M87A	Z	-1.233	-1.233	0	%100
121	M105	X	0	0	0	%100
122	M105	Z	-1.233	-1.233	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	.449	.449	0	%100
2	M31	Z	-.777	-.777	0	%100
3	M104B	X	.449	.449	0	%100
4	M104B	Z	-.777	-.777	0	%100
5	M105B	X	1.795	1.795	0	%100
6	M105B	Z	-3.109	-3.109	0	%100
7	M15	X	1.807	1.807	0	%100
8	M15	Z	-3.13	-3.13	0	%100
9	M17	X	0	0	0	%100
10	M17	Z	0	0	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	0	0	0	%100
13	M80	X	1.807	1.807	0	%100
14	M80	Z	-3.13	-3.13	0	%100
15	M97B	X	1.807	1.807	0	%100
16	M97B	Z	-3.13	-3.13	0	%100
17	M98B	X	1.807	1.807	0	%100
18	M98B	Z	-3.13	-3.13	0	%100
19	MP4A	X	1.511	1.511	0	%100
20	MP4A	Z	-2.617	-2.617	0	%100
21	MP3A	X	1.511	1.511	0	%100
22	MP3A	Z	-2.617	-2.617	0	%100
23	MP2A	X	1.511	1.511	0	%100
24	MP2A	Z	-2.617	-2.617	0	%100
25	MP1A	X	1.511	1.511	0	%100
26	MP1A	Z	-2.617	-2.617	0	%100
27	MP4C	X	1.511	1.511	0	%100
28	MP4C	Z	-2.617	-2.617	0	%100
29	MP3C	X	1.511	1.511	0	%100
30	MP3C	Z	-2.617	-2.617	0	%100
31	MP2C	X	1.511	1.511	0	%100
32	MP2C	Z	-2.617	-2.617	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
33	MP1C	X	1.511	1.511	0	%100
34	MP1C	Z	-2.617	-2.617	0	%100
35	MP4B	X	1.511	1.511	0	%100
36	MP4B	Z	-2.617	-2.617	0	%100
37	MP3B	X	1.511	1.511	0	%100
38	MP3B	Z	-2.617	-2.617	0	%100
39	MP2B	X	1.511	1.511	0	%100
40	MP2B	Z	-2.617	-2.617	0	%100
41	MP1B	X	1.511	1.511	0	%100
42	MP1B	Z	-2.617	-2.617	0	%100
43	OVP	X	1.511	1.511	0	%100
44	OVP	Z	-2.617	-2.617	0	%100
45	M103A	X	1.485	1.485	0	%100
46	M103A	Z	-2.572	-2.572	0	%100
47	M104A	X	1.485	1.485	0	%100
48	M104A	Z	-2.572	-2.572	0	%100
49	M105A	X	0	0	0	%100
50	M105A	Z	0	0	0	%100
51	M61	X	1.257	1.257	0	%100
52	M61	Z	-2.178	-2.178	0	%100
53	M71A	X	1.257	1.257	0	%100
54	M71A	Z	-2.178	-2.178	0	%100
55	M87	X	0	0	0	%100
56	M87	Z	0	0	0	%100
57	M108	X	1.058	1.058	0	%100
58	M108	Z	-1.832	-1.832	0	%100
59	M109	X	1.058	1.058	0	%100
60	M109	Z	-1.832	-1.832	0	%100
61	M110A	X	2.316	2.316	0	%100
62	M110A	Z	-4.012	-4.012	0	%100
63	M33	X	.00018	.00018	0	%100
64	M33	Z	-.000312	-.000312	0	%100
65	M34	X	1.387	1.387	0	%100
66	M34	Z	-2.402	-2.402	0	%100
67	M81	X	1.387	1.387	0	%100
68	M81	Z	-2.402	-2.402	0	%100
69	M82A	X	.00018	.00018	0	%100
70	M82A	Z	-.000312	-.000312	0	%100
71	M99A	X	1.355	1.355	0	%100
72	M99A	Z	-2.348	-2.348	0	%100
73	M100A	X	1.355	1.355	0	%100
74	M100A	Z	-2.348	-2.348	0	%100
75	M7	X	1.257	1.257	0	%100
76	M7	Z	-2.178	-2.178	0	%100
77	M86	X	1.257	1.257	0	%100
78	M86	Z	-2.178	-2.178	0	%100
79	M102A	X	0	0	0	%100
80	M102A	Z	0	0	0	%100
81	M36	X	1.795	1.795	0	%100
82	M36	Z	-3.109	-3.109	0	%100
83	M40	X	1.819	1.819	0	%100
84	M40	Z	-3.151	-3.151	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
85	M35	X	1.819	1.819	0	%100
86	M35	Z	-3.151	-3.151	0	%100
87	M39	X	8e-5	8e-5	0	%100
88	M39	Z	-.000139	-.000139	0	%100
89	M83A	X	1.819	1.819	0	%100
90	M83A	Z	-3.151	-3.151	0	%100
91	M84A	X	1.795	1.795	0	%100
92	M84A	Z	-3.109	-3.109	0	%100
93	M85A	X	8e-5	8e-5	0	%100
94	M85A	Z	-.000139	-.000139	0	%100
95	M86A	X	1.819	1.819	0	%100
96	M86A	Z	-3.151	-3.151	0	%100
97	M101A	X	8e-5	8e-5	0	%100
98	M101A	Z	-.000139	-.000139	0	%100
99	M102	X	8e-5	8e-5	0	%100
100	M102	Z	-.000139	-.000139	0	%100
101	M103	X	1.795	1.795	0	%100
102	M103	Z	-3.109	-3.109	0	%100
103	M104	X	1.795	1.795	0	%100
104	M104	Z	-3.109	-3.109	0	%100
105	M32	X	1.694	1.694	0	%100
106	M32	Z	-2.935	-2.935	0	%100
107	M110	X	1.694	1.694	0	%100
108	M110	Z	-2.935	-2.935	0	%100
109	M71	X	1.694	1.694	0	%100
110	M71	Z	-2.935	-2.935	0	%100
111	M72	X	1.694	1.694	0	%100
112	M72	Z	-2.935	-2.935	0	%100
113	M89A	X	0	0	0	%100
114	M89A	Z	0	0	0	%100
115	M90	X	0	0	0	%100
116	M90	Z	0	0	0	%100
117	M16	X	1.849	1.849	0	%100
118	M16	Z	-3.203	-3.203	0	%100
119	M87A	X	1.849	1.849	0	%100
120	M87A	Z	-3.203	-3.203	0	%100
121	M105	X	0	0	0	%100
122	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	2.332	2.332	0	%100
2	M31	Z	-1.346	-1.346	0	%100
3	M104B	X	0	0	0	%100
4	M104B	Z	0	0	0	%100
5	M105B	X	2.332	2.332	0	%100
6	M105B	Z	-1.346	-1.346	0	%100
7	M15	X	4.173	4.173	0	%100
8	M15	Z	-2.41	-2.41	0	%100
9	M17	X	1.043	1.043	0	%100
10	M17	Z	-.602	-.602	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
11	M79	X	1.043	1.043	0	%100
12	M79	Z	-.602	-.602	0	%100
13	M80	X	1.043	1.043	0	%100
14	M80	Z	-.602	-.602	0	%100
15	M97B	X	1.043	1.043	0	%100
16	M97B	Z	-.602	-.602	0	%100
17	M98B	X	4.173	4.173	0	%100
18	M98B	Z	-2.41	-2.41	0	%100
19	MP4A	X	2.617	2.617	0	%100
20	MP4A	Z	-1.511	-1.511	0	%100
21	MP3A	X	2.617	2.617	0	%100
22	MP3A	Z	-1.511	-1.511	0	%100
23	MP2A	X	2.617	2.617	0	%100
24	MP2A	Z	-1.511	-1.511	0	%100
25	MP1A	X	2.617	2.617	0	%100
26	MP1A	Z	-1.511	-1.511	0	%100
27	MP4C	X	2.617	2.617	0	%100
28	MP4C	Z	-1.511	-1.511	0	%100
29	MP3C	X	2.617	2.617	0	%100
30	MP3C	Z	-1.511	-1.511	0	%100
31	MP2C	X	2.617	2.617	0	%100
32	MP2C	Z	-1.511	-1.511	0	%100
33	MP1C	X	2.617	2.617	0	%100
34	MP1C	Z	-1.511	-1.511	0	%100
35	MP4B	X	2.617	2.617	0	%100
36	MP4B	Z	-1.511	-1.511	0	%100
37	MP3B	X	2.617	2.617	0	%100
38	MP3B	Z	-1.511	-1.511	0	%100
39	MP2B	X	2.617	2.617	0	%100
40	MP2B	Z	-1.511	-1.511	0	%100
41	MP1B	X	2.617	2.617	0	%100
42	MP1B	Z	-1.511	-1.511	0	%100
43	OVP	X	2.617	2.617	0	%100
44	OVP	Z	-1.511	-1.511	0	%100
45	M103A	X	.857	.857	0	%100
46	M103A	Z	-.495	-.495	0	%100
47	M104A	X	3.429	3.429	0	%100
48	M104A	Z	-1.98	-1.98	0	%100
49	M105A	X	.857	.857	0	%100
50	M105A	Z	-.495	-.495	0	%100
51	M61	X	.726	.726	0	%100
52	M61	Z	-.419	-.419	0	%100
53	M71A	X	2.904	2.904	0	%100
54	M71A	Z	-1.677	-1.677	0	%100
55	M87	X	.726	.726	0	%100
56	M87	Z	-.419	-.419	0	%100
57	M108	X	3.285	3.285	0	%100
58	M108	Z	-1.897	-1.897	0	%100
59	M109	X	1.105	1.105	0	%100
60	M109	Z	-.638	-.638	0	%100
61	M110A	X	3.285	3.285	0	%100
62	M110A	Z	-1.897	-1.897	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
63	M33	X	.765	.765	0	%100
64	M33	Z	-.441	-.441	0	%100
65	M34	X	3.166	3.166	0	%100
66	M34	Z	-1.828	-1.828	0	%100
67	M81	X	.819	.819	0	%100
68	M81	Z	-.473	-.473	0	%100
69	M82A	X	.819	.819	0	%100
70	M82A	Z	-.473	-.473	0	%100
71	M99A	X	3.166	3.166	0	%100
72	M99A	Z	-1.828	-1.828	0	%100
73	M100A	X	.765	.765	0	%100
74	M100A	Z	-.441	-.441	0	%100
75	M7	X	.726	.726	0	%100
76	M7	Z	-.419	-.419	0	%100
77	M86	X	2.904	2.904	0	%100
78	M86	Z	-1.677	-1.677	0	%100
79	M102A	X	.726	.726	0	%100
80	M102A	Z	-.419	-.419	0	%100
81	M36	X	1.023	1.023	0	%100
82	M36	Z	-.59	-.59	0	%100
83	M40	X	1.064	1.064	0	%100
84	M40	Z	-.614	-.614	0	%100
85	M35	X	4.173	4.173	0	%100
86	M35	Z	-2.409	-2.409	0	%100
87	M39	X	1.023	1.023	0	%100
88	M39	Z	-.59	-.59	0	%100
89	M83A	X	4.173	4.173	0	%100
90	M83A	Z	-2.409	-2.409	0	%100
91	M84A	X	4.173	4.173	0	%100
92	M84A	Z	-2.409	-2.409	0	%100
93	M85A	X	1.064	1.064	0	%100
94	M85A	Z	-.614	-.614	0	%100
95	M86A	X	1.064	1.064	0	%100
96	M86A	Z	-.614	-.614	0	%100
97	M101A	X	1.064	1.064	0	%100
98	M101A	Z	-.614	-.614	0	%100
99	M102	X	1.023	1.023	0	%100
100	M102	Z	-.59	-.59	0	%100
101	M103	X	1.023	1.023	0	%100
102	M103	Z	-.59	-.59	0	%100
103	M104	X	4.173	4.173	0	%100
104	M104	Z	-2.409	-2.409	0	%100
105	M32	X	.978	.978	0	%100
106	M32	Z	-.565	-.565	0	%100
107	M110	X	.978	.978	0	%100
108	M110	Z	-.565	-.565	0	%100
109	M71	X	3.913	3.913	0	%100
110	M71	Z	-2.259	-2.259	0	%100
111	M72	X	3.913	3.913	0	%100
112	M72	Z	-2.259	-2.259	0	%100
113	M89A	X	.978	.978	0	%100
114	M89A	Z	-.565	-.565	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	M90	X	.978	.978	0	%100
116	M90	Z	-.565	-.565	0	%100
117	M16	X	1.068	1.068	0	%100
118	M16	Z	-.616	-.616	0	%100
119	M87A	X	4.271	4.271	0	%100
120	M87A	Z	-2.466	-2.466	0	%100
121	M105	X	1.068	1.068	0	%100
122	M105	Z	-.616	-.616	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	3.59	3.59	0	%100
2	M31	Z	0	0	0	%100
3	M104B	X	.898	.898	0	%100
4	M104B	Z	0	0	0	%100
5	M105B	X	.898	.898	0	%100
6	M105B	Z	0	0	0	%100
7	M15	X	3.614	3.614	0	%100
8	M15	Z	0	0	0	%100
9	M17	X	3.614	3.614	0	%100
10	M17	Z	0	0	0	%100
11	M79	X	3.614	3.614	0	%100
12	M79	Z	0	0	0	%100
13	M80	X	0	0	0	%100
14	M80	Z	0	0	0	%100
15	M97B	X	0	0	0	%100
16	M97B	Z	0	0	0	%100
17	M98B	X	3.614	3.614	0	%100
18	M98B	Z	0	0	0	%100
19	MP4A	X	3.022	3.022	0	%100
20	MP4A	Z	0	0	0	%100
21	MP3A	X	3.022	3.022	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	3.022	3.022	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	3.022	3.022	0	%100
26	MP1A	Z	0	0	0	%100
27	MP4C	X	3.022	3.022	0	%100
28	MP4C	Z	0	0	0	%100
29	MP3C	X	3.022	3.022	0	%100
30	MP3C	Z	0	0	0	%100
31	MP2C	X	3.022	3.022	0	%100
32	MP2C	Z	0	0	0	%100
33	MP1C	X	3.022	3.022	0	%100
34	MP1C	Z	0	0	0	%100
35	MP4B	X	3.022	3.022	0	%100
36	MP4B	Z	0	0	0	%100
37	MP3B	X	3.022	3.022	0	%100
38	MP3B	Z	0	0	0	%100
39	MP2B	X	3.022	3.022	0	%100
40	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
41	MP1B	X	3.022	3.022	0	%100
42	MP1B	Z	0	0	0	%100
43	OVP	X	3.022	3.022	0	%100
44	OVP	Z	0	0	0	%100
45	M103A	X	0	0	0	%100
46	M103A	Z	0	0	0	%100
47	M104A	X	2.97	2.97	0	%100
48	M104A	Z	0	0	0	%100
49	M105A	X	2.97	2.97	0	%100
50	M105A	Z	0	0	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	M71A	X	2.515	2.515	0	%100
54	M71A	Z	0	0	0	%100
55	M87	X	2.515	2.515	0	%100
56	M87	Z	0	0	0	%100
57	M108	X	4.633	4.633	0	%100
58	M108	Z	0	0	0	%100
59	M109	X	2.115	2.115	0	%100
60	M109	Z	0	0	0	%100
61	M110A	X	2.115	2.115	0	%100
62	M110A	Z	0	0	0	%100
63	M33	X	2.711	2.711	0	%100
64	M33	Z	0	0	0	%100
65	M34	X	2.711	2.711	0	%100
66	M34	Z	0	0	0	%100
67	M81	X	.00036	.00036	0	%100
68	M81	Z	0	0	0	%100
69	M82A	X	2.774	2.774	0	%100
70	M82A	Z	0	0	0	%100
71	M99A	X	2.774	2.774	0	%100
72	M99A	Z	0	0	0	%100
73	M100A	X	.00036	.00036	0	%100
74	M100A	Z	0	0	0	%100
75	M7	X	0	0	0	%100
76	M7	Z	0	0	0	%100
77	M86	X	2.515	2.515	0	%100
78	M86	Z	0	0	0	%100
79	M102A	X	2.515	2.515	0	%100
80	M102A	Z	0	0	0	%100
81	M36	X	.00016	.00016	0	%100
82	M36	Z	0	0	0	%100
83	M40	X	.00016	.00016	0	%100
84	M40	Z	0	0	0	%100
85	M35	X	3.59	3.59	0	%100
86	M35	Z	0	0	0	%100
87	M39	X	3.59	3.59	0	%100
88	M39	Z	0	0	0	%100
89	M83A	X	3.59	3.59	0	%100
90	M83A	Z	0	0	0	%100
91	M84A	X	3.638	3.638	0	%100
92	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
93	M85A	X	3.638	3.638	0	%100
94	M85A	Z	0	0	0	%100
95	M86A	X	.00016	.00016	0	%100
96	M86A	Z	0	0	0	%100
97	M101A	X	3.638	3.638	0	%100
98	M101A	Z	0	0	0	%100
99	M102	X	3.59	3.59	0	%100
100	M102	Z	0	0	0	%100
101	M103	X	.00016	.00016	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	3.638	3.638	0	%100
104	M104	Z	0	0	0	%100
105	M32	X	0	0	0	%100
106	M32	Z	0	0	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M71	X	3.389	3.389	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	3.389	3.389	0	%100
112	M72	Z	0	0	0	%100
113	M89A	X	3.389	3.389	0	%100
114	M89A	Z	0	0	0	%100
115	M90	X	3.389	3.389	0	%100
116	M90	Z	0	0	0	%100
117	M16	X	0	0	0	%100
118	M16	Z	0	0	0	%100
119	M87A	X	3.698	3.698	0	%100
120	M87A	Z	0	0	0	%100
121	M105	X	3.698	3.698	0	%100
122	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	2.332	2.332	0	%100
2	M31	Z	1.346	1.346	0	%100
3	M104B	X	2.332	2.332	0	%100
4	M104B	Z	1.346	1.346	0	%100
5	M105B	X	0	0	0	%100
6	M105B	Z	0	0	0	%100
7	M15	X	1.043	1.043	0	%100
8	M15	Z	.602	.602	0	%100
9	M17	X	4.173	4.173	0	%100
10	M17	Z	2.41	2.41	0	%100
11	M79	X	4.173	4.173	0	%100
12	M79	Z	2.41	2.41	0	%100
13	M80	X	1.043	1.043	0	%100
14	M80	Z	.602	.602	0	%100
15	M97B	X	1.043	1.043	0	%100
16	M97B	Z	.602	.602	0	%100
17	M98B	X	1.043	1.043	0	%100
18	M98B	Z	.602	.602	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
19	MP4A	X	2.617	2.617	0	%100
20	MP4A	Z	1.511	1.511	0	%100
21	MP3A	X	2.617	2.617	0	%100
22	MP3A	Z	1.511	1.511	0	%100
23	MP2A	X	2.617	2.617	0	%100
24	MP2A	Z	1.511	1.511	0	%100
25	MP1A	X	2.617	2.617	0	%100
26	MP1A	Z	1.511	1.511	0	%100
27	MP4C	X	2.617	2.617	0	%100
28	MP4C	Z	1.511	1.511	0	%100
29	MP3C	X	2.617	2.617	0	%100
30	MP3C	Z	1.511	1.511	0	%100
31	MP2C	X	2.617	2.617	0	%100
32	MP2C	Z	1.511	1.511	0	%100
33	MP1C	X	2.617	2.617	0	%100
34	MP1C	Z	1.511	1.511	0	%100
35	MP4B	X	2.617	2.617	0	%100
36	MP4B	Z	1.511	1.511	0	%100
37	MP3B	X	2.617	2.617	0	%100
38	MP3B	Z	1.511	1.511	0	%100
39	MP2B	X	2.617	2.617	0	%100
40	MP2B	Z	1.511	1.511	0	%100
41	MP1B	X	2.617	2.617	0	%100
42	MP1B	Z	1.511	1.511	0	%100
43	OVP	X	2.617	2.617	0	%100
44	OVP	Z	1.511	1.511	0	%100
45	M103A	X	.857	.857	0	%100
46	M103A	Z	.495	.495	0	%100
47	M104A	X	.857	.857	0	%100
48	M104A	Z	.495	.495	0	%100
49	M105A	X	3.429	3.429	0	%100
50	M105A	Z	1.98	1.98	0	%100
51	M61	X	.726	.726	0	%100
52	M61	Z	.419	.419	0	%100
53	M71A	X	.726	.726	0	%100
54	M71A	Z	.419	.419	0	%100
55	M87	X	2.904	2.904	0	%100
56	M87	Z	1.677	1.677	0	%100
57	M108	X	3.285	3.285	0	%100
58	M108	Z	1.897	1.897	0	%100
59	M109	X	3.285	3.285	0	%100
60	M109	Z	1.897	1.897	0	%100
61	M110A	X	1.105	1.105	0	%100
62	M110A	Z	.638	.638	0	%100
63	M33	X	3.166	3.166	0	%100
64	M33	Z	1.828	1.828	0	%100
65	M34	X	.765	.765	0	%100
66	M34	Z	.441	.441	0	%100
67	M81	X	.765	.765	0	%100
68	M81	Z	.441	.441	0	%100
69	M82A	X	3.166	3.166	0	%100
70	M82A	Z	1.828	1.828	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
71	M99A	X	.819	.819	0	%100
72	M99A	Z	.473	.473	0	%100
73	M100A	X	.819	.819	0	%100
74	M100A	Z	.473	.473	0	%100
75	M7	X	.726	.726	0	%100
76	M7	Z	.419	.419	0	%100
77	M86	X	.726	.726	0	%100
78	M86	Z	.419	.419	0	%100
79	M102A	X	2.904	2.904	0	%100
80	M102A	Z	1.677	1.677	0	%100
81	M36	X	1.064	1.064	0	%100
82	M36	Z	.614	.614	0	%100
83	M40	X	1.023	1.023	0	%100
84	M40	Z	.59	.59	0	%100
85	M35	X	1.023	1.023	0	%100
86	M35	Z	.59	.59	0	%100
87	M39	X	4.173	4.173	0	%100
88	M39	Z	2.409	2.409	0	%100
89	M83A	X	1.023	1.023	0	%100
90	M83A	Z	.59	.59	0	%100
91	M84A	X	1.064	1.064	0	%100
92	M84A	Z	.614	.614	0	%100
93	M85A	X	4.173	4.173	0	%100
94	M85A	Z	2.409	2.409	0	%100
95	M86A	X	1.023	1.023	0	%100
96	M86A	Z	.59	.59	0	%100
97	M101A	X	4.173	4.173	0	%100
98	M101A	Z	2.409	2.409	0	%100
99	M102	X	4.173	4.173	0	%100
100	M102	Z	2.409	2.409	0	%100
101	M103	X	1.064	1.064	0	%100
102	M103	Z	.614	.614	0	%100
103	M104	X	1.064	1.064	0	%100
104	M104	Z	.614	.614	0	%100
105	M32	X	.978	.978	0	%100
106	M32	Z	.565	.565	0	%100
107	M110	X	.978	.978	0	%100
108	M110	Z	.565	.565	0	%100
109	M71	X	.978	.978	0	%100
110	M71	Z	.565	.565	0	%100
111	M72	X	.978	.978	0	%100
112	M72	Z	.565	.565	0	%100
113	M89A	X	3.913	3.913	0	%100
114	M89A	Z	2.259	2.259	0	%100
115	M90	X	3.913	3.913	0	%100
116	M90	Z	2.259	2.259	0	%100
117	M16	X	1.068	1.068	0	%100
118	M16	Z	.616	.616	0	%100
119	M87A	X	1.068	1.068	0	%100
120	M87A	Z	.616	.616	0	%100
121	M105	X	4.271	4.271	0	%100
122	M105	Z	2.466	2.466	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	.449	.449	0	%100
2	M31	Z	.777	.777	0	%100
3	M104B	X	1.795	1.795	0	%100
4	M104B	Z	3.109	3.109	0	%100
5	M105B	X	.449	.449	0	%100
6	M105B	Z	.777	.777	0	%100
7	M15	X	0	0	0	%100
8	M15	Z	0	0	0	%100
9	M17	X	1.807	1.807	0	%100
10	M17	Z	3.13	3.13	0	%100
11	M79	X	1.807	1.807	0	%100
12	M79	Z	3.13	3.13	0	%100
13	M80	X	1.807	1.807	0	%100
14	M80	Z	3.13	3.13	0	%100
15	M97B	X	1.807	1.807	0	%100
16	M97B	Z	3.13	3.13	0	%100
17	M98B	X	0	0	0	%100
18	M98B	Z	0	0	0	%100
19	MP4A	X	1.511	1.511	0	%100
20	MP4A	Z	2.617	2.617	0	%100
21	MP3A	X	1.511	1.511	0	%100
22	MP3A	Z	2.617	2.617	0	%100
23	MP2A	X	1.511	1.511	0	%100
24	MP2A	Z	2.617	2.617	0	%100
25	MP1A	X	1.511	1.511	0	%100
26	MP1A	Z	2.617	2.617	0	%100
27	MP4C	X	1.511	1.511	0	%100
28	MP4C	Z	2.617	2.617	0	%100
29	MP3C	X	1.511	1.511	0	%100
30	MP3C	Z	2.617	2.617	0	%100
31	MP2C	X	1.511	1.511	0	%100
32	MP2C	Z	2.617	2.617	0	%100
33	MP1C	X	1.511	1.511	0	%100
34	MP1C	Z	2.617	2.617	0	%100
35	MP4B	X	1.511	1.511	0	%100
36	MP4B	Z	2.617	2.617	0	%100
37	MP3B	X	1.511	1.511	0	%100
38	MP3B	Z	2.617	2.617	0	%100
39	MP2B	X	1.511	1.511	0	%100
40	MP2B	Z	2.617	2.617	0	%100
41	MP1B	X	1.511	1.511	0	%100
42	MP1B	Z	2.617	2.617	0	%100
43	OVP	X	1.511	1.511	0	%100
44	OVP	Z	2.617	2.617	0	%100
45	M103A	X	1.485	1.485	0	%100
46	M103A	Z	2.572	2.572	0	%100
47	M104A	X	0	0	0	%100
48	M104A	Z	0	0	0	%100
49	M105A	X	1.485	1.485	0	%100
50	M105A	Z	2.572	2.572	0	%100
51	M61	X	1.257	1.257	0	%100
52	M61	Z	2.178	2.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
53	M71A	X	0	0	0	%100
54	M71A	Z	0	0	0	%100
55	M87	X	1.257	1.257	0	%100
56	M87	Z	2.178	2.178	0	%100
57	M108	X	1.058	1.058	0	%100
58	M108	Z	1.832	1.832	0	%100
59	M109	X	2.316	2.316	0	%100
60	M109	Z	4.012	4.012	0	%100
61	M110A	X	1.058	1.058	0	%100
62	M110A	Z	1.832	1.832	0	%100
63	M33	X	1.387	1.387	0	%100
64	M33	Z	2.402	2.402	0	%100
65	M34	X	.00018	.00018	0	%100
66	M34	Z	.000312	.000312	0	%100
67	M81	X	1.355	1.355	0	%100
68	M81	Z	2.348	2.348	0	%100
69	M82A	X	1.355	1.355	0	%100
70	M82A	Z	2.348	2.348	0	%100
71	M99A	X	.00018	.00018	0	%100
72	M99A	Z	.000312	.000312	0	%100
73	M100A	X	1.387	1.387	0	%100
74	M100A	Z	2.402	2.402	0	%100
75	M7	X	1.257	1.257	0	%100
76	M7	Z	2.178	2.178	0	%100
77	M86	X	0	0	0	%100
78	M86	Z	0	0	0	%100
79	M102A	X	1.257	1.257	0	%100
80	M102A	Z	2.178	2.178	0	%100
81	M36	X	1.819	1.819	0	%100
82	M36	Z	3.151	3.151	0	%100
83	M40	X	1.795	1.795	0	%100
84	M40	Z	3.109	3.109	0	%100
85	M35	X	8e-5	8e-5	0	%100
86	M35	Z	.000139	.000139	0	%100
87	M39	X	1.819	1.819	0	%100
88	M39	Z	3.151	3.151	0	%100
89	M83A	X	8e-5	8e-5	0	%100
90	M83A	Z	.000139	.000139	0	%100
91	M84A	X	8e-5	8e-5	0	%100
92	M84A	Z	.000139	.000139	0	%100
93	M85A	X	1.795	1.795	0	%100
94	M85A	Z	3.109	3.109	0	%100
95	M86A	X	1.795	1.795	0	%100
96	M86A	Z	3.109	3.109	0	%100
97	M101A	X	1.795	1.795	0	%100
98	M101A	Z	3.109	3.109	0	%100
99	M102	X	1.819	1.819	0	%100
100	M102	Z	3.151	3.151	0	%100
101	M103	X	1.819	1.819	0	%100
102	M103	Z	3.151	3.151	0	%100
103	M104	X	8e-5	8e-5	0	%100
104	M104	Z	.000139	.000139	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
105	M32	X	1.694	1.694	0	%100
106	M32	Z	2.935	2.935	0	%100
107	M110	X	1.694	1.694	0	%100
108	M110	Z	2.935	2.935	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	0	0	0	%100
113	M89A	X	1.694	1.694	0	%100
114	M89A	Z	2.935	2.935	0	%100
115	M90	X	1.694	1.694	0	%100
116	M90	Z	2.935	2.935	0	%100
117	M16	X	1.849	1.849	0	%100
118	M16	Z	3.203	3.203	0	%100
119	M87A	X	0	0	0	%100
120	M87A	Z	0	0	0	%100
121	M105	X	1.849	1.849	0	%100
122	M105	Z	3.203	3.203	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	0	0	0	%100
2	M31	Z	0	0	0	%100
3	M104B	X	0	0	0	%100
4	M104B	Z	2.693	2.693	0	%100
5	M105B	X	0	0	0	%100
6	M105B	Z	2.693	2.693	0	%100
7	M15	X	0	0	0	%100
8	M15	Z	1.205	1.205	0	%100
9	M17	X	0	0	0	%100
10	M17	Z	1.205	1.205	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	1.205	1.205	0	%100
13	M80	X	0	0	0	%100
14	M80	Z	4.819	4.819	0	%100
15	M97B	X	0	0	0	%100
16	M97B	Z	4.819	4.819	0	%100
17	M98B	X	0	0	0	%100
18	M98B	Z	1.205	1.205	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	3.022	3.022	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	3.022	3.022	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	3.022	3.022	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	3.022	3.022	0	%100
27	MP4C	X	0	0	0	%100
28	MP4C	Z	3.022	3.022	0	%100
29	MP3C	X	0	0	0	%100
30	MP3C	Z	3.022	3.022	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
31	MP2C	X	0	0	0	%100
32	MP2C	Z	3.022	3.022	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	3.022	3.022	0	%100
35	MP4B	X	0	0	0	%100
36	MP4B	Z	3.022	3.022	0	%100
37	MP3B	X	0	0	0	%100
38	MP3B	Z	3.022	3.022	0	%100
39	MP2B	X	0	0	0	%100
40	MP2B	Z	3.022	3.022	0	%100
41	MP1B	X	0	0	0	%100
42	MP1B	Z	3.022	3.022	0	%100
43	OVP	X	0	0	0	%100
44	OVP	Z	3.022	3.022	0	%100
45	M103A	X	0	0	0	%100
46	M103A	Z	3.96	3.96	0	%100
47	M104A	X	0	0	0	%100
48	M104A	Z	.99	.99	0	%100
49	M105A	X	0	0	0	%100
50	M105A	Z	.99	.99	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	3.353	3.353	0	%100
53	M71A	X	0	0	0	%100
54	M71A	Z	.838	.838	0	%100
55	M87	X	0	0	0	%100
56	M87	Z	.838	.838	0	%100
57	M108	X	0	0	0	%100
58	M108	Z	1.276	1.276	0	%100
59	M109	X	0	0	0	%100
60	M109	Z	3.793	3.793	0	%100
61	M110A	X	0	0	0	%100
62	M110A	Z	3.793	3.793	0	%100
63	M33	X	0	0	0	%100
64	M33	Z	.946	.946	0	%100
65	M34	X	0	0	0	%100
66	M34	Z	.946	.946	0	%100
67	M81	X	0	0	0	%100
68	M81	Z	3.656	3.656	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	.883	.883	0	%100
71	M99A	X	0	0	0	%100
72	M99A	Z	.883	.883	0	%100
73	M100A	X	0	0	0	%100
74	M100A	Z	3.656	3.656	0	%100
75	M7	X	0	0	0	%100
76	M7	Z	3.353	3.353	0	%100
77	M86	X	0	0	0	%100
78	M86	Z	.838	.838	0	%100
79	M102A	X	0	0	0	%100
80	M102A	Z	.838	.838	0	%100
81	M36	X	0	0	0	%100
82	M36	Z	4.819	4.819	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
83	M40	X	0	0	0	%100
84	M40	Z	4.819	4.819	0	%100
85	M35	X	0	0	0	%100
86	M35	Z	1.229	1.229	0	%100
87	M39	X	0	0	0	%100
88	M39	Z	1.229	1.229	0	%100
89	M83A	X	0	0	0	%100
90	M83A	Z	1.229	1.229	0	%100
91	M84A	X	0	0	0	%100
92	M84A	Z	1.181	1.181	0	%100
93	M85A	X	0	0	0	%100
94	M85A	Z	1.181	1.181	0	%100
95	M86A	X	0	0	0	%100
96	M86A	Z	4.819	4.819	0	%100
97	M101A	X	0	0	0	%100
98	M101A	Z	1.181	1.181	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	1.229	1.229	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	4.819	4.819	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	1.181	1.181	0	%100
105	M32	X	0	0	0	%100
106	M32	Z	4.518	4.518	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	4.518	4.518	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	1.13	1.13	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	1.13	1.13	0	%100
113	M89A	X	0	0	0	%100
114	M89A	Z	1.13	1.13	0	%100
115	M90	X	0	0	0	%100
116	M90	Z	1.13	1.13	0	%100
117	M16	X	0	0	0	%100
118	M16	Z	4.931	4.931	0	%100
119	M87A	X	0	0	0	%100
120	M87A	Z	1.233	1.233	0	%100
121	M105	X	0	0	0	%100
122	M105	Z	1.233	1.233	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-.449	-.449	0	%100
2	M31	Z	.777	.777	0	%100
3	M104B	X	-.449	-.449	0	%100
4	M104B	Z	.777	.777	0	%100
5	M105B	X	-1.795	-1.795	0	%100
6	M105B	Z	3.109	3.109	0	%100
7	M15	X	-1.807	-1.807	0	%100
8	M15	Z	3.13	3.13	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
9	M17	X	0	0	0	%100
10	M17	Z	0	0	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	0	0	0	%100
13	M80	X	-1.807	-1.807	0	%100
14	M80	Z	3.13	3.13	0	%100
15	M97B	X	-1.807	-1.807	0	%100
16	M97B	Z	3.13	3.13	0	%100
17	M98B	X	-1.807	-1.807	0	%100
18	M98B	Z	3.13	3.13	0	%100
19	MP4A	X	-1.511	-1.511	0	%100
20	MP4A	Z	2.617	2.617	0	%100
21	MP3A	X	-1.511	-1.511	0	%100
22	MP3A	Z	2.617	2.617	0	%100
23	MP2A	X	-1.511	-1.511	0	%100
24	MP2A	Z	2.617	2.617	0	%100
25	MP1A	X	-1.511	-1.511	0	%100
26	MP1A	Z	2.617	2.617	0	%100
27	MP4C	X	-1.511	-1.511	0	%100
28	MP4C	Z	2.617	2.617	0	%100
29	MP3C	X	-1.511	-1.511	0	%100
30	MP3C	Z	2.617	2.617	0	%100
31	MP2C	X	-1.511	-1.511	0	%100
32	MP2C	Z	2.617	2.617	0	%100
33	MP1C	X	-1.511	-1.511	0	%100
34	MP1C	Z	2.617	2.617	0	%100
35	MP4B	X	-1.511	-1.511	0	%100
36	MP4B	Z	2.617	2.617	0	%100
37	MP3B	X	-1.511	-1.511	0	%100
38	MP3B	Z	2.617	2.617	0	%100
39	MP2B	X	-1.511	-1.511	0	%100
40	MP2B	Z	2.617	2.617	0	%100
41	MP1B	X	-1.511	-1.511	0	%100
42	MP1B	Z	2.617	2.617	0	%100
43	OVP	X	-1.511	-1.511	0	%100
44	OVP	Z	2.617	2.617	0	%100
45	M103A	X	-1.485	-1.485	0	%100
46	M103A	Z	2.572	2.572	0	%100
47	M104A	X	-1.485	-1.485	0	%100
48	M104A	Z	2.572	2.572	0	%100
49	M105A	X	0	0	0	%100
50	M105A	Z	0	0	0	%100
51	M61	X	-1.257	-1.257	0	%100
52	M61	Z	2.178	2.178	0	%100
53	M71A	X	-1.257	-1.257	0	%100
54	M71A	Z	2.178	2.178	0	%100
55	M87	X	0	0	0	%100
56	M87	Z	0	0	0	%100
57	M108	X	-1.058	-1.058	0	%100
58	M108	Z	1.832	1.832	0	%100
59	M109	X	-1.058	-1.058	0	%100
60	M109	Z	1.832	1.832	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
61	M110A	X	-2.316	-2.316	0	%100
62	M110A	Z	4.012	4.012	0	%100
63	M33	X	-.00018	-.00018	0	%100
64	M33	Z	.000312	.000312	0	%100
65	M34	X	-1.387	-1.387	0	%100
66	M34	Z	2.402	2.402	0	%100
67	M81	X	-1.387	-1.387	0	%100
68	M81	Z	2.402	2.402	0	%100
69	M82A	X	-.00018	-.00018	0	%100
70	M82A	Z	.000312	.000312	0	%100
71	M99A	X	-1.355	-1.355	0	%100
72	M99A	Z	2.348	2.348	0	%100
73	M100A	X	-1.355	-1.355	0	%100
74	M100A	Z	2.348	2.348	0	%100
75	M7	X	-1.257	-1.257	0	%100
76	M7	Z	2.178	2.178	0	%100
77	M86	X	-1.257	-1.257	0	%100
78	M86	Z	2.178	2.178	0	%100
79	M102A	X	0	0	0	%100
80	M102A	Z	0	0	0	%100
81	M36	X	-1.795	-1.795	0	%100
82	M36	Z	3.109	3.109	0	%100
83	M40	X	-1.819	-1.819	0	%100
84	M40	Z	3.151	3.151	0	%100
85	M35	X	-1.819	-1.819	0	%100
86	M35	Z	3.151	3.151	0	%100
87	M39	X	-8e-5	-8e-5	0	%100
88	M39	Z	.000139	.000139	0	%100
89	M83A	X	-1.819	-1.819	0	%100
90	M83A	Z	3.151	3.151	0	%100
91	M84A	X	-1.795	-1.795	0	%100
92	M84A	Z	3.109	3.109	0	%100
93	M85A	X	-8e-5	-8e-5	0	%100
94	M85A	Z	.000139	.000139	0	%100
95	M86A	X	-1.819	-1.819	0	%100
96	M86A	Z	3.151	3.151	0	%100
97	M101A	X	-8e-5	-8e-5	0	%100
98	M101A	Z	.000139	.000139	0	%100
99	M102	X	-8e-5	-8e-5	0	%100
100	M102	Z	.000139	.000139	0	%100
101	M103	X	-1.795	-1.795	0	%100
102	M103	Z	3.109	3.109	0	%100
103	M104	X	-1.795	-1.795	0	%100
104	M104	Z	3.109	3.109	0	%100
105	M32	X	-1.694	-1.694	0	%100
106	M32	Z	2.935	2.935	0	%100
107	M110	X	-1.694	-1.694	0	%100
108	M110	Z	2.935	2.935	0	%100
109	M71	X	-1.694	-1.694	0	%100
110	M71	Z	2.935	2.935	0	%100
111	M72	X	-1.694	-1.694	0	%100
112	M72	Z	2.935	2.935	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
113	M89A	X	0	0	0	%100
114	M89A	Z	0	0	0	%100
115	M90	X	0	0	0	%100
116	M90	Z	0	0	0	%100
117	M16	X	-1.849	-1.849	0	%100
118	M16	Z	3.203	3.203	0	%100
119	M87A	X	-1.849	-1.849	0	%100
120	M87A	Z	3.203	3.203	0	%100
121	M105	X	0	0	0	%100
122	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-2.332	-2.332	0	%100
2	M31	Z	1.346	1.346	0	%100
3	M104B	X	0	0	0	%100
4	M104B	Z	0	0	0	%100
5	M105B	X	-2.332	-2.332	0	%100
6	M105B	Z	1.346	1.346	0	%100
7	M15	X	-4.173	-4.173	0	%100
8	M15	Z	2.41	2.41	0	%100
9	M17	X	-1.043	-1.043	0	%100
10	M17	Z	.602	.602	0	%100
11	M79	X	-1.043	-1.043	0	%100
12	M79	Z	.602	.602	0	%100
13	M80	X	-1.043	-1.043	0	%100
14	M80	Z	.602	.602	0	%100
15	M97B	X	-1.043	-1.043	0	%100
16	M97B	Z	.602	.602	0	%100
17	M98B	X	-4.173	-4.173	0	%100
18	M98B	Z	2.41	2.41	0	%100
19	MP4A	X	-2.617	-2.617	0	%100
20	MP4A	Z	1.511	1.511	0	%100
21	MP3A	X	-2.617	-2.617	0	%100
22	MP3A	Z	1.511	1.511	0	%100
23	MP2A	X	-2.617	-2.617	0	%100
24	MP2A	Z	1.511	1.511	0	%100
25	MP1A	X	-2.617	-2.617	0	%100
26	MP1A	Z	1.511	1.511	0	%100
27	MP4C	X	-2.617	-2.617	0	%100
28	MP4C	Z	1.511	1.511	0	%100
29	MP3C	X	-2.617	-2.617	0	%100
30	MP3C	Z	1.511	1.511	0	%100
31	MP2C	X	-2.617	-2.617	0	%100
32	MP2C	Z	1.511	1.511	0	%100
33	MP1C	X	-2.617	-2.617	0	%100
34	MP1C	Z	1.511	1.511	0	%100
35	MP4B	X	-2.617	-2.617	0	%100
36	MP4B	Z	1.511	1.511	0	%100
37	MP3B	X	-2.617	-2.617	0	%100
38	MP3B	Z	1.511	1.511	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
39	MP2B	X	-2.617	-2.617	0	%100
40	MP2B	Z	1.511	1.511	0	%100
41	MP1B	X	-2.617	-2.617	0	%100
42	MP1B	Z	1.511	1.511	0	%100
43	OVP	X	-2.617	-2.617	0	%100
44	OVP	Z	1.511	1.511	0	%100
45	M103A	X	-.857	-.857	0	%100
46	M103A	Z	.495	.495	0	%100
47	M104A	X	-3.429	-3.429	0	%100
48	M104A	Z	1.98	1.98	0	%100
49	M105A	X	-.857	-.857	0	%100
50	M105A	Z	.495	.495	0	%100
51	M61	X	-.726	-.726	0	%100
52	M61	Z	.419	.419	0	%100
53	M71A	X	-2.904	-2.904	0	%100
54	M71A	Z	1.677	1.677	0	%100
55	M87	X	-.726	-.726	0	%100
56	M87	Z	.419	.419	0	%100
57	M108	X	-3.285	-3.285	0	%100
58	M108	Z	1.897	1.897	0	%100
59	M109	X	-1.105	-1.105	0	%100
60	M109	Z	.638	.638	0	%100
61	M110A	X	-3.285	-3.285	0	%100
62	M110A	Z	1.897	1.897	0	%100
63	M33	X	-.765	-.765	0	%100
64	M33	Z	.441	.441	0	%100
65	M34	X	-3.166	-3.166	0	%100
66	M34	Z	1.828	1.828	0	%100
67	M81	X	-.819	-.819	0	%100
68	M81	Z	.473	.473	0	%100
69	M82A	X	-.819	-.819	0	%100
70	M82A	Z	.473	.473	0	%100
71	M99A	X	-3.166	-3.166	0	%100
72	M99A	Z	1.828	1.828	0	%100
73	M100A	X	-.765	-.765	0	%100
74	M100A	Z	.441	.441	0	%100
75	M7	X	-.726	-.726	0	%100
76	M7	Z	.419	.419	0	%100
77	M86	X	-2.904	-2.904	0	%100
78	M86	Z	1.677	1.677	0	%100
79	M102A	X	-.726	-.726	0	%100
80	M102A	Z	.419	.419	0	%100
81	M36	X	-1.023	-1.023	0	%100
82	M36	Z	.59	.59	0	%100
83	M40	X	-1.064	-1.064	0	%100
84	M40	Z	.614	.614	0	%100
85	M35	X	-4.173	-4.173	0	%100
86	M35	Z	2.409	2.409	0	%100
87	M39	X	-1.023	-1.023	0	%100
88	M39	Z	.59	.59	0	%100
89	M83A	X	-4.173	-4.173	0	%100
90	M83A	Z	2.409	2.409	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
91	M84A	X	-4.173	-4.173	0	%100
92	M84A	Z	2.409	2.409	0	%100
93	M85A	X	-1.064	-1.064	0	%100
94	M85A	Z	.614	.614	0	%100
95	M86A	X	-1.064	-1.064	0	%100
96	M86A	Z	.614	.614	0	%100
97	M101A	X	-1.064	-1.064	0	%100
98	M101A	Z	.614	.614	0	%100
99	M102	X	-1.023	-1.023	0	%100
100	M102	Z	.59	.59	0	%100
101	M103	X	-1.023	-1.023	0	%100
102	M103	Z	.59	.59	0	%100
103	M104	X	-4.173	-4.173	0	%100
104	M104	Z	2.409	2.409	0	%100
105	M32	X	-.978	-.978	0	%100
106	M32	Z	.565	.565	0	%100
107	M110	X	-.978	-.978	0	%100
108	M110	Z	.565	.565	0	%100
109	M71	X	-3.913	-3.913	0	%100
110	M71	Z	2.259	2.259	0	%100
111	M72	X	-3.913	-3.913	0	%100
112	M72	Z	2.259	2.259	0	%100
113	M89A	X	-.978	-.978	0	%100
114	M89A	Z	.565	.565	0	%100
115	M90	X	-.978	-.978	0	%100
116	M90	Z	.565	.565	0	%100
117	M16	X	-1.068	-1.068	0	%100
118	M16	Z	.616	.616	0	%100
119	M87A	X	-4.271	-4.271	0	%100
120	M87A	Z	2.466	2.466	0	%100
121	M105	X	-1.068	-1.068	0	%100
122	M105	Z	.616	.616	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-3.59	-3.59	0	%100
2	M31	Z	0	0	0	%100
3	M104B	X	-.898	-.898	0	%100
4	M104B	Z	0	0	0	%100
5	M105B	X	-.898	-.898	0	%100
6	M105B	Z	0	0	0	%100
7	M15	X	-3.614	-3.614	0	%100
8	M15	Z	0	0	0	%100
9	M17	X	-3.614	-3.614	0	%100
10	M17	Z	0	0	0	%100
11	M79	X	-3.614	-3.614	0	%100
12	M79	Z	0	0	0	%100
13	M80	X	0	0	0	%100
14	M80	Z	0	0	0	%100
15	M97B	X	0	0	0	%100
16	M97B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
17	M98B	X	-3.614	-3.614	0	%100
18	M98B	Z	0	0	0	%100
19	MP4A	X	-3.022	-3.022	0	%100
20	MP4A	Z	0	0	0	%100
21	MP3A	X	-3.022	-3.022	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	-3.022	-3.022	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	-3.022	-3.022	0	%100
26	MP1A	Z	0	0	0	%100
27	MP4C	X	-3.022	-3.022	0	%100
28	MP4C	Z	0	0	0	%100
29	MP3C	X	-3.022	-3.022	0	%100
30	MP3C	Z	0	0	0	%100
31	MP2C	X	-3.022	-3.022	0	%100
32	MP2C	Z	0	0	0	%100
33	MP1C	X	-3.022	-3.022	0	%100
34	MP1C	Z	0	0	0	%100
35	MP4B	X	-3.022	-3.022	0	%100
36	MP4B	Z	0	0	0	%100
37	MP3B	X	-3.022	-3.022	0	%100
38	MP3B	Z	0	0	0	%100
39	MP2B	X	-3.022	-3.022	0	%100
40	MP2B	Z	0	0	0	%100
41	MP1B	X	-3.022	-3.022	0	%100
42	MP1B	Z	0	0	0	%100
43	OVP	X	-3.022	-3.022	0	%100
44	OVP	Z	0	0	0	%100
45	M103A	X	0	0	0	%100
46	M103A	Z	0	0	0	%100
47	M104A	X	-2.97	-2.97	0	%100
48	M104A	Z	0	0	0	%100
49	M105A	X	-2.97	-2.97	0	%100
50	M105A	Z	0	0	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	M71A	X	-2.515	-2.515	0	%100
54	M71A	Z	0	0	0	%100
55	M87	X	-2.515	-2.515	0	%100
56	M87	Z	0	0	0	%100
57	M108	X	-4.633	-4.633	0	%100
58	M108	Z	0	0	0	%100
59	M109	X	-2.115	-2.115	0	%100
60	M109	Z	0	0	0	%100
61	M110A	X	-2.115	-2.115	0	%100
62	M110A	Z	0	0	0	%100
63	M33	X	-2.711	-2.711	0	%100
64	M33	Z	0	0	0	%100
65	M34	X	-2.711	-2.711	0	%100
66	M34	Z	0	0	0	%100
67	M81	X	-.00036	-.00036	0	%100
68	M81	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
69	M82A	X	-2.774	-2.774	0	%100
70	M82A	Z	0	0	0	%100
71	M99A	X	-2.774	-2.774	0	%100
72	M99A	Z	0	0	0	%100
73	M100A	X	-.00036	-.00036	0	%100
74	M100A	Z	0	0	0	%100
75	M7	X	0	0	0	%100
76	M7	Z	0	0	0	%100
77	M86	X	-2.515	-2.515	0	%100
78	M86	Z	0	0	0	%100
79	M102A	X	-2.515	-2.515	0	%100
80	M102A	Z	0	0	0	%100
81	M36	X	-.00016	-.00016	0	%100
82	M36	Z	0	0	0	%100
83	M40	X	-.00016	-.00016	0	%100
84	M40	Z	0	0	0	%100
85	M35	X	-3.59	-3.59	0	%100
86	M35	Z	0	0	0	%100
87	M39	X	-3.59	-3.59	0	%100
88	M39	Z	0	0	0	%100
89	M83A	X	-3.59	-3.59	0	%100
90	M83A	Z	0	0	0	%100
91	M84A	X	-3.638	-3.638	0	%100
92	M84A	Z	0	0	0	%100
93	M85A	X	-3.638	-3.638	0	%100
94	M85A	Z	0	0	0	%100
95	M86A	X	-.00016	-.00016	0	%100
96	M86A	Z	0	0	0	%100
97	M101A	X	-3.638	-3.638	0	%100
98	M101A	Z	0	0	0	%100
99	M102	X	-3.59	-3.59	0	%100
100	M102	Z	0	0	0	%100
101	M103	X	-.00016	-.00016	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	-3.638	-3.638	0	%100
104	M104	Z	0	0	0	%100
105	M32	X	0	0	0	%100
106	M32	Z	0	0	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M71	X	-3.389	-3.389	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	-3.389	-3.389	0	%100
112	M72	Z	0	0	0	%100
113	M89A	X	-3.389	-3.389	0	%100
114	M89A	Z	0	0	0	%100
115	M90	X	-3.389	-3.389	0	%100
116	M90	Z	0	0	0	%100
117	M16	X	0	0	0	%100
118	M16	Z	0	0	0	%100
119	M87A	X	-3.698	-3.698	0	%100
120	M87A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
121	M105	X	-3.698	-3.698	0	%100
122	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-2.332	-2.332	0	%100
2	M31	Z	-1.346	-1.346	0	%100
3	M104B	X	-2.332	-2.332	0	%100
4	M104B	Z	-1.346	-1.346	0	%100
5	M105B	X	0	0	0	%100
6	M105B	Z	0	0	0	%100
7	M15	X	-1.043	-1.043	0	%100
8	M15	Z	-.602	-.602	0	%100
9	M17	X	-4.173	-4.173	0	%100
10	M17	Z	-2.41	-2.41	0	%100
11	M79	X	-4.173	-4.173	0	%100
12	M79	Z	-2.41	-2.41	0	%100
13	M80	X	-1.043	-1.043	0	%100
14	M80	Z	-.602	-.602	0	%100
15	M97B	X	-1.043	-1.043	0	%100
16	M97B	Z	-.602	-.602	0	%100
17	M98B	X	-1.043	-1.043	0	%100
18	M98B	Z	-.602	-.602	0	%100
19	MP4A	X	-2.617	-2.617	0	%100
20	MP4A	Z	-1.511	-1.511	0	%100
21	MP3A	X	-2.617	-2.617	0	%100
22	MP3A	Z	-1.511	-1.511	0	%100
23	MP2A	X	-2.617	-2.617	0	%100
24	MP2A	Z	-1.511	-1.511	0	%100
25	MP1A	X	-2.617	-2.617	0	%100
26	MP1A	Z	-1.511	-1.511	0	%100
27	MP4C	X	-2.617	-2.617	0	%100
28	MP4C	Z	-1.511	-1.511	0	%100
29	MP3C	X	-2.617	-2.617	0	%100
30	MP3C	Z	-1.511	-1.511	0	%100
31	MP2C	X	-2.617	-2.617	0	%100
32	MP2C	Z	-1.511	-1.511	0	%100
33	MP1C	X	-2.617	-2.617	0	%100
34	MP1C	Z	-1.511	-1.511	0	%100
35	MP4B	X	-2.617	-2.617	0	%100
36	MP4B	Z	-1.511	-1.511	0	%100
37	MP3B	X	-2.617	-2.617	0	%100
38	MP3B	Z	-1.511	-1.511	0	%100
39	MP2B	X	-2.617	-2.617	0	%100
40	MP2B	Z	-1.511	-1.511	0	%100
41	MP1B	X	-2.617	-2.617	0	%100
42	MP1B	Z	-1.511	-1.511	0	%100
43	OVP	X	-2.617	-2.617	0	%100
44	OVP	Z	-1.511	-1.511	0	%100
45	M103A	X	-.857	-.857	0	%100
46	M103A	Z	-.495	-.495	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
47	M104A	X	-.857	-.857	0	%100
48	M104A	Z	-.495	-.495	0	%100
49	M105A	X	-3.429	-3.429	0	%100
50	M105A	Z	-1.98	-1.98	0	%100
51	M61	X	-.726	-.726	0	%100
52	M61	Z	-.419	-.419	0	%100
53	M71A	X	-.726	-.726	0	%100
54	M71A	Z	-.419	-.419	0	%100
55	M87	X	-2.904	-2.904	0	%100
56	M87	Z	-1.677	-1.677	0	%100
57	M108	X	-3.285	-3.285	0	%100
58	M108	Z	-1.897	-1.897	0	%100
59	M109	X	-3.285	-3.285	0	%100
60	M109	Z	-1.897	-1.897	0	%100
61	M110A	X	-1.105	-1.105	0	%100
62	M110A	Z	-.638	-.638	0	%100
63	M33	X	-3.166	-3.166	0	%100
64	M33	Z	-1.828	-1.828	0	%100
65	M34	X	-.765	-.765	0	%100
66	M34	Z	-.441	-.441	0	%100
67	M81	X	-.765	-.765	0	%100
68	M81	Z	-.441	-.441	0	%100
69	M82A	X	-3.166	-3.166	0	%100
70	M82A	Z	-1.828	-1.828	0	%100
71	M99A	X	-.819	-.819	0	%100
72	M99A	Z	-.473	-.473	0	%100
73	M100A	X	-.819	-.819	0	%100
74	M100A	Z	-.473	-.473	0	%100
75	M7	X	-.726	-.726	0	%100
76	M7	Z	-.419	-.419	0	%100
77	M86	X	-.726	-.726	0	%100
78	M86	Z	-.419	-.419	0	%100
79	M102A	X	-2.904	-2.904	0	%100
80	M102A	Z	-1.677	-1.677	0	%100
81	M36	X	-1.064	-1.064	0	%100
82	M36	Z	-.614	-.614	0	%100
83	M40	X	-1.023	-1.023	0	%100
84	M40	Z	-.59	-.59	0	%100
85	M35	X	-1.023	-1.023	0	%100
86	M35	Z	-.59	-.59	0	%100
87	M39	X	-4.173	-4.173	0	%100
88	M39	Z	-2.409	-2.409	0	%100
89	M83A	X	-1.023	-1.023	0	%100
90	M83A	Z	-.59	-.59	0	%100
91	M84A	X	-1.064	-1.064	0	%100
92	M84A	Z	-.614	-.614	0	%100
93	M85A	X	-4.173	-4.173	0	%100
94	M85A	Z	-2.409	-2.409	0	%100
95	M86A	X	-1.023	-1.023	0	%100
96	M86A	Z	-.59	-.59	0	%100
97	M101A	X	-4.173	-4.173	0	%100
98	M101A	Z	-2.409	-2.409	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
99	M102	X	-4.173	-4.173	0	%100
100	M102	Z	-2.409	-2.409	0	%100
101	M103	X	-1.064	-1.064	0	%100
102	M103	Z	-.614	-.614	0	%100
103	M104	X	-1.064	-1.064	0	%100
104	M104	Z	-.614	-.614	0	%100
105	M32	X	-.978	-.978	0	%100
106	M32	Z	-.565	-.565	0	%100
107	M110	X	-.978	-.978	0	%100
108	M110	Z	-.565	-.565	0	%100
109	M71	X	-.978	-.978	0	%100
110	M71	Z	-.565	-.565	0	%100
111	M72	X	-.978	-.978	0	%100
112	M72	Z	-.565	-.565	0	%100
113	M89A	X	-3.913	-3.913	0	%100
114	M89A	Z	-2.259	-2.259	0	%100
115	M90	X	-3.913	-3.913	0	%100
116	M90	Z	-2.259	-2.259	0	%100
117	M16	X	-1.068	-1.068	0	%100
118	M16	Z	-.616	-.616	0	%100
119	M87A	X	-1.068	-1.068	0	%100
120	M87A	Z	-.616	-.616	0	%100
121	M105	X	-4.271	-4.271	0	%100
122	M105	Z	-2.466	-2.466	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-.449	-.449	0	%100
2	M31	Z	-.777	-.777	0	%100
3	M104B	X	-1.795	-1.795	0	%100
4	M104B	Z	-3.109	-3.109	0	%100
5	M105B	X	-.449	-.449	0	%100
6	M105B	Z	-.777	-.777	0	%100
7	M15	X	0	0	0	%100
8	M15	Z	0	0	0	%100
9	M17	X	-1.807	-1.807	0	%100
10	M17	Z	-3.13	-3.13	0	%100
11	M79	X	-1.807	-1.807	0	%100
12	M79	Z	-3.13	-3.13	0	%100
13	M80	X	-1.807	-1.807	0	%100
14	M80	Z	-3.13	-3.13	0	%100
15	M97B	X	-1.807	-1.807	0	%100
16	M97B	Z	-3.13	-3.13	0	%100
17	M98B	X	0	0	0	%100
18	M98B	Z	0	0	0	%100
19	MP4A	X	-1.511	-1.511	0	%100
20	MP4A	Z	-2.617	-2.617	0	%100
21	MP3A	X	-1.511	-1.511	0	%100
22	MP3A	Z	-2.617	-2.617	0	%100
23	MP2A	X	-1.511	-1.511	0	%100
24	MP2A	Z	-2.617	-2.617	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
25	MP1A	X	-1.511	-1.511	0	%100
26	MP1A	Z	-2.617	-2.617	0	%100
27	MP4C	X	-1.511	-1.511	0	%100
28	MP4C	Z	-2.617	-2.617	0	%100
29	MP3C	X	-1.511	-1.511	0	%100
30	MP3C	Z	-2.617	-2.617	0	%100
31	MP2C	X	-1.511	-1.511	0	%100
32	MP2C	Z	-2.617	-2.617	0	%100
33	MP1C	X	-1.511	-1.511	0	%100
34	MP1C	Z	-2.617	-2.617	0	%100
35	MP4B	X	-1.511	-1.511	0	%100
36	MP4B	Z	-2.617	-2.617	0	%100
37	MP3B	X	-1.511	-1.511	0	%100
38	MP3B	Z	-2.617	-2.617	0	%100
39	MP2B	X	-1.511	-1.511	0	%100
40	MP2B	Z	-2.617	-2.617	0	%100
41	MP1B	X	-1.511	-1.511	0	%100
42	MP1B	Z	-2.617	-2.617	0	%100
43	OVP	X	-1.511	-1.511	0	%100
44	OVP	Z	-2.617	-2.617	0	%100
45	M103A	X	-1.485	-1.485	0	%100
46	M103A	Z	-2.572	-2.572	0	%100
47	M104A	X	0	0	0	%100
48	M104A	Z	0	0	0	%100
49	M105A	X	-1.485	-1.485	0	%100
50	M105A	Z	-2.572	-2.572	0	%100
51	M61	X	-1.257	-1.257	0	%100
52	M61	Z	-2.178	-2.178	0	%100
53	M71A	X	0	0	0	%100
54	M71A	Z	0	0	0	%100
55	M87	X	-1.257	-1.257	0	%100
56	M87	Z	-2.178	-2.178	0	%100
57	M108	X	-1.058	-1.058	0	%100
58	M108	Z	-1.832	-1.832	0	%100
59	M109	X	-2.316	-2.316	0	%100
60	M109	Z	-4.012	-4.012	0	%100
61	M110A	X	-1.058	-1.058	0	%100
62	M110A	Z	-1.832	-1.832	0	%100
63	M33	X	-1.387	-1.387	0	%100
64	M33	Z	-2.402	-2.402	0	%100
65	M34	X	-.00018	-.00018	0	%100
66	M34	Z	-.000312	-.000312	0	%100
67	M81	X	-1.355	-1.355	0	%100
68	M81	Z	-2.348	-2.348	0	%100
69	M82A	X	-1.355	-1.355	0	%100
70	M82A	Z	-2.348	-2.348	0	%100
71	M99A	X	-.00018	-.00018	0	%100
72	M99A	Z	-.000312	-.000312	0	%100
73	M100A	X	-1.387	-1.387	0	%100
74	M100A	Z	-2.402	-2.402	0	%100
75	M7	X	-1.257	-1.257	0	%100
76	M7	Z	-2.178	-2.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
77	M86	X	0	0	0	%100
78	M86	Z	0	0	0	%100
79	M102A	X	-1.257	-1.257	0	%100
80	M102A	Z	-2.178	-2.178	0	%100
81	M36	X	-1.819	-1.819	0	%100
82	M36	Z	-3.151	-3.151	0	%100
83	M40	X	-1.795	-1.795	0	%100
84	M40	Z	-3.109	-3.109	0	%100
85	M35	X	-8e-5	-8e-5	0	%100
86	M35	Z	-.000139	-.000139	0	%100
87	M39	X	-1.819	-1.819	0	%100
88	M39	Z	-3.151	-3.151	0	%100
89	M83A	X	-8e-5	-8e-5	0	%100
90	M83A	Z	-.000139	-.000139	0	%100
91	M84A	X	-8e-5	-8e-5	0	%100
92	M84A	Z	-.000139	-.000139	0	%100
93	M85A	X	-1.795	-1.795	0	%100
94	M85A	Z	-3.109	-3.109	0	%100
95	M86A	X	-1.795	-1.795	0	%100
96	M86A	Z	-3.109	-3.109	0	%100
97	M101A	X	-1.795	-1.795	0	%100
98	M101A	Z	-3.109	-3.109	0	%100
99	M102	X	-1.819	-1.819	0	%100
100	M102	Z	-3.151	-3.151	0	%100
101	M103	X	-1.819	-1.819	0	%100
102	M103	Z	-3.151	-3.151	0	%100
103	M104	X	-8e-5	-8e-5	0	%100
104	M104	Z	-.000139	-.000139	0	%100
105	M32	X	-1.694	-1.694	0	%100
106	M32	Z	-2.935	-2.935	0	%100
107	M110	X	-1.694	-1.694	0	%100
108	M110	Z	-2.935	-2.935	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	0	0	0	%100
113	M89A	X	-1.694	-1.694	0	%100
114	M89A	Z	-2.935	-2.935	0	%100
115	M90	X	-1.694	-1.694	0	%100
116	M90	Z	-2.935	-2.935	0	%100
117	M16	X	-1.849	-1.849	0	%100
118	M16	Z	-3.203	-3.203	0	%100
119	M87A	X	0	0	0	%100
120	M87A	Z	0	0	0	%100
121	M105	X	-1.849	-1.849	0	%100
122	M105	Z	-3.203	-3.203	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	0	0	0	%100
2	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
3	M104B	X	0	0	0	%100
4	M104B	Z	-.564	-.564	0	%100
5	M105B	X	0	0	0	%100
6	M105B	Z	-.564	-.564	0	%100
7	M15	X	0	0	0	%100
8	M15	Z	-.358	-.358	0	%100
9	M17	X	0	0	0	%100
10	M17	Z	-.358	-.358	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	-.358	-.358	0	%100
13	M80	X	0	0	0	%100
14	M80	Z	-1.431	-1.431	0	%100
15	M97B	X	0	0	0	%100
16	M97B	Z	-1.431	-1.431	0	%100
17	M98B	X	0	0	0	%100
18	M98B	Z	-.358	-.358	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	-.566	-.566	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	-.566	-.566	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-.566	-.566	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	-.566	-.566	0	%100
27	MP4C	X	0	0	0	%100
28	MP4C	Z	-.566	-.566	0	%100
29	MP3C	X	0	0	0	%100
30	MP3C	Z	-.566	-.566	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	-.566	-.566	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	-.566	-.566	0	%100
35	MP4B	X	0	0	0	%100
36	MP4B	Z	-.566	-.566	0	%100
37	MP3B	X	0	0	0	%100
38	MP3B	Z	-.566	-.566	0	%100
39	MP2B	X	0	0	0	%100
40	MP2B	Z	-.566	-.566	0	%100
41	MP1B	X	0	0	0	%100
42	MP1B	Z	-.566	-.566	0	%100
43	OVP	X	0	0	0	%100
44	OVP	Z	-.566	-.566	0	%100
45	M103A	X	0	0	0	%100
46	M103A	Z	-.965	-.965	0	%100
47	M104A	X	0	0	0	%100
48	M104A	Z	-.241	-.241	0	%100
49	M105A	X	0	0	0	%100
50	M105A	Z	-.241	-.241	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	-.685	-.685	0	%100
53	M71A	X	0	0	0	%100
54	M71A	Z	-.171	-.171	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
55	M87	X	0	0	0	%100
56	M87	Z	-.171	-.171	0	%100
57	M108	X	0	0	0	%100
58	M108	Z	-.358	-.358	0	%100
59	M109	X	0	0	0	%100
60	M109	Z	-.949	-.949	0	%100
61	M110A	X	0	0	0	%100
62	M110A	Z	-.949	-.949	0	%100
63	M33	X	0	0	0	%100
64	M33	Z	-.206	-.206	0	%100
65	M34	X	0	0	0	%100
66	M34	Z	-.206	-.206	0	%100
67	M81	X	0	0	0	%100
68	M81	Z	-.795	-.795	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	-.192	-.192	0	%100
71	M99A	X	0	0	0	%100
72	M99A	Z	-.192	-.192	0	%100
73	M100A	X	0	0	0	%100
74	M100A	Z	-.795	-.795	0	%100
75	M7	X	0	0	0	%100
76	M7	Z	-.685	-.685	0	%100
77	M86	X	0	0	0	%100
78	M86	Z	-.171	-.171	0	%100
79	M102A	X	0	0	0	%100
80	M102A	Z	-.171	-.171	0	%100
81	M36	X	0	0	0	%100
82	M36	Z	-1.431	-1.431	0	%100
83	M40	X	0	0	0	%100
84	M40	Z	-1.431	-1.431	0	%100
85	M35	X	0	0	0	%100
86	M35	Z	-.365	-.365	0	%100
87	M39	X	0	0	0	%100
88	M39	Z	-.365	-.365	0	%100
89	M83A	X	0	0	0	%100
90	M83A	Z	-.365	-.365	0	%100
91	M84A	X	0	0	0	%100
92	M84A	Z	-.351	-.351	0	%100
93	M85A	X	0	0	0	%100
94	M85A	Z	-.351	-.351	0	%100
95	M86A	X	0	0	0	%100
96	M86A	Z	-1.431	-1.431	0	%100
97	M101A	X	0	0	0	%100
98	M101A	Z	-.351	-.351	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	-.365	-.365	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	-1.431	-1.431	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	-.351	-.351	0	%100
105	M32	X	0	0	0	%100
106	M32	Z	-1.179	-1.179	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
107	M110	X	0	0	0	%100
108	M110	Z	-1.179	-1.179	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	-.295	-.295	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	-.295	-.295	0	%100
113	M89A	X	0	0	0	%100
114	M89A	Z	-.295	-.295	0	%100
115	M90	X	0	0	0	%100
116	M90	Z	-.295	-.295	0	%100
117	M16	X	0	0	0	%100
118	M16	Z	-1.431	-1.431	0	%100
119	M87A	X	0	0	0	%100
120	M87A	Z	-.358	-.358	0	%100
121	M105	X	0	0	0	%100
122	M105	Z	-.358	-.358	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	.094	.094	0	%100
2	M31	Z	-.163	-.163	0	%100
3	M104B	X	.094	.094	0	%100
4	M104B	Z	-.163	-.163	0	%100
5	M105B	X	.376	.376	0	%100
6	M105B	Z	-.651	-.651	0	%100
7	M15	X	.536	.536	0	%100
8	M15	Z	-.929	-.929	0	%100
9	M17	X	0	0	0	%100
10	M17	Z	0	0	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	0	0	0	%100
13	M80	X	.536	.536	0	%100
14	M80	Z	-.929	-.929	0	%100
15	M97B	X	.536	.536	0	%100
16	M97B	Z	-.929	-.929	0	%100
17	M98B	X	.536	.536	0	%100
18	M98B	Z	-.929	-.929	0	%100
19	MP4A	X	.283	.283	0	%100
20	MP4A	Z	-.49	-.49	0	%100
21	MP3A	X	.283	.283	0	%100
22	MP3A	Z	-.49	-.49	0	%100
23	MP2A	X	.283	.283	0	%100
24	MP2A	Z	-.49	-.49	0	%100
25	MP1A	X	.283	.283	0	%100
26	MP1A	Z	-.49	-.49	0	%100
27	MP4C	X	.283	.283	0	%100
28	MP4C	Z	-.49	-.49	0	%100
29	MP3C	X	.283	.283	0	%100
30	MP3C	Z	-.49	-.49	0	%100
31	MP2C	X	.283	.283	0	%100
32	MP2C	Z	-.49	-.49	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
33	MP1C	X	.283	.283	0	%100
34	MP1C	Z	-.49	-.49	0	%100
35	MP4B	X	.283	.283	0	%100
36	MP4B	Z	-.49	-.49	0	%100
37	MP3B	X	.283	.283	0	%100
38	MP3B	Z	-.49	-.49	0	%100
39	MP2B	X	.283	.283	0	%100
40	MP2B	Z	-.49	-.49	0	%100
41	MP1B	X	.283	.283	0	%100
42	MP1B	Z	-.49	-.49	0	%100
43	OVP	X	.283	.283	0	%100
44	OVP	Z	-.49	-.49	0	%100
45	M103A	X	.362	.362	0	%100
46	M103A	Z	-.627	-.627	0	%100
47	M104A	X	.362	.362	0	%100
48	M104A	Z	-.627	-.627	0	%100
49	M105A	X	0	0	0	%100
50	M105A	Z	0	0	0	%100
51	M61	X	.257	.257	0	%100
52	M61	Z	-.445	-.445	0	%100
53	M71A	X	.257	.257	0	%100
54	M71A	Z	-.445	-.445	0	%100
55	M87	X	0	0	0	%100
56	M87	Z	0	0	0	%100
57	M108	X	.277	.277	0	%100
58	M108	Z	-.481	-.481	0	%100
59	M109	X	.277	.277	0	%100
60	M109	Z	-.481	-.481	0	%100
61	M110A	X	.573	.573	0	%100
62	M110A	Z	-.993	-.993	0	%100
63	M33	X	3.9e-5	3.9e-5	0	%100
64	M33	Z	-6.8e-5	-6.8e-5	0	%100
65	M34	X	.301	.301	0	%100
66	M34	Z	-.522	-.522	0	%100
67	M81	X	.301	.301	0	%100
68	M81	Z	-.522	-.522	0	%100
69	M82A	X	3.9e-5	3.9e-5	0	%100
70	M82A	Z	-6.8e-5	-6.8e-5	0	%100
71	M99A	X	.295	.295	0	%100
72	M99A	Z	-.51	-.51	0	%100
73	M100A	X	.295	.295	0	%100
74	M100A	Z	-.51	-.51	0	%100
75	M7	X	.257	.257	0	%100
76	M7	Z	-.445	-.445	0	%100
77	M86	X	.257	.257	0	%100
78	M86	Z	-.445	-.445	0	%100
79	M102A	X	0	0	0	%100
80	M102A	Z	0	0	0	%100
81	M36	X	.533	.533	0	%100
82	M36	Z	-.923	-.923	0	%100
83	M40	X	.54	.54	0	%100
84	M40	Z	-.935	-.935	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
85	M35	X	.54	.54	0	%100
86	M35	Z	-.935	-.935	0	%100
87	M39	X	2.4e-5	2.4e-5	0	%100
88	M39	Z	-4.1e-5	-4.1e-5	0	%100
89	M83A	X	.54	.54	0	%100
90	M83A	Z	-.935	-.935	0	%100
91	M84A	X	.533	.533	0	%100
92	M84A	Z	-.923	-.923	0	%100
93	M85A	X	2.4e-5	2.4e-5	0	%100
94	M85A	Z	-4.1e-5	-4.1e-5	0	%100
95	M86A	X	.54	.54	0	%100
96	M86A	Z	-.935	-.935	0	%100
97	M101A	X	2.4e-5	2.4e-5	0	%100
98	M101A	Z	-4.1e-5	-4.1e-5	0	%100
99	M102	X	2.4e-5	2.4e-5	0	%100
100	M102	Z	-4.1e-5	-4.1e-5	0	%100
101	M103	X	.533	.533	0	%100
102	M103	Z	-.923	-.923	0	%100
103	M104	X	.533	.533	0	%100
104	M104	Z	-.923	-.923	0	%100
105	M32	X	.442	.442	0	%100
106	M32	Z	-.766	-.766	0	%100
107	M110	X	.442	.442	0	%100
108	M110	Z	-.766	-.766	0	%100
109	M71	X	.442	.442	0	%100
110	M71	Z	-.766	-.766	0	%100
111	M72	X	.442	.442	0	%100
112	M72	Z	-.766	-.766	0	%100
113	M89A	X	0	0	0	%100
114	M89A	Z	0	0	0	%100
115	M90	X	0	0	0	%100
116	M90	Z	0	0	0	%100
117	M16	X	.536	.536	0	%100
118	M16	Z	-.929	-.929	0	%100
119	M87A	X	.536	.536	0	%100
120	M87A	Z	-.929	-.929	0	%100
121	M105	X	0	0	0	%100
122	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	.488	.488	0	%100
2	M31	Z	-.282	-.282	0	%100
3	M104B	X	0	0	0	%100
4	M104B	Z	0	0	0	%100
5	M105B	X	.488	.488	0	%100
6	M105B	Z	-.282	-.282	0	%100
7	M15	X	1.239	1.239	0	%100
8	M15	Z	-.715	-.715	0	%100
9	M17	X	.31	.31	0	%100
10	M17	Z	-.179	-.179	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
11	M79	X	.31	.31	0	%100
12	M79	Z	-.179	-.179	0	%100
13	M80	X	.31	.31	0	%100
14	M80	Z	-.179	-.179	0	%100
15	M97B	X	.31	.31	0	%100
16	M97B	Z	-.179	-.179	0	%100
17	M98B	X	1.239	1.239	0	%100
18	M98B	Z	-.715	-.715	0	%100
19	MP4A	X	.49	.49	0	%100
20	MP4A	Z	-.283	-.283	0	%100
21	MP3A	X	.49	.49	0	%100
22	MP3A	Z	-.283	-.283	0	%100
23	MP2A	X	.49	.49	0	%100
24	MP2A	Z	-.283	-.283	0	%100
25	MP1A	X	.49	.49	0	%100
26	MP1A	Z	-.283	-.283	0	%100
27	MP4C	X	.49	.49	0	%100
28	MP4C	Z	-.283	-.283	0	%100
29	MP3C	X	.49	.49	0	%100
30	MP3C	Z	-.283	-.283	0	%100
31	MP2C	X	.49	.49	0	%100
32	MP2C	Z	-.283	-.283	0	%100
33	MP1C	X	.49	.49	0	%100
34	MP1C	Z	-.283	-.283	0	%100
35	MP4B	X	.49	.49	0	%100
36	MP4B	Z	-.283	-.283	0	%100
37	MP3B	X	.49	.49	0	%100
38	MP3B	Z	-.283	-.283	0	%100
39	MP2B	X	.49	.49	0	%100
40	MP2B	Z	-.283	-.283	0	%100
41	MP1B	X	.49	.49	0	%100
42	MP1B	Z	-.283	-.283	0	%100
43	OVP	X	.49	.49	0	%100
44	OVP	Z	-.283	-.283	0	%100
45	M103A	X	.209	.209	0	%100
46	M103A	Z	-.121	-.121	0	%100
47	M104A	X	.836	.836	0	%100
48	M104A	Z	-.483	-.483	0	%100
49	M105A	X	.209	.209	0	%100
50	M105A	Z	-.121	-.121	0	%100
51	M61	X	.148	.148	0	%100
52	M61	Z	-.086	-.086	0	%100
53	M71A	X	.594	.594	0	%100
54	M71A	Z	-.343	-.343	0	%100
55	M87	X	.148	.148	0	%100
56	M87	Z	-.086	-.086	0	%100
57	M108	X	.822	.822	0	%100
58	M108	Z	-.475	-.475	0	%100
59	M109	X	.31	.31	0	%100
60	M109	Z	-.179	-.179	0	%100
61	M110A	X	.822	.822	0	%100
62	M110A	Z	-.475	-.475	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
63	M33	X	.166	.166	0	%100
64	M33	Z	-.096	-.096	0	%100
65	M34	X	.688	.688	0	%100
66	M34	Z	-.397	-.397	0	%100
67	M81	X	.178	.178	0	%100
68	M81	Z	-.103	-.103	0	%100
69	M82A	X	.178	.178	0	%100
70	M82A	Z	-.103	-.103	0	%100
71	M99A	X	.688	.688	0	%100
72	M99A	Z	-.397	-.397	0	%100
73	M100A	X	.166	.166	0	%100
74	M100A	Z	-.096	-.096	0	%100
75	M7	X	.148	.148	0	%100
76	M7	Z	-.086	-.086	0	%100
77	M86	X	.594	.594	0	%100
78	M86	Z	-.343	-.343	0	%100
79	M102A	X	.148	.148	0	%100
80	M102A	Z	-.086	-.086	0	%100
81	M36	X	.304	.304	0	%100
82	M36	Z	-.175	-.175	0	%100
83	M40	X	.316	.316	0	%100
84	M40	Z	-.182	-.182	0	%100
85	M35	X	1.239	1.239	0	%100
86	M35	Z	-.715	-.715	0	%100
87	M39	X	.304	.304	0	%100
88	M39	Z	-.175	-.175	0	%100
89	M83A	X	1.239	1.239	0	%100
90	M83A	Z	-.715	-.715	0	%100
91	M84A	X	1.239	1.239	0	%100
92	M84A	Z	-.715	-.715	0	%100
93	M85A	X	.316	.316	0	%100
94	M85A	Z	-.182	-.182	0	%100
95	M86A	X	.316	.316	0	%100
96	M86A	Z	-.182	-.182	0	%100
97	M101A	X	.316	.316	0	%100
98	M101A	Z	-.182	-.182	0	%100
99	M102	X	.304	.304	0	%100
100	M102	Z	-.175	-.175	0	%100
101	M103	X	.304	.304	0	%100
102	M103	Z	-.175	-.175	0	%100
103	M104	X	1.239	1.239	0	%100
104	M104	Z	-.715	-.715	0	%100
105	M32	X	.255	.255	0	%100
106	M32	Z	-.147	-.147	0	%100
107	M110	X	.255	.255	0	%100
108	M110	Z	-.147	-.147	0	%100
109	M71	X	1.021	1.021	0	%100
110	M71	Z	-.589	-.589	0	%100
111	M72	X	1.021	1.021	0	%100
112	M72	Z	-.589	-.589	0	%100
113	M89A	X	.255	.255	0	%100
114	M89A	Z	-.147	-.147	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	M90	X	.255	.255	0	%100
116	M90	Z	-.147	-.147	0	%100
117	M16	X	.31	.31	0	%100
118	M16	Z	-.179	-.179	0	%100
119	M87A	X	1.239	1.239	0	%100
120	M87A	Z	-.715	-.715	0	%100
121	M105	X	.31	.31	0	%100
122	M105	Z	-.179	-.179	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	.752	.752	0	%100
2	M31	Z	0	0	0	%100
3	M104B	X	.188	.188	0	%100
4	M104B	Z	0	0	0	%100
5	M105B	X	.188	.188	0	%100
6	M105B	Z	0	0	0	%100
7	M15	X	1.073	1.073	0	%100
8	M15	Z	0	0	0	%100
9	M17	X	1.073	1.073	0	%100
10	M17	Z	0	0	0	%100
11	M79	X	1.073	1.073	0	%100
12	M79	Z	0	0	0	%100
13	M80	X	0	0	0	%100
14	M80	Z	0	0	0	%100
15	M97B	X	0	0	0	%100
16	M97B	Z	0	0	0	%100
17	M98B	X	1.073	1.073	0	%100
18	M98B	Z	0	0	0	%100
19	MP4A	X	.566	.566	0	%100
20	MP4A	Z	0	0	0	%100
21	MP3A	X	.566	.566	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	.566	.566	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	.566	.566	0	%100
26	MP1A	Z	0	0	0	%100
27	MP4C	X	.566	.566	0	%100
28	MP4C	Z	0	0	0	%100
29	MP3C	X	.566	.566	0	%100
30	MP3C	Z	0	0	0	%100
31	MP2C	X	.566	.566	0	%100
32	MP2C	Z	0	0	0	%100
33	MP1C	X	.566	.566	0	%100
34	MP1C	Z	0	0	0	%100
35	MP4B	X	.566	.566	0	%100
36	MP4B	Z	0	0	0	%100
37	MP3B	X	.566	.566	0	%100
38	MP3B	Z	0	0	0	%100
39	MP2B	X	.566	.566	0	%100
40	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
41	MP1B	X	.566	.566	0	%100
42	MP1B	Z	0	0	0	%100
43	OVP	X	.566	.566	0	%100
44	OVP	Z	0	0	0	%100
45	M103A	X	0	0	0	%100
46	M103A	Z	0	0	0	%100
47	M104A	X	.724	.724	0	%100
48	M104A	Z	0	0	0	%100
49	M105A	X	.724	.724	0	%100
50	M105A	Z	0	0	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	M71A	X	.514	.514	0	%100
54	M71A	Z	0	0	0	%100
55	M87	X	.514	.514	0	%100
56	M87	Z	0	0	0	%100
57	M108	X	1.146	1.146	0	%100
58	M108	Z	0	0	0	%100
59	M109	X	.555	.555	0	%100
60	M109	Z	0	0	0	%100
61	M110A	X	.555	.555	0	%100
62	M110A	Z	0	0	0	%100
63	M33	X	.589	.589	0	%100
64	M33	Z	0	0	0	%100
65	M34	X	.589	.589	0	%100
66	M34	Z	0	0	0	%100
67	M81	X	7.8e-5	7.8e-5	0	%100
68	M81	Z	0	0	0	%100
69	M82A	X	.603	.603	0	%100
70	M82A	Z	0	0	0	%100
71	M99A	X	.603	.603	0	%100
72	M99A	Z	0	0	0	%100
73	M100A	X	7.8e-5	7.8e-5	0	%100
74	M100A	Z	0	0	0	%100
75	M7	X	0	0	0	%100
76	M7	Z	0	0	0	%100
77	M86	X	.514	.514	0	%100
78	M86	Z	0	0	0	%100
79	M102A	X	.514	.514	0	%100
80	M102A	Z	0	0	0	%100
81	M36	X	4.7e-5	4.7e-5	0	%100
82	M36	Z	0	0	0	%100
83	M40	X	4.7e-5	4.7e-5	0	%100
84	M40	Z	0	0	0	%100
85	M35	X	1.066	1.066	0	%100
86	M35	Z	0	0	0	%100
87	M39	X	1.066	1.066	0	%100
88	M39	Z	0	0	0	%100
89	M83A	X	1.066	1.066	0	%100
90	M83A	Z	0	0	0	%100
91	M84A	X	1.08	1.08	0	%100
92	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
93	M85A	X	1.08	1.08	0	%100
94	M85A	Z	0	0	0	%100
95	M86A	X	4.7e-5	4.7e-5	0	%100
96	M86A	Z	0	0	0	%100
97	M101A	X	1.08	1.08	0	%100
98	M101A	Z	0	0	0	%100
99	M102	X	1.066	1.066	0	%100
100	M102	Z	0	0	0	%100
101	M103	X	4.7e-5	4.7e-5	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	1.08	1.08	0	%100
104	M104	Z	0	0	0	%100
105	M32	X	0	0	0	%100
106	M32	Z	0	0	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M71	X	.884	.884	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	.884	.884	0	%100
112	M72	Z	0	0	0	%100
113	M89A	X	.884	.884	0	%100
114	M89A	Z	0	0	0	%100
115	M90	X	.884	.884	0	%100
116	M90	Z	0	0	0	%100
117	M16	X	0	0	0	%100
118	M16	Z	0	0	0	%100
119	M87A	X	1.073	1.073	0	%100
120	M87A	Z	0	0	0	%100
121	M105	X	1.073	1.073	0	%100
122	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	.488	.488	0	%100
2	M31	Z	.282	.282	0	%100
3	M104B	X	.488	.488	0	%100
4	M104B	Z	.282	.282	0	%100
5	M105B	X	0	0	0	%100
6	M105B	Z	0	0	0	%100
7	M15	X	.31	.31	0	%100
8	M15	Z	.179	.179	0	%100
9	M17	X	1.239	1.239	0	%100
10	M17	Z	.715	.715	0	%100
11	M79	X	1.239	1.239	0	%100
12	M79	Z	.715	.715	0	%100
13	M80	X	.31	.31	0	%100
14	M80	Z	.179	.179	0	%100
15	M97B	X	.31	.31	0	%100
16	M97B	Z	.179	.179	0	%100
17	M98B	X	.31	.31	0	%100
18	M98B	Z	.179	.179	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
19	MP4A	X	.49	.49	0	%100
20	MP4A	Z	.283	.283	0	%100
21	MP3A	X	.49	.49	0	%100
22	MP3A	Z	.283	.283	0	%100
23	MP2A	X	.49	.49	0	%100
24	MP2A	Z	.283	.283	0	%100
25	MP1A	X	.49	.49	0	%100
26	MP1A	Z	.283	.283	0	%100
27	MP4C	X	.49	.49	0	%100
28	MP4C	Z	.283	.283	0	%100
29	MP3C	X	.49	.49	0	%100
30	MP3C	Z	.283	.283	0	%100
31	MP2C	X	.49	.49	0	%100
32	MP2C	Z	.283	.283	0	%100
33	MP1C	X	.49	.49	0	%100
34	MP1C	Z	.283	.283	0	%100
35	MP4B	X	.49	.49	0	%100
36	MP4B	Z	.283	.283	0	%100
37	MP3B	X	.49	.49	0	%100
38	MP3B	Z	.283	.283	0	%100
39	MP2B	X	.49	.49	0	%100
40	MP2B	Z	.283	.283	0	%100
41	MP1B	X	.49	.49	0	%100
42	MP1B	Z	.283	.283	0	%100
43	OVP	X	.49	.49	0	%100
44	OVP	Z	.283	.283	0	%100
45	M103A	X	.209	.209	0	%100
46	M103A	Z	.121	.121	0	%100
47	M104A	X	.209	.209	0	%100
48	M104A	Z	.121	.121	0	%100
49	M105A	X	.836	.836	0	%100
50	M105A	Z	.483	.483	0	%100
51	M61	X	.148	.148	0	%100
52	M61	Z	.086	.086	0	%100
53	M71A	X	.148	.148	0	%100
54	M71A	Z	.086	.086	0	%100
55	M87	X	.594	.594	0	%100
56	M87	Z	.343	.343	0	%100
57	M108	X	.822	.822	0	%100
58	M108	Z	.475	.475	0	%100
59	M109	X	.822	.822	0	%100
60	M109	Z	.475	.475	0	%100
61	M110A	X	.31	.31	0	%100
62	M110A	Z	.179	.179	0	%100
63	M33	X	.688	.688	0	%100
64	M33	Z	.397	.397	0	%100
65	M34	X	.166	.166	0	%100
66	M34	Z	.096	.096	0	%100
67	M81	X	.166	.166	0	%100
68	M81	Z	.096	.096	0	%100
69	M82A	X	.688	.688	0	%100
70	M82A	Z	.397	.397	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
71	M99A	X	.178	.178	0	%100
72	M99A	Z	.103	.103	0	%100
73	M100A	X	.178	.178	0	%100
74	M100A	Z	.103	.103	0	%100
75	M7	X	.148	.148	0	%100
76	M7	Z	.086	.086	0	%100
77	M86	X	.148	.148	0	%100
78	M86	Z	.086	.086	0	%100
79	M102A	X	.594	.594	0	%100
80	M102A	Z	.343	.343	0	%100
81	M36	X	.316	.316	0	%100
82	M36	Z	.182	.182	0	%100
83	M40	X	.304	.304	0	%100
84	M40	Z	.175	.175	0	%100
85	M35	X	.304	.304	0	%100
86	M35	Z	.175	.175	0	%100
87	M39	X	1.239	1.239	0	%100
88	M39	Z	.715	.715	0	%100
89	M83A	X	.304	.304	0	%100
90	M83A	Z	.175	.175	0	%100
91	M84A	X	.316	.316	0	%100
92	M84A	Z	.182	.182	0	%100
93	M85A	X	1.239	1.239	0	%100
94	M85A	Z	.715	.715	0	%100
95	M86A	X	.304	.304	0	%100
96	M86A	Z	.175	.175	0	%100
97	M101A	X	1.239	1.239	0	%100
98	M101A	Z	.715	.715	0	%100
99	M102	X	1.239	1.239	0	%100
100	M102	Z	.715	.715	0	%100
101	M103	X	.316	.316	0	%100
102	M103	Z	.182	.182	0	%100
103	M104	X	.316	.316	0	%100
104	M104	Z	.182	.182	0	%100
105	M32	X	.255	.255	0	%100
106	M32	Z	.147	.147	0	%100
107	M110	X	.255	.255	0	%100
108	M110	Z	.147	.147	0	%100
109	M71	X	.255	.255	0	%100
110	M71	Z	.147	.147	0	%100
111	M72	X	.255	.255	0	%100
112	M72	Z	.147	.147	0	%100
113	M89A	X	1.021	1.021	0	%100
114	M89A	Z	.589	.589	0	%100
115	M90	X	1.021	1.021	0	%100
116	M90	Z	.589	.589	0	%100
117	M16	X	.31	.31	0	%100
118	M16	Z	.179	.179	0	%100
119	M87A	X	.31	.31	0	%100
120	M87A	Z	.179	.179	0	%100
121	M105	X	1.239	1.239	0	%100
122	M105	Z	.715	.715	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	.094	.094	0	%100
2	M31	Z	.163	.163	0	%100
3	M104B	X	.376	.376	0	%100
4	M104B	Z	.651	.651	0	%100
5	M105B	X	.094	.094	0	%100
6	M105B	Z	.163	.163	0	%100
7	M15	X	0	0	0	%100
8	M15	Z	0	0	0	%100
9	M17	X	.536	.536	0	%100
10	M17	Z	.929	.929	0	%100
11	M79	X	.536	.536	0	%100
12	M79	Z	.929	.929	0	%100
13	M80	X	.536	.536	0	%100
14	M80	Z	.929	.929	0	%100
15	M97B	X	.536	.536	0	%100
16	M97B	Z	.929	.929	0	%100
17	M98B	X	0	0	0	%100
18	M98B	Z	0	0	0	%100
19	MP4A	X	.283	.283	0	%100
20	MP4A	Z	.49	.49	0	%100
21	MP3A	X	.283	.283	0	%100
22	MP3A	Z	.49	.49	0	%100
23	MP2A	X	.283	.283	0	%100
24	MP2A	Z	.49	.49	0	%100
25	MP1A	X	.283	.283	0	%100
26	MP1A	Z	.49	.49	0	%100
27	MP4C	X	.283	.283	0	%100
28	MP4C	Z	.49	.49	0	%100
29	MP3C	X	.283	.283	0	%100
30	MP3C	Z	.49	.49	0	%100
31	MP2C	X	.283	.283	0	%100
32	MP2C	Z	.49	.49	0	%100
33	MP1C	X	.283	.283	0	%100
34	MP1C	Z	.49	.49	0	%100
35	MP4B	X	.283	.283	0	%100
36	MP4B	Z	.49	.49	0	%100
37	MP3B	X	.283	.283	0	%100
38	MP3B	Z	.49	.49	0	%100
39	MP2B	X	.283	.283	0	%100
40	MP2B	Z	.49	.49	0	%100
41	MP1B	X	.283	.283	0	%100
42	MP1B	Z	.49	.49	0	%100
43	OVP	X	.283	.283	0	%100
44	OVP	Z	.49	.49	0	%100
45	M103A	X	.362	.362	0	%100
46	M103A	Z	.627	.627	0	%100
47	M104A	X	0	0	0	%100
48	M104A	Z	0	0	0	%100
49	M105A	X	.362	.362	0	%100
50	M105A	Z	.627	.627	0	%100
51	M61	X	.257	.257	0	%100
52	M61	Z	.445	.445	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
53	M71A	X	0	0	0	%100
54	M71A	Z	0	0	0	%100
55	M87	X	.257	.257	0	%100
56	M87	Z	.445	.445	0	%100
57	M108	X	.277	.277	0	%100
58	M108	Z	.481	.481	0	%100
59	M109	X	.573	.573	0	%100
60	M109	Z	.993	.993	0	%100
61	M110A	X	.277	.277	0	%100
62	M110A	Z	.481	.481	0	%100
63	M33	X	.301	.301	0	%100
64	M33	Z	.522	.522	0	%100
65	M34	X	3.9e-5	3.9e-5	0	%100
66	M34	Z	6.8e-5	6.8e-5	0	%100
67	M81	X	.295	.295	0	%100
68	M81	Z	.51	.51	0	%100
69	M82A	X	.295	.295	0	%100
70	M82A	Z	.51	.51	0	%100
71	M99A	X	3.9e-5	3.9e-5	0	%100
72	M99A	Z	6.8e-5	6.8e-5	0	%100
73	M100A	X	.301	.301	0	%100
74	M100A	Z	.522	.522	0	%100
75	M7	X	.257	.257	0	%100
76	M7	Z	.445	.445	0	%100
77	M86	X	0	0	0	%100
78	M86	Z	0	0	0	%100
79	M102A	X	.257	.257	0	%100
80	M102A	Z	.445	.445	0	%100
81	M36	X	.54	.54	0	%100
82	M36	Z	.935	.935	0	%100
83	M40	X	.533	.533	0	%100
84	M40	Z	.923	.923	0	%100
85	M35	X	2.4e-5	2.4e-5	0	%100
86	M35	Z	4.1e-5	4.1e-5	0	%100
87	M39	X	.54	.54	0	%100
88	M39	Z	.935	.935	0	%100
89	M83A	X	2.4e-5	2.4e-5	0	%100
90	M83A	Z	4.1e-5	4.1e-5	0	%100
91	M84A	X	2.4e-5	2.4e-5	0	%100
92	M84A	Z	4.1e-5	4.1e-5	0	%100
93	M85A	X	.533	.533	0	%100
94	M85A	Z	.923	.923	0	%100
95	M86A	X	.533	.533	0	%100
96	M86A	Z	.923	.923	0	%100
97	M101A	X	.533	.533	0	%100
98	M101A	Z	.923	.923	0	%100
99	M102	X	.54	.54	0	%100
100	M102	Z	.935	.935	0	%100
101	M103	X	.54	.54	0	%100
102	M103	Z	.935	.935	0	%100
103	M104	X	2.4e-5	2.4e-5	0	%100
104	M104	Z	4.1e-5	4.1e-5	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
105	M32	X	.442	.442	0	%100
106	M32	Z	.766	.766	0	%100
107	M110	X	.442	.442	0	%100
108	M110	Z	.766	.766	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	0	0	0	%100
113	M89A	X	.442	.442	0	%100
114	M89A	Z	.766	.766	0	%100
115	M90	X	.442	.442	0	%100
116	M90	Z	.766	.766	0	%100
117	M16	X	.536	.536	0	%100
118	M16	Z	.929	.929	0	%100
119	M87A	X	0	0	0	%100
120	M87A	Z	0	0	0	%100
121	M105	X	.536	.536	0	%100
122	M105	Z	.929	.929	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	0	0	0	%100
2	M31	Z	0	0	0	%100
3	M104B	X	0	0	0	%100
4	M104B	Z	.564	.564	0	%100
5	M105B	X	0	0	0	%100
6	M105B	Z	.564	.564	0	%100
7	M15	X	0	0	0	%100
8	M15	Z	.358	.358	0	%100
9	M17	X	0	0	0	%100
10	M17	Z	.358	.358	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	.358	.358	0	%100
13	M80	X	0	0	0	%100
14	M80	Z	1.431	1.431	0	%100
15	M97B	X	0	0	0	%100
16	M97B	Z	1.431	1.431	0	%100
17	M98B	X	0	0	0	%100
18	M98B	Z	.358	.358	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	.566	.566	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	.566	.566	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	.566	.566	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	.566	.566	0	%100
27	MP4C	X	0	0	0	%100
28	MP4C	Z	.566	.566	0	%100
29	MP3C	X	0	0	0	%100
30	MP3C	Z	.566	.566	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
31	MP2C	X	0	0	0	%100
32	MP2C	Z	.566	.566	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	.566	.566	0	%100
35	MP4B	X	0	0	0	%100
36	MP4B	Z	.566	.566	0	%100
37	MP3B	X	0	0	0	%100
38	MP3B	Z	.566	.566	0	%100
39	MP2B	X	0	0	0	%100
40	MP2B	Z	.566	.566	0	%100
41	MP1B	X	0	0	0	%100
42	MP1B	Z	.566	.566	0	%100
43	OVP	X	0	0	0	%100
44	OVP	Z	.566	.566	0	%100
45	M103A	X	0	0	0	%100
46	M103A	Z	.965	.965	0	%100
47	M104A	X	0	0	0	%100
48	M104A	Z	.241	.241	0	%100
49	M105A	X	0	0	0	%100
50	M105A	Z	.241	.241	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	.685	.685	0	%100
53	M71A	X	0	0	0	%100
54	M71A	Z	.171	.171	0	%100
55	M87	X	0	0	0	%100
56	M87	Z	.171	.171	0	%100
57	M108	X	0	0	0	%100
58	M108	Z	.358	.358	0	%100
59	M109	X	0	0	0	%100
60	M109	Z	.949	.949	0	%100
61	M110A	X	0	0	0	%100
62	M110A	Z	.949	.949	0	%100
63	M33	X	0	0	0	%100
64	M33	Z	.206	.206	0	%100
65	M34	X	0	0	0	%100
66	M34	Z	.206	.206	0	%100
67	M81	X	0	0	0	%100
68	M81	Z	.795	.795	0	%100
69	M82A	X	0	0	0	%100
70	M82A	Z	.192	.192	0	%100
71	M99A	X	0	0	0	%100
72	M99A	Z	.192	.192	0	%100
73	M100A	X	0	0	0	%100
74	M100A	Z	.795	.795	0	%100
75	M7	X	0	0	0	%100
76	M7	Z	.685	.685	0	%100
77	M86	X	0	0	0	%100
78	M86	Z	.171	.171	0	%100
79	M102A	X	0	0	0	%100
80	M102A	Z	.171	.171	0	%100
81	M36	X	0	0	0	%100
82	M36	Z	1.431	1.431	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
83	M40	X	0	0	0	%100
84	M40	Z	1.431	1.431	0	%100
85	M35	X	0	0	0	%100
86	M35	Z	.365	.365	0	%100
87	M39	X	0	0	0	%100
88	M39	Z	.365	.365	0	%100
89	M83A	X	0	0	0	%100
90	M83A	Z	.365	.365	0	%100
91	M84A	X	0	0	0	%100
92	M84A	Z	.351	.351	0	%100
93	M85A	X	0	0	0	%100
94	M85A	Z	.351	.351	0	%100
95	M86A	X	0	0	0	%100
96	M86A	Z	1.431	1.431	0	%100
97	M101A	X	0	0	0	%100
98	M101A	Z	.351	.351	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	.365	.365	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	1.431	1.431	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	.351	.351	0	%100
105	M32	X	0	0	0	%100
106	M32	Z	1.179	1.179	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	1.179	1.179	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	.295	.295	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	.295	.295	0	%100
113	M89A	X	0	0	0	%100
114	M89A	Z	.295	.295	0	%100
115	M90	X	0	0	0	%100
116	M90	Z	.295	.295	0	%100
117	M16	X	0	0	0	%100
118	M16	Z	1.431	1.431	0	%100
119	M87A	X	0	0	0	%100
120	M87A	Z	.358	.358	0	%100
121	M105	X	0	0	0	%100
122	M105	Z	.358	.358	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-.094	-.094	0	%100
2	M31	Z	.163	.163	0	%100
3	M104B	X	-.094	-.094	0	%100
4	M104B	Z	.163	.163	0	%100
5	M105B	X	-.376	-.376	0	%100
6	M105B	Z	.651	.651	0	%100
7	M15	X	-.536	-.536	0	%100
8	M15	Z	.929	.929	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
9	M17	X	0	0	0	%100
10	M17	Z	0	0	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	0	0	0	%100
13	M80	X	-.536	-.536	0	%100
14	M80	Z	.929	.929	0	%100
15	M97B	X	-.536	-.536	0	%100
16	M97B	Z	.929	.929	0	%100
17	M98B	X	-.536	-.536	0	%100
18	M98B	Z	.929	.929	0	%100
19	MP4A	X	-.283	-.283	0	%100
20	MP4A	Z	.49	.49	0	%100
21	MP3A	X	-.283	-.283	0	%100
22	MP3A	Z	.49	.49	0	%100
23	MP2A	X	-.283	-.283	0	%100
24	MP2A	Z	.49	.49	0	%100
25	MP1A	X	-.283	-.283	0	%100
26	MP1A	Z	.49	.49	0	%100
27	MP4C	X	-.283	-.283	0	%100
28	MP4C	Z	.49	.49	0	%100
29	MP3C	X	-.283	-.283	0	%100
30	MP3C	Z	.49	.49	0	%100
31	MP2C	X	-.283	-.283	0	%100
32	MP2C	Z	.49	.49	0	%100
33	MP1C	X	-.283	-.283	0	%100
34	MP1C	Z	.49	.49	0	%100
35	MP4B	X	-.283	-.283	0	%100
36	MP4B	Z	.49	.49	0	%100
37	MP3B	X	-.283	-.283	0	%100
38	MP3B	Z	.49	.49	0	%100
39	MP2B	X	-.283	-.283	0	%100
40	MP2B	Z	.49	.49	0	%100
41	MP1B	X	-.283	-.283	0	%100
42	MP1B	Z	.49	.49	0	%100
43	OVP	X	-.283	-.283	0	%100
44	OVP	Z	.49	.49	0	%100
45	M103A	X	-.362	-.362	0	%100
46	M103A	Z	.627	.627	0	%100
47	M104A	X	-.362	-.362	0	%100
48	M104A	Z	.627	.627	0	%100
49	M105A	X	0	0	0	%100
50	M105A	Z	0	0	0	%100
51	M61	X	-.257	-.257	0	%100
52	M61	Z	.445	.445	0	%100
53	M71A	X	-.257	-.257	0	%100
54	M71A	Z	.445	.445	0	%100
55	M87	X	0	0	0	%100
56	M87	Z	0	0	0	%100
57	M108	X	-.277	-.277	0	%100
58	M108	Z	.481	.481	0	%100
59	M109	X	-.277	-.277	0	%100
60	M109	Z	.481	.481	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
61	M110A	X	-.573	-.573	0	%100
62	M110A	Z	.993	.993	0	%100
63	M33	X	-3.9e-5	-3.9e-5	0	%100
64	M33	Z	6.8e-5	6.8e-5	0	%100
65	M34	X	-.301	-.301	0	%100
66	M34	Z	.522	.522	0	%100
67	M81	X	-.301	-.301	0	%100
68	M81	Z	.522	.522	0	%100
69	M82A	X	-3.9e-5	-3.9e-5	0	%100
70	M82A	Z	6.8e-5	6.8e-5	0	%100
71	M99A	X	-.295	-.295	0	%100
72	M99A	Z	.51	.51	0	%100
73	M100A	X	-.295	-.295	0	%100
74	M100A	Z	.51	.51	0	%100
75	M7	X	-.257	-.257	0	%100
76	M7	Z	.445	.445	0	%100
77	M86	X	-.257	-.257	0	%100
78	M86	Z	.445	.445	0	%100
79	M102A	X	0	0	0	%100
80	M102A	Z	0	0	0	%100
81	M36	X	-.533	-.533	0	%100
82	M36	Z	.923	.923	0	%100
83	M40	X	-.54	-.54	0	%100
84	M40	Z	.935	.935	0	%100
85	M35	X	-.54	-.54	0	%100
86	M35	Z	.935	.935	0	%100
87	M39	X	-2.4e-5	-2.4e-5	0	%100
88	M39	Z	4.1e-5	4.1e-5	0	%100
89	M83A	X	-.54	-.54	0	%100
90	M83A	Z	.935	.935	0	%100
91	M84A	X	-.533	-.533	0	%100
92	M84A	Z	.923	.923	0	%100
93	M85A	X	-2.4e-5	-2.4e-5	0	%100
94	M85A	Z	4.1e-5	4.1e-5	0	%100
95	M86A	X	-.54	-.54	0	%100
96	M86A	Z	.935	.935	0	%100
97	M101A	X	-2.4e-5	-2.4e-5	0	%100
98	M101A	Z	4.1e-5	4.1e-5	0	%100
99	M102	X	-2.4e-5	-2.4e-5	0	%100
100	M102	Z	4.1e-5	4.1e-5	0	%100
101	M103	X	-.533	-.533	0	%100
102	M103	Z	.923	.923	0	%100
103	M104	X	-.533	-.533	0	%100
104	M104	Z	.923	.923	0	%100
105	M32	X	-.442	-.442	0	%100
106	M32	Z	.766	.766	0	%100
107	M110	X	-.442	-.442	0	%100
108	M110	Z	.766	.766	0	%100
109	M71	X	-.442	-.442	0	%100
110	M71	Z	.766	.766	0	%100
111	M72	X	-.442	-.442	0	%100
112	M72	Z	.766	.766	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
113	M89A	X	0	0	0	%100
114	M89A	Z	0	0	0	%100
115	M90	X	0	0	0	%100
116	M90	Z	0	0	0	%100
117	M16	X	-.536	-.536	0	%100
118	M16	Z	.929	.929	0	%100
119	M87A	X	-.536	-.536	0	%100
120	M87A	Z	.929	.929	0	%100
121	M105	X	0	0	0	%100
122	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-.488	-.488	0	%100
2	M31	Z	.282	.282	0	%100
3	M104B	X	0	0	0	%100
4	M104B	Z	0	0	0	%100
5	M105B	X	-.488	-.488	0	%100
6	M105B	Z	.282	.282	0	%100
7	M15	X	-1.239	-1.239	0	%100
8	M15	Z	.715	.715	0	%100
9	M17	X	-.31	-.31	0	%100
10	M17	Z	.179	.179	0	%100
11	M79	X	-.31	-.31	0	%100
12	M79	Z	.179	.179	0	%100
13	M80	X	-.31	-.31	0	%100
14	M80	Z	.179	.179	0	%100
15	M97B	X	-.31	-.31	0	%100
16	M97B	Z	.179	.179	0	%100
17	M98B	X	-1.239	-1.239	0	%100
18	M98B	Z	.715	.715	0	%100
19	MP4A	X	-.49	-.49	0	%100
20	MP4A	Z	.283	.283	0	%100
21	MP3A	X	-.49	-.49	0	%100
22	MP3A	Z	.283	.283	0	%100
23	MP2A	X	-.49	-.49	0	%100
24	MP2A	Z	.283	.283	0	%100
25	MP1A	X	-.49	-.49	0	%100
26	MP1A	Z	.283	.283	0	%100
27	MP4C	X	-.49	-.49	0	%100
28	MP4C	Z	.283	.283	0	%100
29	MP3C	X	-.49	-.49	0	%100
30	MP3C	Z	.283	.283	0	%100
31	MP2C	X	-.49	-.49	0	%100
32	MP2C	Z	.283	.283	0	%100
33	MP1C	X	-.49	-.49	0	%100
34	MP1C	Z	.283	.283	0	%100
35	MP4B	X	-.49	-.49	0	%100
36	MP4B	Z	.283	.283	0	%100
37	MP3B	X	-.49	-.49	0	%100
38	MP3B	Z	.283	.283	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
39	MP2B	X	-.49	-.49	0	%100
40	MP2B	Z	.283	.283	0	%100
41	MP1B	X	-.49	-.49	0	%100
42	MP1B	Z	.283	.283	0	%100
43	OVP	X	-.49	-.49	0	%100
44	OVP	Z	.283	.283	0	%100
45	M103A	X	-.209	-.209	0	%100
46	M103A	Z	.121	.121	0	%100
47	M104A	X	-.836	-.836	0	%100
48	M104A	Z	.483	.483	0	%100
49	M105A	X	-.209	-.209	0	%100
50	M105A	Z	.121	.121	0	%100
51	M61	X	-.148	-.148	0	%100
52	M61	Z	.086	.086	0	%100
53	M71A	X	-.594	-.594	0	%100
54	M71A	Z	.343	.343	0	%100
55	M87	X	-.148	-.148	0	%100
56	M87	Z	.086	.086	0	%100
57	M108	X	-.822	-.822	0	%100
58	M108	Z	.475	.475	0	%100
59	M109	X	-.31	-.31	0	%100
60	M109	Z	.179	.179	0	%100
61	M110A	X	-.822	-.822	0	%100
62	M110A	Z	.475	.475	0	%100
63	M33	X	-.166	-.166	0	%100
64	M33	Z	.096	.096	0	%100
65	M34	X	-.688	-.688	0	%100
66	M34	Z	.397	.397	0	%100
67	M81	X	-.178	-.178	0	%100
68	M81	Z	.103	.103	0	%100
69	M82A	X	-.178	-.178	0	%100
70	M82A	Z	.103	.103	0	%100
71	M99A	X	-.688	-.688	0	%100
72	M99A	Z	.397	.397	0	%100
73	M100A	X	-.166	-.166	0	%100
74	M100A	Z	.096	.096	0	%100
75	M7	X	-.148	-.148	0	%100
76	M7	Z	.086	.086	0	%100
77	M86	X	-.594	-.594	0	%100
78	M86	Z	.343	.343	0	%100
79	M102A	X	-.148	-.148	0	%100
80	M102A	Z	.086	.086	0	%100
81	M36	X	-.304	-.304	0	%100
82	M36	Z	.175	.175	0	%100
83	M40	X	-.316	-.316	0	%100
84	M40	Z	.182	.182	0	%100
85	M35	X	-1.239	-1.239	0	%100
86	M35	Z	.715	.715	0	%100
87	M39	X	-.304	-.304	0	%100
88	M39	Z	.175	.175	0	%100
89	M83A	X	-1.239	-1.239	0	%100
90	M83A	Z	.715	.715	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
91	M84A	X	-1.239	-1.239	0	%100
92	M84A	Z	.715	.715	0	%100
93	M85A	X	-.316	-.316	0	%100
94	M85A	Z	.182	.182	0	%100
95	M86A	X	-.316	-.316	0	%100
96	M86A	Z	.182	.182	0	%100
97	M101A	X	-.316	-.316	0	%100
98	M101A	Z	.182	.182	0	%100
99	M102	X	-.304	-.304	0	%100
100	M102	Z	.175	.175	0	%100
101	M103	X	-.304	-.304	0	%100
102	M103	Z	.175	.175	0	%100
103	M104	X	-1.239	-1.239	0	%100
104	M104	Z	.715	.715	0	%100
105	M32	X	-.255	-.255	0	%100
106	M32	Z	.147	.147	0	%100
107	M110	X	-.255	-.255	0	%100
108	M110	Z	.147	.147	0	%100
109	M71	X	-1.021	-1.021	0	%100
110	M71	Z	.589	.589	0	%100
111	M72	X	-1.021	-1.021	0	%100
112	M72	Z	.589	.589	0	%100
113	M89A	X	-.255	-.255	0	%100
114	M89A	Z	.147	.147	0	%100
115	M90	X	-.255	-.255	0	%100
116	M90	Z	.147	.147	0	%100
117	M16	X	-.31	-.31	0	%100
118	M16	Z	.179	.179	0	%100
119	M87A	X	-1.239	-1.239	0	%100
120	M87A	Z	.715	.715	0	%100
121	M105	X	-.31	-.31	0	%100
122	M105	Z	.179	.179	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-.752	-.752	0	%100
2	M31	Z	0	0	0	%100
3	M104B	X	-.188	-.188	0	%100
4	M104B	Z	0	0	0	%100
5	M105B	X	-.188	-.188	0	%100
6	M105B	Z	0	0	0	%100
7	M15	X	-1.073	-1.073	0	%100
8	M15	Z	0	0	0	%100
9	M17	X	-1.073	-1.073	0	%100
10	M17	Z	0	0	0	%100
11	M79	X	-1.073	-1.073	0	%100
12	M79	Z	0	0	0	%100
13	M80	X	0	0	0	%100
14	M80	Z	0	0	0	%100
15	M97B	X	0	0	0	%100
16	M97B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
17	M98B	X	-1.073	-1.073	0	%100
18	M98B	Z	0	0	0	%100
19	MP4A	X	-.566	-.566	0	%100
20	MP4A	Z	0	0	0	%100
21	MP3A	X	-.566	-.566	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	-.566	-.566	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	-.566	-.566	0	%100
26	MP1A	Z	0	0	0	%100
27	MP4C	X	-.566	-.566	0	%100
28	MP4C	Z	0	0	0	%100
29	MP3C	X	-.566	-.566	0	%100
30	MP3C	Z	0	0	0	%100
31	MP2C	X	-.566	-.566	0	%100
32	MP2C	Z	0	0	0	%100
33	MP1C	X	-.566	-.566	0	%100
34	MP1C	Z	0	0	0	%100
35	MP4B	X	-.566	-.566	0	%100
36	MP4B	Z	0	0	0	%100
37	MP3B	X	-.566	-.566	0	%100
38	MP3B	Z	0	0	0	%100
39	MP2B	X	-.566	-.566	0	%100
40	MP2B	Z	0	0	0	%100
41	MP1B	X	-.566	-.566	0	%100
42	MP1B	Z	0	0	0	%100
43	OVP	X	-.566	-.566	0	%100
44	OVP	Z	0	0	0	%100
45	M103A	X	0	0	0	%100
46	M103A	Z	0	0	0	%100
47	M104A	X	-.724	-.724	0	%100
48	M104A	Z	0	0	0	%100
49	M105A	X	-.724	-.724	0	%100
50	M105A	Z	0	0	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	M71A	X	-.514	-.514	0	%100
54	M71A	Z	0	0	0	%100
55	M87	X	-.514	-.514	0	%100
56	M87	Z	0	0	0	%100
57	M108	X	-1.146	-1.146	0	%100
58	M108	Z	0	0	0	%100
59	M109	X	-.555	-.555	0	%100
60	M109	Z	0	0	0	%100
61	M110A	X	-.555	-.555	0	%100
62	M110A	Z	0	0	0	%100
63	M33	X	-.589	-.589	0	%100
64	M33	Z	0	0	0	%100
65	M34	X	-.589	-.589	0	%100
66	M34	Z	0	0	0	%100
67	M81	X	-7.8e-5	-7.8e-5	0	%100
68	M81	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
69	M82A	X	-.603	-.603	0	%100
70	M82A	Z	0	0	0	%100
71	M99A	X	-.603	-.603	0	%100
72	M99A	Z	0	0	0	%100
73	M100A	X	-7.8e-5	-7.8e-5	0	%100
74	M100A	Z	0	0	0	%100
75	M7	X	0	0	0	%100
76	M7	Z	0	0	0	%100
77	M86	X	-.514	-.514	0	%100
78	M86	Z	0	0	0	%100
79	M102A	X	-.514	-.514	0	%100
80	M102A	Z	0	0	0	%100
81	M36	X	-4.7e-5	-4.7e-5	0	%100
82	M36	Z	0	0	0	%100
83	M40	X	-4.7e-5	-4.7e-5	0	%100
84	M40	Z	0	0	0	%100
85	M35	X	-1.066	-1.066	0	%100
86	M35	Z	0	0	0	%100
87	M39	X	-1.066	-1.066	0	%100
88	M39	Z	0	0	0	%100
89	M83A	X	-1.066	-1.066	0	%100
90	M83A	Z	0	0	0	%100
91	M84A	X	-1.08	-1.08	0	%100
92	M84A	Z	0	0	0	%100
93	M85A	X	-1.08	-1.08	0	%100
94	M85A	Z	0	0	0	%100
95	M86A	X	-4.7e-5	-4.7e-5	0	%100
96	M86A	Z	0	0	0	%100
97	M101A	X	-1.08	-1.08	0	%100
98	M101A	Z	0	0	0	%100
99	M102	X	-1.066	-1.066	0	%100
100	M102	Z	0	0	0	%100
101	M103	X	-4.7e-5	-4.7e-5	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	-1.08	-1.08	0	%100
104	M104	Z	0	0	0	%100
105	M32	X	0	0	0	%100
106	M32	Z	0	0	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M71	X	-.884	-.884	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	-.884	-.884	0	%100
112	M72	Z	0	0	0	%100
113	M89A	X	-.884	-.884	0	%100
114	M89A	Z	0	0	0	%100
115	M90	X	-.884	-.884	0	%100
116	M90	Z	0	0	0	%100
117	M16	X	0	0	0	%100
118	M16	Z	0	0	0	%100
119	M87A	X	-1.073	-1.073	0	%100
120	M87A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
121	M105	X	-1.073	-1.073	0	%100
122	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-.488	-.488	0	%100
2	M31	Z	-.282	-.282	0	%100
3	M104B	X	-.488	-.488	0	%100
4	M104B	Z	-.282	-.282	0	%100
5	M105B	X	0	0	0	%100
6	M105B	Z	0	0	0	%100
7	M15	X	-.31	-.31	0	%100
8	M15	Z	-.179	-.179	0	%100
9	M17	X	-1.239	-1.239	0	%100
10	M17	Z	-.715	-.715	0	%100
11	M79	X	-1.239	-1.239	0	%100
12	M79	Z	-.715	-.715	0	%100
13	M80	X	-.31	-.31	0	%100
14	M80	Z	-.179	-.179	0	%100
15	M97B	X	-.31	-.31	0	%100
16	M97B	Z	-.179	-.179	0	%100
17	M98B	X	-.31	-.31	0	%100
18	M98B	Z	-.179	-.179	0	%100
19	MP4A	X	-.49	-.49	0	%100
20	MP4A	Z	-.283	-.283	0	%100
21	MP3A	X	-.49	-.49	0	%100
22	MP3A	Z	-.283	-.283	0	%100
23	MP2A	X	-.49	-.49	0	%100
24	MP2A	Z	-.283	-.283	0	%100
25	MP1A	X	-.49	-.49	0	%100
26	MP1A	Z	-.283	-.283	0	%100
27	MP4C	X	-.49	-.49	0	%100
28	MP4C	Z	-.283	-.283	0	%100
29	MP3C	X	-.49	-.49	0	%100
30	MP3C	Z	-.283	-.283	0	%100
31	MP2C	X	-.49	-.49	0	%100
32	MP2C	Z	-.283	-.283	0	%100
33	MP1C	X	-.49	-.49	0	%100
34	MP1C	Z	-.283	-.283	0	%100
35	MP4B	X	-.49	-.49	0	%100
36	MP4B	Z	-.283	-.283	0	%100
37	MP3B	X	-.49	-.49	0	%100
38	MP3B	Z	-.283	-.283	0	%100
39	MP2B	X	-.49	-.49	0	%100
40	MP2B	Z	-.283	-.283	0	%100
41	MP1B	X	-.49	-.49	0	%100
42	MP1B	Z	-.283	-.283	0	%100
43	OVP	X	-.49	-.49	0	%100
44	OVP	Z	-.283	-.283	0	%100
45	M103A	X	-.209	-.209	0	%100
46	M103A	Z	-.121	-.121	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
47	M104A	X	-.209	-.209	0	%100
48	M104A	Z	-.121	-.121	0	%100
49	M105A	X	-.836	-.836	0	%100
50	M105A	Z	-.483	-.483	0	%100
51	M61	X	-.148	-.148	0	%100
52	M61	Z	-.086	-.086	0	%100
53	M71A	X	-.148	-.148	0	%100
54	M71A	Z	-.086	-.086	0	%100
55	M87	X	-.594	-.594	0	%100
56	M87	Z	-.343	-.343	0	%100
57	M108	X	-.822	-.822	0	%100
58	M108	Z	-.475	-.475	0	%100
59	M109	X	-.822	-.822	0	%100
60	M109	Z	-.475	-.475	0	%100
61	M110A	X	-.31	-.31	0	%100
62	M110A	Z	-.179	-.179	0	%100
63	M33	X	-.688	-.688	0	%100
64	M33	Z	-.397	-.397	0	%100
65	M34	X	-.166	-.166	0	%100
66	M34	Z	-.096	-.096	0	%100
67	M81	X	-.166	-.166	0	%100
68	M81	Z	-.096	-.096	0	%100
69	M82A	X	-.688	-.688	0	%100
70	M82A	Z	-.397	-.397	0	%100
71	M99A	X	-.178	-.178	0	%100
72	M99A	Z	-.103	-.103	0	%100
73	M100A	X	-.178	-.178	0	%100
74	M100A	Z	-.103	-.103	0	%100
75	M7	X	-.148	-.148	0	%100
76	M7	Z	-.086	-.086	0	%100
77	M86	X	-.148	-.148	0	%100
78	M86	Z	-.086	-.086	0	%100
79	M102A	X	-.594	-.594	0	%100
80	M102A	Z	-.343	-.343	0	%100
81	M36	X	-.316	-.316	0	%100
82	M36	Z	-.182	-.182	0	%100
83	M40	X	-.304	-.304	0	%100
84	M40	Z	-.175	-.175	0	%100
85	M35	X	-.304	-.304	0	%100
86	M35	Z	-.175	-.175	0	%100
87	M39	X	-1.239	-1.239	0	%100
88	M39	Z	-.715	-.715	0	%100
89	M83A	X	-.304	-.304	0	%100
90	M83A	Z	-.175	-.175	0	%100
91	M84A	X	-.316	-.316	0	%100
92	M84A	Z	-.182	-.182	0	%100
93	M85A	X	-1.239	-1.239	0	%100
94	M85A	Z	-.715	-.715	0	%100
95	M86A	X	-.304	-.304	0	%100
96	M86A	Z	-.175	-.175	0	%100
97	M101A	X	-1.239	-1.239	0	%100
98	M101A	Z	-.715	-.715	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
99	M102	X	-1.239	-1.239	0	%100
100	M102	Z	-.715	-.715	0	%100
101	M103	X	-.316	-.316	0	%100
102	M103	Z	-.182	-.182	0	%100
103	M104	X	-.316	-.316	0	%100
104	M104	Z	-.182	-.182	0	%100
105	M32	X	-.255	-.255	0	%100
106	M32	Z	-.147	-.147	0	%100
107	M110	X	-.255	-.255	0	%100
108	M110	Z	-.147	-.147	0	%100
109	M71	X	-.255	-.255	0	%100
110	M71	Z	-.147	-.147	0	%100
111	M72	X	-.255	-.255	0	%100
112	M72	Z	-.147	-.147	0	%100
113	M89A	X	-1.021	-1.021	0	%100
114	M89A	Z	-.589	-.589	0	%100
115	M90	X	-1.021	-1.021	0	%100
116	M90	Z	-.589	-.589	0	%100
117	M16	X	-.31	-.31	0	%100
118	M16	Z	-.179	-.179	0	%100
119	M87A	X	-.31	-.31	0	%100
120	M87A	Z	-.179	-.179	0	%100
121	M105	X	-1.239	-1.239	0	%100
122	M105	Z	-.715	-.715	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	-.094	-.094	0	%100
2	M31	Z	-.163	-.163	0	%100
3	M104B	X	-.376	-.376	0	%100
4	M104B	Z	-.651	-.651	0	%100
5	M105B	X	-.094	-.094	0	%100
6	M105B	Z	-.163	-.163	0	%100
7	M15	X	0	0	0	%100
8	M15	Z	0	0	0	%100
9	M17	X	-.536	-.536	0	%100
10	M17	Z	-.929	-.929	0	%100
11	M79	X	-.536	-.536	0	%100
12	M79	Z	-.929	-.929	0	%100
13	M80	X	-.536	-.536	0	%100
14	M80	Z	-.929	-.929	0	%100
15	M97B	X	-.536	-.536	0	%100
16	M97B	Z	-.929	-.929	0	%100
17	M98B	X	0	0	0	%100
18	M98B	Z	0	0	0	%100
19	MP4A	X	-.283	-.283	0	%100
20	MP4A	Z	-.49	-.49	0	%100
21	MP3A	X	-.283	-.283	0	%100
22	MP3A	Z	-.49	-.49	0	%100
23	MP2A	X	-.283	-.283	0	%100
24	MP2A	Z	-.49	-.49	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
25	MP1A	X	-.283	-.283	0	%100
26	MP1A	Z	-.49	-.49	0	%100
27	MP4C	X	-.283	-.283	0	%100
28	MP4C	Z	-.49	-.49	0	%100
29	MP3C	X	-.283	-.283	0	%100
30	MP3C	Z	-.49	-.49	0	%100
31	MP2C	X	-.283	-.283	0	%100
32	MP2C	Z	-.49	-.49	0	%100
33	MP1C	X	-.283	-.283	0	%100
34	MP1C	Z	-.49	-.49	0	%100
35	MP4B	X	-.283	-.283	0	%100
36	MP4B	Z	-.49	-.49	0	%100
37	MP3B	X	-.283	-.283	0	%100
38	MP3B	Z	-.49	-.49	0	%100
39	MP2B	X	-.283	-.283	0	%100
40	MP2B	Z	-.49	-.49	0	%100
41	MP1B	X	-.283	-.283	0	%100
42	MP1B	Z	-.49	-.49	0	%100
43	OVP	X	-.283	-.283	0	%100
44	OVP	Z	-.49	-.49	0	%100
45	M103A	X	-.362	-.362	0	%100
46	M103A	Z	-.627	-.627	0	%100
47	M104A	X	0	0	0	%100
48	M104A	Z	0	0	0	%100
49	M105A	X	-.362	-.362	0	%100
50	M105A	Z	-.627	-.627	0	%100
51	M61	X	-.257	-.257	0	%100
52	M61	Z	-.445	-.445	0	%100
53	M71A	X	0	0	0	%100
54	M71A	Z	0	0	0	%100
55	M87	X	-.257	-.257	0	%100
56	M87	Z	-.445	-.445	0	%100
57	M108	X	-.277	-.277	0	%100
58	M108	Z	-.481	-.481	0	%100
59	M109	X	-.573	-.573	0	%100
60	M109	Z	-.993	-.993	0	%100
61	M110A	X	-.277	-.277	0	%100
62	M110A	Z	-.481	-.481	0	%100
63	M33	X	-.301	-.301	0	%100
64	M33	Z	-.522	-.522	0	%100
65	M34	X	-3.9e-5	-3.9e-5	0	%100
66	M34	Z	-6.8e-5	-6.8e-5	0	%100
67	M81	X	-.295	-.295	0	%100
68	M81	Z	-.51	-.51	0	%100
69	M82A	X	-.295	-.295	0	%100
70	M82A	Z	-.51	-.51	0	%100
71	M99A	X	-3.9e-5	-3.9e-5	0	%100
72	M99A	Z	-6.8e-5	-6.8e-5	0	%100
73	M100A	X	-.301	-.301	0	%100
74	M100A	Z	-.522	-.522	0	%100
75	M7	X	-.257	-.257	0	%100
76	M7	Z	-.445	-.445	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
77	M86	X	0	0	0	%100
78	M86	Z	0	0	0	%100
79	M102A	X	-.257	-.257	0	%100
80	M102A	Z	-.445	-.445	0	%100
81	M36	X	-.54	-.54	0	%100
82	M36	Z	-.935	-.935	0	%100
83	M40	X	-.533	-.533	0	%100
84	M40	Z	-.923	-.923	0	%100
85	M35	X	-2.4e-5	-2.4e-5	0	%100
86	M35	Z	-4.1e-5	-4.1e-5	0	%100
87	M39	X	-.54	-.54	0	%100
88	M39	Z	-.935	-.935	0	%100
89	M83A	X	-2.4e-5	-2.4e-5	0	%100
90	M83A	Z	-4.1e-5	-4.1e-5	0	%100
91	M84A	X	-2.4e-5	-2.4e-5	0	%100
92	M84A	Z	-4.1e-5	-4.1e-5	0	%100
93	M85A	X	-.533	-.533	0	%100
94	M85A	Z	-.923	-.923	0	%100
95	M86A	X	-.533	-.533	0	%100
96	M86A	Z	-.923	-.923	0	%100
97	M101A	X	-.533	-.533	0	%100
98	M101A	Z	-.923	-.923	0	%100
99	M102	X	-.54	-.54	0	%100
100	M102	Z	-.935	-.935	0	%100
101	M103	X	-.54	-.54	0	%100
102	M103	Z	-.935	-.935	0	%100
103	M104	X	-2.4e-5	-2.4e-5	0	%100
104	M104	Z	-4.1e-5	-4.1e-5	0	%100
105	M32	X	-.442	-.442	0	%100
106	M32	Z	-.766	-.766	0	%100
107	M110	X	-.442	-.442	0	%100
108	M110	Z	-.766	-.766	0	%100
109	M71	X	0	0	0	%100
110	M71	Z	0	0	0	%100
111	M72	X	0	0	0	%100
112	M72	Z	0	0	0	%100
113	M89A	X	-.442	-.442	0	%100
114	M89A	Z	-.766	-.766	0	%100
115	M90	X	-.442	-.442	0	%100
116	M90	Z	-.766	-.766	0	%100
117	M16	X	-.536	-.536	0	%100
118	M16	Z	-.929	-.929	0	%100
119	M87A	X	0	0	0	%100
120	M87A	Z	0	0	0	%100
121	M105	X	-.536	-.536	0	%100
122	M105	Z	-.929	-.929	0	%100

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	Y	-1.089	-5.08	0	2.131
2	M31	Y	-5.08	-9.071	2.131	4.263

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
3	M33	Y	-3.554	-2.683	.505	2.525
4	M33	Y	-2.683	-1.811	2.525	4.545
5	M34	Y	-3.554	-2.683	.505	2.525
6	M34	Y	-2.683	-1.811	2.525	4.545
7	M32	Y	-3.98	-3.98	.839	2.69
8	M110	Y	-3.98	-3.98	.476	2.326
9	M104B	Y	-1.089	-5.08	0	2.131
10	M104B	Y	-5.08	-9.071	2.131	4.263
11	M81	Y	-3.554	-2.683	.505	2.525
12	M81	Y	-2.683	-1.811	2.525	4.545
13	M82A	Y	-3.554	-2.683	.505	2.525
14	M82A	Y	-2.683	-1.811	2.525	4.545
15	M71	Y	-3.98	-3.98	.839	2.69
16	M72	Y	-3.98	-3.98	.476	2.326
17	M105B	Y	-1.089	-5.08	0	2.131
18	M105B	Y	-5.08	-9.071	2.131	4.263
19	M99A	Y	-3.554	-2.683	.505	2.525
20	M99A	Y	-2.683	-1.811	2.525	4.545
21	M100A	Y	-3.554	-2.683	.505	2.525
22	M100A	Y	-2.683	-1.811	2.525	4.545
23	M89A	Y	-3.98	-3.98	.839	2.69
24	M90	Y	-3.98	-3.98	.476	2.326

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

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	Y	-2.046	-9.546	0	2.131
2	M31	Y	-9.546	-17.046	2.131	4.263
3	M33	Y	-6.679	-5.041	.505	2.525
4	M33	Y	-5.041	-3.403	2.525	4.545
5	M34	Y	-6.679	-5.041	.505	2.525
6	M34	Y	-5.041	-3.403	2.525	4.545
7	M32	Y	-7.48	-7.48	.839	2.69
8	M110	Y	-7.48	-7.48	.476	2.326
9	M104B	Y	-2.046	-9.546	0	2.131
10	M104B	Y	-9.546	-17.046	2.131	4.263
11	M81	Y	-6.679	-5.041	.505	2.525
12	M81	Y	-5.041	-3.403	2.525	4.545
13	M82A	Y	-6.679	-5.041	.505	2.525
14	M82A	Y	-5.041	-3.403	2.525	4.545
15	M71	Y	-7.48	-7.48	.839	2.69
16	M72	Y	-7.48	-7.48	.476	2.326
17	M105B	Y	-2.046	-9.546	0	2.131
18	M105B	Y	-9.546	-17.046	2.131	4.263
19	M99A	Y	-6.679	-5.041	.505	2.525
20	M99A	Y	-5.041	-3.403	2.525	4.545
21	M100A	Y	-6.679	-5.041	.505	2.525
22	M100A	Y	-5.041	-3.403	2.525	4.545
23	M89A	Y	-7.48	-7.48	.839	2.69
24	M90	Y	-7.48	-7.48	.476	2.326

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	Y	-.047	-.219	0	2.131
2	M31	Y	-.219	-.391	2.131	4.263
3	M33	Y	-.153	-.116	.505	2.525
4	M33	Y	-.116	-.078	2.525	4.545
5	M34	Y	-.153	-.116	.505	2.525
6	M34	Y	-.116	-.078	2.525	4.545
7	M32	Y	-.171	-.171	.839	2.69
8	M110	Y	-.171	-.171	.476	2.326
9	M104B	Y	-.047	-.219	0	2.131
10	M104B	Y	-.219	-.391	2.131	4.263
11	M81	Y	-.153	-.116	.505	2.525
12	M81	Y	-.116	-.078	2.525	4.545
13	M82A	Y	-.153	-.116	.505	2.525
14	M82A	Y	-.116	-.078	2.525	4.545
15	M71	Y	-.171	-.171	.839	2.69
16	M72	Y	-.171	-.171	.476	2.326
17	M105B	Y	-.047	-.219	0	2.131
18	M105B	Y	-.219	-.391	2.131	4.263
19	M99A	Y	-.153	-.116	.505	2.525
20	M99A	Y	-.116	-.078	2.525	4.545
21	M100A	Y	-.153	-.116	.505	2.525
22	M100A	Y	-.116	-.078	2.525	4.545
23	M89A	Y	-.171	-.171	.839	2.69
24	M90	Y	-.171	-.171	.476	2.326

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	Z	-.117	-.547	0	2.131
2	M31	Z	-.547	-.977	2.131	4.263
3	M33	Z	-.383	-.289	.505	2.525
4	M33	Z	-.289	-.195	2.525	4.545
5	M34	Z	-.383	-.289	.505	2.525
6	M34	Z	-.289	-.195	2.525	4.545
7	M32	Z	-.429	-.429	.839	2.69
8	M110	Z	-.429	-.429	.476	2.326
9	M104B	Z	-.117	-.547	0	2.131
10	M104B	Z	-.547	-.977	2.131	4.263
11	M81	Z	-.383	-.289	.505	2.525
12	M81	Z	-.289	-.195	2.525	4.545
13	M82A	Z	-.383	-.289	.505	2.525
14	M82A	Z	-.289	-.195	2.525	4.545
15	M71	Z	-.429	-.429	.839	2.69
16	M72	Z	-.429	-.429	.476	2.326
17	M105B	Z	-.117	-.547	0	2.131
18	M105B	Z	-.547	-.977	2.131	4.263
19	M99A	Z	-.383	-.289	.505	2.525
20	M99A	Z	-.289	-.195	2.525	4.545
21	M100A	Z	-.383	-.289	.505	2.525
22	M100A	Z	-.289	-.195	2.525	4.545
23	M89A	Z	-.429	-.429	.839	2.69
24	M90	Z	-.429	-.429	.476	2.326

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M31	X	.117	.547	0	2.131
2	M31	X	.547	.977	2.131	4.263
3	M33	X	.383	.289	.505	2.525
4	M33	X	.289	.195	2.525	4.545
5	M34	X	.383	.289	.505	2.525
6	M34	X	.289	.195	2.525	4.545
7	M32	X	.429	.429	.839	2.69
8	M110	X	.429	.429	.476	2.326
9	M104B	X	.117	.547	0	2.131
10	M104B	X	.547	.977	2.131	4.263
11	M81	X	.383	.289	.505	2.525
12	M81	X	.289	.195	2.525	4.545
13	M82A	X	.383	.289	.505	2.525
14	M82A	X	.289	.195	2.525	4.545
15	M71	X	.429	.429	.839	2.69
16	M72	X	.429	.429	.476	2.326
17	M105B	X	.117	.547	0	2.131
18	M105B	X	.547	.977	2.131	4.263
19	M99A	X	.383	.289	.505	2.525
20	M99A	X	.289	.195	2.525	4.545
21	M100A	X	.383	.289	.505	2.525
22	M100A	X	.289	.195	2.525	4.545
23	M89A	X	.429	.429	.839	2.69
24	M90	X	.429	.429	.476	2.326

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N54	N55	N56		Y	Two Way	-.005
2	N146B	N147B	N148B		Y	Two Way	-.005
3	N178A	N179A	N180A		Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N54	N55	N56		Y	Two Way	-.01
2	N146B	N147B	N148B		Y	Two Way	-.01
3	N178A	N179A	N180A		Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N54	N55	N56		Y	Two Way	-.000224
2	N146B	N147B	N148B		Y	Two Way	-.000224
3	N178A	N179A	N180A		Y	Two Way	-.000224

Member Area Loads (BLC 85 : Structure Eh (0 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N54	N55	N56		Z	Two Way	-.00056
2	N146B	N147B	N148B		Z	Two Way	-.00056
3	N178A	N179A	N180A		Z	Two Way	-.00056

Member Area Loads (BLC 86 : Structure Eh (90 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N54	N55	N56		X	Two Way	.00056
2	N146B	N147B	N148B		X	Two Way	.00056
3	N178A	N179A	N180A		X	Two Way	.00056

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	N51	max	1686.105	10	1020.264	20	7806.046	1	.983	21	2.339	4	.383	1
2		min	-1683.529	4	-141.644	1	-4992.758	7	-.059	3	-2.35	10	-.488	7
3	N204A	max	5990.349	9	771.891	17	2232.927	3	.401	8	2.071	12	.237	12
4		min	-3582.397	3	-13.426	11	-3628.251	9	-.83	2	-2.081	6	-.801	6
5	N206	max	3723.446	11	791.758	1	2012.469	11	.466	8	2.057	8	.877	12
6		min	-6133.916	5	-92.298	7	-3400.73	5	-.735	2	-2.068	2	-.211	6
7	N210	max	53.913	10	2700.449	1	2494.091	7	0	75	.002	4	.004	10
8		min	-51.706	4	-1201.343	7	-5419.168	1	0	1	-.002	10	-.004	4
9	N211	max	1808.051	3	2486.531	9	2491	9	.004	6	.002	12	.003	12
10		min	-4315.286	9	-1001.569	3	-1044.111	3	-.004	12	-.002	6	-.002	6
11	N212	max	4320.404	5	2489.791	5	2495.44	5	.004	8	.003	8	.003	8
12		min	-1815.505	11	-1005.624	11	-1047.69	11	-.004	2	-.002	2	-.002	2
13	Totals:	max	5127.992	10	6725.908	16	5243.041	1						
14		min	-5127.991	4	2392.284	73	-5243.043	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	She..	Lo.....		LC	phi*...	phi*...	phi*...	phi*...	...	Eqn
1	M31	PIPE_...	.441	6.09	10	.290	4....		5	5346..	65205	5.749	5.749	...	H1-...
2	M104B	PIPE_...	.391	6.09	6	.182	.951		11	5346..	65205	5.749	5.749	...	H1-...
3	M105B	PIPE_...	.395	6.09	2	.183	.951		7	5346..	65205	5.749	5.749	...	H1-...
4	M15	PL3/8x6	.051	.334	1	.194	.334	y	12	6781..	72900	.57	9.113	...	H1-...
5	M17	PL3/8x6	.065	.167	1	.296	0	y	2	6781..	72900	.57	9.113	...	H1-...
6	M79	PL3/8x6	.052	.334	9	.195	.334	y	8	6781..	72900	.57	9.113	...	H1-...
7	M80	PL3/8x6	.065	.167	9	.295	0	y	10	6781..	72900	.57	9.113	...	H1-...
8	M97B	PL3/8x6	.051	.334	5	.194	.334	y	4	6781..	72900	.57	9.113	...	H1-...
9	M98B	PL3/8x6	.065	.167	5	.296	0	y	6	6781..	72900	.57	9.113	...	H1-...
10	MP4A	PIPE_...	.479	6.563	10	.070	6....		12	1785..	32130	1.872	1.872	...	H1-...
11	MP3A	PIPE_...	.815	6.563	10	.203	6....		3	1785..	32130	1.872	1.872	...	H1-...
12	MP2A	PIPE_...	.814	6.563	4	.164	2....		4	1785..	32130	1.872	1.872	...	H1-...
13	MP1A	PIPE_...	.808	6.563	4	.154	3....		2	1785..	32130	1.872	1.872	...	H1-...
14	MP4C	PIPE_...	.480	6.563	6	.069	6....		8	1785..	32130	1.872	1.872	...	H1-...
15	MP3C	PIPE_...	.816	6.563	6	.203	6....		5	1785..	32130	1.872	1.872	...	H1-...
16	MP2C	PIPE_...	.813	6.563	12	.165	2....		12	1785..	32130	1.872	1.872	...	H1-...
17	MP1C	PIPE_...	.809	6.563	12	.154	3....		10	1785..	32130	1.872	1.872	...	H1-...
18	MP4B	PIPE_...	.481	6.563	2	.069	6....		4	1785..	32130	1.872	1.872	...	H1-...
19	MP3B	PIPE_...	.817	6.563	2	.203	6....		7	1785..	32130	1.872	1.872	...	H1-...
20	MP2B	PIPE_...	.813	6.562	8	.165	2....		8	1785..	32130	1.872	1.872	...	H1-...
21	MP1B	PIPE_...	.811	6.563	8	.153	3....		7	1785..	32130	1.872	1.872	...	H1-...
22	OVP	PIPE_...	.848	4.479	12	.046	4....		12	2380..	32130	1.872	1.872	...	H1-...
23	M103A	L3X3X4	.720	3.397	5	.047	0	y	4	3612..	46656	1.688	3.756	...	H2-1
24	M104A	L3X3X4	.720	3.397	1	.049	3....	y	1	3612..	46656	1.688	3.756	...	H2-1
25	M105A	L3X3X4	.718	3.397	9	.049	3....	y	9	3612..	46656	1.688	3.756	...	H2-1
26	M61	PIPE_...	.420	11.497	10	.125	3....		8	1107..	50715	3.596	3.596	...	H1-...

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

	Member	Shape	Code Check	Loc[ft]	LC	She..	Lo....		LC	phi*...	phi*...	phi*...	phi*...	...	Eqn
27	M71A	PIPE_...	.420	11.497	6	.124	3....		4	1107..	50715	3.596	3.596	...	H1-...
28	M87	PIPE_...	.420	11.497	2	.126	3....		12	1107..	50715	3.596	3.596	...	H1-...
29	M108	LL3x3x...	.086	0	1	.012	5.67	z	4	7014..	93312	6.48	4.897	1	H1-...
30	M109	LL3x3x...	.079	0	9	.013	5.67	z	12	7014..	93312	6.48	4.897	1	H1-...
31	M110A	LL3x3x...	.080	0	5	.014	5.67	z	8	7014..	93312	6.48	4.897	1	H1-...
32	M33	L2x2x3	.218	2.525	12	.012	0	y	9	6722..	2339...	.558	1.021	...	H2-1
33	M34	L2x2x3	.216	2.525	2	.010	0	z	16	6722..	2339...	.558	1.021	...	H2-1
34	M81	L2x2x3	.220	2.525	8	.013	0	z	6	6722..	2339...	.558	1.021	...	H2-1
35	M82A	L2x2x3	.218	2.525	10	.010	0	z	24	6722..	2339...	.558	1.021	...	H2-1
36	M99A	L2x2x3	.221	2.525	4	.013	5.05	z	2	6722..	2339...	.558	1.021	...	H2-1
37	M100A	L2x2x3	.217	2.525	6	.010	0	z	20	6722..	2339...	.558	1.021	...	H2-1
38	M7	PIPE_...	.329	1.045	10	.100	1....		8	1107..	50715	3.596	3.596	...	H1-...
39	M86	PIPE_...	.330	1.045	6	.100	1....		4	1107..	50715	3.596	3.596	...	H1-...
40	M102A	PIPE_...	.331	1.045	2	.100	1....		12	1107..	50715	3.596	3.596	...	H1-...
41	M36	PL3/8x6	.366	.198	7	.111	.198	y	11	6584..	72900	.57	9.113	...	H1-...
42	M40	PL3/8x6	.361	.198	6	.103	.198	y	21	6584..	72900	.57	9.113	...	H1-...
43	M35	PL3/8x6	.193	.143	7	.114	.287	y	11	6912..	72900	.57	9.113	...	H1-...
44	M39	PL3/8x6	.165	.143	7	.096	.287	y	21	6912..	72900	.57	9.113	...	H1-...
45	M83A	PL3/8x6	.368	.198	3	.106	.198	y	8	6584..	72900	.57	9.113	...	H1-...
46	M84A	PL3/8x6	.362	.198	2	.117	.198	y	30	6584..	72900	.57	9.113	...	H1-...
47	M85A	PL3/8x6	.194	.143	9	.107	.287	y	20	6912..	72900	.57	9.113	...	H1-...
48	M86A	PL3/8x6	.164	.143	3	.102	.287	y	18	6912..	72900	.57	9.113	...	H1-...
49	M101A	PL3/8x6	.367	.198	11	.110	.198	y	40	6584..	72900	.57	9.113	...	H1-...
50	M102	PL3/8x6	.363	.198	10	.110	.198	y	14	6584..	72900	.57	9.113	...	H1-...
51	M103	PL3/8x6	.192	.143	5	.107	.287	y	15	6912..	72900	.57	9.113	...	H1-...
52	M104	PL3/8x6	.166	.143	11	.103	.287	y	14	6912..	72900	.57	9.113	...	H1-...
53	M32	C4X7.25	.323	.593	6	.039	.593	z	6	4716..	69012	1.456	7.668	...	H1-...
54	M110	C4X7.25	.319	2.572	7	.048	2....	z	7	4716..	69012	1.456	7.668	...	H1-...
55	M71	C4X7.25	.316	.593	2	.040	.593	z	9	4716..	69012	1.456	7.668	...	H1-...
56	M72	C4X7.25	.327	2.572	9	.051	2....	z	3	4716..	69012	1.456	7.668	...	H1-...
57	M89A	C4X7.25	.316	.593	10	.040	.593	z	5	4716..	69012	1.456	7.668	...	H1-...
58	M90	C4X7.25	.327	2.572	5	.050	2....	z	11	4716..	69012	1.456	7.668	...	H1-...
59	M16	PL3/8x6	.341	.609	1	.297	.609	y	2	2786..	72900	.57	9.113	...	H1-...
60	M87A	PL3/8x6	.341	.609	9	.305	.609	y	10	2786..	72900	.57	9.113	...	H1-...
61	M105	PL3/8x6	.342	.609	5	.305	.609	y	6	2786..	72900	.57	9.113	...	H1-...

VzW SMART Tool© Vendor

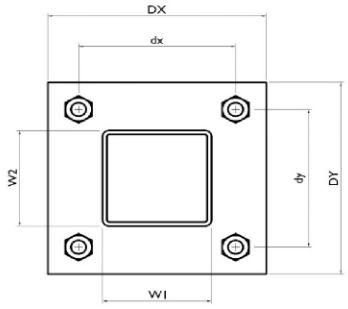
Client:	Verizon Wireless	Date:	4/25/2022
Site Name:	Old Saybrook 2 CT		
PSLC #:	467406		
Fuze ID #:	16272126	Page:	1

Version 1.0

I. Mount-to-Tower Connection Check

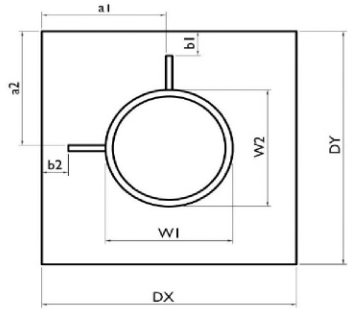
Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel

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 / bolt (kips):	3.3
Required Shear Strength / bolt (kips):	0.4
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**15.7%**



Tower Connection Baseplate Checks	Yes

Connecting Standoff Member Shape:	Pipe
Weld Stiffener Configuration:	Has Stiffeners
Plate Width, D_x (in):	9.5
Plate Height, D_y (in):	9.5
W1 = Diameter (in):	3.5
W2 = N/A:	
Member Thickness (in):	0.201
Stiffener location a_1 (in):	4.75
Stiffener location b_1 (in):	0.25
Stiffener location a_2 (in):	4.75
Stiffener location b_2 (in):	0.25
F_y (ksi, plate):	36
Plate Thickness (in):	0.5
Length of Yield Line, L_y (in):	7.07
Bolt Eccentricity, e (in):	1.77
M_u (kip-in):	5.76
Phi*M_n (kip-in):	14.32
Plate Bending Utilization:	**40.2%**



Client:	Verizon Wireless	Date:	4/25/2022
Site Name:	Old Saybrook 2 CT		
PSLC #:	467406		
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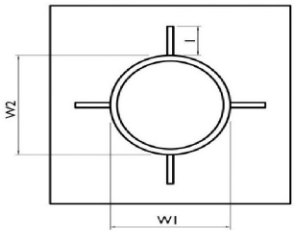
Version 1.0

Tower Connection Weld Checks	Yes
Weld Shape:	Circle
Weld Stiffener Configuration:	(1) Stiffener on 4 faces
Siffner Notch Present?	No
Stiffener length, l (in):	2.875
Stiffener Spacing/Width, s (in):	
Weld Size (1/16 in):	4
W1 = Diameter (in):	3.5
W2 = Diameter (in):	3.5
Weld Total Length (in):	34.00
Z_x (in^3/in):	36.60
Z_y (in^3/in):	36.60
J_p (in^4/in):	283.20
c_x (in)	4.625
c_y (in)	4.625
Required combined strength (kip/in):	0.75
Weld Capacity (kip/in):	5.57
Weld Utilization:	**13.5%**



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MOUNT MODIFICATION DRAWINGS
EXISTING 14.33' PLATFORM

TOWER OWNER: OCTAGON TOWERS
TOWER OWNER SITE NUMBER: CT-1263

CARRIER SITE NAME: OLD SAYBROOK 2 CT
CARRIER SITE NUMBER: 467406
FUZE ID: 16272126

1363 BOSTON POST RD
OLD SAYBROOK, CT 06475
MIDDLESEX COUNTY

LATITUDE: 41.289778° N
LONGITUDE: 72.405944° W

DESIGN CRITERIA

WIND LOADS

BASIC WIND SPEED (3 SECOND GUST), V = 125 MPH
EXPOSURE CATEGORY C
TOPOGRAPHIC CATEGORY 1
MEAN BASE ELEVATION (AMSL) = 8.16'

ICE LOADS

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

SEISMIC LOADS

SEISMIC DESIGN CATEGORY B
SHORT TERM MCER GROUND MOTION, S_S = .202
LONG TERM MCER GROUND MOTION, S_1 = .053

PROJECT INFORMATION

APPLICANT/LESSEE

COMPANY: VERIZON WIRELESS

CLIENT REPRESENTATIVE

COMPANY: VERIZON WIRELESS

PROJECT MANAGER

COMPANY: COLLIERS ENGINEERING & DESIGN
CONTACT: PETER ALBANO
PHONE: 856.797.0412
E-MAIL: PETER.ALBANO@COLLIERSENGINEERING.COM

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #: 10144894
VZW LOCATION CODE (PSLC): 467406
ANALYSIS DATE: 7/29/2022

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX

SHEET	DESCRIPTION
ST-1	TITLE SHEET
SBOM-1	BILL OF MATERIALS
SGN-1	GENERAL NOTES
SCF-1	CLIMBING FACILITY DETAIL
SS-1	MODIFICATION DETAILS
SS-2	GEOMETRY VERIFICATION SKETCHES
SS-3	MOUNT PHOTOS
	SPECIFICATION SHEETS

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SCALE:	JOB NUMBER:
AS SHOWN	21777624A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
1	07/29/22	ISSUED FOR CONSTRUCTION	SEA	PA
0	06/27/22	ISSUED FOR CONSTRUCTION	SEA	DX

STATE OF CONNECTICUT · PETER M. ALBANO · 35459 · REGISTERED PROFESSIONAL ENGINEER

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CT C.O.A. #PEC.0001134

SITE NAME:
OLD SAYBROOK 2 CT
467406
1363 BOSTON POST RD
OLD SAYBROOK, CT 06475
MIDDLESEX COUNTY

Colliers Engineering & Design
STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 203.324.0800
COLLIERSENGINEERING.COM (CT, P.C.)
DOING BUSINESS AS MASER CONSULTING

SHEET TITLE: TITLE SHEET
SHEET NUMBER: ST-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

BILL OF MATERIALS

SECTION 1 - VZWSMART KITS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
1	VZWSMART	VZWSMART-PLK5	KICKER KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	291	291
1		VZWSMART-PLK7	MONOPOLE COLLAR MOUNT ASSEMBLY		150	150
3		VZWSMART-PLK3	SUPPORT RAIL CORNER BRACKET		30	90
12		VZWSMART-MSK1	CROSSOVER PLATE		14	168

SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
3	-	-	172" LONG, P2 1/2 STD	GALVANIZED	83	249
3	-	-	48" LONG, L3x3x1/4	GALVANIZED. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	20	59
				TOTAL:		1007

NOTES:

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

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

VZWSMART KITS - APPROVED VENDORS

NEWAVE	
CONTACT	NEWAVE SALES TEAM
PHONE	(971) 239-4762
EMAIL	SALES@NEWAVETC.COM
WEBSITE	WWW.NEWAVETC.COM
BETTER METAL, LLC	
CONTACT	DAVID STANSBERRY
PHONE	(615) 535-0990 (O), (615) 631-2520 (M)
EMAIL	DLS@BETTERMETAL.COM
WEBSITE	WWW.BETTERMETAL.COM

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1055 Washington Boulevard
Stamford, CT 06901
Phone: 203.324.8000
COLLIERSENGINEERING & DESIGN CT, P.C.
DOING BUSINESS AS MASER CONSULTING

SHEET TITLE:
BILL OF MATERIALS

SHEET NUMBER:
SBOM-1

PROJECT NOTES

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

GENERAL NOTES

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

STRUCTURAL STEEL

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

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

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

WELDING NOTES

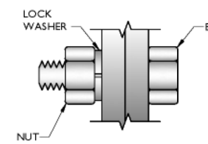
1. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.0 (LATEST EDITION). THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCEPTANCE OR REJECTION OF ALL WELDING OPERATIONS, PRE, DURING, AND POST INSTALLATION, USING THE ACCEPTANCE CRITERIA OF AWS D1.1.
2. CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING A THIRD PARTY CERTIFIED WELD INSPECTOR (CWI) THROUGHOUT THE ENTIRETY OF THE PROJECT. A PASSING CWI REPORT SHALL BE PROVIDED TO THE ENGINEER UPON COMPLETION OF THE PROJECT.
3. THE CERTIFIED WELD INSPECTOR SHALL INDICATE, IN A WRITTEN CWI REPORT, THAT ALL WELDING OPERATIONS PRE, DURING, AND POST INSTALLATION WERE CONDUCTED IN ACCORDANCE WITH AWS D1.1 WITH PHOTOGRAPHS AND DOCUMENTATION SUPPORTING THE ACCEPTANCE OR REJECTION OF ALL WELDING. ALL CWI WELD INSPECTION DOCUMENTATION AND PHOTOS SHALL BE SUBMITTED DURING THE PMI.
4. IN CASES WHERE A WELD IS SPECIFIED BETWEEN TWO MEMBERS IN WHICH THERE IS A GAP IN BETWEEN, THE WELD IS TO BE BUILT-UP SUCH THAT THE SIZE OF WELD ON THE MEMBER IS EQUAL TO THAT SHOWN IN THE DRAWINGS.
5. OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING IS PERMITTED ON SITE. ALL HOLES SHALL BE CUT WITH A GRINDER.
6. CONTRACTOR SHALL EXERCISE CAUTION WHEN WELDING A GALVANIZED SURFACE.
7. CONTRACTOR SHALL HAVE A FIRE PROTECTION PLAN IN PLACE THAT CONFORMS WITH ALL OSHA, ANSI/ASSP A10.48, ANSI Z49.1, AND LOCAL JURISDICTIONAL REQUIREMENTS.

BOLT SCHEDULE (IN.)

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

WORKABLE GAGES (IN.)

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

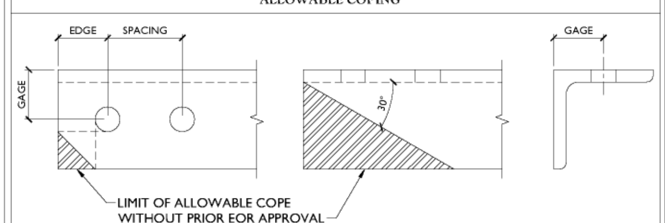


TYP. BOLT ASSEMBLY

NOTES:

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

ALLOWABLE COPING



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STATE OF CONNECTICUT PETER M. ALBANO 35459 LICENSED PROFESSIONAL ENGINEER

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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.

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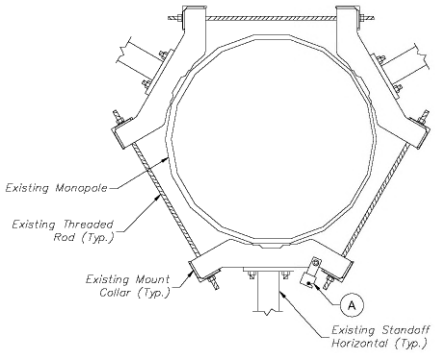
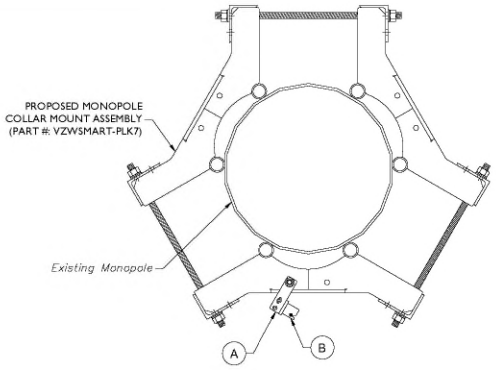
SHEET TITLE: GENERAL NOTES

SHEET NUMBER: SGN-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



ITEM #	QTY	PART NUMBER	DESCRIPTIONS
A	1	H42-0501-06	WIRE ROPE GUIDE (PERFECT VISION OR EQUIV)

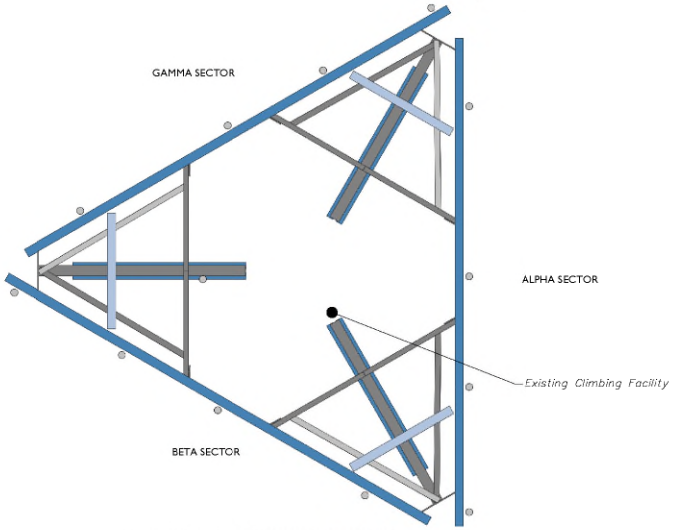


ITEM #	QTY	PART NUMBER	DESCRIPTIONS
A	1	H42-0501-06	WIRE ROPE GUIDE (PERFECT VISION OR EQUIV)
B	1	PV-CMX-CG-BO	WIRE ROPE GUIDE (PERFECT VISION OR EQUIV)

2 PROPOSED WIRE ROPE GUIDE ATTACHMENT - PLAN VIEW

SCALE : N.T.S.

NOTE: CONTRACTOR SHALL ENSURE THAT WIRE ROPE GUIDE DOES NOT PUSH THE WIRE ROPE OUTSIDE OF THE VERTICAL PLANE OF THE SAFETY CLIMB. CONTRACT EOR WITH PHOTOS OF SAFETY CLIMB AND COLLAR FOR FURTHER DIRECTION IF NEEDED.



1 CLIMBING FACILITY LOCATION

SCALE : N.T.S.

STRUCTURAL NOTES:

1. CONTRACTOR TO INSPECT CLIMBING FACILITIES AT SITE AND ENSURE THAT THE SAFETY CLIMB IS IN GOOD CONDITION AND THAT THE WIRE ROPE DOES NOT OR WILL NOT INTERFERE WITH THE EXISTING OR PROPOSED MOUNT CONNECTIONS. CONTRACTOR SHALL INSTALL SAFETY CLIMB WIRE ROPE GUIDED AROUND MOUNT CONNECTIONS AS NEEDED.

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.

CLIMBING FACILITY PHOTO

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SHEET TITLE: CLIMBING FACILITY DETAIL

SHEET NUMBER: SCF-1

LEGEND:

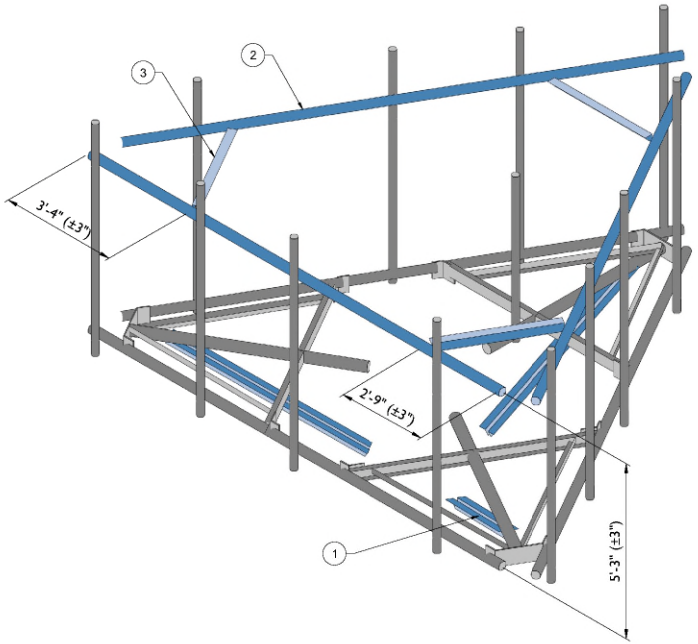
- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE

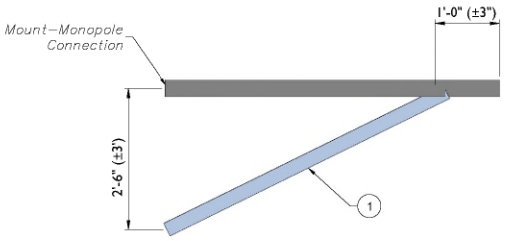
NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	81'-00"	1	PROPOSED KICKER KIT (PART #: VZWSMART-PLK5)	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. CONNECT OTHER END OF KICKER KIT TO MONOPOLE COLLAR MOUNT ASSEMBLY (PART #: VZWSMART-PLK7).
2		3	172" LONG, P2 1/2 STD SUPPORT RAIL	GALVANIZED. 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. CONNECT NEW SUPPORT RAIL TO ALL EXISTING VERTICAL MOUNT PIPES WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1).
3		3	48" LONG, L3x3x1/4 SUPPORT RAIL BRACING WITH SUPPORT RAIL CORNER BRACKET (PART #: VZWSMART-PLK3)	GLAVANIZED. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. CONNECT VZWSMART-PLK3 KIT TO NEW SUPPORT RAIL USING (2) 5/8" DIA. BOLT AT EACH CONNECTION. CONNECT VZWSMART-PLK3 KIT TO NEW SUPPORT RAIL BRACING ANGLE USING (2) 5/8" DIA. BOLT AT EACH CONNECTION.

NOTES.

MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
THREADED ROD FROM PROPOSED KITS SHALL BE TRIMMED TO EXTEND NO MORE THAN 3" BEYOND THE LOCK NUT. TREAT ALL CUT ENDS WITH (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC KOTE).
EXISTING SUPPORT RAIL TO BE REMOVED.



1 PROPOSED ISOMETRIC VIEW
SCALE : N.T.S.



2 PROPOSED SIDE ELEVATION VIEW (TYP. ALL SECTORS)
SCALE : N.T.S.

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SHEET TITLE: MODIFICATION DETAILS

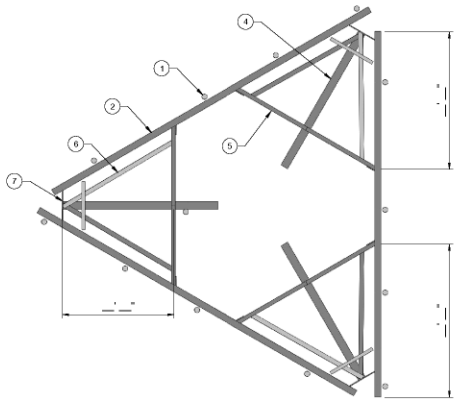
SHEET NUMBER: SS-1

EXISTING MEMBERS				
NO.	DESCRIPTION	LENGTH	SHAPE	NOTES
1.	MOUNT PIPE			TYP. OF 12, 4 PER SECTOR
2.	FACE HORIZONTAL			TYP. OF 3, 1 PER SECTOR
3.	SUPPORT RAIL			TYP. OF 3, 1 PER SECTOR
4.	STANDOFF HORIZONTAL			TYP. OF 3, 1 PER SECTOR
5.	CROSS BRACING			TYP. OF 6, 2 PER SECTOR
6.	GRATING SUPPORT			TYP. OF 6, 2 PER SECTOR
7.	CORNER PLATE			TYP. OF 3, 1 PER SECTOR

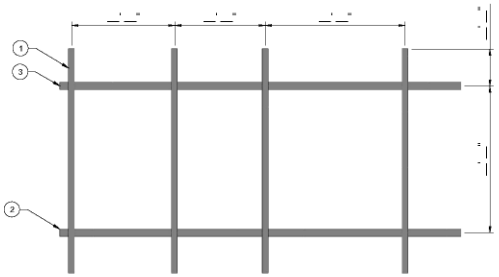
LIST ALL SHAPES:
ANGLE (LEG1xLEG2xTH.): EX. L2x2x1/4
CHANNEL (DEPTHxFLANGE WIDTH): EX. CH6"x1-7/8"
PIPE (ODxTH.): EX. PIPE 2.4"x0.12"
PLATE (TH.xDEPTH): EX. PLATE 1/2"x2"

NOTE:

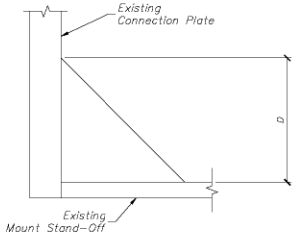
CONTRACTOR SHALL RECORD ALL DIMENSIONS AND MEMBER SIZES SHOWN IN THIS SKETCH. DOCUMENT VIA PHOTOS AND SKETCHES AND PROVIDE TO THE EOR FOR EVALUATION.



1 EXISTING MOUNT GEOMETRY VERIFICATION PLAN VIEW
SCALE : N.T.S.



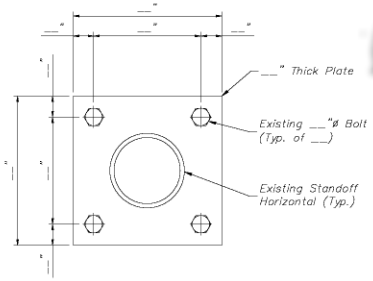
2 EXISTING MOUNT GEOMETRY VERIFICATION FRONT ELEVATION VIEW
SCALE : N.T.S.



WELD MEASUREMENT NOTE:

CONTRACTOR SHALL MEASURE WELD SIZE 'D' AS SHOWN IN THIS DETAIL.

4 WELD MEASUREMENT DETAIL
SCALE : N.T.S.



NOTE:

REFER TO WELD MEASUREMENT DETAIL FOR DIRECTIONS ON OBTAINING WELD MEASUREMENTS.

3 MOUNT CONNECTION DETAIL
SCALE : N.T.S.

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SHEET TITLE:
GEOMETRY VERIFICATION SKETCHES

SHEET NUMBER:
SS-2

MOUNT PHOTO 1

MOUNT PHOTO 2

MOUNT PHOTO 3

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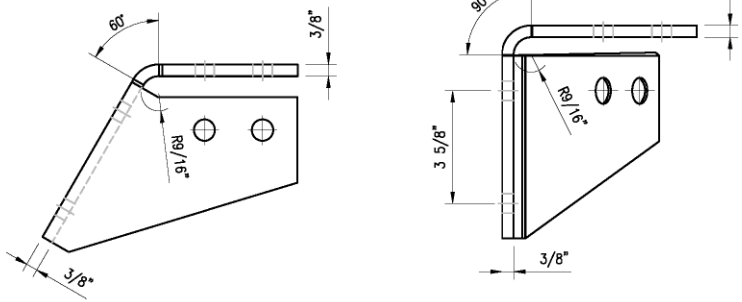
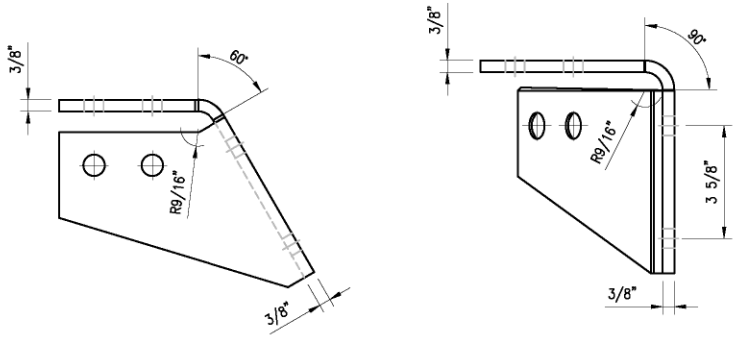
SHEET TITLE:
MOUNT PHOTOS

SHEET NUMBER:
SS-3



CBP–L



CBP–R

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

VZWSMART–PLK3 (SUPPORT RAIL CORNER BRACKET)

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

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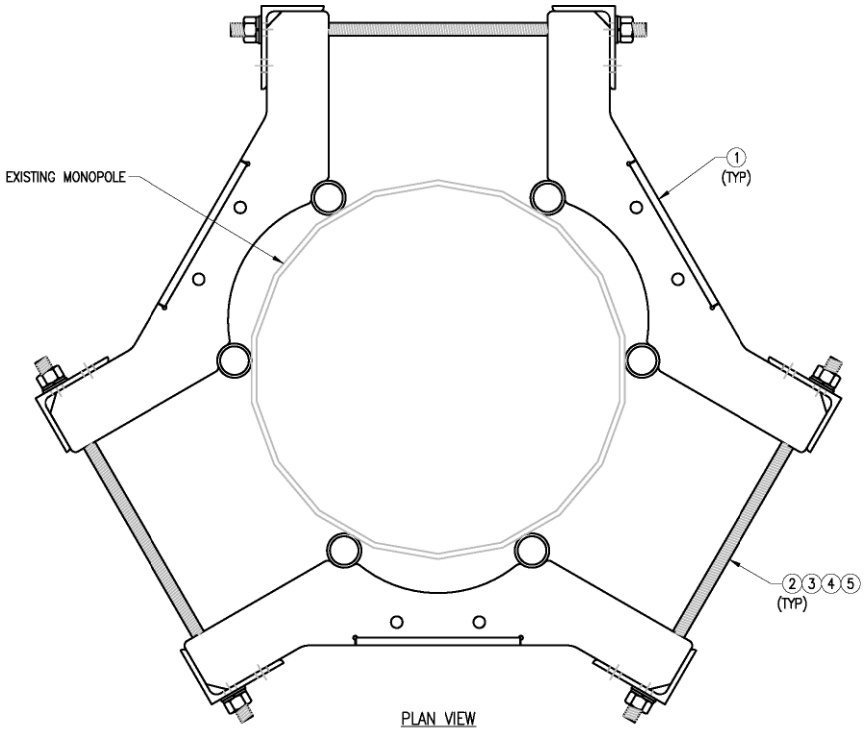
DRAWN BY: H.R | CHECKED BY: HMA

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

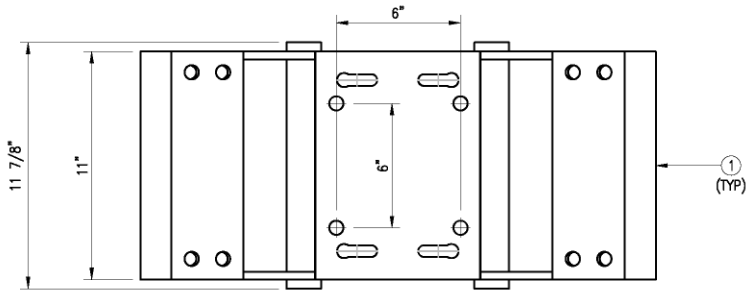
SHEET TITLE:
VZWSMART–PLK3
SUPPORT RAIL CORNER BRACKET

SHEET NUMBER: VZWSMART–PLK3

REV #: 0



PLAN VIEW
MONOPOLE COLLAR MOUNT ASSEMBLY



FRONT VIEW

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

VZWSMART-PLK7 (MONOPOLE COLLAR MOUNT ASSEMBLY)

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

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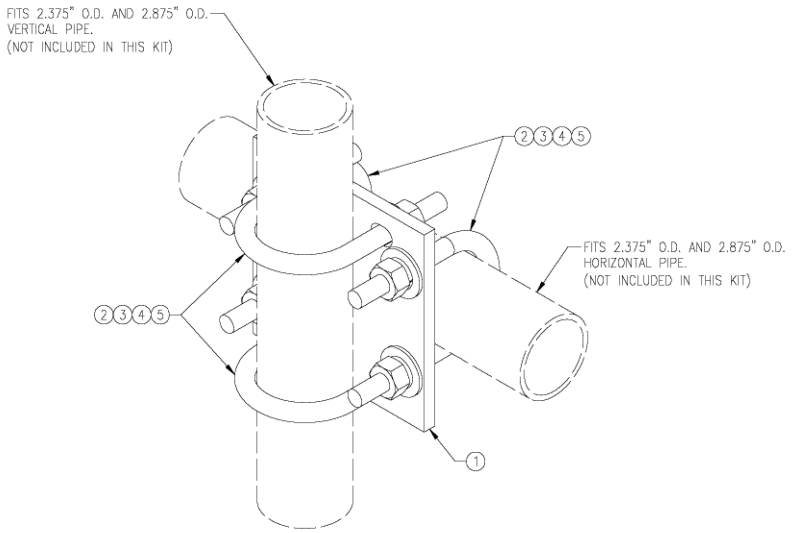
DRAWN BY: BT | CHECKED BY: HMA/KW

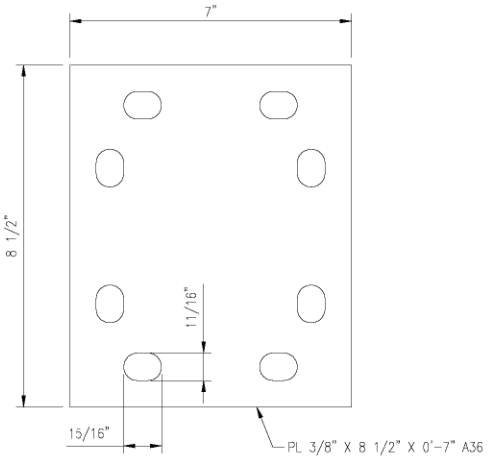
REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	BT	05/11/20

SHEET TITLE:
VZWSMART-PLK7
MONOPOLE COLLAR
MOUNT ASSEMBLY

SHEET NUMBER: VZWSMART-PLK7

REV #: 0





PL375-857

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

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

DRAWN BY: H.R	CHECKED BY: HMA

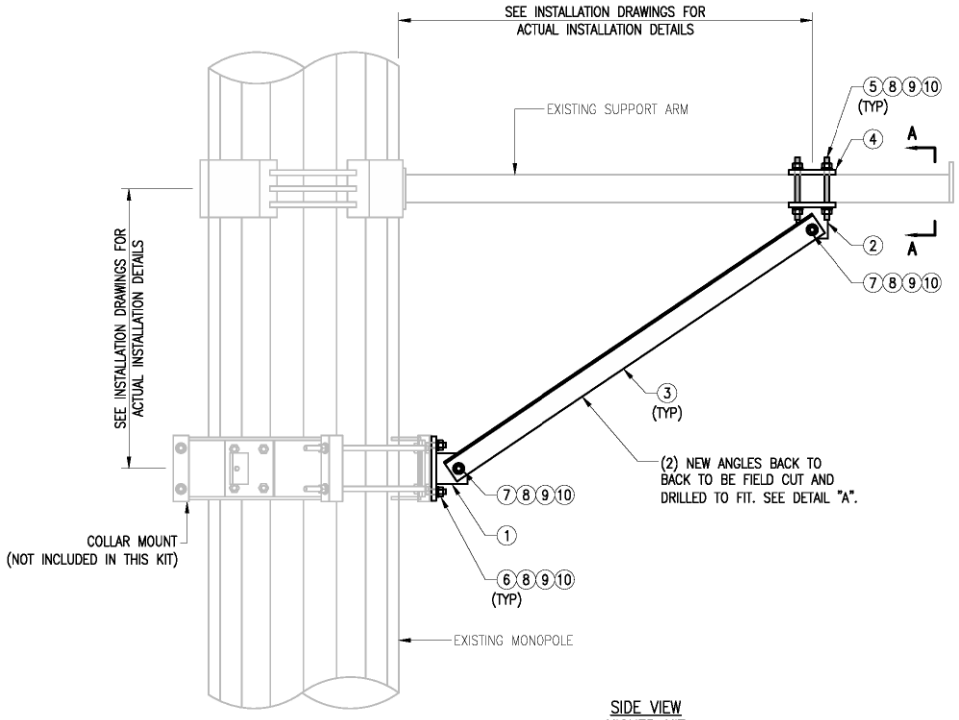
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

SHEET TITLE:

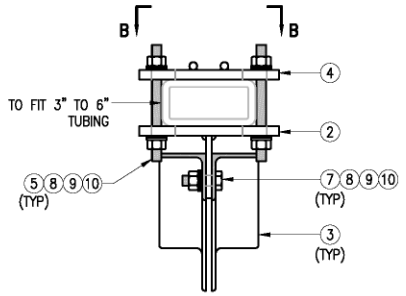
VZWSMART-MSK1
CROSSOVER PLATE

SHEET NUMBER:	REV #:
VZWSMART-MSK1	0

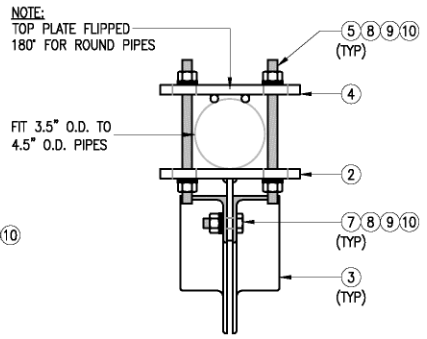
NOTE:
THE LOCATION OF KICKER AND EXISTING ANTENNA MOUNT SHOWN ON THE DRAWING IS FOR REPRESENTATION PURPOSE ONLY. SEE INSTALLATION DRAWINGS FOR ACTUAL INSTALLATION OF DETAILS.



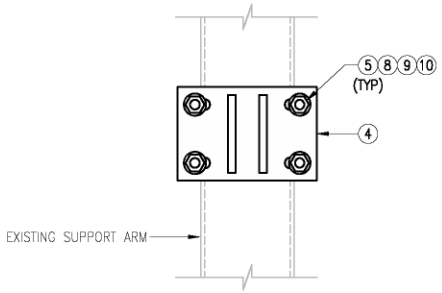
SIDE VIEW
KICKER KIT



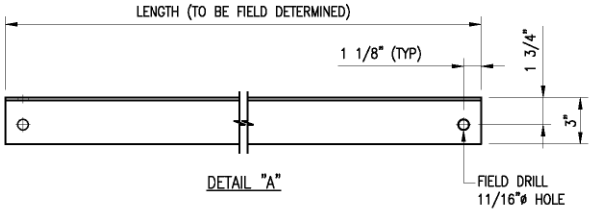
SECTION "A-A"
RECT. HSS MOUNTING



SECTION "A-A"
ROUND PIPE MOUNTING



SECTION "B-B"



DETAIL "A"

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

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

VzW
SMART Tool©
Vendor

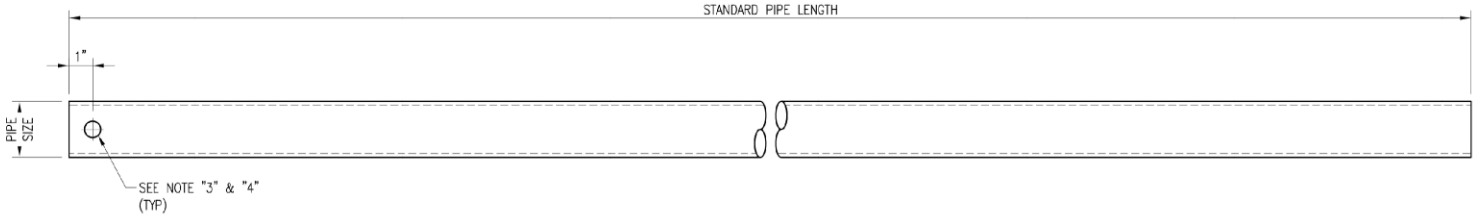
verizon

DRAWN BY: MN | CHECKED BY: HMA/KW

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

SHEET TITLE:
VZWSMART-PLK5
KICKER KIT

SHEET NUMBER: VZWSMART-PLK5
REV #: 0



VZWSMART Standard Pipe		
VZWSMART Number	Size	Length
P40-238X048	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	48"
P40-238X072	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	72"
P40-238X096	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	96"
P40-238X120	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	120"
P40-238X126	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	126"
P40-238X150	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	150"
P40-238X174	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	174"
P40-278X048	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	48"
P40-278X072	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	72"
P40-278X096	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	96"
P40-278X120	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	120"
P40-278X126	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	126"
P40-278X150	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	150"
P40-278X174	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	174"
P40-312X048	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	48"
P40-312X072	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	72"
P40-312X126	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	126"
P40-312X150	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	150"
P40-312X174	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	174"

NOTE:
APPROVED SMART KIT VENDORS ARE ALLOWED TO SUBSTITUTE AT THEIR DISCRETION PIPES LISTED ON THIS PAGE FOR CUSTOM LENGTH COMPONENTS OF MATCHING SIZE. SUBSTITUTIONS SHALL MEET THE ORIGINAL STRUCTURAL INTENT.

NOTES:
1. ALL PIPE GRADE A53-B OR BETTER.
2. HOT-DIPPED GALVANIZED PER ASTM A123.
3. ALL HOLES ARE 11/16" DIA. U.N.O
4. HOLES MAY OR MAY NOT BE PRESENT, DEPEND UPON MANUFACTURE DISCRETION.
5. ALL FIELD CUT AND DRILLED SURFACES SHALL BE REPAIRED WITH A MINIMUM OF TWO COATS OF ZINGA OR ZINC COTE PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

VzW SMART Tool© Vendor

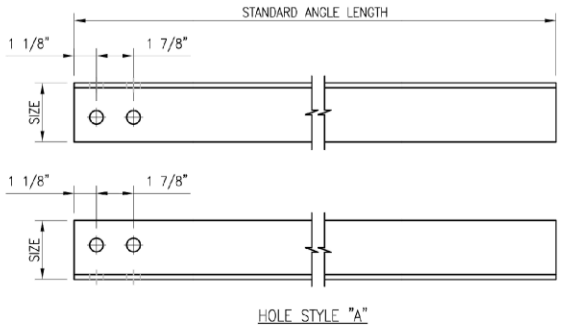
verizon

DRAWN BY: BT | CHECKED BY: HMA/KW

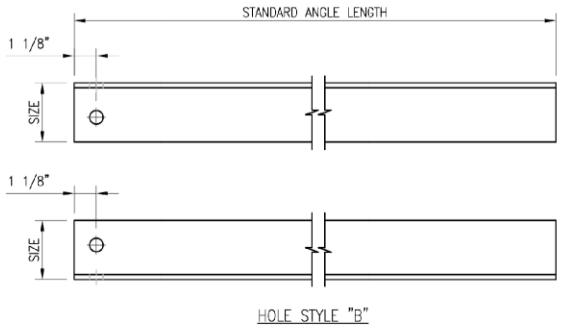
REV	DESCRIPTION	BY	DATE
1	FIRST ISSUE	BT	08/04/21

SHEET TITLE:
VZWSMART STANDARD PIPE

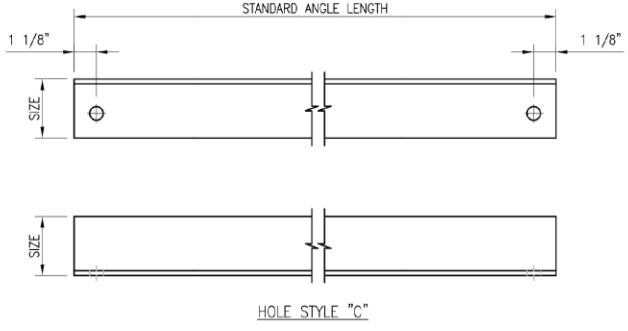
SHEET NUMBER: VZWSMART-PIPE | REV #: 0



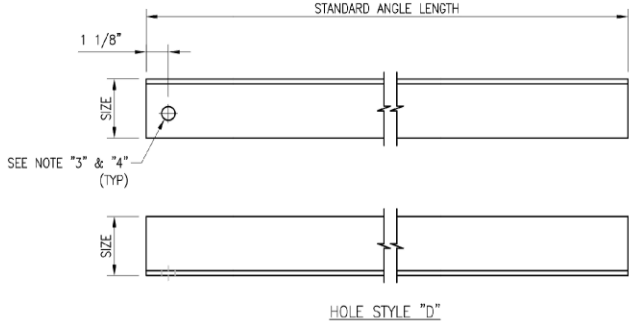
HOLE STYLE "A"



HOLE STYLE "B"



HOLE STYLE "C"



HOLE STYLE "D"

VZWSMART Standard Angle					
VZWSMART Number	Size	Length	Hole Style	Hole Gage	Also Used In:
A-PLK2-01	L 3" X 3" X 1/4"	96"	A	1-3/4"	VZWSMART-PLK2
A-PLK5-01	L 3"X 3" X 3/16"	96"	B	1-3/4"	VZWSMART-PLK5
A-SFK3-01	L 2-1/2" X 2-1/2" X 1/4"	96"	C	1-3/8"	VZWSMART-SFK3, -SFK3-SL, -PLK6, & -PLK8
A-L25X25X4X120	L 2-1/2" X 2-1/2" X 1/4"	120"	D	1-5/16"	
A-L25X25X4X240	L 2-1/2" X 2-1/2" X 1/4"	240"	D	1-5/16"	
A-L30X30X4X120	L 3" X 3" X 1/4"	120"	D	1-1/2"	
A-L30X30X4X240	L 3" X 3" X 1/4"	240"	D	1-1/2"	
A-L40X40X4X120	L 4" X 4" X 1/4"	120"	D	2"	
A-L40X40X4X240	L 4" X 4" X 1/4"	240"	D	2"	
A-L50X30X6X120	L 5" X 3" X 3/8"	120"	D	2-1/2"	
A-L50X50X6X120	L 5" X 5" X 3/8"	120"	D	2-1/2"	

NOTE:
APPROVED SMART KIT VENDORS ARE ALLOWED TO SUBSTITUTE AT THEIR DISCRETION ANGLES LISTED ON THIS PAGE FOR CUSTOM LENGTH COMPONENTS OF MATCHING SIZE. SUBSTITUTIONS SHALL MEET THE ORIGINAL STRUCTURAL INTENT.

NOTES:
1. ALL ANGLE GRADE A36 OR BETTER.
2. HOT-DIPPED GALVANIZED PER ASTM A123.
3. ALL HOLES ARE 11/16" DIA. U.N.O
4. HOLES MAY OR MAY NOT BE PRESENT, DEPEND UPON MANUFACTURE DISCRETION.
5. ALL FIELD CUT AND DRILLED SURFACES SHALL BE REPAIRED WITH A MINIMUM OF TWO COATS OF ZINGA OR ZINC COTE PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

VzW SMART Tool© Vendor

verizon

DRAWN BY: BT | CHECKED BY: HMA/KW

REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	BT	08/04/21

SHEET TITLE:
VZWSMART STANDARD ANGLE

SHEET NUMBER: VZWSMART-ANGLE

REV #: 0

ATTACHMENT 5

1363 BOSTON POST RD

Google Directions | Zoom

View Details

Google Maps Link

Town of Old Saybrook

WWMD Data

WWMD Admin

Property Record Card

Property

Address	1363 BOSTON POST RD
ID	027/023-0000

Ownership

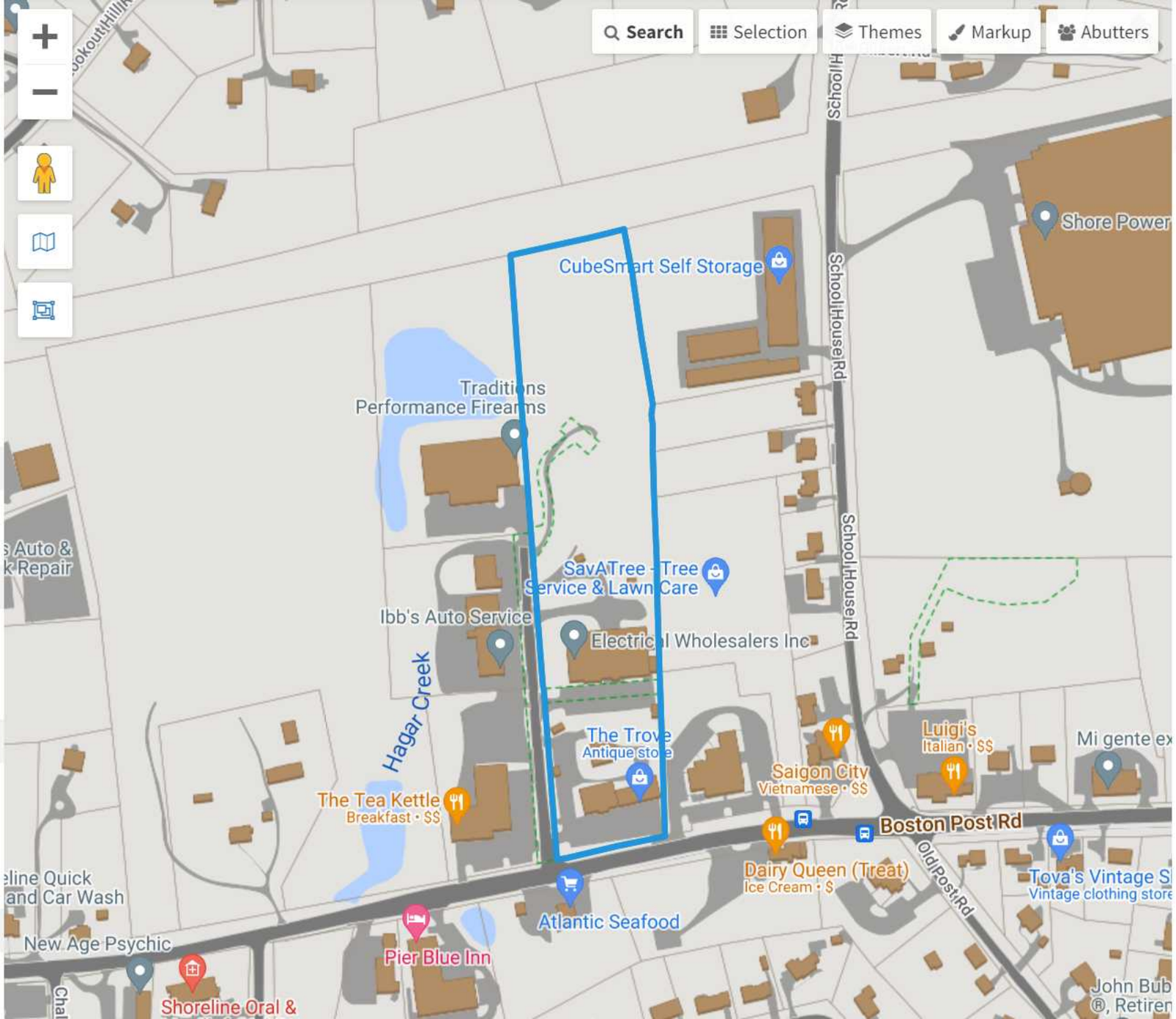
Name	WILCOX FAMILY LLC
Address	26 QUARRY ST
	OLD SAYBROOK, CT 06475

Valuation

Total	$1,455,700
Land	$467,000
Last Sale	$0 on 2005-08-16
Book/Page	0487/0320

Land

Area	7.28
Zone	B-4



Search

Advanced Search

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Showing 1-1 results. Scroll to see mo

1363 BOSTON POST RD
WILCOX FAMILY LLC
027/023-0000

1363 BOSTON POST RD

Print Map It

Location	1363 BOSTON POST RD	**MBLU**	027/ 023/ / /
Acct#	00366000	**Owner**	WILCOX FAMILY LLC
Assessment	$1,455,700	**Appraisal**	$2,079,600
PID	809	**Building Count**	4

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$1,412,300	$667,300	$2,079,600
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$988,700	$467,000	$1,455,700

Owner of Record

Owner	WILCOX FAMILY LLC	**Sale Price**	$0
Co-Owner		**Certificate**	
Address	26 QUARRY ST OLD SAYBROOK, CT 06475	**Book & Page**	0487/0320
		Sale Date	08/16/2005

Ownership History

Ownership History				
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Sale Date**
WILCOX FAMILY LTD PARTNERSHIPS	$450,000		0340/0791	12/31/1996

ATTACHMENT 6

UNITED STATES POSTAL SERVICE®

OLD SAYBROOK 2

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	neopost 10/04/2022 US POSTAGE $003.09 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.	Carl Fortuna, First Selectman Town of Old Saybrook 302 Main Street Old Saybrook, CT 06475				
2.	Christina Costa, Town Planner Town of Old Saybrook 302 Main Street Old Saybrook, CT 06475				
3.	Wilcox Family LLC 26 Quarry Street Old Saybrook, CT 06475		OLD STATE HOUSE STATION 06108 OCT - 4 2022 USPS		
4.					
5.					
6.					

See Reverse for Instructions