Robinson+Cole

KENNETH C. BALDWIN

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Also admitted in Massachusetts
and New York

April 16, 2021

Via Electronic Mail

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

Re: **Notice of Exempt Modification – Facility Modification**
623 Pine Street, Bridgeport, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains an existing wireless telecommunications facility at the above-referenced property address (the "Property"). The facility consists of antennas and remote radio heads attached to a tower and related equipment on the ground, near the base of the tower. The City of Bridgeport ("City") Zoning Department approved the existing tower on January 27, 1999. Cellco's shared use of the tower was approved by the Council on September 5, 2000. Copies of the Council's tower share approval and the City of Bridgeport ("City") Zoning Compliance Approval are included in Attachment 1.

Cellco now intends to modify its facility by removing three (3) existing antennas and nine (9) existing remote radio heads ("RRHs") and installing three (3) new antennas and six (6) new RRHs on Cellco's existing antenna platform. A set of project plans showing Cellco's proposed facility modifications and Cellco's new antennas and RRHs 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 Bridgeport's Chief Elected Official and Land Use Officer.

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

1. The proposed modifications will not result in an increase in the height of the existing tower. Cellco's replacement antennas will be installed on Cellco's existing 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 replacement antennas and RRHs 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 the 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, tower base plate and antenna mounting device can support Cellco's proposed modifications. Copies of the SA and MA are included in Attachment 4. Also included in Attachment 4 is a separate letter prepared by the consulting engineer responsible for the preparation of the MA verifying that the antenna model described in the MA, as a nL-Sub6 Antenna, is the Samsung 64T64R model antenna.

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 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:
Joseph P. Ganim, Bridgeport Mayor
Dennis Buckley, Bridgeport Zoning Administrator
Radio Communications Corporation
Aleksey Tyurin

Attachment 1

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

September 5, 2000

Sandy M. Carter
Bell Atlantic Mobile
20 Alexander Drive
P.O. Box 5029
Wallingford, CT 06492

RE: TS-BAM-015-000807 - Cellco Partnership d/b/a Verizon Wireless request for an order to approve tower sharing at an existing telecommunications tower located at 623 Pine Street, Bridgeport, Connecticut.

Dear Ms. Carter:

At a public meeting held August 31, 2000, the Connecticut Siting Council (Council) ruled that the shared use of this existing tower site is technically, legally, environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with General Statutes § 16-50aa, the Council has ordered the shared use of this facility to avoid the unnecessary proliferation of tower structures, subject to the issuance of a Building Permit and notification to the Tax Commissioner of the City of Bridgeport, Connecticut. This facility has also been carefully modeled to ensure that cumulative radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

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

This decision applies only to this request for tower sharing and is not applicable to any other request or construction.

The proposed shared use is to be implemented as specified in your letter dated August 7, 2000, and additional information dated August 31, 2000.

Thank you for your attention and cooperation.

Very truly yours,

Mortimer A. Gelston
Chairman

MAG/RKE/laf

c: Honorable Joseph P. Ganim, Mayor, City of Bridgeport
Mark T. Anastasi, City Attorney, City of Bridgeport
John D. Guman, Jr, Deputy City Attorney, City of Bridgeport
Melanie J. Howlett, Assistant City Attorney, City of Bridgeport
J. Brendan Sharkey, VoiceStream

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NO. 040284

APPLICATION FOR CERTIFICATE OF ZONING COMPLIANCE

ZONING COMMISSION
CITY OF BRIDGEPORT, CONN.

CITY HALL
45 Lyon Terrace
Room No. 206
Bridgeport, Conn.

Applicant Robert, Lillian & Andrew Knapp (Owner or Tenant Only) Date January 28, 1999

Address of Work 623 (Number) Pine Street (Street)

on the West (North, South, East, West) side of the above street about 210 feet

North (North, South, East, West) from Peerless Place (Street) Lot No. 25

Block No. 0307 as shown on Tax Assessor's Maps. C.A.M. Area NO (Yes - No) Wetlands NO (Yes - No)

Dimension of Lot: 40' X 100' x 40' X 100'

Size of Proposed Building or Addition Construction of a 250' Radio Tower No. Stories 250' (25-)

Wood Frame: Brick Veneer Masonry

Other Work (Describe in Detail) Construction of foundation and removal of existing tower (ZBA APPROVAL #98-79 DATED SEPT. 28, 1998 Interior Alterations inc. to Equipment Storage, 5/22/00

Proposed Use of Above (Describe in Detail) Mounting structure for telecommunications services (CFR Title 47) Common Carrier wireless, TV, microwave, commercial mobile, Internet, Paging

Presently Existing Use Same as above Zone I-LI

Previous use and date discontinued (if applicable)

Is pre-existing right claimed Yes (Yes — No) Improvement to existing use

Signature Robert Knapp Print Same Robert C. Knapp

If signed by agent state capacity (attorney, builder, etc.)

Mailing Address 24 Rockdale Road, West Haven, CT, 06516 Phone No. 203-933-2432

INSTRUCTIONS
Fill Out This Application In Ink or Type

A detailed plot plan must be submitted with this application showing the proposed or existing lot and building dimensions and the location of all buildings in relation to the street line, side lot lines and rear lot line. NOTE: *The occupancy and use of land, buildings and structures prior to the issuance of a Certificate of Zoning Compliance is prohibited.* This is not the said certificate. Fees, payable at the time of making application, are not returnable and, are in an amount established by the Zoning Commission.

Fee received $250 Date 1-27 19 99 By

PLAN AND APPLICATION	C.A.M. APPROVAL	FINAL INSPECTION
APPROVED FOR ZONING COMPLIANCE ONLY ZONING DEPARTMENT CITY OF BRIDGEPORT, CONN. DATE: 1-27-99		

Certificate Issued Date 19

34

Form 144

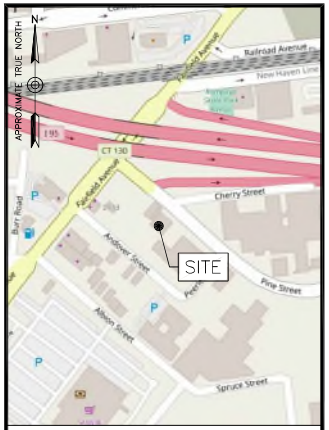
Attachment 2

BRIDGEPORT SW CT

623 PINE STREET
BRIDGEPORT, CT 06605

FUZE PROJECT ID: 16231834

PSLC: 469269



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
118 FLANDERS ROAD
WESTBOROUGH, MA 01581-3956

PROJECT TEAM

PMI ACCESSED AT:	HTTPS://PMI.VZWSMART.COM
SMART TOOL VENDOR PROJECT NUMBER:	10017681
VZW LOCATION CODE (PSLC):	469269
FUZE NUMBER:	16231834
PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT	
MOUNT MODIFICATION REQUIRED?	NO
VZW APPROVED SMART KIT VENDORS	
REFER TO MOUNT MODIFICATION DRAWINGS PAGE FOR VZW SMART KIT APPROVED VENDORS	

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.

1. REMOVE (3) EXISTING ANTENNAS (1/SECTOR) FROM EXISTING SECTOR FRAMES.
2. INSTALL (3) NEW LICENSED SUB 6 ANTENNAS ON EXISTING SECTOR FRAMES.
3. REMOVE (9) EXISTING RRH'S (3/SECTOR) FROM EXISTING SECTOR FRAMES
4. INSTALL (6) NEW DUAL BAND RRH'S (2/SECTOR) ON EXISTING SECTOR FRAMES.
5. INSTALL (3) NEW DIPLEXERS (1/SECTOR) ON EXISTING SECTOR FRAMES.
6. REMOVE (3) EXISTING MAIN HYBRID CABLES (1/SECTOR).
7. INSTALL (3) NEW LOW INDUCTANCE HYBRID CABLES (1/SECTOR).
8. REMOVE ALL EXISTING OVPS FROM THE TOWER.
9. INSTALL (3) NEW 6-OVPS ON THE EXISTING TOWER MOUNTS.
10. INSTALL NEW JUMPER CABLES AS REQUIRED BY RFDS.

SCOPE OF WORK

SHT. NO.	DESCRIPTION
T-1	TITLE SHEET
GN-1	GENERAL NOTES
C-1	PARTIAL SITE PLAN & NORTHEAST ELEVATION
C-2	EXISTING & PROPOSED ANTENNA PLANS
C-3	CONSTRUCTION DETAILS
C-4	SECTOR PLANS & ELEVATIONS

SHEET INDEX

verizon WIRELESS

VERIZON WIRELESS
118 FLANDERS ROAD
WESTBOROUGH, MA 01581-3956

BRIDGEPORT SW CT

CONSTRUCTION DRAWINGS

0	02/25/21	FOR SUBMITTAL
A	12/14/20	FOR COMMENT

Dewberry®
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3500
FAX: 617.695.3310

28971 LICENSED PROFESSIONAL ENGINEER

DRAWN BY:	MR
REVIEWED BY:	CDH
CHECKED BY:	BBR
PROJECT NUMBER:	50121487
JOB NUMBER:	50121825

SITE ADDRESS:

623 PINE STREET
BRIDGEPORT, CT 06605
FAIRFIELD COUNTY

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:

   MASSACHUSETTS STATE BUILDING CODE, 9TH EDITION, CONSISTENT WITH THE FOLLOWING CODES:
   2015 INTERNATIONAL RESIDENTIAL CODE (IRC)
   2015 INTERNATIONAL BUILDING CODE (IBC)
   2015 INTERNATIONAL EXISTING BUILDING CODE (IBC)
   2017 NATIONAL ELECTRICAL CODE (NEC)

   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

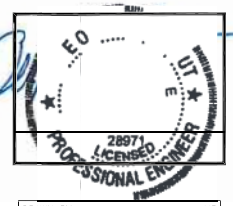
3. ALL WELDING SHALL BE DONE USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC AND AWS D1.1 WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "MANUAL OF STEEL CONSTRUCTION", 14TH EDITION. WHERE WELD LENGTH IS NOT INDICATED, USE FULL LENGTH WELD. AT THE 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
118 FLANDERS ROAD
WESTBOROUGH, MA 01581-3956

BRIDGEPORT SW CT

CONSTRUCTION DRAWINGS		
0	02/25/21	FOR SUBMITTAL
A	12/14/20	FOR COMMENT

Dewberry®
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3500
FAX: 617.695.3310



DRAWN BY:	MR
REVIEWED BY:	CDH
CHECKED BY:	BBR
PROJECT NUMBER:	50121487
JOB NUMBER:	50121825

SITE ADDRESS:

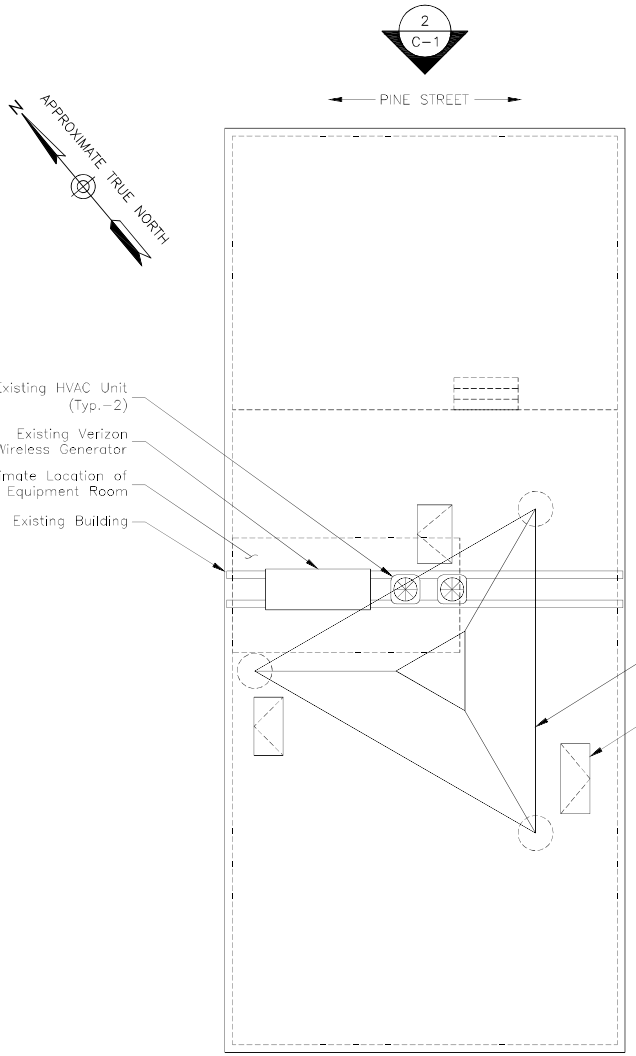
623 PINE STREET
BRIDGEPORT, CT 06605
FAIRFIELD COUNTY

SHEET TITLE

GENERAL NOTES

SHEET NUMBER

GN-1

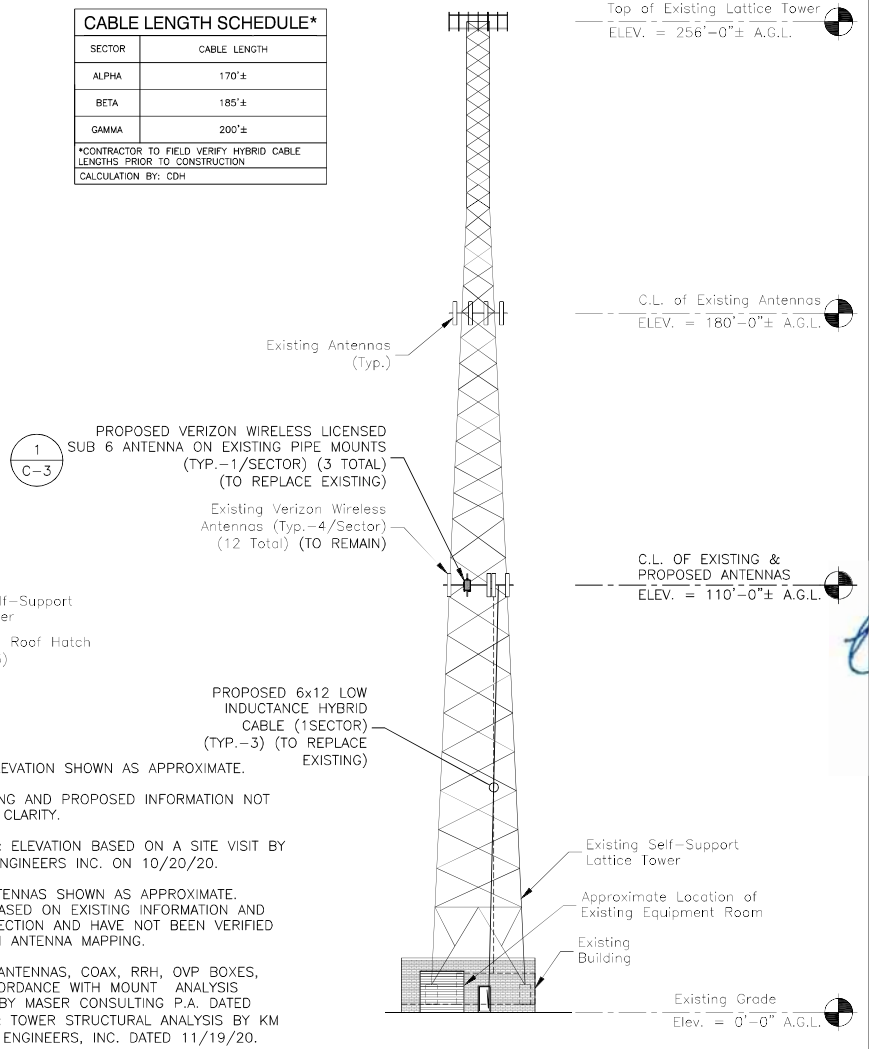


PARTIAL SITE PLAN 1

SCALE: 3/32"=1' FOR 11"x17"
3/16"=1' FOR 22"x34"

0' 4' 8' 12'

CABLE LENGTH SCHEDULE*	
SECTOR	CABLE LENGTH
ALPHA	170'±
BETA	185'±
GAMMA	200'±
*CONTRACTOR TO FIELD VERIFY HYBRID CABLE LENGTHS PRIOR TO CONSTRUCTION	
CALCULATION BY: CDH	



NORTHEAST ELEVATION 2

SCALE: 1/32"=1' FOR 11"x17"
1/16"=1' FOR 22"x34"

0' 4' 8' 12'

NOTES:

1. NORTH & ELEVATION SHOWN AS APPROXIMATE.
2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. SITE PLAN & ELEVATION BASED ON A SITE VISIT BY DEWBERRY ENGINEERS INC. ON 10/20/20.
4. EXISTING ANTENNAS SHOWN AS APPROXIMATE. ELEVATION BASED ON EXISTING INFORMATION AND VISUAL INSPECTION AND HAVE NOT BEEN VERIFIED THROUGH AN ANTENNA MAPPING.
5. MOUNT ALL ANTENNAS, COAX, RRH, OVP BOXES, ETC. IN ACCORDANCE WITH MOUNT ANALYSIS COMPLETED BY MASER CONSULTING P.A. DATED 11/16/20 & TOWER STRUCTURAL ANALYSIS BY KM CONSULTING ENGINEERS, INC. DATED 11/19/20.
6. REUSE EXISTING ANTENNA MOUNTS AND COAX. INSPECT FOR DAMAGE OR DECAY AND REPLACE AS NEEDED PER STRUCTURAL ANALYSIS.
7. 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 PERTAINS. REUSE OF THIS DOCUMENT IS AT THE SOLE RISK OF THE USER.

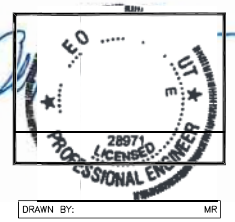
verizon WIRELESS

VERIZON WIRELESS
118 FLANDERS ROAD
WESTBOROUGH, MA 01581-3956

BRIDGEPORT SW CT

CONSTRUCTION DRAWINGS		
0	02/25/21	FOR SUBMITTAL
A	12/14/20	FOR COMMENT

Dewberry®
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3500
FAX: 617.695.3310



DRAWN BY:	MR
REVIEWED BY:	CDH
CHECKED BY:	BBR
PROJECT NUMBER:	50121487
JOB NUMBER:	50121825

SITE ADDRESS:

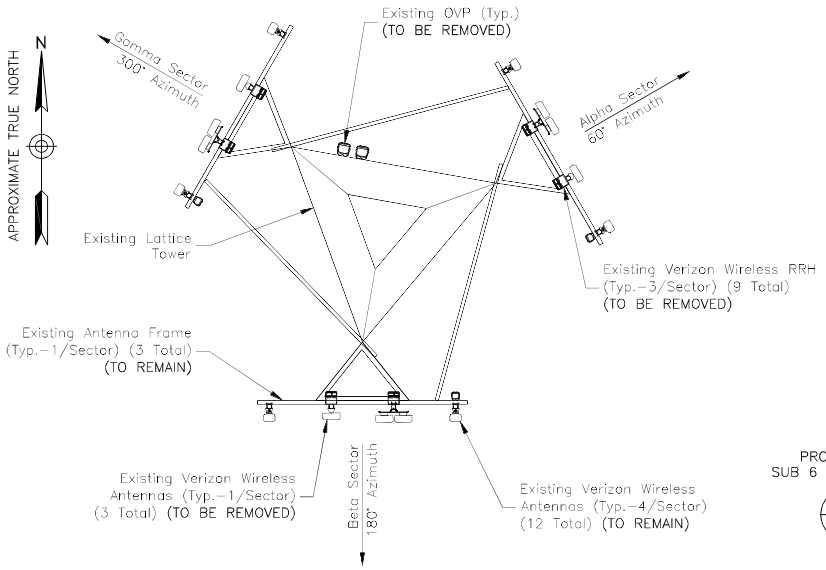
623 PINE STREET
BRIDGEPORT, CT 06605
FAIRFIELD COUNTY

SHEET TITLE

PARTIAL SITE PLAN

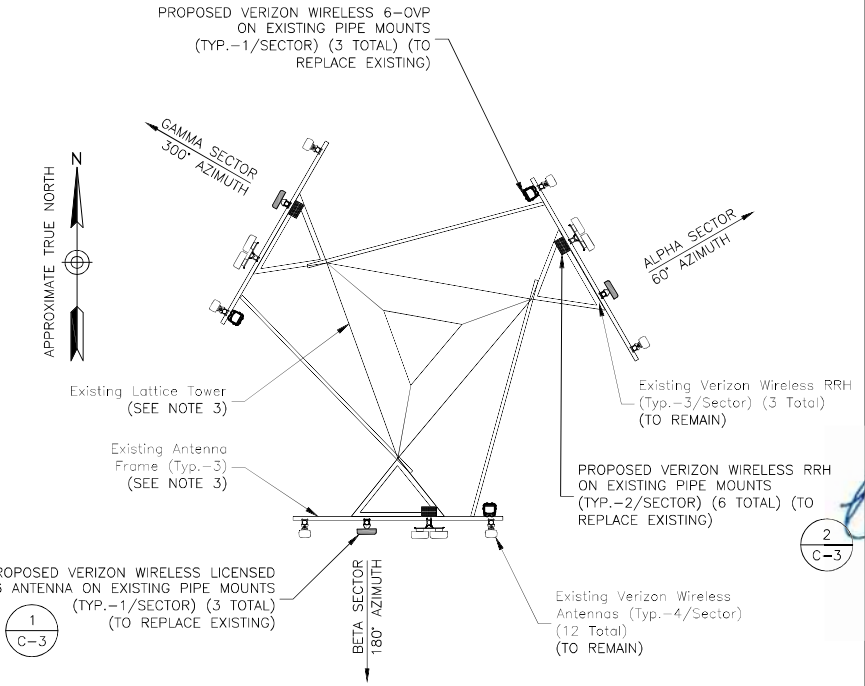
SHEET NUMBER

C-1



EXISTING ANTENNA PLAN 1

SCALE: N.T.S.



PROPOSED ANTENNA PLAN 2

SCALE: N.T.S.

NOTES:

1. NORTH ELEVATION SHOWN AS APPROXIMATE.
2. SOME EXISTING AND PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. MOUNT ALL ANTENNAS, COAX, RRH, OVP BOXES, ETC. IN ACCORDANCE WITH MOUNT ANALYSIS COMPLETED BY MASER CONSULTING P.A. DATED 11/16/20 & TOWER STRUCTURAL ANALYSIS BY KM CONSULTING ENGINEERS, INC. DATED 11/19/20.
4. REUSE EXISTING ANTENNA MOUNTS AND COAX. INSPECT FOR DAMAGE OR DECAY AND REPLACE AS NEEDED PER STRUCTURAL ANALYSIS.

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VERIZON WIRELESS
118 FLANDERS ROAD
WESTBOROUGH, MA 01581–3956

BRIDGEPORT SW CT

CONSTRUCTION DRAWINGS		
0	02/25/21	FOR SUBMITTAL
A	12/14/20	FOR COMMENT

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BOSTON, MA 02110
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FAX: 617.695.3310

CONNECTICUT 28971 LICENSED PROFESSIONAL ENGINEER

DRAWN BY:	MR
REVIEWED BY:	CDH
CHECKED BY:	BBR
PROJECT NUMBER:	50121487
JOB NUMBER:	50121825

SITE ADDRESS:

623 PINE STREET
BRIDGEPORT, CT 06605
FAIRFIELD COUNTY

SHEET TITLE

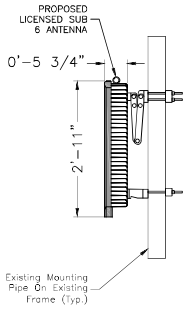
EXISTING & PROPOSED ANTENNA PLANS

SHEET NUMBER

C–2

GENERAL NOTES:

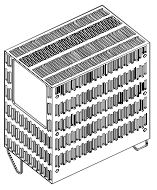
1. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR PRIOR TO ALL FABRICATION WITH ALL DISCREPANCIES REPORTED IMMEDIATELY TO THE ENGINEER.
2. DO NOT CHANGE SIZE NOR SPACING OF STRUCTURAL ELEMENTS.
3. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
4. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
5. BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
6. DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
7. 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.
8. EACH CONTRACTOR SHALL COOPERATE WITH THE OWNER'S REPRESENTATIVE AND COORDINATE THEIR WORK WITH THE WORK OF OTHERS.
9. REPAIR ANY DAMAGE DURING CONSTRUCTION TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE CONSTRUCTION MANAGER.
10. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
11. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
12. SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH UL LISTED D FIRE CODE APPROVED MATERIALS.
13. TURN OVER ALL SALVAGEABLE BUILDING MATERIAL TO BUILDING MANAGER.
14. ALL DISRUPTIVE WORK AND WORK WITHIN TENANT SPACES TO BE COORDINATED WITH BUILDING REPRESENTATIVE.
15. ALL ROOF PENETRATIONS SHALL BE RESTORED TO MAINTAIN ALL ROOF WARRANTIES AND ENSURE A PERMANENT WATERPROOF SEAL.
16. 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 POSTS OR MOUNTING CONNECTIONS, FOR ENGINEERING REVIEW AND INSPECTION.



MANUFACTURER:	TO BE DETERMINED
MODEL:	LICENSED SUB 6
DIMENSIONS:	35.1"H X 19.7"W X 5.8"D (NOT TO EXCEED)
WEIGHT:	96.6 LBS (NOT TO EXCEED)

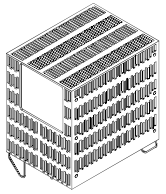
PIPE MOUNTED ANTENNA DETAIL 1
SCALE: 3/8"=1' FOR 11"x17"
3/4"=1' FOR 22"x34"

0' 1' 2' 3'



LTE 700/850

MANUFACTURER:	SAMSUNG
MODEL:	700/850 RRH
DIMENSIONS:	15.0"H X 15.0"W X 8.1"D
WEIGHT:	82.0 LBS



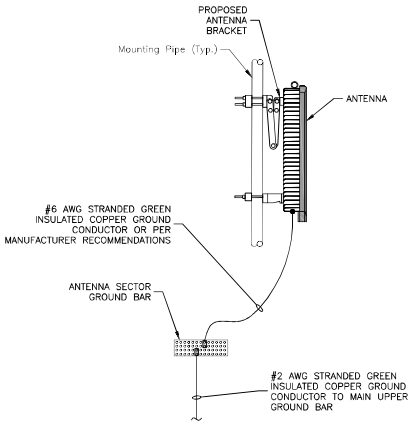
LTE PCS/AWS

MANUFACTURER:	SAMSUNG
MODEL:	LTE PCS/AWS RRH
DIMENSIONS:	15.0"H X 15.9"W X 10.0"D
WEIGHT:	97.5 LBS

NOTE:

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

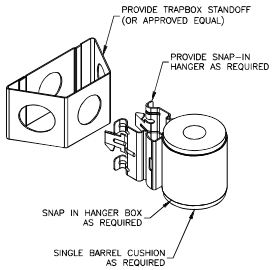
REMOTE UNIT DETAILS 2
SCALE: N.T.S.



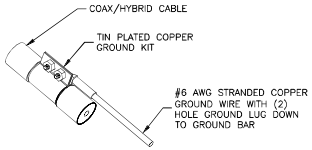
NOTES:

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 5
SCALE: N.T.S



JUMPER MOUNT 3
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 4
SCALE: N.T.S.

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BRIDGEPORT SW CT

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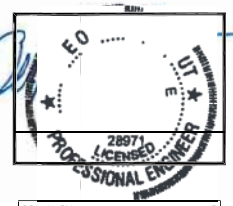


DRAWN BY:	MR
REVIEWED BY:	CDH
CHECKED BY:	BBR
PROJECT NUMBER:	50121487
JOB NUMBER:	50121825

SITE ADDRESS:

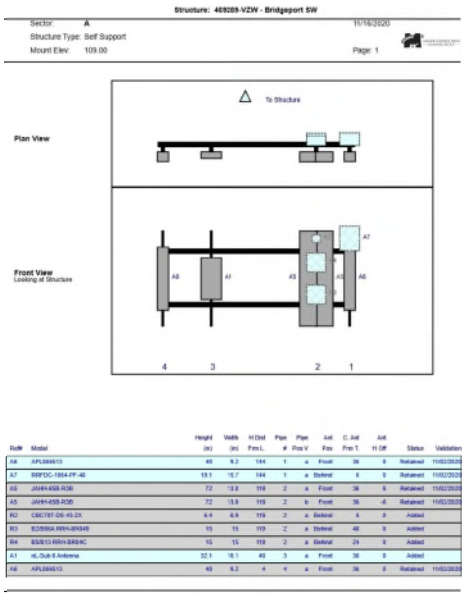
623 PINE STREET
BRIDGEPORT, CT 06605
FAIRFIELD COUNTY

SHEET TITLE

CONSTRUCTION DETAILS

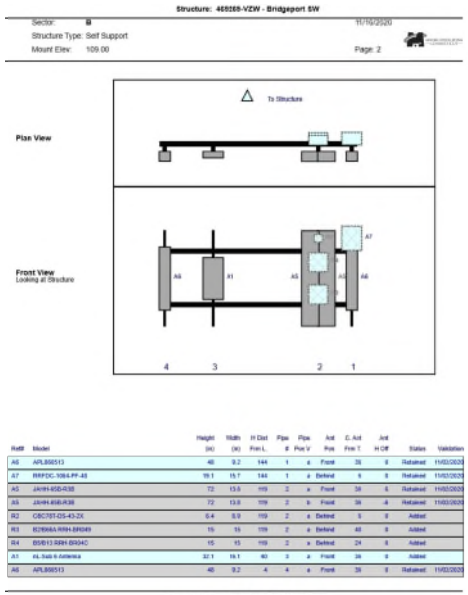
SHEET NUMBER

C-3



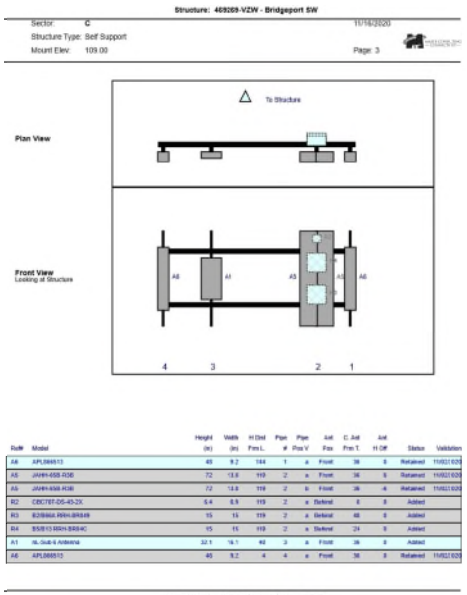
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Pos T.	Ant H Off	Status	Validation
A6	APL898513	48	9.2	144	1	a	Front	36	0	Retained	11/02/2020
A7	RRFDC-1864-PF-48	19.1	15.7	144	1	a	Behind	6	0	Retained	11/02/2020
A5	JAHH-65B-R3B	72	13.8	119	2	a	Front	36	6	Retained	11/02/2020
A5	JAHH-65B-R3B	72	13.8	119	2	b	Front	36	-6	Retained	11/02/2020
R2	CBC78T-DS-43-2X	6.4	8.9	119	2	a	Behind	4	0	Added	
R3	B2/B66A RRH-BRIM	15	15	119	2	a	Behind	48	0	Added	
R4	B5/B13 RRH-BRIM	15	15	119	2	a	Behind	24	0	Added	
A1	4L-Sub-6 Antenna	32.1	19.1	40	3	a	Front	36	0	Added	
A6	APL898513	48	9.2	4	4	a	Front	36	0	Retained	11/02/2020

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



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Pos T.	Ant H Off	Status	Validation
A6	APL898513	48	9.2	144	1	a	Front	36	0	Retained	11/02/2020
A7	RRFDC-1864-PF-48	19.1	15.7	144	1	a	Behind	6	0	Retained	11/02/2020
A5	JAHH-65B-R3B	72	13.8	119	2	a	Front	36	6	Retained	11/02/2020
A5	JAHH-65B-R3B	72	13.8	119	2	b	Front	36	-6	Retained	11/02/2020
R2	CBC78T-DS-43-2X	6.4	8.9	119	2	a	Behind	4	0	Added	
R3	B2/B66A RRH-BRIM	15	15	119	2	a	Behind	48	0	Added	
R4	B5/B13 RRH-BRIM	15	15	119	2	a	Behind	24	0	Added	
A1	4L-Sub-6 Antenna	32.1	19.1	40	3	a	Front	36	0	Added	
A6	APL898513	48	9.2	4	4	a	Front	36	0	Retained	11/02/2020

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



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Pos T.	Ant H Off	Status	Validation
A6	APL898513	48	9.2	144	1	a	Front	36	0	Retained	11/02/2020
A5	JAHH-65B-R3B	72	13.8	119	2	a	Front	36	6	Retained	11/02/2020
A5	JAHH-65B-R3B	72	13.8	119	2	b	Front	36	-6	Retained	11/02/2020
R2	CBC78T-DS-43-2X	6.4	8.9	119	2	a	Behind	4	0	Added	
R3	B2/B66A RRH-BRIM	15	15	119	2	a	Behind	48	0	Added	
R4	B5/B13 RRH-BRIM	15	15	119	2	a	Behind	24	0	Added	
A1	4L-Sub-6 Antenna	32.1	19.1	40	3	a	Front	36	0	Added	
A6	APL898513	48	9.2	4	4	a	Front	36	0	Retained	11/02/2020

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

NOTE:

1. SECTOR PLANS AND ELEVATIONS TAKEN FROM MOUNT ANALYSIS: SMART TOOL# 10017681, MASER PROJECT # 20777258A, FUZE # 16231834 BY MASER CONSULTING P.A. DATED 11/16/2020.

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BRIDGEPORT SW CT

CONSTRUCTION DRAWINGS		
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Dewberry Engineers Inc.
99 SUMMER STREET
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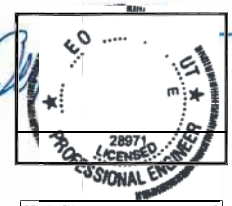


DRAWN BY:	MR
REVIEWED BY:	CDH
CHECKED BY:	BBR
PROJECT NUMBER:	50121487
JOB NUMBER:	50121825

SITE ADDRESS:

623 PINE STREET
BRIDGEPORT, CT 06605
FAIRFIELD COUNTY

SHEET TITLE

SECTOR PLANS
& ELEVATIONS

SHEET NUMBER

C-4

SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

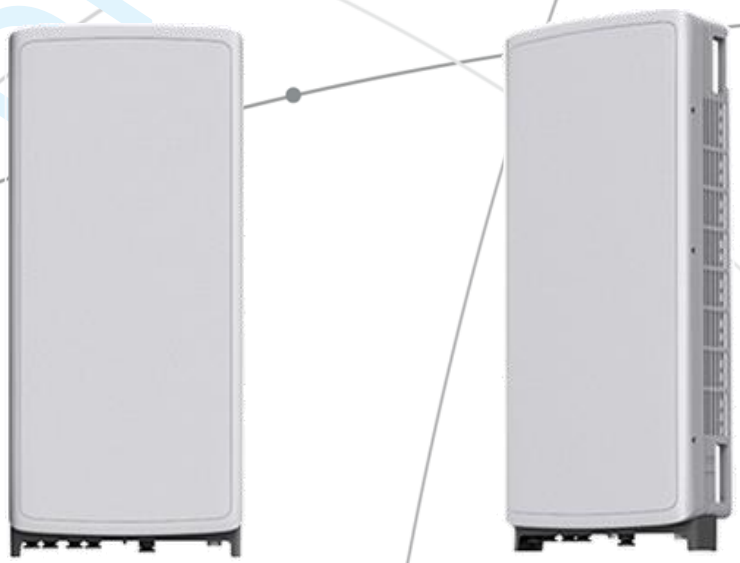
SAMSUNG

SAMSUNG C-Band 64T64R Massive MIMO

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

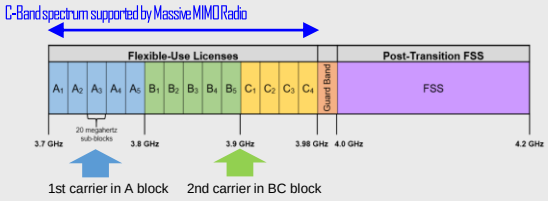


Points of Differentiation

Wide Bandwidth

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

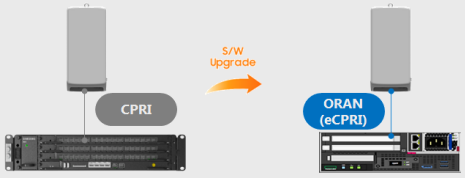
Samsung C-Band massive MIMO Radio uses C-Band 280 MHz spectrum at the same time, so it can cover all the bands the operator can be auctioned.



Future Proof Product

Samsung C-Band Massive MIMO radio supports eCPRI interface, thus, it can be used as O-RAN Massive MIMO Radio in the future. To provide O-RAN service, operators only need to update software since the hardware is already ready.

With the support of O-RAN, operators can reduce OPEX/CAPEX by increasing compatibility between equipment and get opportunity to design and develop their network with best –in-class solution that interoperate.



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 increased user throughput by minimizing interference.

Well Matched Design

Samsung's 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 48L and 87.1lbs. This makes it easy to install the Radio.

It is designed to look solid and small, and in particular, the design with wrap around has a thinly looking effect so that it can be harmonized with the surrounding environment when installed.

Technical Specifications

Item	Specification
Tech	NR
Brand	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 35.12 x 5.51 inch (50.95L)/ 87.1lbs

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

Attachment 3

	General	Power	Density					
Site Name: Bridgeport SW								
Tower Height: Verizon @ 110ft								
CARRIER	**# OF CHAN.**	**WATTS ERP**	**HEIGHT**	**CALC. POWER DENS**	**FREQ.**	**MAX. PERMISS. EXP.**	**FRACTION MPE**	**Total**
Sprint	1	377	118	850	0.0108	0.5667	0.19%	
Sprint	2	377	118	850	0.0216	0.5667	0.38%	
Sprint	5	512	118	1900	0.0734	1.0000	0.73%	
Sprint	2	1280	118	1900	0.0734	1.0000	0.73%	
Sprint	8	640	118	2500	0.1468	1.0000	1.47%	
Sprint	1	3428	118	11000	0.0983	1.0000	0.98%	
T-Mobile	2	6413	180	2500	0.1523	1.0000	1.52%	
T-Mobile	2	6413	180	2500	0.1523	1.0000	1.52%	
T-Mobile	4	1538	180	2100	0.0731	1.0000	0.73%	
T-Mobile	2	592	180	600	0.0141	0.4000	0.35%	
T-Mobile	1	1578	180	600	0.0187	0.4000	0.47%	
T-Mobile	2	649	180	700	0.0154	0.4667	0.33%	
T-Mobile	4	1102	180	1900	0.0524	1.0000	0.52%	
T-Mobile	2	2204	180	1900	0.0524	1.0000	0.52%	
T-Mobile	2	1295	180	2100	0.0308	1.0000	0.31%	
Unknown	1	500	272	162	0.0025	0.2000	0.13%	
Unknown	3	3500	267	930	0.0554	0.6200	0.89%	
Unknown	6	500	260	450	0.0167	0.3000	0.56%	
MetroPCS	7	734	126	2310	0.1283	1.0000	1.28%	
VZW 700	**4**	**2511**	**110**	**0.0029**	**751**	**0.5007**	**0.58%**	
VZW Cellular LTE	**2**	**1000**	**110**	**0.0012**	**874**	**0.5827**	**0.20%**	
VZW Cellular CDMA	**4**	**2902**	**110**	**0.0034**	**874**	**0.5827**	**0.58%**	
VZW PCS	**4**	**6258**	**110**	**0.0073**	**1980**	**1.0000**	**0.73%**	
VZW AWS	**4**	**6326**	**110**	**0.0073**	**2120**	**1.0000**	**0.73%**	
VZW CBAND	**4**	**26125**	**110**	**0.0303**	**3730.005**	**1.0000**	**3.03%**	
								19.49%
* Source: Siting Council								

Attachment 4

STRUCTURAL ANALYSIS REPORT

for

Dewberry Engineers Inc.
99 Summer Street Suite 700
Boston, MA 02110

Bridgeport SW CT
(VZW Site ID 323480)
KM No. 181110.01

250' Self-Support Tower
623 Pine Street
Bridgeport, CT 06605

Prepared By:

KM CONSULTING ENGINEERS, INC.
262 Upper Ferry Road Ewing, NJ 08628
Ph: (609) 538-0400 www.kmengr.com

November 19, 2020

Prepared to ANSI/TIA-222-G-4 December 2014
Structural Standard for Antenna Supporting
Structures and Antennas

Dewberry
Bridgeport SW CT (VZW Site ID 323480)

TABLE OF CONTENTS

SECTION **PAGE**

1.0 EXECUTIVE SUMMARY 3

2.0 TOWER INVENTORY 4

3.0 COMMENTARY 6

4.0 ANALYSIS PROCEDURE 7

5.0 TOWER ANALYSIS RESULTS 8

6.0 RECOMMENDATIONS 9

7.0 APPENDIX 10

Load Case No. 1: Existing tower superstructure with existing inventory and proposed Verizon Wireless installation.

1.0 EXECUTIVE SUMMARY

Structure

Owner: Radio Communications Tower

Location: 623 Pine Street
Bridgeport, CT 06605

Manufacturer: Rohn
Eng. File No. 3767AE dated 3/25/99

Equipment

Existing tower inventory plus the proposed installation are detailed in Section 2.0 “Tower Inventory.”

Synopsis

Load Case No. 1: The existing tower superstructure with the current inventory and proposed Verizon Wireless installation.

The existing tower superstructure and base foundation have sufficient capacity for the proposed installation and therefore meet the current ANSI/TIA-222-G design standards. The tower superstructure is rated at 99.1% and the foundation is rated at 66.9%.

2.0 TOWER INVENTORY

DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
yaggi in radom	256	NNVV-65B-R4 (Sprint)	118
Beacon	256	2.5G MAA-AAHC(64T64R) (Sprint)	118
Omni antenna	256	2.5G MAA-AAHC(64T64R) (Sprint)	118
Omni antenna	256	2.5G MAA-AAHC(64T64R) (Sprint)	118
Omni antenna	256	(2) 800 MHz RRH (Sprint)	118
Omni antenna	256 - 239	(2) 800 MHz RRH (Sprint)	118
Top Platform	256	(2) 800 MHz RRH (Sprint)	118
Omni antenna	248 - 238	1900 MHz RRH (Sprint)	118
mounting frames w/stable bar (T-Mobile)	180	1900 MHz RRH (Sprint)	118
		1900 MHz RRH (Sprint)	118
mounting frames w/stable bar (T-Mobile)	180	VFA6-RRU (Sprint)	118
		VFA6-RRU (Sprint)	118
mounting frames w/stable bar (T-Mobile)	180	VFA6-RRU (Sprint)	118
AIR 3246 B66 (T-Mobile)	180	Distribution Box (Verizon)	112
AIR 3246 B66 (T-Mobile)	180	Distribution Box (Verizon)	112
AIR 3246 B66 (T-Mobile)	180	Rohn 6'x15' Boom Gate (Verizon)	110
APXVAARR24_43-U-NA20 (T-Mobile)	180	(2) JAHH-65B-R3B on mount (Verizon)	110
APXVAARR24_43-U-NA20 (T-Mobile)	180	(2) JAHH-65B-R3B on mount (Verizon)	110
APXVAARR24_43-U-NA20 (T-Mobile)	180	(2) JAHH-65B-R3B on mount (Verizon)	110
AIR6449 B41 (T-Mobile)	180	(2) APL-866513-42T6 (Verizon)	110
AIR6449 B41 (T-Mobile)	180	GPS antenna (Verizon)	110
AIR6449 B41 (T-Mobile)	180	(2) APL-866513-42T9 (Verizon)	110
Radio 4449 B71/B85 (T-Mobile)	180	(2) APL-866513-42T9 (Verizon)	110
Radio 4449 B71/B85 (T-Mobile)	180	C-band 64T64R MMU (Verizon)	110
Radio 4449 B71/B85 (T-Mobile)	180	C-band 64T64R MMU (Verizon)	110
Radio 4424 B25 (T-Mobile)	180	C-band 64T64R MMU (Verizon)	110
Radio 4424 B25 (T-Mobile)	180	6' pipe mount (Verizon)	110
Radio 4424 B25 (T-Mobile)	180	6' pipe mount (Verizon)	110
Twin style 1B TMA (T-Mobile)	180	6' pipe mount (Verizon)	110
Twin style 1B TMA (T-Mobile)	180	9' pipe mount (Verizon)	110
Twin style 1B TMA (T-Mobile)	180	9' pipe mount (Verizon)	110
SBX1926Q-43 (T-Mobile)	180	9' pipe mount (Verizon)	110
SBX1926Q-43 (T-Mobile)	180	B2/B66A Dual RRH (Verizon)	110
SBX1926Q-43 (T-Mobile)	180	B2/B66A Dual RRH (Verizon)	110
(2) MetroPCS Antenna (MetroPCS)	138	B2/B66A Dual RRH (Verizon)	110
(2) MetroPCS Antenna (MetroPCS)	138	B5/B13 Dual RRH (Verizon)	110
(2) MetroPCS Antenna (MetroPCS)	138	B5/B13 Dual RRH (Verizon)	110
mounting frames w/stable bar (MetroPCS)	138	B5/B13 Dual RRH (Verizon)	110
		CBC78T-DS-43-2X (Verizon)	110
mounting frames w/stable bar (MetroPCS)	138	CBC78T-DS-43-2X (Verizon)	110
		CBC78T-DS-43-2X (Verizon)	110
mounting frames w/stable bar (MetroPCS)	138	RRFDC-3315-PF-48 (Verizon)	110
		RRFDC-4750-PF-48 (Verizon)	110
VHLP1-23-2WH (Clearwire)	121	Rohn 6'x15' Boom Gate (Verizon)	110
VHLP1-23-2WH (Clearwire)	121	Rohn 6'x15' Boom Gate (Verizon)	110
VHLP2.5-11-4WH (Clearwire)	121	4' Side Arm	100
NNVV-65B-R4 (Sprint)	118	TV 65 antenna	100
NNVV-65B-R4 (Sprint)	118	TV 65 antenna	100

Proposed Verizon Wireless Installation:

*(3) C-band 64T64R MMU panel antennas @ 110' AGL
*(3) VZS01 RRU's @ 110' AGL
*(3) B2/B66A RRH-BR049's @ 110' AGL
*(3) B5/B13 RRH-BR04C's @ 110' AGL
*(3) CBC78T-DS-43-2X diplexers @ 110' AGL
*(3) 1-5/8" 6x12 hybrid cables up to 110' AGL
*Removal of (3) JAHH-65B-R3B panel antennas @ 110' AGL
*Removal of (3) UHBA B13 RRH 4x30's @ 110' AGL
*Removal of (3) UHIE B66A RRH 4x45's @ 110' AGL
*Removal of (3) UHFA B25 RRH 4x30's @ 110' AGL
*Removal of (3) 1-5/8" 6x12 hybrid cables up to 110' AGL

3.0 COMMENTARY

Our scope of work is to determine if the existing structure is capable of withstanding the additional stresses/forces imposed by the installation of the proposed Verizon Wireless equipment noted in the tower inventory. The tower is a 250' tall Rohn self-support tower with a triangular platform located at the top.

Tower member sizes, layout and foundation information was taken from previous structural analysis by KM Consulting Engineers, Inc. (KMCE) dated 9/2/20. Existing antenna inventory and coax cable layout was also taken from the above mentioned analysis. Proposed equipment was obtained from a Verizon Wireless RFDS, dated 10/5/20, and a mount analysis by Maser Consulting Connecticut, dated 11/17/20. Proposed Sprint equipment obtained from a structural analysis report by Destek Engineering, LLC dated 8/20/18 and CD's by Com-Ex Consultants, LLC dated 5/9/18 is included in the analysis.

The following report will provide analytical calculations and commentary regarding the capacity of the proposed tower and subsequent recommendations.

4.0 ANALYSIS PROCEDURE

KM Consulting Engineers, Inc. carried out their structural analysis by correlating field inspection and tower member data into proprietary software designed specifically for communication tower analysis.

These programs run in conjunction with the guidelines set down in the ANSI/TIA-222-G Standard entitled "Structural Standard for Antenna Supporting Structures and Antennas."

The existing tower is analyzed by placing wind forces on the structure in 30° positional increments around the tower (i.e. wind pressure directly onto the tower corners, faces and parallel to the faces). This enables the user to "create" a three-dimensional representation, yielding results for worst case scenarios. In effect, the production of these results allows the user to study the structural integrity of the tower when influenced by wind forces from any direction.

The proceeding report includes analysis for the tower with the addition of antennas in the scenarios stated. For clarity, the analysis shall include worst case loadings and a typical elevation view with maximum foundation loads tabulated.

Should the client require to be furnished with a full copy of our analysis, we will gladly do so.

Codes and Standards

ACI - American Concrete Institute - Building Code Requirements for Structural Concrete (ACI 318-14), 2014

AISC - American Institute of Steel Construction - Manual of Steel Construction, 14th edition, 2011

TIA - Telecommunications Industry Association – ANSI/TIA-222-G-4 Structural Standard for Antenna Supporting Structures and Antennas, 2014

CSBC - Connecticut State Building Code 2018

5.0 TOWER ANALYSIS RESULTS

The tower was analyzed for the inventory detailed in Section 2.0 “Tower Inventory”.

The basic wind speed of 97 MPH with no radial ice in accordance with ANSI/TIA-222-G is taken from Appendix N in the 2018 Connecticut State Building Code for the nominal design wind speed for the municipality of Bridgeport, CT. The basic wind speed of 50 MPH concurrent with ¾” design ice thickness is taken from the ANSI/TIA-222-G listing applicable for Fairfield County, CT. Additional criteria include Structure Class II, Exposure Category C, and Topographic Category 1.

Load Case No. 1: Existing inventory and the proposed Verizon Wireless installation of (3) C-band 64T64R MMU panel antennas, (3) VZS01 RRU’s, (3) B2/B66A RRH-BR049’s, (3) B5/B13 RRH-BR04C’s, (3) CBC78T-DS-43-2X diplexers, and (3) 1-5/8” 6x12 hybrid cables. Proposed installation includes the removal of (3) JAHH-65B-R3B panel antennas, (3) UHBA B13 RRH 4x30’s, (3) UHIE B66A RRH 4x45’s, (3) UHFA B25 RRH 4x30’s, and (3) 1-5/8” 6x12 hybrid cables.

The existing tower superstructure and base foundation have sufficient capacity for the proposed installation and therefore meet the current ANSI/TIA-222-G design standards. The tower superstructure is rated at 99.1% and the foundation is rated at 66.9%.

Table 1. Base Foundation Rating

Force	Actual (kip·ft)	Capacity (kip·ft)	% Capacity
Overturning Moment	11,770	17,504	**66.9%**

6.0 RECOMMENDATIONS

Further to our calculations, we conclude that the tower superstructure and base foundation have adequate capacity and therefore meet the current ANSI/TIA-222-G design standards. The tower is acceptable to support the proposed Verizon Wireless installation.

Please do not hesitate to contact our office with any questions or concerns regarding this report.

Sincerely,
KM CONSULTING ENGINEERS, INC.

Domenic Aversa, PE
Project Manager

Reviewed and Approved by:

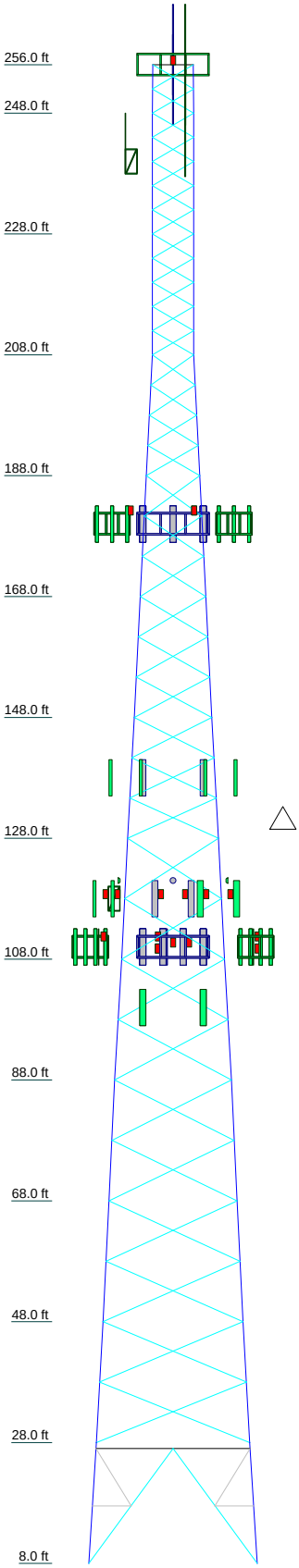
11/19/20

Michael L. Bohlinger, PE
Principal
CT License No. 20405

7.0 APPENDIX

LOAD CASE 1

Section	T13	T12	T11	T10	T9	T8	T7	T6	T5	T4	T3	T2	T1
Legs	P10x.5				ROHN 8 EH	ROHN 8 EHS		ROHN 6 EH		ROHN 5 EH	ROHN 4 EH	ROHN 3 EH	A
Leg Grade	A572-50												
Diagonals	ROHN 3 STD		L5x5x3/8		L4x4x0.31	L4x4x3/8	L3x3x1/4		L2 1/2x2 1/2x1/4		L2x2x1/4		B
Diagonal Grade	A572-50												
Top Girts	ROHN 3 STD						N.A.						C
Red. Horizontals	ROHN 1.5 STD						N.A.						
Red. Diagonals	ROHN 1.5 STD						N.A.						
Red. Hips	ROHN 1.5 STD						N.A.						
Inner Bracing	ROHN 3 STD						N.A.						
Face Width (ft)	25.333	23.229	21.25	19.25	17.0833	14.989	12.916	10.916	8.916	6.833	6.9	6.604	
# Panels @ (ft)	1 @ 19			10 @ 10				9 @ 6.66667		4 @ 5		12 @ 4	
Weight (lb)	49211.9	7164.6	6887.4	6622.3	4629.8	4195.6	3083.2	2923.5	2590.2	1965.2	1660.8	1379.5	478.2



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
yaggi in radom	256	NNVV-65B-R4 (Sprint)	118
Beacon	256	2.5G MAA-AAHC(64T64R) (Sprint)	118
Omni antenna	256	2.5G MAA-AAHC(64T64R) (Sprint)	118
Omni antenna	256	2.5G MAA-AAHC(64T64R) (Sprint)	118
Omni antenna	256	(2) 800 MHz RRH (Sprint)	118
Omni antenna	256 - 239	(2) 800 MHz RRH (Sprint)	118
Top Platform	256	(2) 800 MHz RRH (Sprint)	118
Omni antenna	248 - 238	1900 MHz RRH (Sprint)	118
mounting frames w/stable bar (T-Mobile)	180	1900 MHz RRH (Sprint)	118
		1900 MHz RRH (Sprint)	118
mounting frames w/stable bar (T-Mobile)	180	VFA6-RRU (Sprint)	118
mounting frames w/stable bar (T-Mobile)	180	VFA6-RRU (Sprint)	118
		VFA6-RRU (Sprint)	118
AIR 3246 B66 (T-Mobile)	180	Distribution Box (Verizon)	112
AIR 3246 B66 (T-Mobile)	180	Distribution Box (Verizon)	112
AIR 3246 B66 (T-Mobile)	180	Rohn 6'x15' Boom Gate (Verizon)	110
APXVAARR24_43-U-NA20 (T-Mobile)	180	(2) JAHH-65B-R3B on mount (Verizon)	110
APXVAARR24_43-U-NA20 (T-Mobile)	180	(2) JAHH-65B-R3B on mount (Verizon)	110
APXVAARR24_43-U-NA20 (T-Mobile)	180	(2) JAHH-65B-R3B on mount (Verizon)	110
AIR6449 B41 (T-Mobile)	180	(2) APL-866513-42T6 (Verizon)	110
AIR6449 B41 (T-Mobile)	180	GPS antenna (Verizon)	110
AIR6449 B41 (T-Mobile)	180	(2) APL-866513-42T9 (Verizon)	110
Radio 4449 B71/B85 (T-Mobile)	180	(2) APL-866513-42T9 (Verizon)	110
Radio 4449 B71/B85 (T-Mobile)	180	C-band 64T64R MMU (Verizon)	110
Radio 4449 B71/B85 (T-Mobile)	180	C-band 64T64R MMU (Verizon)	110
Radio 4424 B25 (T-Mobile)	180	C-band 64T64R MMU (Verizon)	110
Radio 4424 B25 (T-Mobile)	180	6' pipe mount (Verizon)	110
Radio 4424 B25 (T-Mobile)	180	6' pipe mount (Verizon)	110
Twin style 1B TMA (T-Mobile)	180	6' pipe mount (Verizon)	110
Twin style 1B TMA (T-Mobile)	180	9' pipe mount (Verizon)	110
Twin style 1B TMA (T-Mobile)	180	9' pipe mount (Verizon)	110
SBX1926Q-43 (T-Mobile)	180	9' pipe mount (Verizon)	110
SBX1926Q-43 (T-Mobile)	180	B2/B66A Dual RRH (Verizon)	110
SBX1926Q-43 (T-Mobile)	180	B2/B66A Dual RRH (Verizon)	110
(2) MetroPCS Antenna (MetroPCS)	138	B2/B66A Dual RRH (Verizon)	110
(2) MetroPCS Antenna (MetroPCS)	138	B5/B13 Dual RRH (Verizon)	110
(2) MetroPCS Antenna (MetroPCS)	138	B5/B13 Dual RRH (Verizon)	110
mounting frames w/stable bar (MetroPCS)	138	B5/B13 Dual RRH (Verizon)	110
		CBC78T-DS-43-2X (Verizon)	110
mounting frames w/stable bar (MetroPCS)	138	CBC78T-DS-43-2X (Verizon)	110
		CBC78T-DS-43-2X (Verizon)	110
mounting frames w/stable bar (MetroPCS)	138	RRFDC-3315-PF-48 (Verizon)	110
		RRFDC-4750-PF-48 (Verizon)	110
VHLP1-23-2WH (Clearwire)	121	Rohn 6'x15' Boom Gate (Verizon)	110
VHLP1-23-2WH (Clearwire)	121	Rohn 6'x15' Boom Gate (Verizon)	110
VHLP2.5-11-4WH (Clearwire)	121	4' Side Arm	100
NNVV-65B-R4 (Sprint)	118	TV 65 antenna	100
NNVV-65B-R4 (Sprint)	118	TV 65 antenna	100

SYMBOL LIST

MARK	SIZE	MARK	SIZE
A	ROHN 3 STD	C	L3x3x1/4
B	L1 3/4x1 3/4x3/16		

MATERIAL STRENGTH

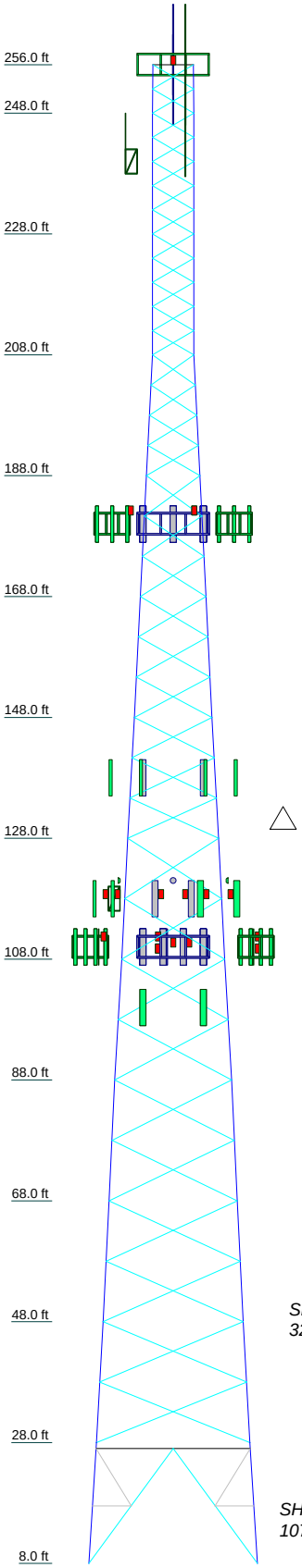
GRADE	Fy	Fu	GRADE	Fy	Fu
A572-50	50 ksi	65 ksi			

Consulting Engineers

KM Consulting Engineers, Inc.
262 Upper Ferry Road
Ewing, NJ 08628
Phone: (609) 538-0400
FAX:

Job:	***Bridgeport 250' Rohn Self-Support Towe***		
Project:	***181110.01***		
Client: Dewberry Engineers Inc.	Drawn by: DCA	App'd:	
Code: TIA-222-G	Date: 11/19/20	Scale: NTS	
Path: K:\Dewberry\Bridgeport\Engineering\Bridgeport LC1.eri		Dwg No. E-1	

Section	T13	T12	T11	T10	T9	T8	T7	T6	T5	T4	T3	T2	T1
Legs		P10x.5			ROHN 8 EH	ROHN 8 EHS		ROHN 6 EH		ROHN 5 EH	ROHN 4 EH	ROHN 3 EH	A
Leg Grade							A572-50						
Diagonals	ROHN 3 STD		L5x5x3/8		L4x4x0.31	L4x4x3/8	L3x3x1/4		L2 1/2x2 1/2x1/4		L2x2x1/4		B
Diagonal Grade							A572-50						
Top Girts	ROHN 3 STD						N.A.						C
Red. Horizontals	ROHN 1.5 STD						N.A.						
Red. Diagonals	ROHN 1.5 STD						N.A.						
Red. Hips	ROHN 1.5 STD						N.A.						
Inner Bracing	ROHN 3 STD						N.A.						
Face Width (ft)	25.333	23.229	21.25	19.25	17.0833	14.989	12.916	10.916	8.916	6.833		6.9	6.604
# Panels @ (ft)	1 @ 19			10 @ 10			9 @ 6.66667			4 @ 5		12 @ 4	
Weight (lb)	5631.7	7164.6	6887.4	6622.3	4629.8	4196.6	3083.2	2923.5	2590.2	1965.2	1660.8	1379.5	478.2



SYMBOL LIST

MARK	SIZE	MARK	SIZE
A	ROHN 3 STD	C	L3x3x1/4
B	L1 3/4x1 3/4x3/16		

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-50	50 ksi	65 ksi			

TOWER DESIGN NOTES

1. Tower is located in Fairfield County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 97 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 50 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Structure Class II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 99.1%

ALL REACTIONS ARE FACTORED

MAX. CORNER REACTIONS AT BASE:
DOWN: 516295 lb
SHEAR: 63893 lb

UPLIFT: -443811 lb
SHEAR: 57870 lb

AXIAL 205491 lb
SHEAR 32988 lb
MOMENT 3907561 lb-ft
TORQUE 51568 lb-ft
50 mph WIND - 0.7500 in ICE

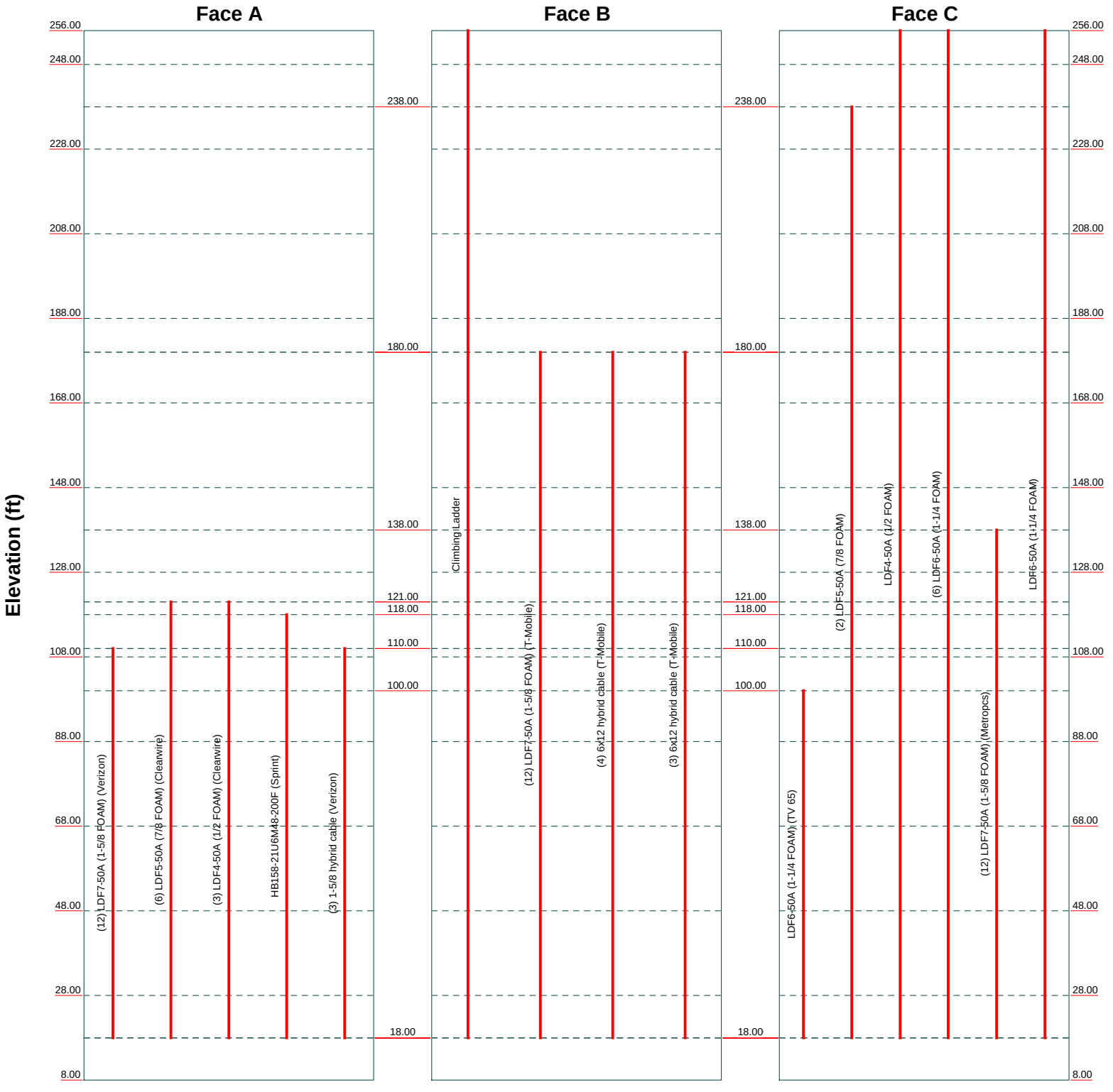
AXIAL 83866 lb
SHEAR 107304 lb
MOMENT 11771130 lb-ft
TORQUE 150202 lb-ft
REACTIONS - 97 mph WIND

KM Consulting Engineers, Inc.
262 Upper Ferry Road
Ewing, NJ 08628
Phone: (609) 538-0400
FAX:
Consulting Engineers

Job: ***Bridgeport 250' Rohn Self-Support Towe***
Project: ***181110.01***
Client: Dewberry Engineers Inc. | Drawn by: DCA | App'd:
Code: TIA-222-G | Date: 11/19/20 | Scale: NTS
Path: K:\Dewberry\Bridgeport\Engineering\Bridgeport LC1.eri | Dwg No. E-1

Feed Line Distribution Chart
8' - 256'

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



KM Consulting Engineers, Inc.
262 Upper Ferry Road
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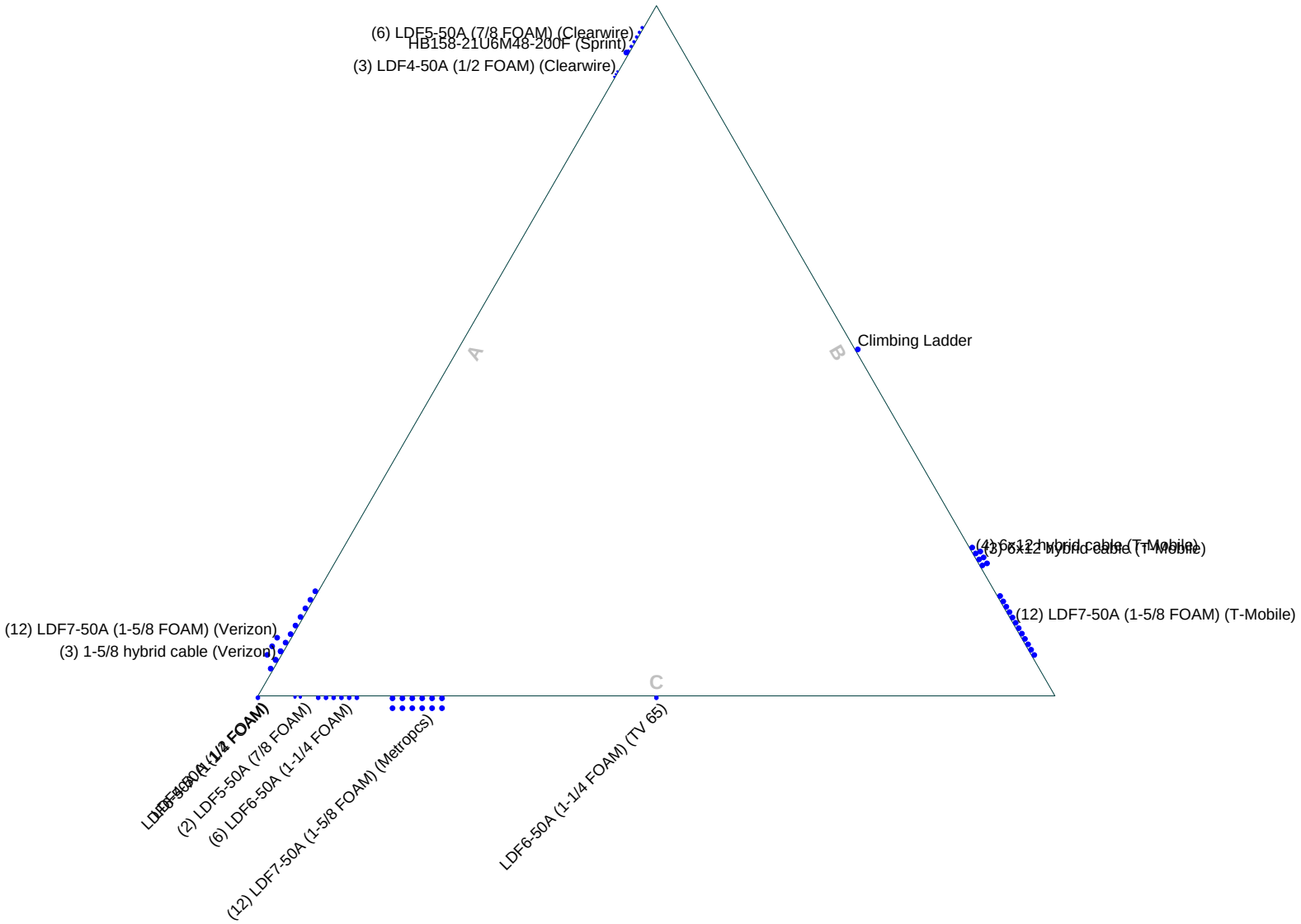
Job:	***Bridgeport 250' Rohn Self-Support Towe***		
Project:	***181110.01***		
Client:	Dewberry Engineers Inc.	Drawn by: DCA	App'd:
Code:	TIA-222-G	Date: 11/19/20	Scale: NTS
Path:	K:\Dewberry\Bridgeport\Engineering\Bridgeport LC1.eri		Dwg No. E-7

Feed Line Plan

Round Flat App In Face App Out Face



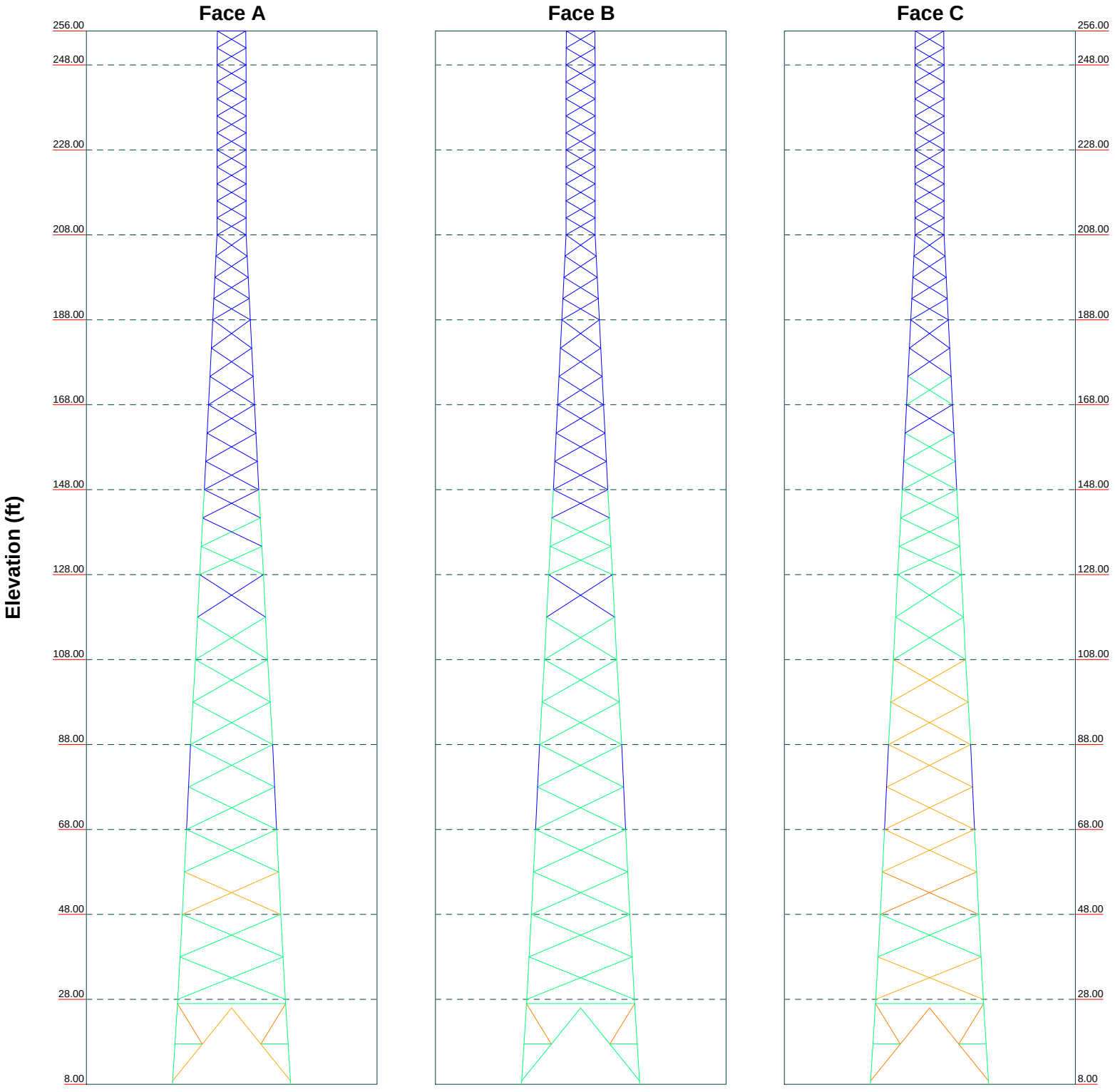
Consulting Engineers

KM Consulting Engineers, Inc.
262 Upper Ferry Road
Ewing, NJ 08628
Phone: (609) 538-0400
FAX:

Job:	***Bridgeport 250' Rohn Self-Support Towe***		
Project:	***181110.01***		
Client: Dewberry Engineers Inc.		Drawn by: DCA	App'd:
Code: TIA-222-G		Date: 11/19/20	Scale: NTS
Path: K:\Dewberry\Bridgeport\Engineering\Bridgeport LC1.eri			Dwg No. E-7

Stress Distribution Chart
8' - 256'

> 100% | 90%-100% | 75%-90% | 50%-75% | < 50% Overstress



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Code: TIA-222-G		Date: 11/19/20	Scale: NTS
Path: K:\Dewberry\Bridgeport\Engineering\Bridgeport LC1.eri			Dwg No. E-8

Section Capacity Table

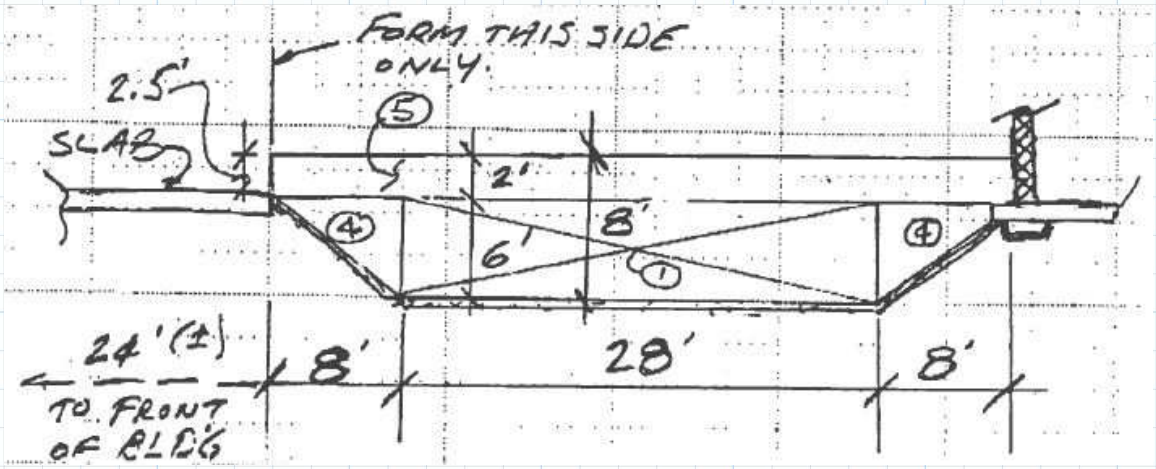
Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
T1	256 - 248	Leg	ROHN 3 STD	1	-4849.17	88543.60	5.5	Pass
		Diagonal	L1 3/4x1 3/4x3/16	11	-1869.74	7836.45	23.9	Pass
		Top Girt	L3x3x1/4	5	-677.53	19705.80	3.4	Pass
T2	248 - 228	Leg	ROHN 3 EH	19	-27893.50	119117.00	23.4	Pass
		Diagonal	L2x2x1/4	23	-3460.85	15423.50	22.4	Pass
							29.5 (b)	
T3	228 - 208	Leg	ROHN 4 EH	52	-62676.50	183589.00	34.1	Pass
		Diagonal	L2x2x1/4	56	-5055.92	16011.80	31.6	Pass
							41.1 (b)	
T4	208 - 188	Leg	ROHN 5 EH	85	-86259.90	254372.00	33.9	Pass
		Diagonal	L2x2x1/4	89	-3351.01	9442.17	35.5	Pass
T5	188 - 168	Leg	ROHN 6 EH	112	-112868.00	343100.00	32.9	Pass
		Diagonal	L2 1/2x2 1/2x1/4	115	-6285.87	11996.10	52.4	Pass
T6	168 - 148	Leg	ROHN 6 EH	134	-146598.00	343100.00	42.7	Pass
		Diagonal	L3x3x1/4	136	-7687.47	16173.10	47.5	Pass
							53.7 (b)	
T7	148 - 128	Leg	ROHN 6 EH	155	-182829.00	343092.00	53.3	Pass
		Diagonal	L3x3x1/4	157	-9413.67	12584.10	74.8	Pass
T8	128 - 108	Leg	ROHN 8 EHS	176	-222407.00	386381.00	57.6	Pass
		Diagonal	L4x4x3/8	178	-14091.30	30486.60	46.2	Pass
							65.3 (b)	
T9	108 - 88	Leg	ROHN 8 EH	191	-274415.00	505517.00	54.3	Pass
		Diagonal	L4x4x0.31	193	-17630.90	21205.70	83.1	Pass
							84.5 (b)	
T10	88 - 68	Leg	P10x.5	206	-331688.00	668659.00	49.6	Pass
		Diagonal	L5x5x3/8	208	-21096.00	43484.70	48.5	Pass
							86.6 (b)	
T11	68 - 48	Leg	P10x.5	221	-392238.00	668663.00	58.7	Pass
		Diagonal	L5x5x3/8	223	-23824.20	37294.00	63.9	Pass
							94.2 (b)	
T12	48 - 28	Leg	P10x.5	235	-453406.00	668640.00	67.8	Pass
		Diagonal	L5x5x3/8	239	-26549.80	31978.80	83.0	Pass
T13	28 - 8	Leg	P10x.5	250	-472013.00	711505.00	66.3	Pass
		Diagonal	ROHN 3 STD	259	-37472.80	38509.50	97.3	Pass
		Top Girt	ROHN 3 STD	253	-22683.20	31030.70	73.1	Pass
		Redund Horz 1 Bracing	ROHN 1.5 STD	274	-8191.44	13888.30	59.0	Pass
		Redund Diag 1 Bracing	ROHN 1.5 STD	258	-7156.40	7217.78	99.1	Pass
		Redund Hip 1 Bracing	ROHN 1.5 STD	278	-121.96	12002.20	1.0	Pass
		Redund Hip Diagonal 1 Bracing	ROHN 1.5 STD	269	-87.96	2211.89	4.0	Pass
		Inner Bracing	ROHN 3 STD	282	-392.88	29213.70	24.5	Pass
							Summary	
						Leg (T12)	67.8	Pass
						Diagonal (T13)	97.3	Pass
						Top Girt (T13)	73.1	Pass
						Redund Horz 1 Bracing (T13)	59.0	Pass
						Redund Diag 1 Bracing	99.1	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
						(T13) Redund Hip 1 Bracing	1.0	Pass
						(T13) Redund Hip Diagonal 1 Bracing	4.0	Pass
						(T13) Inner Bracing	24.5	Pass
						(T13) Bolt Checks	94.2	Pass
						RATING =	**99.1**	**Pass**

KM Consulting Engineers, Inc.
262 Upper Ferry Road
Ewing, NJ 08628

Tel.: (609) 538-0400
www.kmengr.com
Email: info@kmengr.com

Foundation Calculations



Volume of Foundation:

$V_1 := 6\ \text{ft} \cdot 28\ \text{ft} \cdot 31\ \text{ft} = 5208.0\ \text{ft}^3$

$V_2 := -1 \cdot \frac{1}{2} \cdot 2.83\ \text{ft} \cdot 4\ \text{ft} \cdot 28\ \text{ft} \cdot 2 = -317.0\ \text{ft}^3$

$V_3 := 1\ \text{ft} \cdot 1.67\ \text{ft} \cdot 44\ \text{ft} \cdot 2 = 147.0\ \text{ft}^3$

$V_4 := \frac{1}{2} \cdot 6\ \text{ft} \cdot 8\ \text{ft} \cdot 31\ \text{ft} \cdot 2 = 1488.0\ \text{ft}^3$

$V_5 := 2\ \text{ft} \cdot 33\ \text{ft} \cdot 44\ \text{ft} = 2904.0\ \text{ft}^3$

$V_{total} := V_1 + V_2 + V_3 + V_4 + V_5 = 9430.0\ \text{ft}^3$

Weight of Foundation:

$W_{found} := V_{total} \cdot 150\ \frac{\text{lbf}}{\text{ft}^3} = 1414.5\ \text{kip}$

Resisting Moment:

$\phi := 0.75$

$M_{found} := W_{found} \cdot 16.5\ \text{ft} \cdot \phi = 17504.4\ \text{kip} \cdot \text{ft}$

Maser Consulting Connecticut
2000 Midlantic Drive Suite 100
Mt. Laurel, NJ 08054
856.797.0412
gdulnik@maserconsulting.com

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10017681
Maser Consulting Connecticut Project #: 20777258A

November 16, 2020

Site Information	*Site ID:*	*469269-VZW / Bridgeport SW*
	Site Name:	*Bridgeport SW*
	Carrier Name:	*Verizon Wireless*
	Address:	*623 Pine St* *Bridgeport, Connecticut 06605* *Fairfield County*
	Latitude:	*41.166194°*
	Longitude:	*-73.217056°*
Structure Information	*Tower Type:*	*Self Support*
	Mount Type:	*12.33-Ft Sector Frame*

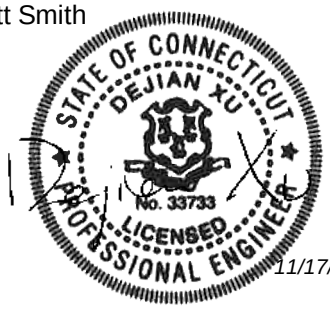
FUZE ID # 16231834

Analysis Results

Sector Frame: **59.6% Pass**

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

Report Prepared By: Garrett Smith



11/17/2020

Executive Summary:

The objective of this report is to determine the capacity of the antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. Any modification listed under Sources of Information was assumed completed and was included in this analysis.

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: 323480, dated October 5, 2020*
Mount Mapping Report	*Tower Engineering Professionals Site ID: 469269, dated Novemebr 2, 2020*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	119 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:	0.214
	S_1:	0.054
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
109.00	110.00	3	-	nL-Sub 6 Antenna	Added
		3	Commscope	CBC78T-DS-43-2X	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		6	Commscope	JAHH-65B-R3B	Retained
		6	RFS	APL866513	
		2	Raycap	RRFDC-1064-PF-48	
		1	Raycap	RRFDC-3315-PF-48*	
		1	Raycap	RRFDC-4750-PF-48*	

* Equipment are mounted to tower. They are not mounted on the sector frame and are not considered in this mount analysis.

Standard Conditions:

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

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

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

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

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

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

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

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

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

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
Antenna Pipe	*20.9%*	*Pass*
Standoff Horizontal	*30.7%*	*Pass*
Standoff Vertical	*56.4%*	*Pass*
Standoff Diagonal	*8.4%*	*Pass*
Face Horizontal	*32.1%*	*Pass*
Tie Back	*59.6%*	*Pass*
Standoff Bar	*55.5%*	*Pass*
Mount Angle	*30.3%*	*Pass*
Connection Check	*33.4%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**59.6%**

Recommendation:

The existing mounts are **SUFFICIENT** for the final loading configuration and do not require modifications.

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

Attachments:

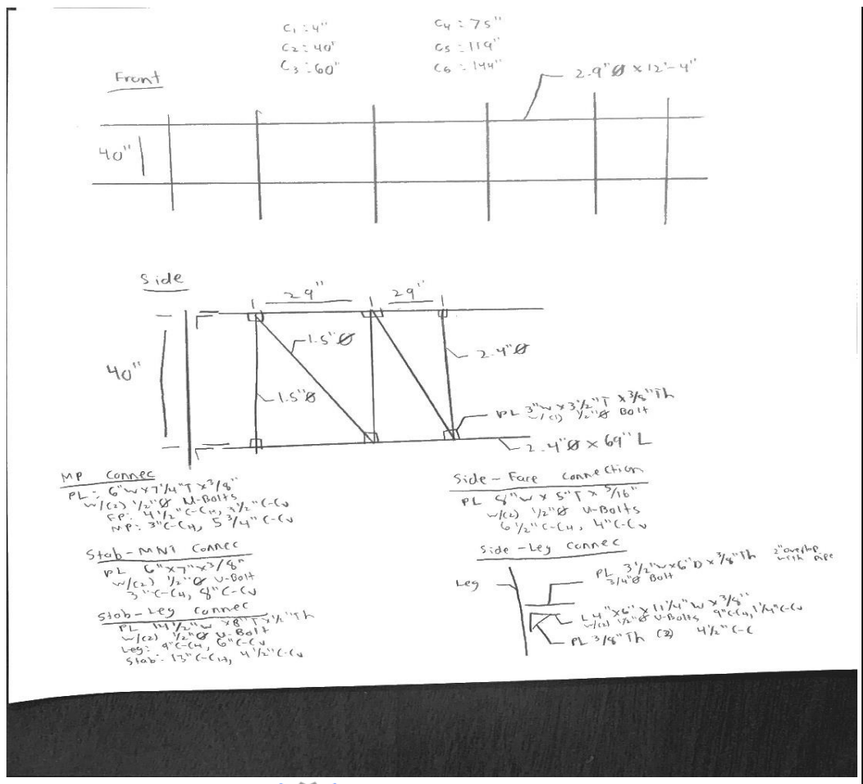
1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Letter

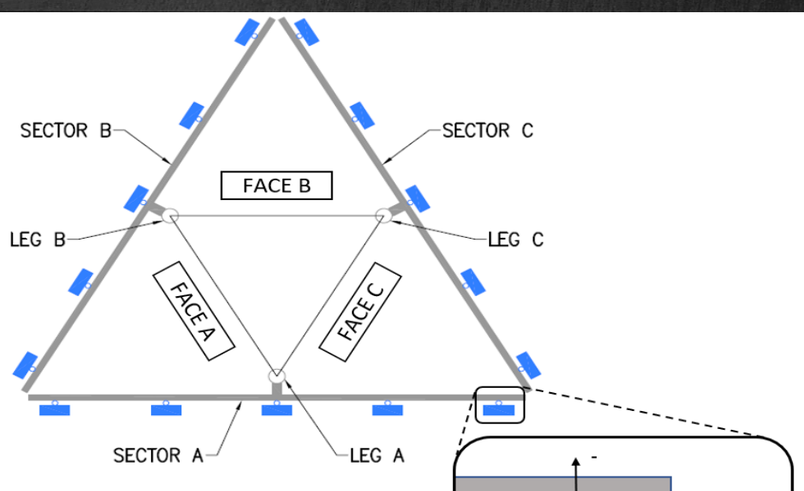
V3.0 Updated on 8-31-2020

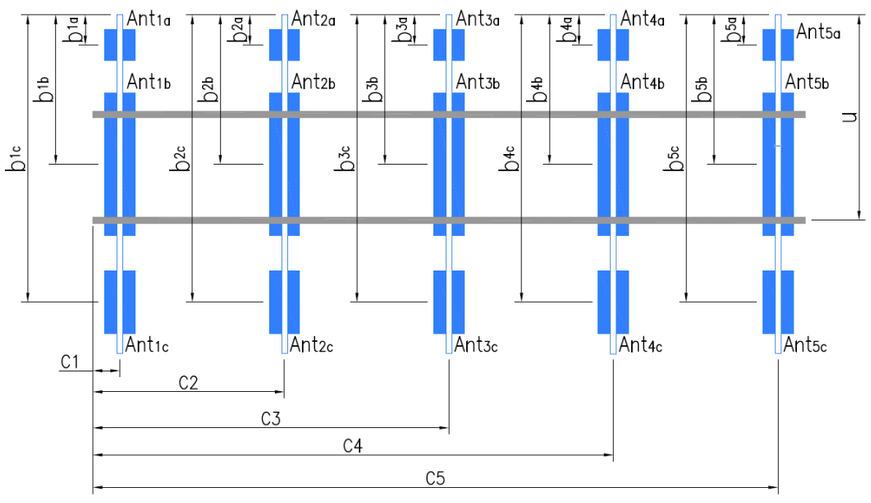
Antenna Mount Mapping Form (PATENT PENDING)

FCC #
N/A

Tower Owner:	Radio Communications Corporation	**Mapping Date:**	11/2/2020
Site Name:	Bridgeport	**Tower Type:**	Self Support
Site Number or ID:	469269	**Tower Height (Ft.):**	Unknown
Mapping Contractor:	TEP	**Mount Elevation (Ft.):**	97.5







Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2.4"Øx0.154"x72"	55.50	4.00	C1	2.4"Øx0.154"x72"	55.50	4.00
A2	2.4"Øx0.154"x72"	55.50	40.00	C2	2.4"Øx0.154"x72"	55.50	40.00
A3	2.4"Øx0.154"x72"	55.50	119.00	C3	2.4"Øx0.154"x72"	55.50	119.00
A4	2.4"Øx0.154"x72"	55.50	144.00	C4	2.4"Øx0.154"x72"	55.50	144.00
A5				C5			
A6				C6			
B1	2.4"Øx0.154"x72"	55.50	4.00	D1			
B2	2.4"Øx0.154"x72"	55.50	40.00	D2			
B3	2.4"Øx0.154"x72"	55.50	119.00	D3			
B4	2.4"Øx0.154"x72"	55.50	144.00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	20.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	

Please enter additional infomation or comments below.

(2) additional pipes on face not included above: (1) 2.4"Øx0.154", "u": 55.5", "C": 60"

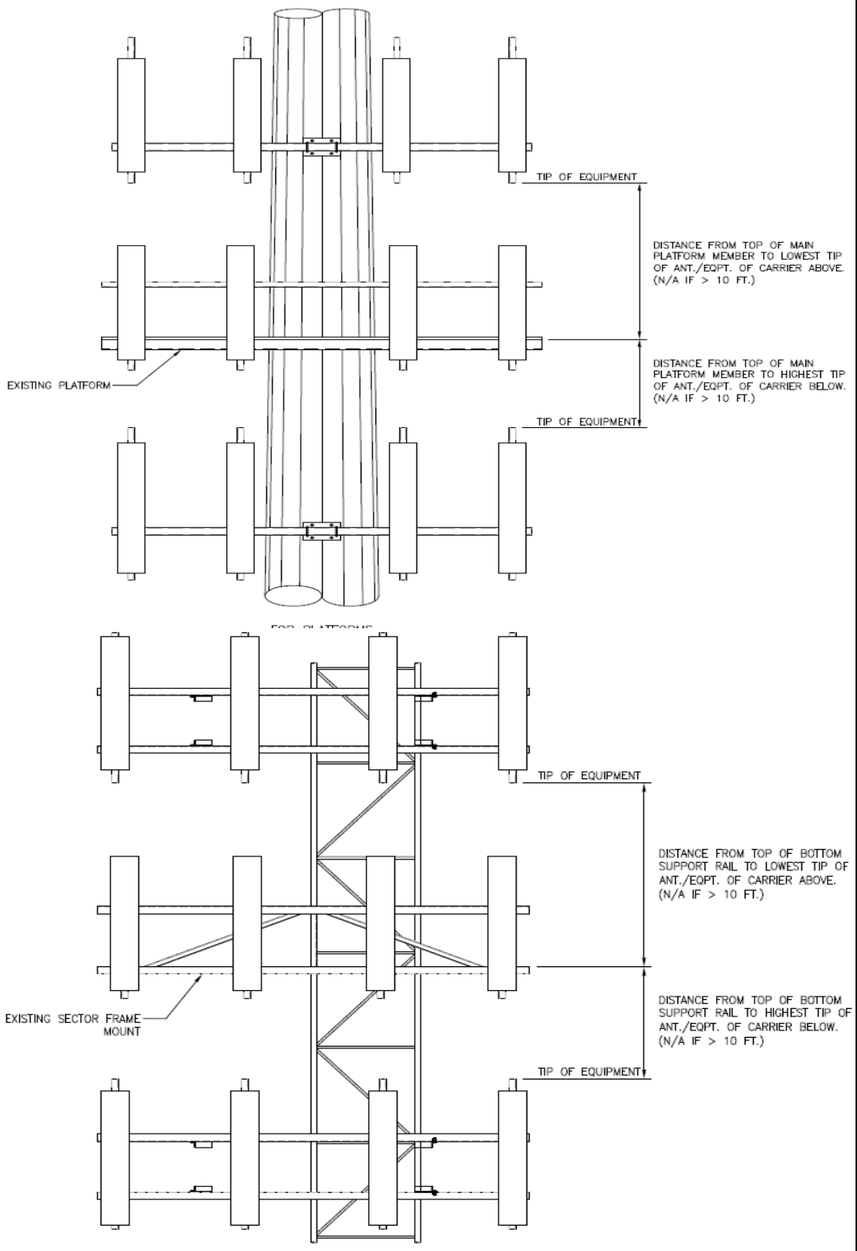
(1) 2.4"Øx0.154"x9', "u": 63", "C": 75"

Tower Face Width at Mount Elev. (ft.):	14	Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	8.65

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	UKNOWN	9.50	8.00	48.00		97.9583	30.00	9.00	330.00	81
Ant_{1c}	RRFDC-1064-PF-48 (M	15.73	10.30	28.93		99.7083	9.00	-5.50		84
Ant_{2a}	B13 RRH4x30	11.97	7.18	21.20		97.375	37.00	-7.50		99
Ant_{2b}	(2) JAHH-65B-R3B	13.78	8.19	71.97		98.3333	25.50	13.00	330.00	90,93
Ant_{2c}	B66a RRH 4x45	12.00	7.30	25.80		99.9167	6.50	-7.50		96
Ant_{3a}										
Ant_{3b}	JAHH-65B-R3B	13.78	8.19	71.97		98.3333	25.50	13.00	330.00	112
Ant_{3c}	B25 RRH 4x30	11.97	7.18	21.20		97.875	31.00	7.50		115
Ant_{4a}										
Ant_{4b}	UKNOWN	9.50	8.00	48.00		97.9583	30.00	9.00	330.00	120
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	RRFDC-4750-PF-48 (M	15.73	10.25	25.66						57
Ant on Tower	RRFDC-3315-PF-48 (M	15.73	10.30	28.93						59

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	330.00	Deg	Leg A:	325.00	Deg
Sector B:	80.00	Deg	Leg B:	85.00	Deg
Sector C:	200.00	Deg	Leg C:	205.00	Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	330.00	Deg	On Leg A
Climbing Facility	Corrosion Type:		
	Access:		
	Condition:		



Sector B

Ant_{1a}										
Ant_{1b}	UKNOWN	9.50	8.00	48.00		97.9583	30.00	9.00	80.00	183
Ant_{1c}	RRFDC-1064-PF-48 (M	15.73	10.30	28.93		99.7083	9.00	-5.50		183
Ant_{2a}	B13 RRH4x30	11.97	7.18	21.20		97.375	37.00	-7.50		183
Ant_{2b}	(2) JAHH-65B-R3B	13.78	8.19	71.97		98.3333	25.50	13.00	80.00	183
Ant_{2c}	B66a RRH 4x45	12.00	7.30	25.80		99.9167	6.50	-7.50		183
Ant_{3a}										
Ant_{3b}	JAHH-65B-R3B	13.78	8.19	71.97		98.3333	25.50	13.00	80.00	183
Ant_{3c}	B25 RRH 4x30	11.97	7.18	21.20		97.875	31.00	7.50		183
Ant_{4a}										
Ant_{4b}	UKNOWN	9.50	8.00	48.00		97.9583	30.00	9.00	80.00	184
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Sector C

Ant_{1a}										
Ant_{1b}	UKNOWN	9.50	8.00	48.00		97.9583	30.00	9.00	200.00	193
Ant_{1c}	RRFDC-1064-PF-48 (M	15.73	10.30	28.93		99.7083	9.00	-5.50		
Ant_{2a}	B13 RRH4x30	11.97	7.18	21.20		97.375	37.00	-7.50		
Ant_{2b}	(2) JAHH-65B-R3B	13.78	8.19	71.97		98.3333	25.50	13.00	200.00	
Ant_{2c}	B66a RRH 4x45	12.00	7.30	25.80		99.9167	6.50	-7.50		
Ant_{3a}										
Ant_{3b}	JAHH-65B-R3B	13.78	8.19	71.97		98.3333	25.50	13.00	200.00	190
Ant_{3c}	B25 RRH 4x30	11.97	7.18	21.20		97.875	31.00	7.50		190
Ant_{4a}										
Ant_{4b}	UKNOWN	9.50	8.00	48.00		97.9583	30.00	9.00	200.00	190
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	GPS	2.00	1.50	4.00			65.00	3.00		191
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Sector D

Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2		
3		
4		
5		
6		
7		
8		

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

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

V3.0 Updated on 8-31-2020

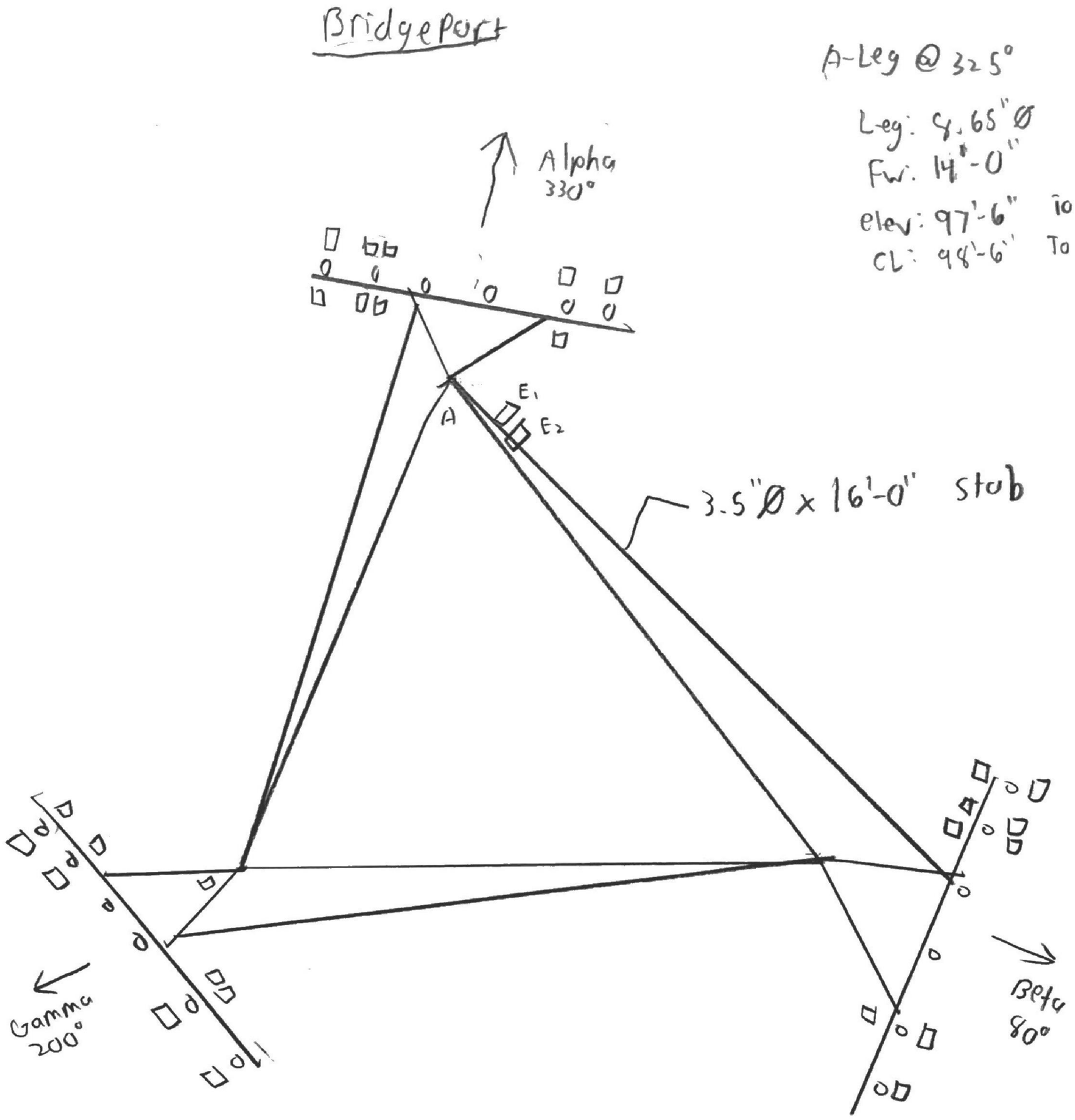
Antenna Mount Mapping Form (PATENT PENDING)

FCC #
N/A

Tower Owner:	Radio Communications Corporation	**Mapping Date:**	11/2/2020
Site Name:	Bridgeport	**Tower Type:**	Self Support
Site Number or ID:	469269	**Tower Height (Ft.):**	Unknown
Mapping Contractor:	TEP	**Mount Elevation (Ft.):**	97.5

Please Insert Sketches of the Antenna Mount

Bridgeport



A-Leg @ 325°

Leg: 8.65" Ø
Fw: 14'-0"
elev: 97'-6" to roof
CL: 98'-6" To roof

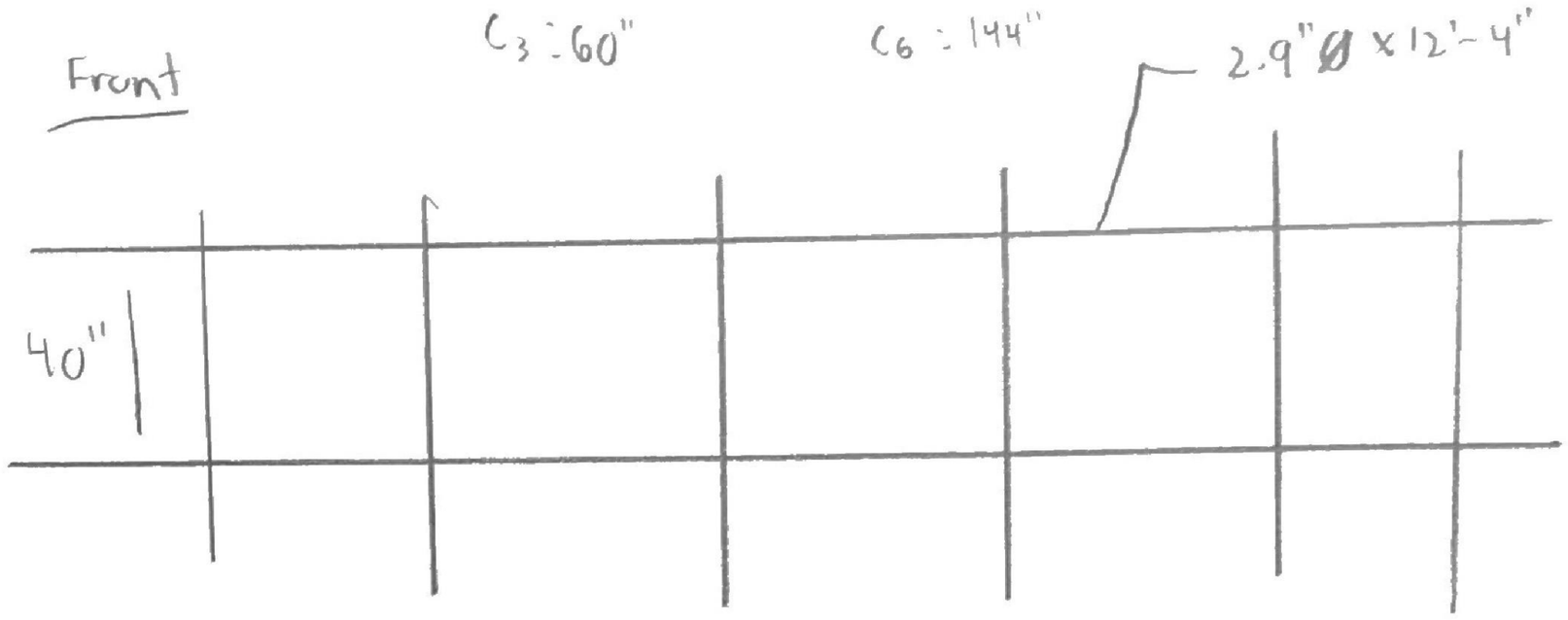
E1: RRFDC-3315-PF-48

E2: RRFDC-4750-PF-48

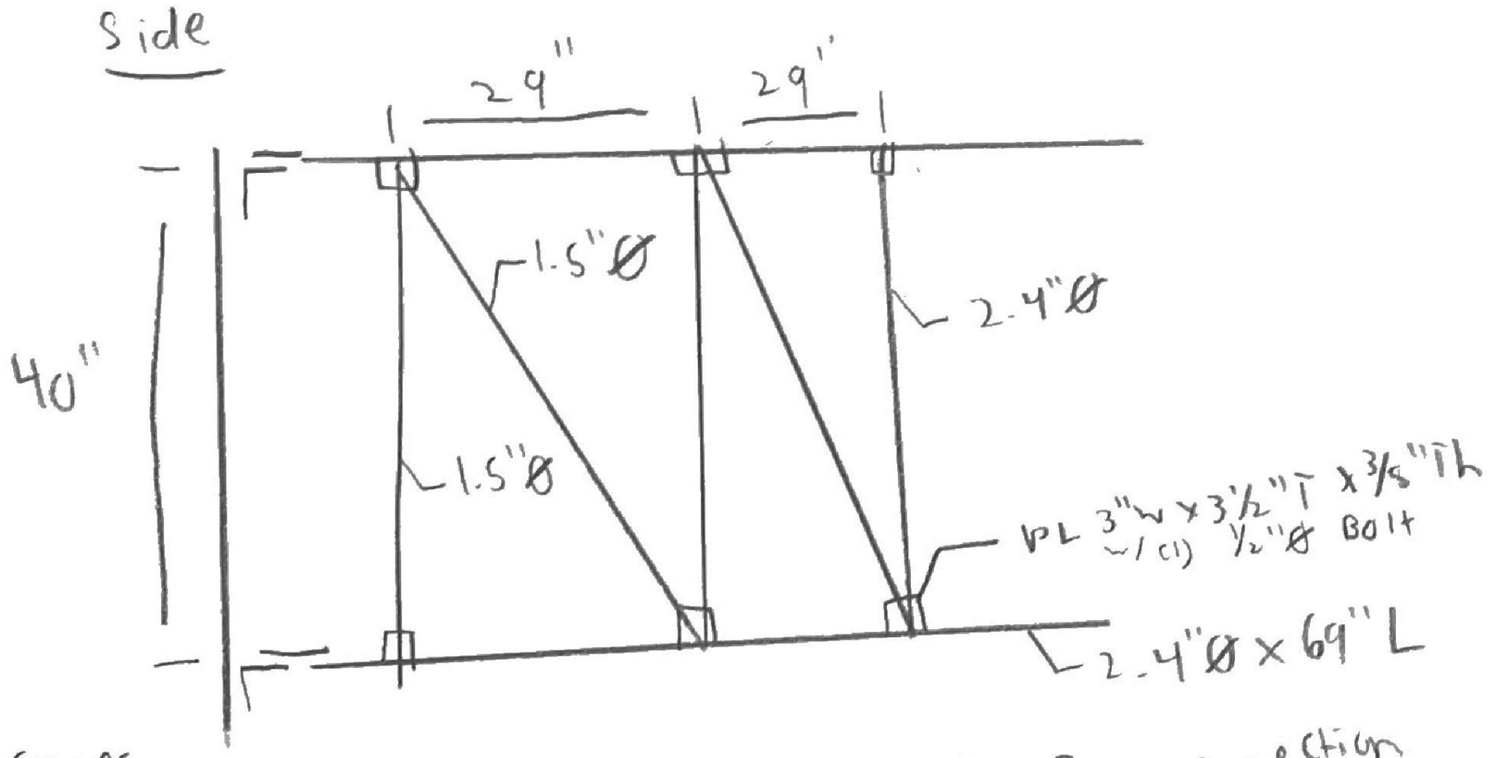
Please Insert Sketches of the Antenna Mount, cont'd

C_1 : 4"
C_2 : 40"
C_3 : 60"
C_4 : 75"
C_5 : 119"
C_6 : 144"

Front



Side

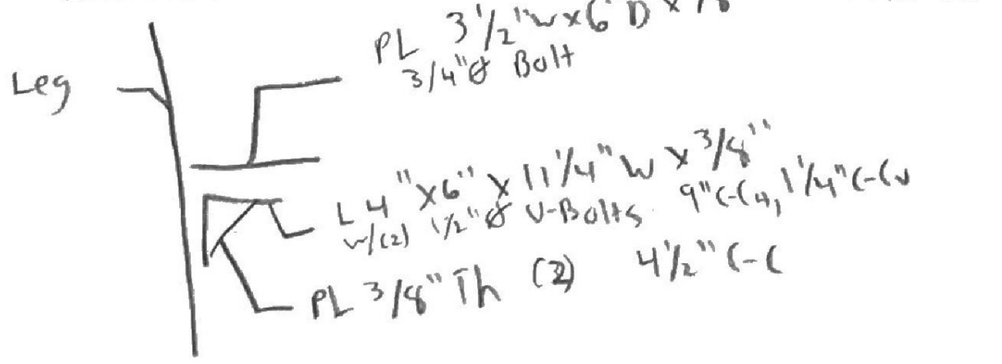


MP Connec
PL: 6"W x 7¼"T x ⅜"
w/(2) ½"Ø U-Bolts
FP: 4½"C-C(H), 3½"C-C(V
MP: 3"C-C(H), 5¾"C-C(V

Side - Face Connection
PL 4"W x 5"T x 5/16"
w/(2) ½"Ø U-Bolts
6½"C-C(H, 4"C-C(V

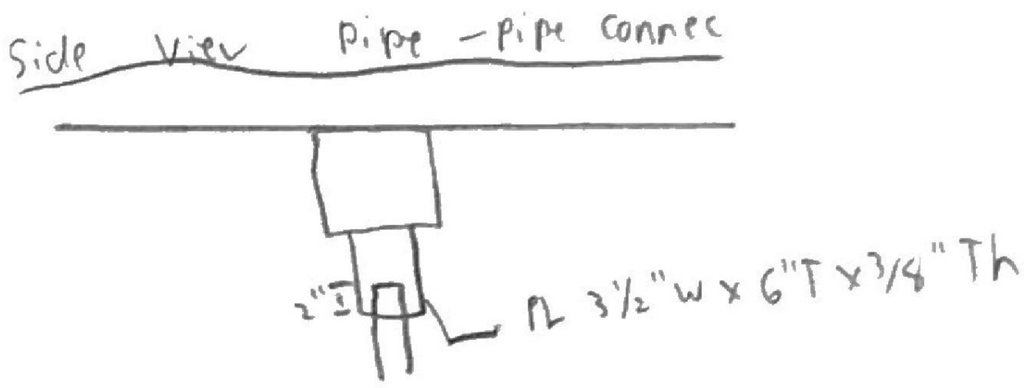
Stab - MNT Connec
PL 6"x7"x⅜"
w/(2) ½"Ø U-Bolt
3"C-C(H, 8"C-C(V

Side - Leg Connec



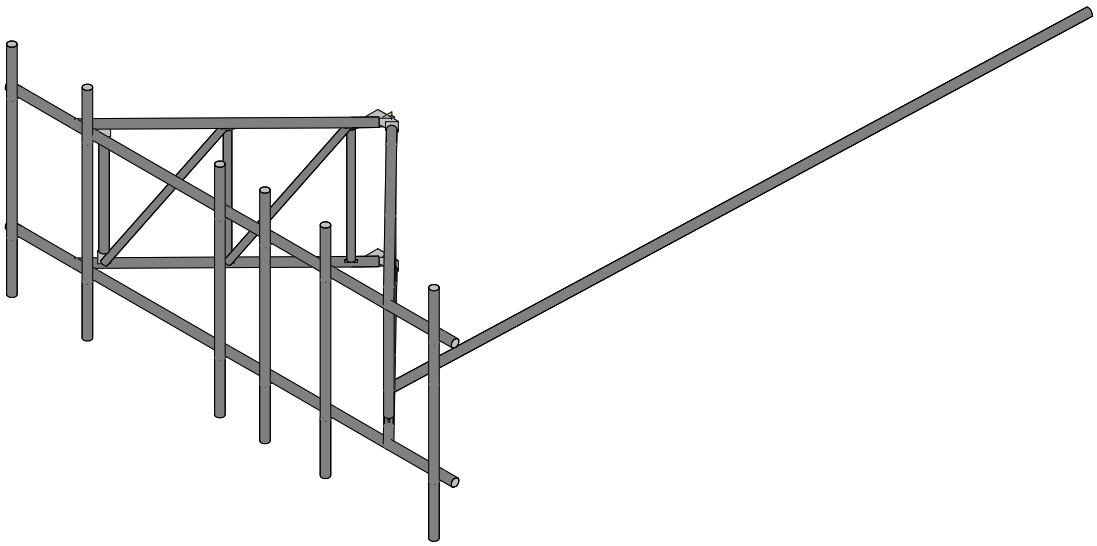
Stab - Leg Connec
PL 14½"W x 8"T x ½"Th
w/(2) ½"Ø U-Bolt
Leg: 9"C-C(H, 6"C-C(V
Stab: 13"C-C(H, 4½"C-C(V

Please Insert Sketches of the Antenna Mount, cont'd

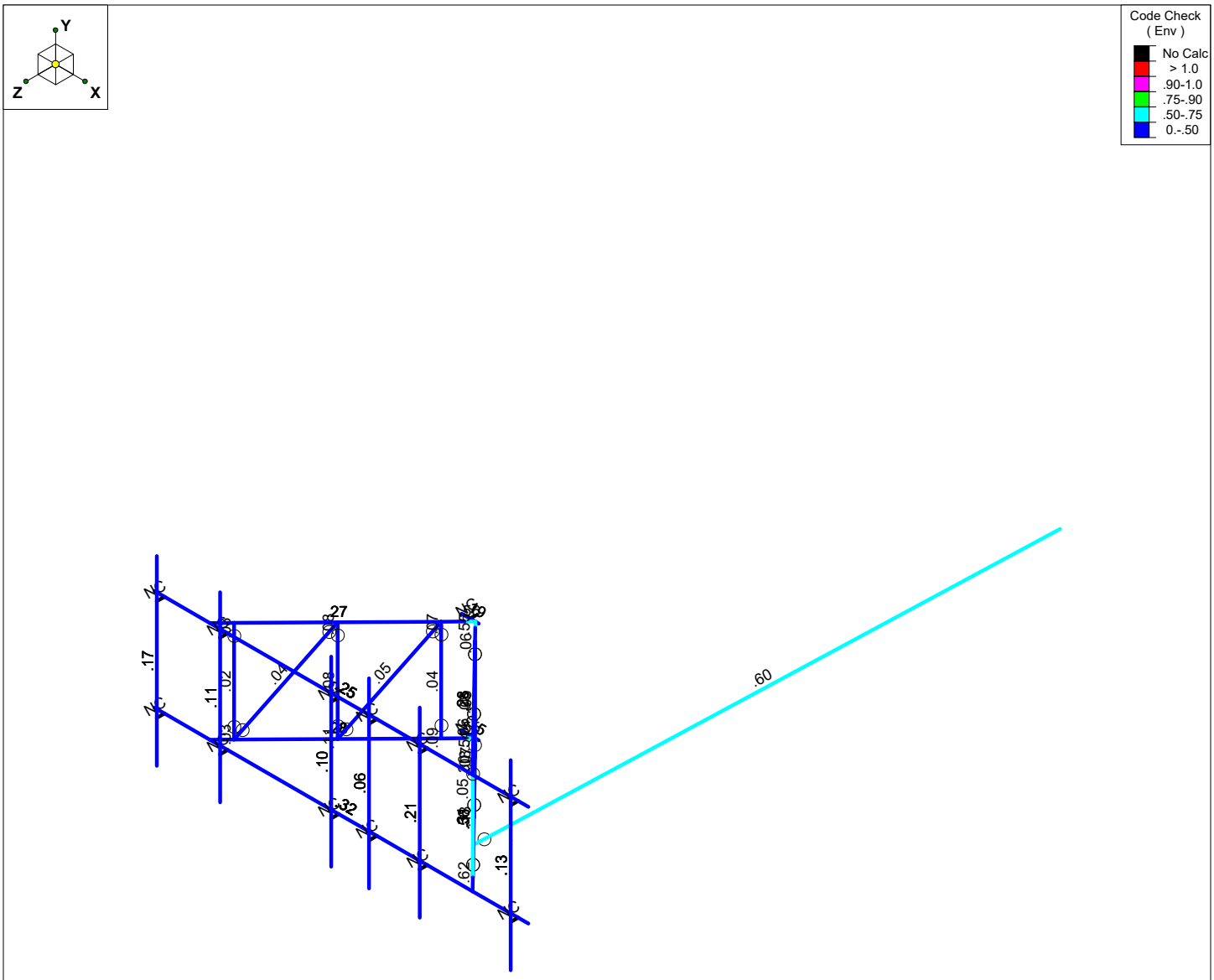


Alpha / Beta / Gamma ANT + Equipment

	M P	Model	Y	B	H
A_1	2.4" ∅ x 6'	9½" W x 8" D x 4' T Panel	55½"	30"	9"
A_2	↓	(2) JAHH-6SB-R3B	↓	25½"	13"
A_3	↓	Empty	↓	—	—
A_4	2.4" ∅ x 9'	Empty	63"	—	—
A_5	2.4" ∅ x 6'	JAHH-6SB-R3B	55½"	25½"	13"
A_6	↓	9½" W x 8" D x 4' T Panel	↓	30"	9"
E_1	Pos 1	RRF-DC-1064-pf-44		9"	5½"
E_2	Pos 2	B66a RRH 4x45		6½"	7½"
E_3	Pos 3	B13 RRH 4x30		37"	7½"
E_4	Pos 5	B25 RRH 4x30		31"	7½"

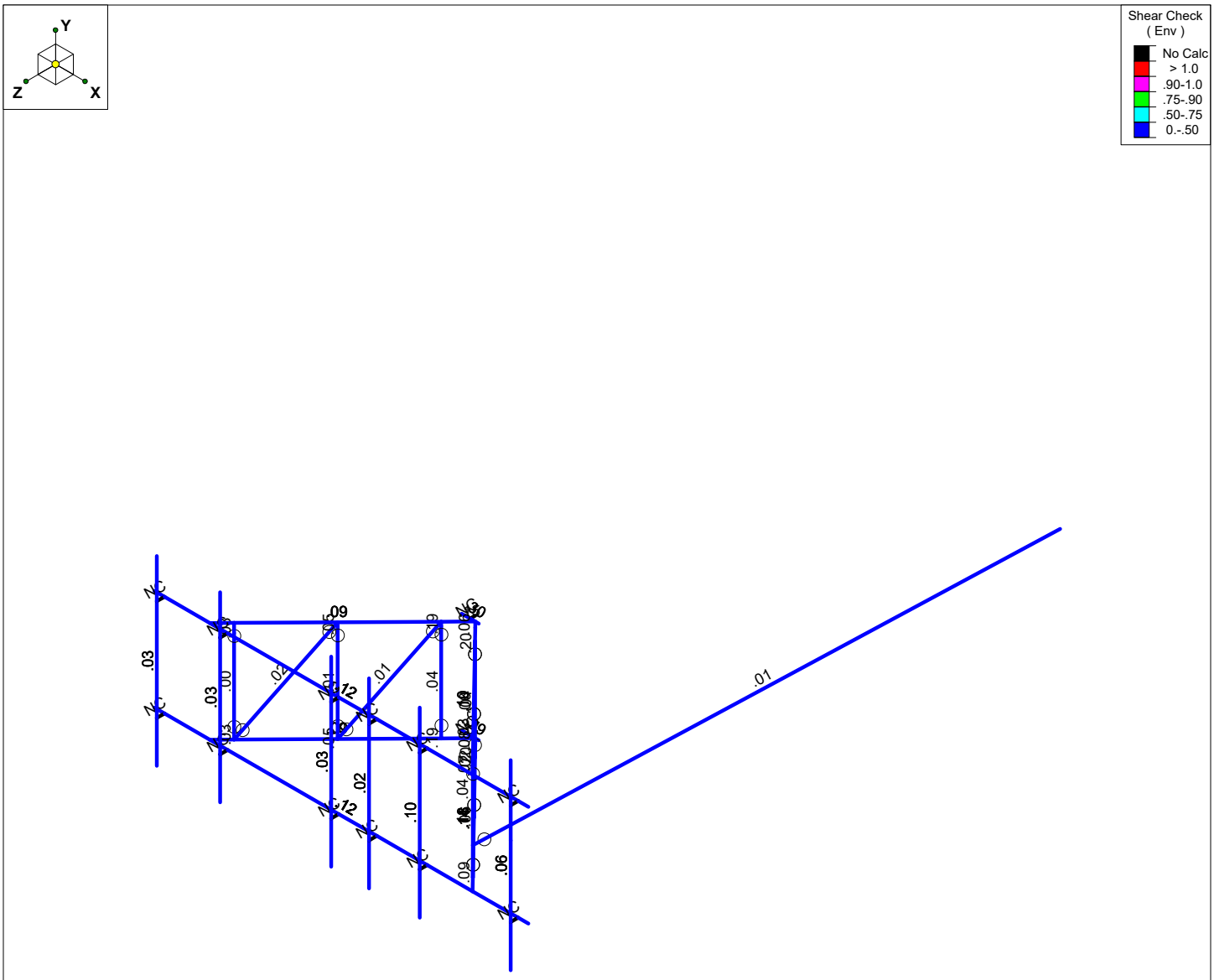


Maser Consulting	469269-VZW_MT_LOT_SectorA_H	SK - 1
		Nov 16, 2020 at 9:23 AM
		469269-VZW_MT_LOT_A_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	469269-VZW_MT_LOT_SectorA_H	SK - 2
		Nov 16, 2020 at 9:26 AM
		469269-VZW_MT_LOT_A_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	469269-VZW_MT_LOT_SectorA_H	SK - 3
		Nov 16, 2020 at 9:26 AM
		469269-VZW_MT_LOT_A_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					42			
2	Antenna Di	None					42			
3	Antenna Wo (0 Deg)	None					42			
4	Antenna Wo (30 Deg)	None					42			
5	Antenna Wo (60 Deg)	None					42			
6	Antenna Wo (90 Deg)	None					42			
7	Antenna Wo (120 Deg)	None					42			
8	Antenna Wo (150 Deg)	None					42			
9	Antenna Wo (180 Deg)	None					42			
10	Antenna Wo (210 Deg)	None					42			
11	Antenna Wo (240 Deg)	None					42			
12	Antenna Wo (270 Deg)	None					42			
13	Antenna Wo (300 Deg)	None					42			
14	Antenna Wo (330 Deg)	None					42			
15	Antenna Wi (0 Deg)	None					42			
16	Antenna Wi (30 Deg)	None					42			
17	Antenna Wi (60 Deg)	None					42			
18	Antenna Wi (90 Deg)	None					42			
19	Antenna Wi (120 Deg)	None					42			
20	Antenna Wi (150 Deg)	None					42			
21	Antenna Wi (180 Deg)	None					42			
22	Antenna Wi (210 Deg)	None					42			
23	Antenna Wi (240 Deg)	None					42			
24	Antenna Wi (270 Deg)	None					42			
25	Antenna Wi (300 Deg)	None					42			
26	Antenna Wi (330 Deg)	None					42			
27	Antenna Wm (0 Deg)	None					42			
28	Antenna Wm (30 Deg)	None					42			
29	Antenna Wm (60 Deg)	None					42			
30	Antenna Wm (90 Deg)	None					42			
31	Antenna Wm (120 Deg)	None					42			
32	Antenna Wm (150 Deg)	None					42			
33	Antenna Wm (180 Deg)	None					42			
34	Antenna Wm (210 Deg)	None					42			
35	Antenna Wm (240 Deg)	None					42			
36	Antenna Wm (270 Deg)	None					42			
37	Antenna Wm (300 Deg)	None					42			
38	Antenna Wm (330 Deg)	None					42			
39	Structure D	None		-1						
40	Structure Di	None						41		
41	Structure Wo (0 Deg)	None						82		
42	Structure Wo (30 Deg)	None						82		
43	Structure Wo (60 Deg)	None						82		
44	Structure Wo (90 Deg)	None						82		
45	Structure Wo (120 D...	None						82		
46	Structure Wo (150 D...	None						82		
47	Structure Wo (180 D...	None						82		
48	Structure Wo (210 D...	None						82		
49	Structure Wo (240 D...	None						82		
50	Structure Wo (270 D...	None						82		
51	Structure Wo (300 D...	None						82		
52	Structure Wo (330 D...	None						82		
53	Structure Wi (0 Deg)	None						82		
54	Structure Wi (30 Deg)	None						82		
55	Structure Wi (60 Deg)	None						82		
56	Structure Wi (90 Deg)	None						82		

Basic Load Cases (Continued)

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

Load Combinations

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1														
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0Di + 1.0Wi (60 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (90 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (240 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5Lm1 + 1.0Wm (0 De...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5Lm1 + 1.0Wm (30 D...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												
27	1.2D + 1.5Lm1 + 1.0Wm (60 D...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1												
28	1.2D + 1.5Lm1 + 1.0Wm (90 D...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1												

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
29	1.2D + 1.5Lm1 + 1.0Wm (120 ..	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (150 ..	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (180 ..	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (210 ..	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (240 ..	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (270 ..	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (300 ..	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (330 ..	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 De..	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30 D..	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60 D..	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90 D..	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (120 ..	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (150 ..	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (180 ..	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 ..	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (240 ..	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 ..	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (300 ..	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 ..	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + 1.0Eh (0 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0Eh (30 Deg)		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.8...										
55	1.2D + 1.0Ev + 1.0Eh (60 Deg)		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0Eh (90 Deg)		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0Eh (120 Deg)		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0Eh (150 Deg)		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0Eh (180 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0Eh (210 Deg)		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0Eh (240 Deg)		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0Eh (270 Deg)		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0Eh (300 Deg)		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0Eh (330 Deg)		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.8...										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	-0.166667	0	0.166667	0	
2	N2	-0.614583	0	0.166667	0	
3	N3	-0.052083	0	0.166667	0	
4	N4	-0.333333	0	0	0	
5	N5	-0.166667	-3.333333	0.166667	0	
6	N6	-0.614583	-3.333333	0.166667	0	
7	N7	-0.052083	-3.333333	0.166667	0	
8	N10	-4.5	0	4.583333	0	
9	N11	4.166667	0	4.583333	0	
10	N11A	-6.333333	0	4.583333	0	
11	N12	6	0	4.583333	0	
12	N14	-4.5	-3.333333	4.583333	0	
13	N15	4.166667	-3.333333	4.583333	0	
14	N16	-6.333333	-3.333333	4.583333	0	
15	N17	6	-3.333333	4.583333	0	
16	N17A	-0.341752	0	0.345119	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
17	N18	0.008419	0	0.345119	0	
18	N19	-0.341752	-3.333333	0.345119	0	
19	N20	0.008419	-3.333333	0.345119	0	
20	N21	0.38777	0	0.731765	0	
21	N22	0.38777	-3.333333	0.731765	0	
22	N23	2.08026	0	2.456803	0	
23	N24	2.08026	-3.333333	2.456803	0	
24	N25	3.77275	0	4.181841	0	
25	N26	3.77275	-3.333333	4.181841	0	
26	N27	0.38777	-3.291667	0.731765	0	
27	N28	2.08026	-3.291667	2.456803	0	
28	N29	0.38777	-.125	0.731765	0	
29	N30	2.08026	-.125	2.456803	0	
30	N31	3.77275	-3.041667	4.181841	0	
31	N32	3.77275	-0.291667	4.181841	0	
32	N33	-0.721103	0	0.731765	0	
33	N34	-0.721103	-3.333333	0.731765	0	
34	N35	-2.413593	0	2.456803	0	
35	N36	-2.413593	-3.333333	2.456803	0	
36	N37	-4.106083	0	4.181841	0	
37	N38	-4.106083	-3.333333	4.181841	0	
38	N39	-0.721103	-3.291667	0.731765	0	
39	N40	-2.413593	-3.291667	2.456803	0	
40	N41	-0.721103	-.125	0.731765	0	
41	N42	-2.413593	-.125	2.456803	0	
42	N43	-4.106083	-3.041667	4.181841	0	
43	N44	-4.106083	-0.291667	4.181841	0	
44	N45	-6	0	4.583333	0	
45	N46	-6	-3.333333	4.583333	0	
46	N47	-6	0	4.833333	0	
47	N48	-6	-3.333333	4.833333	0	
48	N49	-6	1.291667	4.833333	0	
49	N50	-6	-4.708333	4.833333	0	
50	N51	2.666667	0	4.583333	0	
51	N52	2.666667	-3.333333	4.583333	0	
52	N53	2.666667	0	4.833333	0	
53	N54	2.666667	-3.333333	4.833333	0	
54	N55	2.666667	1.291667	4.833333	0	
55	N56	2.666667	-4.708333	4.833333	0	
56	N57	5.666667	0	4.583333	0	
57	N58	5.666667	-3.333333	4.583333	0	
58	N59	5.666667	0	4.833333	0	
59	N60	5.666667	-3.333333	4.833333	0	
60	N61	5.666667	1.291667	4.833333	0	
61	N62	5.666667	-4.708333	4.833333	0	
62	N65	-0.333333	-3.333333	0	0	
63	N80	5.666667	-1	4.833333	0	
64	N66A	3.77275	-2.416667	4.181841	0	
65	N66	-3.916667	0	4.583333	0	
66	N67	-3.916667	-3.333333	4.583333	0	
67	N68	-3.916667	0	4.833333	0	
68	N69	-3.916667	-3.333333	4.833333	0	
69	N70	-3.916667	1.291667	4.833333	0	
70	N71	-3.916667	-4.708333	4.833333	0	
71	N72	1	0	4.583333	0	
72	N73	1	-3.333333	4.583333	0	
73	N74	1	0	4.833333	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
74	N75	1	-3.333333	4.833333	0	
75	N76	1	1.291667	4.833333	0	
76	N77	1	-4.708333	4.833333	0	
77	N78	-.25	0	4.583333	0	
78	N79	-.25	-3.333333	4.583333	0	
79	N80A	-.25	0	4.833333	0	
80	N81	-.25	-3.333333	4.833333	0	
81	N82	-.25	1.291667	4.833333	0	
82	N83	-.25	-4.708333	4.833333	0	
83	N84	6.833333	0	-12.124356	0	
84	N84A	-0.333333	0	0.166667	0	
85	N85	-0.333333	-3.333333	0.166667	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Antenna Pipe	PIPE_2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Standoff Horizontal	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
3	Standoff Vertical	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
4	Standoff Diagonal	PIPE_1.5	Beam	Pipe	A53 Gr. B	Typical	.749	.293	.293	.586
5	Face Horizontal	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
6	Tie Back	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
7	Standoff Bar	PL3/8X3	Beam	RECT	A36 Gr.36	Typical	1.125	.013	.844	.049
8	Mount Angle	L4X3X6	Beam	Single Angle	A36 Gr.36	Typical	2.49	1.89	3.94	.123
9	Kickers	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical	.901	.535	.535	.011

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N3		90	Mount Angle	Beam	Single Angle	A36 Gr.36	Typical
2	M2	N84A	N4			RIGID	None	None	RIGID	Typical
3	M3	N6	N7		90	Mount Angle	Beam	Single Angle	A36 Gr.36	Typical
4	M5	N1	N17A		90	Standoff Bar	Beam	RECT	A36 Gr.36	Typical
5	M6	N1	N18		90	Standoff Bar	Beam	RECT	A36 Gr.36	Typical
6	M7	N11A	N12			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
7	M8	N5	N19		90	Standoff Bar	Beam	RECT	A36 Gr.36	Typical
8	M9	N5	N20		90	Standoff Bar	Beam	RECT	A36 Gr.36	Typical
9	M10	N16	N17			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
10	M11	N17A	N10			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
11	M12	N18	N11			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
12	M13	N19	N14			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
13	M14	N20	N15			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
14	M15	N21	N29	N1		Standoff Bar	Beam	RECT	A36 Gr.36	Typical
15	M16	N21	N24		90	Standoff Diago...	Beam	Pipe	A53 Gr. B	Typical
16	M17	N23	N30	N1		Standoff Bar	Beam	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
17	M18	N23	N26		90	Standoff Diago...	Beam	Pipe	A53 Gr. B	Typical
18	M19	N26	N31	N1		Standoff Bar	Beam	RECT	A36 Gr.36	Typical
19	M20	N27	N22	N1		Standoff Bar	Beam	RECT	A36 Gr.36	Typical
20	M21	N28	N24	N1		Standoff Bar	Beam	RECT	A36 Gr.36	Typical
21	M22	N29	N27	N1		Standoff Diago...	Beam	Pipe	A53 Gr. B	Typical
22	M23	N30	N28	N1		Standoff Diago...	Beam	Pipe	A53 Gr. B	Typical
23	M24	N31	N32	N1		Standoff Vertical	Beam	Pipe	A53 Gr. B	Typical
24	M25	N32	N25	N1		Standoff Bar	Beam	RECT	A36 Gr.36	Typical
25	M26	N33	N41	N1		Standoff Bar	Beam	RECT	A36 Gr.36	Typical
26	M27	N33	N36		90	Standoff Diago...	Beam	Pipe	A53 Gr. B	Typical
27	M28	N35	N42	N1		Standoff Bar	Beam	RECT	A36 Gr.36	Typical
28	M29	N35	N38		90	Standoff Diago...	Beam	Pipe	A53 Gr. B	Typical
29	M30	N38	N43	N1		Standoff Bar	Beam	RECT	A36 Gr.36	Typical
30	M31	N39	N34	N1		Standoff Bar	Beam	RECT	A36 Gr.36	Typical
31	M32	N40	N36	N1		Standoff Bar	Beam	RECT	A36 Gr.36	Typical
32	M33	N41	N39	N1		Standoff Diago...	Beam	Pipe	A53 Gr. B	Typical
33	M34	N42	N40	N1		Standoff Diago...	Beam	Pipe	A53 Gr. B	Typical
34	M35	N43	N44	N1		Standoff Vertical	Beam	Pipe	A53 Gr. B	Typical
35	M36	N44	N37	N1		Standoff Bar	Beam	RECT	A36 Gr.36	Typical
36	M37	N45	N47			RIGID	None	None	RIGID	Typical
37	M38	N46	N48			RIGID	None	None	RIGID	Typical
38	MP4A	N50	N49			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
39	M40	N51	N53			RIGID	None	None	RIGID	Typical
40	M41	N52	N54			RIGID	None	None	RIGID	Typical
41	MP2A	N56	N55			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
42	M43	N57	N59			RIGID	None	None	RIGID	Typical
43	M44	N58	N60			RIGID	None	None	RIGID	Typical
44	MP1A	N62	N61			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
45	M46	N66A	N84			Tie Back	Beam	Pipe	A53 Gr. B	Typical
46	M46A	N85	N65			RIGID	None	None	RIGID	Typical
47	M47	N66	N68			RIGID	None	None	RIGID	Typical
48	M48	N67	N69			RIGID	None	None	RIGID	Typical
49	MP3A	N71	N70			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
50	M50	N72	N74			RIGID	None	None	RIGID	Typical
51	M51	N73	N75			RIGID	None	None	RIGID	Typical
52	M52	N77	N76			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
53	M53	N78	N80A			RIGID	None	None	RIGID	Typical
54	M54	N79	N81			RIGID	None	None	RIGID	Typical
55	M55	N83	N82			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes	** NA **			None
3	M3						Yes				None
4	M5						Yes	Default			None
5	M6						Yes	Default			None
6	M7						Yes				None
7	M8						Yes	Default			None
8	M9						Yes	Default			None
9	M10						Yes				None
10	M11						Yes				None
11	M12						Yes				None
12	M13						Yes				None
13	M14						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...
14	M15	OOOOOX					Yes				None
15	M16	BenPIN	BenPIN				Yes	Default			None
16	M17	OOOOOX					Yes				None
17	M18	BenPIN	BenPIN				Yes	Default			None
18	M19	OOOOOX					Yes				None
19	M20		OOOOOO				Yes				None
20	M21		OOOOOO				Yes				None
21	M22						Yes				None
22	M23						Yes				None
23	M24						Yes				None
24	M25		OOOOOO				Yes	Default			None
25	M26	OOOOOX					Yes				None
26	M27	BenPIN	BenPIN				Yes				None
27	M28	OOOOOX					Yes				None
28	M29	BenPIN	BenPIN				Yes				None
29	M30	OOOOOX					Yes				None
30	M31		OOOOOO				Yes				None
31	M32		OOOOOO				Yes				None
32	M33						Yes				None
33	M34						Yes				None
34	M35						Yes				None
35	M36		OOOOOO				Yes	Default			None
36	M37						Yes	** NA **			None
37	M38						Yes	** NA **			None
38	MP4A						Yes	** NA **			None
39	M40						Yes	** NA **			None
40	M41						Yes	** NA **			None
41	MP2A						Yes	** NA **			None
42	M43						Yes	** NA **			None
43	M44						Yes	** NA **			None
44	MP1A						Yes	** NA **			None
45	M46	OOOOXO					Yes	Default			None
46	M46A						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	MP3A						Yes	** NA **			None
50	M50						Yes	** NA **			None
51	M51						Yes	** NA **			None
52	M52						Yes	** NA **			None
53	M53						Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-43.55	2
2	MP3A	My	-.022	2
3	MP3A	Mz	0	2
4	MP3A	Y	-43.55	4
5	MP3A	My	-.022	4
6	MP3A	Mz	0	4
7	MP2A	Y	-10.4	.5
8	MP2A	My	.005	.5
9	MP2A	Mz	0	.5
10	MP2A	Y	-84.4	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP2A	My	.042	4
12	MP2A	Mz	0	4
13	MP2A	Y	-70.3	2
14	MP2A	My	.035	2
15	MP2A	Mz	0	2
16	MP2A	Y	-31.65	.5
17	MP2A	My	-.016	.5
18	MP2A	Mz	.016	.5
19	MP2A	Y	-31.65	5.5
20	MP2A	My	-.016	5.5
21	MP2A	Mz	.016	5.5
22	MP2A	Y	-31.65	.5
23	MP2A	My	-.016	.5
24	MP2A	Mz	-.016	.5
25	MP2A	Y	-31.65	5.5
26	MP2A	My	-.016	5.5
27	MP2A	Mz	-.016	5.5
28	MP1A	Y	-7.85	.5
29	MP1A	My	-.004	.5
30	MP1A	Mz	0	.5
31	MP1A	Y	-7.85	5.5
32	MP1A	My	-.004	5.5
33	MP1A	Mz	0	5.5
34	MP4A	Y	-7.85	.5
35	MP4A	My	-.004	.5
36	MP4A	Mz	0	.5
37	MP4A	Y	-7.85	5.5
38	MP4A	My	-.004	5.5
39	MP4A	Mz	0	5.5
40	MP1A	Y	-26.9	.5
41	MP1A	My	.013	.5
42	MP1A	Mz	0	.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-32.157	2
2	MP3A	My	-.016	2
3	MP3A	Mz	0	2
4	MP3A	Y	-32.157	4
5	MP3A	My	-.016	4
6	MP3A	Mz	0	4
7	MP2A	Y	-10.435	.5
8	MP2A	My	.005	.5
9	MP2A	Mz	0	.5
10	MP2A	Y	-43.757	4
11	MP2A	My	.022	4
12	MP2A	Mz	0	4
13	MP2A	Y	-39.344	2
14	MP2A	My	.02	2
15	MP2A	Mz	0	2
16	MP2A	Y	-68.223	.5
17	MP2A	My	-.034	.5
18	MP2A	Mz	.034	.5
19	MP2A	Y	-68.223	5.5
20	MP2A	My	-.034	5.5
21	MP2A	Mz	.034	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	Y	-68.223	.5
23	MP2A	My	-.034	.5
24	MP2A	Mz	-.034	.5
25	MP2A	Y	-68.223	5.5
26	MP2A	My	-.034	5.5
27	MP2A	Mz	-.034	5.5
28	MP1A	Y	-37.189	.5
29	MP1A	My	-.019	.5
30	MP1A	Mz	0	.5
31	MP1A	Y	-37.189	5.5
32	MP1A	My	-.019	5.5
33	MP1A	Mz	0	5.5
34	MP4A	Y	-37.189	.5
35	MP4A	My	-.019	.5
36	MP4A	Mz	0	.5
37	MP4A	Y	-37.189	5.5
38	MP4A	My	-.019	5.5
39	MP4A	Mz	0	5.5
40	MP1A	Y	-53.897	.5
41	MP1A	My	.027	.5
42	MP1A	Mz	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2
2	MP3A	Z	-86.014	2
3	MP3A	Mx	0	2
4	MP3A	X	0	4
5	MP3A	Z	-86.014	4
6	MP3A	Mx	0	4
7	MP2A	X	0	.5
8	MP2A	Z	-14.802	.5
9	MP2A	Mx	0	.5
10	MP2A	X	0	4
11	MP2A	Z	-74.812	4
12	MP2A	Mx	0	4
13	MP2A	X	0	2
14	MP2A	Z	-74.812	2
15	MP2A	Mx	0	2
16	MP2A	X	0	.5
17	MP2A	Z	-182.229	.5
18	MP2A	Mx	-.091	.5
19	MP2A	X	0	5.5
20	MP2A	Z	-182.229	5.5
21	MP2A	Mx	-.091	5.5
22	MP2A	X	0	.5
23	MP2A	Z	-182.229	.5
24	MP2A	Mx	.091	.5
25	MP2A	X	0	5.5
26	MP2A	Z	-182.229	5.5
27	MP2A	Mx	.091	5.5
28	MP1A	X	0	.5
29	MP1A	Z	-81.013	.5
30	MP1A	Mx	0	.5
31	MP1A	X	0	5.5
32	MP1A	Z	-81.013	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1A	Mx	0	5.5
34	MP4A	X	0	.5
35	MP4A	Z	-81.013	.5
36	MP4A	Mx	0	.5
37	MP4A	X	0	5.5
38	MP4A	Z	-81.013	5.5
39	MP4A	Mx	0	5.5
40	MP1A	X	0	.5
41	MP1A	Z	-100.016	.5
42	MP1A	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	36.388	2
2	MP3A	Z	-63.027	2
3	MP3A	Mx	-.018	2
4	MP3A	X	36.388	4
5	MP3A	Z	-63.027	4
6	MP3A	Mx	-.018	4
7	MP2A	X	6.831	.5
8	MP2A	Z	-11.832	.5
9	MP2A	Mx	.003	.5
10	MP2A	X	34.305	4
11	MP2A	Z	-59.419	4
12	MP2A	Mx	.017	4
13	MP2A	X	33.118	2
14	MP2A	Z	-57.362	2
15	MP2A	Mx	.017	2
16	MP2A	X	83.297	.5
17	MP2A	Z	-144.274	.5
18	MP2A	Mx	-.114	.5
19	MP2A	X	83.297	5.5
20	MP2A	Z	-144.274	5.5
21	MP2A	Mx	-.114	5.5
22	MP2A	X	83.297	.5
23	MP2A	Z	-144.274	.5
24	MP2A	Mx	.03	.5
25	MP2A	X	83.297	5.5
26	MP2A	Z	-144.274	5.5
27	MP2A	Mx	.03	5.5
28	MP1A	X	39.418	.5
29	MP1A	Z	-68.275	.5
30	MP1A	Mx	-.02	.5
31	MP1A	X	39.418	5.5
32	MP1A	Z	-68.275	5.5
33	MP1A	Mx	-.02	5.5
34	MP4A	X	39.418	.5
35	MP4A	Z	-68.275	.5
36	MP4A	Mx	-.02	.5
37	MP4A	X	39.418	5.5
38	MP4A	Z	-68.275	5.5
39	MP4A	Mx	-.02	5.5
40	MP1A	X	45.625	.5
41	MP1A	Z	-79.024	.5
42	MP1A	Mx	.023	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	40.1	2
2	MP3A	Z	-23.152	2
3	MP3A	Mx	-.02	2
4	MP3A	X	40.1	4
5	MP3A	Z	-23.152	4
6	MP3A	Mx	-.02	4
7	MP2A	X	9.857	.5
8	MP2A	Z	-5.691	.5
9	MP2A	Mx	.005	.5
10	MP2A	X	48.678	4
11	MP2A	Z	-28.104	4
12	MP2A	Mx	.024	4
13	MP2A	X	42.507	2
14	MP2A	Z	-24.541	2
15	MP2A	Mx	.021	2
16	MP2A	X	117.192	.5
17	MP2A	Z	-67.661	.5
18	MP2A	Mx	-.092	.5
19	MP2A	X	117.192	5.5
20	MP2A	Z	-67.661	5.5
21	MP2A	Mx	-.092	5.5
22	MP2A	X	117.192	.5
23	MP2A	Z	-67.661	.5
24	MP2A	Mx	-.025	.5
25	MP2A	X	117.192	5.5
26	MP2A	Z	-67.661	5.5
27	MP2A	Mx	-.025	5.5
28	MP1A	X	64.505	.5
29	MP1A	Z	-37.242	.5
30	MP1A	Mx	-.032	.5
31	MP1A	X	64.505	5.5
32	MP1A	Z	-37.242	5.5
33	MP1A	Mx	-.032	5.5
34	MP4A	X	64.505	.5
35	MP4A	Z	-37.242	.5
36	MP4A	Mx	-.032	.5
37	MP4A	X	64.505	5.5
38	MP4A	Z	-37.242	5.5
39	MP4A	Mx	-.032	5.5
40	MP1A	X	63.841	.5
41	MP1A	Z	-36.858	.5
42	MP1A	Mx	.032	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	33.066	2
2	MP3A	Z	0	2
3	MP3A	Mx	-.017	2
4	MP3A	X	33.066	4
5	MP3A	Z	0	4
6	MP3A	Mx	-.017	4
7	MP2A	X	10.242	.5
8	MP2A	Z	0	.5
9	MP2A	Mx	.005	.5
10	MP2A	X	50.008	4
11	MP2A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2A	Mx	.025	4
13	MP2A	X	40.506	2
14	MP2A	Z	0	2
15	MP2A	Mx	.02	2
16	MP2A	X	119.686	.5
17	MP2A	Z	0	.5
18	MP2A	Mx	-.06	.5
19	MP2A	X	119.686	5.5
20	MP2A	Z	0	5.5
21	MP2A	Mx	-.06	5.5
22	MP2A	X	119.686	.5
23	MP2A	Z	0	.5
24	MP2A	Mx	-.06	.5
25	MP2A	X	119.686	5.5
26	MP2A	Z	0	5.5
27	MP2A	Mx	-.06	5.5
28	MP1A	X	72.308	.5
29	MP1A	Z	0	.5
30	MP1A	Mx	-.036	.5
31	MP1A	X	72.308	5.5
32	MP1A	Z	0	5.5
33	MP1A	Mx	-.036	5.5
34	MP4A	X	72.308	.5
35	MP4A	Z	0	.5
36	MP4A	Mx	-.036	.5
37	MP4A	X	72.308	5.5
38	MP4A	Z	0	5.5
39	MP4A	Mx	-.036	5.5
40	MP1A	X	64.95	.5
41	MP1A	Z	0	.5
42	MP1A	Mx	.032	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	40.1	2
2	MP3A	Z	23.152	2
3	MP3A	Mx	-.02	2
4	MP3A	X	40.1	4
5	MP3A	Z	23.152	4
6	MP3A	Mx	-.02	4
7	MP2A	X	9.857	.5
8	MP2A	Z	5.691	.5
9	MP2A	Mx	.005	.5
10	MP2A	X	48.678	4
11	MP2A	Z	28.104	4
12	MP2A	Mx	.024	4
13	MP2A	X	42.507	2
14	MP2A	Z	24.541	2
15	MP2A	Mx	.021	2
16	MP2A	X	117.192	.5
17	MP2A	Z	67.661	.5
18	MP2A	Mx	-.025	.5
19	MP2A	X	117.192	5.5
20	MP2A	Z	67.661	5.5
21	MP2A	Mx	-.025	5.5
22	MP2A	X	117.192	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	67.661	.5
24	MP2A	Mx	-.092	.5
25	MP2A	X	117.192	5.5
26	MP2A	Z	67.661	5.5
27	MP2A	Mx	-.092	5.5
28	MP1A	X	64.505	.5
29	MP1A	Z	37.242	.5
30	MP1A	Mx	-.032	.5
31	MP1A	X	64.505	5.5
32	MP1A	Z	37.242	5.5
33	MP1A	Mx	-.032	5.5
34	MP4A	X	64.505	.5
35	MP4A	Z	37.242	.5
36	MP4A	Mx	-.032	.5
37	MP4A	X	64.505	5.5
38	MP4A	Z	37.242	5.5
39	MP4A	Mx	-.032	5.5
40	MP1A	X	63.841	.5
41	MP1A	Z	36.858	.5
42	MP1A	Mx	.032	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	36.388	2
2	MP3A	Z	63.027	2
3	MP3A	Mx	-.018	2
4	MP3A	X	36.388	4
5	MP3A	Z	63.027	4
6	MP3A	Mx	-.018	4
7	MP2A	X	6.831	.5
8	MP2A	Z	11.832	.5
9	MP2A	Mx	.003	.5
10	MP2A	X	34.305	4
11	MP2A	Z	59.419	4
12	MP2A	Mx	.017	4
13	MP2A	X	33.118	2
14	MP2A	Z	57.362	2
15	MP2A	Mx	.017	2
16	MP2A	X	83.297	.5
17	MP2A	Z	144.274	.5
18	MP2A	Mx	.03	.5
19	MP2A	X	83.297	5.5
20	MP2A	Z	144.274	5.5
21	MP2A	Mx	.03	5.5
22	MP2A	X	83.297	.5
23	MP2A	Z	144.274	.5
24	MP2A	Mx	-.114	.5
25	MP2A	X	83.297	5.5
26	MP2A	Z	144.274	5.5
27	MP2A	Mx	-.114	5.5
28	MP1A	X	39.418	.5
29	MP1A	Z	68.275	.5
30	MP1A	Mx	-.02	.5
31	MP1A	X	39.418	5.5
32	MP1A	Z	68.275	5.5
33	MP1A	Mx	-.02	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP4A	X	39.418	.5
35	MP4A	Z	68.275	.5
36	MP4A	Mx	-.02	.5
37	MP4A	X	39.418	5.5
38	MP4A	Z	68.275	5.5
39	MP4A	Mx	-.02	5.5
40	MP1A	X	45.625	.5
41	MP1A	Z	79.024	.5
42	MP1A	Mx	.023	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2
2	MP3A	Z	86.014	2
3	MP3A	Mx	0	2
4	MP3A	X	0	4
5	MP3A	Z	86.014	4
6	MP3A	Mx	0	4
7	MP2A	X	0	.5
8	MP2A	Z	14.802	.5
9	MP2A	Mx	0	.5
10	MP2A	X	0	4
11	MP2A	Z	74.812	4
12	MP2A	Mx	0	4
13	MP2A	X	0	2
14	MP2A	Z	74.812	2
15	MP2A	Mx	0	2
16	MP2A	X	0	.5
17	MP2A	Z	182.229	.5
18	MP2A	Mx	.091	.5
19	MP2A	X	0	5.5
20	MP2A	Z	182.229	5.5
21	MP2A	Mx	.091	5.5
22	MP2A	X	0	.5
23	MP2A	Z	182.229	.5
24	MP2A	Mx	-.091	.5
25	MP2A	X	0	5.5
26	MP2A	Z	182.229	5.5
27	MP2A	Mx	-.091	5.5
28	MP1A	X	0	.5
29	MP1A	Z	81.013	.5
30	MP1A	Mx	0	.5
31	MP1A	X	0	5.5
32	MP1A	Z	81.013	5.5
33	MP1A	Mx	0	5.5
34	MP4A	X	0	.5
35	MP4A	Z	81.013	.5
36	MP4A	Mx	0	.5
37	MP4A	X	0	5.5
38	MP4A	Z	81.013	5.5
39	MP4A	Mx	0	5.5
40	MP1A	X	0	.5
41	MP1A	Z	100.016	.5
42	MP1A	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-36.388	2
2	MP3A	Z	63.027	2
3	MP3A	Mx	.018	2
4	MP3A	X	-36.388	4
5	MP3A	Z	63.027	4
6	MP3A	Mx	.018	4
7	MP2A	X	-6.831	.5
8	MP2A	Z	11.832	.5
9	MP2A	Mx	-.003	.5
10	MP2A	X	-34.305	4
11	MP2A	Z	59.419	4
12	MP2A	Mx	-.017	4
13	MP2A	X	-33.118	2
14	MP2A	Z	57.362	2
15	MP2A	Mx	-.017	2
16	MP2A	X	-83.297	.5
17	MP2A	Z	144.274	.5
18	MP2A	Mx	.114	.5
19	MP2A	X	-83.297	5.5
20	MP2A	Z	144.274	5.5
21	MP2A	Mx	.114	5.5
22	MP2A	X	-83.297	.5
23	MP2A	Z	144.274	.5
24	MP2A	Mx	-.03	.5
25	MP2A	X	-83.297	5.5
26	MP2A	Z	144.274	5.5
27	MP2A	Mx	-.03	5.5
28	MP1A	X	-39.418	.5
29	MP1A	Z	68.275	.5
30	MP1A	Mx	.02	.5
31	MP1A	X	-39.418	5.5
32	MP1A	Z	68.275	5.5
33	MP1A	Mx	.02	5.5
34	MP4A	X	-39.418	.5
35	MP4A	Z	68.275	.5
36	MP4A	Mx	.02	.5
37	MP4A	X	-39.418	5.5
38	MP4A	Z	68.275	5.5
39	MP4A	Mx	.02	5.5
40	MP1A	X	-45.625	.5
41	MP1A	Z	79.024	.5
42	MP1A	Mx	-.023	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-40.1	2
2	MP3A	Z	23.152	2
3	MP3A	Mx	.02	2
4	MP3A	X	-40.1	4
5	MP3A	Z	23.152	4
6	MP3A	Mx	.02	4
7	MP2A	X	-9.857	.5
8	MP2A	Z	5.691	.5
9	MP2A	Mx	-.005	.5
10	MP2A	X	-48.678	4
11	MP2A	Z	28.104	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2A	Mx	-.024	4
13	MP2A	X	-42.507	2
14	MP2A	Z	24.541	2
15	MP2A	Mx	-.021	2
16	MP2A	X	-117.192	.5
17	MP2A	Z	67.661	.5
18	MP2A	Mx	.092	.5
19	MP2A	X	-117.192	5.5
20	MP2A	Z	67.661	5.5
21	MP2A	Mx	.092	5.5
22	MP2A	X	-117.192	.5
23	MP2A	Z	67.661	.5
24	MP2A	Mx	.025	.5
25	MP2A	X	-117.192	5.5
26	MP2A	Z	67.661	5.5
27	MP2A	Mx	.025	5.5
28	MP1A	X	-64.505	.5
29	MP1A	Z	37.242	.5
30	MP1A	Mx	.032	.5
31	MP1A	X	-64.505	5.5
32	MP1A	Z	37.242	5.5
33	MP1A	Mx	.032	5.5
34	MP4A	X	-64.505	.5
35	MP4A	Z	37.242	.5
36	MP4A	Mx	.032	.5
37	MP4A	X	-64.505	5.5
38	MP4A	Z	37.242	5.5
39	MP4A	Mx	.032	5.5
40	MP1A	X	-63.841	.5
41	MP1A	Z	36.858	.5
42	MP1A	Mx	-.032	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-33.066	2
2	MP3A	Z	0	2
3	MP3A	Mx	.017	2
4	MP3A	X	-33.066	4
5	MP3A	Z	0	4
6	MP3A	Mx	.017	4
7	MP2A	X	-10.242	.5
8	MP2A	Z	0	.5
9	MP2A	Mx	-.005	.5
10	MP2A	X	-50.008	4
11	MP2A	Z	0	4
12	MP2A	Mx	-.025	4
13	MP2A	X	-40.506	2
14	MP2A	Z	0	2
15	MP2A	Mx	-.02	2
16	MP2A	X	-119.686	.5
17	MP2A	Z	0	.5
18	MP2A	Mx	.06	.5
19	MP2A	X	-119.686	5.5
20	MP2A	Z	0	5.5
21	MP2A	Mx	.06	5.5
22	MP2A	X	-119.686	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	0	.5
24	MP2A	Mx	.06	.5
25	MP2A	X	-119.686	5.5
26	MP2A	Z	0	5.5
27	MP2A	Mx	.06	5.5
28	MP1A	X	-72.308	.5
29	MP1A	Z	0	.5
30	MP1A	Mx	.036	.5
31	MP1A	X	-72.308	5.5
32	MP1A	Z	0	5.5
33	MP1A	Mx	.036	5.5
34	MP4A	X	-72.308	.5
35	MP4A	Z	0	.5
36	MP4A	Mx	.036	.5
37	MP4A	X	-72.308	5.5
38	MP4A	Z	0	5.5
39	MP4A	Mx	.036	5.5
40	MP1A	X	-64.95	.5
41	MP1A	Z	0	.5
42	MP1A	Mx	-.032	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-40.1	2
2	MP3A	Z	-23.152	2
3	MP3A	Mx	.02	2
4	MP3A	X	-40.1	4
5	MP3A	Z	-23.152	4
6	MP3A	Mx	.02	4
7	MP2A	X	-9.857	.5
8	MP2A	Z	-5.691	.5
9	MP2A	Mx	-.005	.5
10	MP2A	X	-48.678	4
11	MP2A	Z	-28.104	4
12	MP2A	Mx	-.024	4
13	MP2A	X	-42.507	2
14	MP2A	Z	-24.541	2
15	MP2A	Mx	-.021	2
16	MP2A	X	-117.192	.5
17	MP2A	Z	-67.661	.5
18	MP2A	Mx	.025	.5
19	MP2A	X	-117.192	5.5
20	MP2A	Z	-67.661	5.5
21	MP2A	Mx	.025	5.5
22	MP2A	X	-117.192	.5
23	MP2A	Z	-67.661	.5
24	MP2A	Mx	.092	.5
25	MP2A	X	-117.192	5.5
26	MP2A	Z	-67.661	5.5
27	MP2A	Mx	.092	5.5
28	MP1A	X	-64.505	.5
29	MP1A	Z	-37.242	.5
30	MP1A	Mx	.032	.5
31	MP1A	X	-64.505	5.5
32	MP1A	Z	-37.242	5.5
33	MP1A	Mx	.032	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP4A	X	-64.505	.5
35	MP4A	Z	-37.242	.5
36	MP4A	Mx	.032	.5
37	MP4A	X	-64.505	5.5
38	MP4A	Z	-37.242	5.5
39	MP4A	Mx	.032	5.5
40	MP1A	X	-63.841	.5
41	MP1A	Z	-36.858	.5
42	MP1A	Mx	-.032	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-36.388	2
2	MP3A	Z	-63.027	2
3	MP3A	Mx	.018	2
4	MP3A	X	-36.388	4
5	MP3A	Z	-63.027	4
6	MP3A	Mx	.018	4
7	MP2A	X	-6.831	.5
8	MP2A	Z	-11.832	.5
9	MP2A	Mx	-.003	.5
10	MP2A	X	-34.305	4
11	MP2A	Z	-59.419	4
12	MP2A	Mx	-.017	4
13	MP2A	X	-33.118	2
14	MP2A	Z	-57.362	2
15	MP2A	Mx	-.017	2
16	MP2A	X	-83.297	.5
17	MP2A	Z	-144.274	.5
18	MP2A	Mx	-.03	.5
19	MP2A	X	-83.297	5.5
20	MP2A	Z	-144.274	5.5
21	MP2A	Mx	-.03	5.5
22	MP2A	X	-83.297	.5
23	MP2A	Z	-144.274	.5
24	MP2A	Mx	.114	.5
25	MP2A	X	-83.297	5.5
26	MP2A	Z	-144.274	5.5
27	MP2A	Mx	.114	5.5
28	MP1A	X	-39.418	.5
29	MP1A	Z	-68.275	.5
30	MP1A	Mx	.02	.5
31	MP1A	X	-39.418	5.5
32	MP1A	Z	-68.275	5.5
33	MP1A	Mx	.02	5.5
34	MP4A	X	-39.418	.5
35	MP4A	Z	-68.275	.5
36	MP4A	Mx	.02	.5
37	MP4A	X	-39.418	5.5
38	MP4A	Z	-68.275	5.5
39	MP4A	Mx	.02	5.5
40	MP1A	X	-45.625	.5
41	MP1A	Z	-79.024	.5
42	MP1A	Mx	-.023	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2
2	MP3A	Z	-17.163	2
3	MP3A	Mx	0	2
4	MP3A	X	0	4
5	MP3A	Z	-17.163	4
6	MP3A	Mx	0	4
7	MP2A	X	0	.5
8	MP2A	Z	-3.804	.5
9	MP2A	Mx	0	.5
10	MP2A	X	0	4
11	MP2A	Z	-15.741	4
12	MP2A	Mx	0	4
13	MP2A	X	0	2
14	MP2A	Z	-15.741	2
15	MP2A	Mx	0	2
16	MP2A	X	0	.5
17	MP2A	Z	-35.181	.5
18	MP2A	Mx	-.018	.5
19	MP2A	X	0	5.5
20	MP2A	Z	-35.181	5.5
21	MP2A	Mx	-.018	5.5
22	MP2A	X	0	.5
23	MP2A	Z	-35.181	.5
24	MP2A	Mx	.018	.5
25	MP2A	X	0	5.5
26	MP2A	Z	-35.181	5.5
27	MP2A	Mx	.018	5.5
28	MP1A	X	0	.5
29	MP1A	Z	-16.344	.5
30	MP1A	Mx	0	.5
31	MP1A	X	0	5.5
32	MP1A	Z	-16.344	5.5
33	MP1A	Mx	0	5.5
34	MP4A	X	0	.5
35	MP4A	Z	-16.344	.5
36	MP4A	Mx	0	.5
37	MP4A	X	0	5.5
38	MP4A	Z	-16.344	5.5
39	MP4A	Mx	0	5.5
40	MP1A	X	0	.5
41	MP1A	Z	-20.519	.5
42	MP1A	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.337	2
2	MP3A	Z	-12.707	2
3	MP3A	Mx	-.004	2
4	MP3A	X	7.337	4
5	MP3A	Z	-12.707	4
6	MP3A	Mx	-.004	4
7	MP2A	X	1.783	.5
8	MP2A	Z	-3.088	.5
9	MP2A	Mx	.000892	.5
10	MP2A	X	7.27	4
11	MP2A	Z	-12.593	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2A	Mx	.004	4
13	MP2A	X	7.042	2
14	MP2A	Z	-12.197	2
15	MP2A	Mx	.004	2
16	MP2A	X	16.19	.5
17	MP2A	Z	-28.042	.5
18	MP2A	Mx	-.022	.5
19	MP2A	X	16.19	5.5
20	MP2A	Z	-28.042	5.5
21	MP2A	Mx	-.022	5.5
22	MP2A	X	16.19	.5
23	MP2A	Z	-28.042	.5
24	MP2A	Mx	.006	.5
25	MP2A	X	16.19	5.5
26	MP2A	Z	-28.042	5.5
27	MP2A	Mx	.006	5.5
28	MP1A	X	7.971	.5
29	MP1A	Z	-13.806	.5
30	MP1A	Mx	-.004	.5
31	MP1A	X	7.971	5.5
32	MP1A	Z	-13.806	5.5
33	MP1A	Mx	-.004	5.5
34	MP4A	X	7.971	.5
35	MP4A	Z	-13.806	.5
36	MP4A	Mx	-.004	.5
37	MP4A	X	7.971	5.5
38	MP4A	Z	-13.806	5.5
39	MP4A	Mx	-.004	5.5
40	MP1A	X	9.434	.5
41	MP1A	Z	-16.339	.5
42	MP1A	Mx	.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.396	2
2	MP3A	Z	-4.847	2
3	MP3A	Mx	-.004	2
4	MP3A	X	8.396	4
5	MP3A	Z	-4.847	4
6	MP3A	Mx	-.004	4
7	MP2A	X	2.675	.5
8	MP2A	Z	-1.544	.5
9	MP2A	Mx	.001	.5
10	MP2A	X	10.513	4
11	MP2A	Z	-6.07	4
12	MP2A	Mx	.005	4
13	MP2A	X	9.328	2
14	MP2A	Z	-5.386	2
15	MP2A	Mx	.005	2
16	MP2A	X	23.192	.5
17	MP2A	Z	-13.39	.5
18	MP2A	Mx	-.018	.5
19	MP2A	X	23.192	5.5
20	MP2A	Z	-13.39	5.5
21	MP2A	Mx	-.018	5.5
22	MP2A	X	23.192	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-13.39	.5
24	MP2A	Mx	-.005	.5
25	MP2A	X	23.192	5.5
26	MP2A	Z	-13.39	5.5
27	MP2A	Mx	-.005	5.5
28	MP1A	X	13.108	.5
29	MP1A	Z	-7.568	.5
30	MP1A	Mx	-.007	.5
31	MP1A	X	13.108	5.5
32	MP1A	Z	-7.568	5.5
33	MP1A	Mx	-.007	5.5
34	MP4A	X	13.108	.5
35	MP4A	Z	-7.568	.5
36	MP4A	Mx	-.007	.5
37	MP4A	X	13.108	5.5
38	MP4A	Z	-7.568	5.5
39	MP4A	Mx	-.007	5.5
40	MP1A	X	13.478	.5
41	MP1A	Z	-7.781	.5
42	MP1A	Mx	.007	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.205	2
2	MP3A	Z	0	2
3	MP3A	Mx	-.004	2
4	MP3A	X	7.205	4
5	MP3A	Z	0	4
6	MP3A	Mx	-.004	4
7	MP2A	X	2.85	.5
8	MP2A	Z	0	.5
9	MP2A	Mx	.001	.5
10	MP2A	X	10.939	4
11	MP2A	Z	0	4
12	MP2A	Mx	.005	4
13	MP2A	X	9.115	2
14	MP2A	Z	0	2
15	MP2A	Mx	.005	2
16	MP2A	X	23.979	.5
17	MP2A	Z	0	.5
18	MP2A	Mx	-.012	.5
19	MP2A	X	23.979	5.5
20	MP2A	Z	0	5.5
21	MP2A	Mx	-.012	5.5
22	MP2A	X	23.979	.5
23	MP2A	Z	0	.5
24	MP2A	Mx	-.012	.5
25	MP2A	X	23.979	5.5
26	MP2A	Z	0	5.5
27	MP2A	Mx	-.012	5.5
28	MP1A	X	14.733	.5
29	MP1A	Z	0	.5
30	MP1A	Mx	-.007	.5
31	MP1A	X	14.733	5.5
32	MP1A	Z	0	5.5
33	MP1A	Mx	-.007	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP4A	X	14.733	.5
35	MP4A	Z	0	.5
36	MP4A	Mx	-.007	.5
37	MP4A	X	14.733	5.5
38	MP4A	Z	0	5.5
39	MP4A	Mx	-.007	5.5
40	MP1A	X	13.91	.5
41	MP1A	Z	0	.5
42	MP1A	Mx	.007	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.396	2
2	MP3A	Z	4.847	2
3	MP3A	Mx	-.004	2
4	MP3A	X	8.396	4
5	MP3A	Z	4.847	4
6	MP3A	Mx	-.004	4
7	MP2A	X	2.675	.5
8	MP2A	Z	1.544	.5
9	MP2A	Mx	.001	.5
10	MP2A	X	10.513	4
11	MP2A	Z	6.07	4
12	MP2A	Mx	.005	4
13	MP2A	X	9.328	2
14	MP2A	Z	5.386	2
15	MP2A	Mx	.005	2
16	MP2A	X	23.192	.5
17	MP2A	Z	13.39	.5
18	MP2A	Mx	-.005	.5
19	MP2A	X	23.192	5.5
20	MP2A	Z	13.39	5.5
21	MP2A	Mx	-.005	5.5
22	MP2A	X	23.192	.5
23	MP2A	Z	13.39	.5
24	MP2A	Mx	-.018	.5
25	MP2A	X	23.192	5.5
26	MP2A	Z	13.39	5.5
27	MP2A	Mx	-.018	5.5
28	MP1A	X	13.108	.5
29	MP1A	Z	7.568	.5
30	MP1A	Mx	-.007	.5
31	MP1A	X	13.108	5.5
32	MP1A	Z	7.568	5.5
33	MP1A	Mx	-.007	5.5
34	MP4A	X	13.108	.5
35	MP4A	Z	7.568	.5
36	MP4A	Mx	-.007	.5
37	MP4A	X	13.108	5.5
38	MP4A	Z	7.568	5.5
39	MP4A	Mx	-.007	5.5
40	MP1A	X	13.478	.5
41	MP1A	Z	7.781	.5
42	MP1A	Mx	.007	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.337	2
2	MP3A	Z	12.707	2
3	MP3A	Mx	-.004	2
4	MP3A	X	7.337	4
5	MP3A	Z	12.707	4
6	MP3A	Mx	-.004	4
7	MP2A	X	1.783	.5
8	MP2A	Z	3.088	.5
9	MP2A	Mx	.000892	.5
10	MP2A	X	7.27	4
11	MP2A	Z	12.593	4
12	MP2A	Mx	.004	4
13	MP2A	X	7.042	2
14	MP2A	Z	12.197	2
15	MP2A	Mx	.004	2
16	MP2A	X	16.19	.5
17	MP2A	Z	28.042	.5
18	MP2A	Mx	.006	.5
19	MP2A	X	16.19	5.5
20	MP2A	Z	28.042	5.5
21	MP2A	Mx	.006	5.5
22	MP2A	X	16.19	.5
23	MP2A	Z	28.042	.5
24	MP2A	Mx	-.022	.5
25	MP2A	X	16.19	5.5
26	MP2A	Z	28.042	5.5
27	MP2A	Mx	-.022	5.5
28	MP1A	X	7.971	.5
29	MP1A	Z	13.806	.5
30	MP1A	Mx	-.004	.5
31	MP1A	X	7.971	5.5
32	MP1A	Z	13.806	5.5
33	MP1A	Mx	-.004	5.5
34	MP4A	X	7.971	.5
35	MP4A	Z	13.806	.5
36	MP4A	Mx	-.004	.5
37	MP4A	X	7.971	5.5
38	MP4A	Z	13.806	5.5
39	MP4A	Mx	-.004	5.5
40	MP1A	X	9.434	.5
41	MP1A	Z	16.339	.5
42	MP1A	Mx	.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2
2	MP3A	Z	17.163	2
3	MP3A	Mx	0	2
4	MP3A	X	0	4
5	MP3A	Z	17.163	4
6	MP3A	Mx	0	4
7	MP2A	X	0	.5
8	MP2A	Z	3.804	.5
9	MP2A	Mx	0	.5
10	MP2A	X	0	4
11	MP2A	Z	15.741	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2A	Mx	0	4
13	MP2A	X	0	2
14	MP2A	Z	15.741	2
15	MP2A	Mx	0	2
16	MP2A	X	0	.5
17	MP2A	Z	35.181	.5
18	MP2A	Mx	.018	.5
19	MP2A	X	0	5.5
20	MP2A	Z	35.181	5.5
21	MP2A	Mx	.018	5.5
22	MP2A	X	0	.5
23	MP2A	Z	35.181	.5
24	MP2A	Mx	-.018	.5
25	MP2A	X	0	5.5
26	MP2A	Z	35.181	5.5
27	MP2A	Mx	-.018	5.5
28	MP1A	X	0	.5
29	MP1A	Z	16.344	.5
30	MP1A	Mx	0	.5
31	MP1A	X	0	5.5
32	MP1A	Z	16.344	5.5
33	MP1A	Mx	0	5.5
34	MP4A	X	0	.5
35	MP4A	Z	16.344	.5
36	MP4A	Mx	0	.5
37	MP4A	X	0	5.5
38	MP4A	Z	16.344	5.5
39	MP4A	Mx	0	5.5
40	MP1A	X	0	.5
41	MP1A	Z	20.519	.5
42	MP1A	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.337	2
2	MP3A	Z	12.707	2
3	MP3A	Mx	.004	2
4	MP3A	X	-7.337	4
5	MP3A	Z	12.707	4
6	MP3A	Mx	.004	4
7	MP2A	X	-1.783	.5
8	MP2A	Z	3.088	.5
9	MP2A	Mx	-.000892	.5
10	MP2A	X	-7.27	4
11	MP2A	Z	12.593	4
12	MP2A	Mx	-.004	4
13	MP2A	X	-7.042	2
14	MP2A	Z	12.197	2
15	MP2A	Mx	-.004	2
16	MP2A	X	-16.19	.5
17	MP2A	Z	28.042	.5
18	MP2A	Mx	.022	.5
19	MP2A	X	-16.19	5.5
20	MP2A	Z	28.042	5.5
21	MP2A	Mx	.022	5.5
22	MP2A	X	-16.19	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	28.042	.5
24	MP2A	Mx	-.006	.5
25	MP2A	X	-16.19	5.5
26	MP2A	Z	28.042	5.5
27	MP2A	Mx	-.006	5.5
28	MP1A	X	-7.971	.5
29	MP1A	Z	13.806	.5
30	MP1A	Mx	.004	.5
31	MP1A	X	-7.971	5.5
32	MP1A	Z	13.806	5.5
33	MP1A	Mx	.004	5.5
34	MP4A	X	-7.971	.5
35	MP4A	Z	13.806	.5
36	MP4A	Mx	.004	.5
37	MP4A	X	-7.971	5.5
38	MP4A	Z	13.806	5.5
39	MP4A	Mx	.004	5.5
40	MP1A	X	-9.434	.5
41	MP1A	Z	16.339	.5
42	MP1A	Mx	-.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.396	2
2	MP3A	Z	4.847	2
3	MP3A	Mx	.004	2
4	MP3A	X	-8.396	4
5	MP3A	Z	4.847	4
6	MP3A	Mx	.004	4
7	MP2A	X	-2.675	.5
8	MP2A	Z	1.544	.5
9	MP2A	Mx	-.001	.5
10	MP2A	X	-10.513	4
11	MP2A	Z	6.07	4
12	MP2A	Mx	-.005	4
13	MP2A	X	-9.328	2
14	MP2A	Z	5.386	2
15	MP2A	Mx	-.005	2
16	MP2A	X	-23.192	.5
17	MP2A	Z	13.39	.5
18	MP2A	Mx	.018	.5
19	MP2A	X	-23.192	5.5
20	MP2A	Z	13.39	5.5
21	MP2A	Mx	.018	5.5
22	MP2A	X	-23.192	.5
23	MP2A	Z	13.39	.5
24	MP2A	Mx	.005	.5
25	MP2A	X	-23.192	5.5
26	MP2A	Z	13.39	5.5
27	MP2A	Mx	.005	5.5
28	MP1A	X	-13.108	.5
29	MP1A	Z	7.568	.5
30	MP1A	Mx	.007	.5
31	MP1A	X	-13.108	5.5
32	MP1A	Z	7.568	5.5
33	MP1A	Mx	.007	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP4A	X	-13.108	.5
35	MP4A	Z	7.568	.5
36	MP4A	Mx	.007	.5
37	MP4A	X	-13.108	5.5
38	MP4A	Z	7.568	5.5
39	MP4A	Mx	.007	5.5
40	MP1A	X	-13.478	.5
41	MP1A	Z	7.781	.5
42	MP1A	Mx	-.007	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.205	2
2	MP3A	Z	0	2
3	MP3A	Mx	.004	2
4	MP3A	X	-7.205	4
5	MP3A	Z	0	4
6	MP3A	Mx	.004	4
7	MP2A	X	-2.85	.5
8	MP2A	Z	0	.5
9	MP2A	Mx	-.001	.5
10	MP2A	X	-10.939	4
11	MP2A	Z	0	4
12	MP2A	Mx	-.005	4
13	MP2A	X	-9.115	2
14	MP2A	Z	0	2
15	MP2A	Mx	-.005	2
16	MP2A	X	-23.979	.5
17	MP2A	Z	0	.5
18	MP2A	Mx	.012	.5
19	MP2A	X	-23.979	5.5
20	MP2A	Z	0	5.5
21	MP2A	Mx	.012	5.5
22	MP2A	X	-23.979	.5
23	MP2A	Z	0	.5
24	MP2A	Mx	.012	.5
25	MP2A	X	-23.979	5.5
26	MP2A	Z	0	5.5
27	MP2A	Mx	.012	5.5
28	MP1A	X	-14.733	.5
29	MP1A	Z	0	.5
30	MP1A	Mx	.007	.5
31	MP1A	X	-14.733	5.5
32	MP1A	Z	0	5.5
33	MP1A	Mx	.007	5.5
34	MP4A	X	-14.733	.5
35	MP4A	Z	0	.5
36	MP4A	Mx	.007	.5
37	MP4A	X	-14.733	5.5
38	MP4A	Z	0	5.5
39	MP4A	Mx	.007	5.5
40	MP1A	X	-13.91	.5
41	MP1A	Z	0	.5
42	MP1A	Mx	-.007	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.396	2
2	MP3A	Z	-4.847	2
3	MP3A	Mx	.004	2
4	MP3A	X	-8.396	4
5	MP3A	Z	-4.847	4
6	MP3A	Mx	.004	4
7	MP2A	X	-2.675	.5
8	MP2A	Z	-1.544	.5
9	MP2A	Mx	-.001	.5
10	MP2A	X	-10.513	4
11	MP2A	Z	-6.07	4
12	MP2A	Mx	-.005	4
13	MP2A	X	-9.328	2
14	MP2A	Z	-5.386	2
15	MP2A	Mx	-.005	2
16	MP2A	X	-23.192	.5
17	MP2A	Z	-13.39	.5
18	MP2A	Mx	.005	.5
19	MP2A	X	-23.192	5.5
20	MP2A	Z	-13.39	5.5
21	MP2A	Mx	.005	5.5
22	MP2A	X	-23.192	.5
23	MP2A	Z	-13.39	.5
24	MP2A	Mx	.018	.5
25	MP2A	X	-23.192	5.5
26	MP2A	Z	-13.39	5.5
27	MP2A	Mx	.018	5.5
28	MP1A	X	-13.108	.5
29	MP1A	Z	-7.568	.5
30	MP1A	Mx	.007	.5
31	MP1A	X	-13.108	5.5
32	MP1A	Z	-7.568	5.5
33	MP1A	Mx	.007	5.5
34	MP4A	X	-13.108	.5
35	MP4A	Z	-7.568	.5
36	MP4A	Mx	.007	.5
37	MP4A	X	-13.108	5.5
38	MP4A	Z	-7.568	5.5
39	MP4A	Mx	.007	5.5
40	MP1A	X	-13.478	.5
41	MP1A	Z	-7.781	.5
42	MP1A	Mx	-.007	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.337	2
2	MP3A	Z	-12.707	2
3	MP3A	Mx	.004	2
4	MP3A	X	-7.337	4
5	MP3A	Z	-12.707	4
6	MP3A	Mx	.004	4
7	MP2A	X	-1.783	.5
8	MP2A	Z	-3.088	.5
9	MP2A	Mx	-.000892	.5
10	MP2A	X	-7.27	4
11	MP2A	Z	-12.593	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2A	Mx	-.004	4
13	MP2A	X	-7.042	2
14	MP2A	Z	-12.197	2
15	MP2A	Mx	-.004	2
16	MP2A	X	-16.19	.5
17	MP2A	Z	-28.042	.5
18	MP2A	Mx	-.006	.5
19	MP2A	X	-16.19	5.5
20	MP2A	Z	-28.042	5.5
21	MP2A	Mx	-.006	5.5
22	MP2A	X	-16.19	.5
23	MP2A	Z	-28.042	.5
24	MP2A	Mx	.022	.5
25	MP2A	X	-16.19	5.5
26	MP2A	Z	-28.042	5.5
27	MP2A	Mx	.022	5.5
28	MP1A	X	-7.971	.5
29	MP1A	Z	-13.806	.5
30	MP1A	Mx	.004	.5
31	MP1A	X	-7.971	5.5
32	MP1A	Z	-13.806	5.5
33	MP1A	Mx	.004	5.5
34	MP4A	X	-7.971	.5
35	MP4A	Z	-13.806	.5
36	MP4A	Mx	.004	.5
37	MP4A	X	-7.971	5.5
38	MP4A	Z	-13.806	5.5
39	MP4A	Mx	.004	5.5
40	MP1A	X	-9.434	.5
41	MP1A	Z	-16.339	.5
42	MP1A	Mx	-.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2
2	MP3A	Z	-5.467	2
3	MP3A	Mx	0	2
4	MP3A	X	0	4
5	MP3A	Z	-5.467	4
6	MP3A	Mx	0	4
7	MP2A	X	0	.5
8	MP2A	Z	-.941	.5
9	MP2A	Mx	0	.5
10	MP2A	X	0	4
11	MP2A	Z	-4.755	4
12	MP2A	Mx	0	4
13	MP2A	X	0	2
14	MP2A	Z	-4.755	2
15	MP2A	Mx	0	2
16	MP2A	X	0	.5
17	MP2A	Z	-11.582	.5
18	MP2A	Mx	-.006	.5
19	MP2A	X	0	5.5
20	MP2A	Z	-11.582	5.5
21	MP2A	Mx	-.006	5.5
22	MP2A	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-11.582	.5
24	MP2A	Mx	.006	.5
25	MP2A	X	0	5.5
26	MP2A	Z	-11.582	5.5
27	MP2A	Mx	.006	5.5
28	MP1A	X	0	.5
29	MP1A	Z	-5.149	.5
30	MP1A	Mx	0	.5
31	MP1A	X	0	5.5
32	MP1A	Z	-5.149	5.5
33	MP1A	Mx	0	5.5
34	MP4A	X	0	.5
35	MP4A	Z	-5.149	.5
36	MP4A	Mx	0	.5
37	MP4A	X	0	5.5
38	MP4A	Z	-5.149	5.5
39	MP4A	Mx	0	5.5
40	MP1A	X	0	.5
41	MP1A	Z	-6.356	.5
42	MP1A	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.313	2
2	MP3A	Z	-4.006	2
3	MP3A	Mx	-.001	2
4	MP3A	X	2.313	4
5	MP3A	Z	-4.006	4
6	MP3A	Mx	-.001	4
7	MP2A	X	.434	.5
8	MP2A	Z	-.752	.5
9	MP2A	Mx	.000217	.5
10	MP2A	X	2.18	4
11	MP2A	Z	-3.776	4
12	MP2A	Mx	.001	4
13	MP2A	X	2.105	2
14	MP2A	Z	-3.646	2
15	MP2A	Mx	.001	2
16	MP2A	X	5.294	.5
17	MP2A	Z	-9.169	.5
18	MP2A	Mx	-.007	.5
19	MP2A	X	5.294	5.5
20	MP2A	Z	-9.169	5.5
21	MP2A	Mx	-.007	5.5
22	MP2A	X	5.294	.5
23	MP2A	Z	-9.169	.5
24	MP2A	Mx	.002	.5
25	MP2A	X	5.294	5.5
26	MP2A	Z	-9.169	5.5
27	MP2A	Mx	.002	5.5
28	MP1A	X	2.505	.5
29	MP1A	Z	-4.339	.5
30	MP1A	Mx	-.001	.5
31	MP1A	X	2.505	5.5
32	MP1A	Z	-4.339	5.5
33	MP1A	Mx	-.001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP4A	X	2.505	.5
35	MP4A	Z	-4.339	.5
36	MP4A	Mx	-.001	.5
37	MP4A	X	2.505	5.5
38	MP4A	Z	-4.339	5.5
39	MP4A	Mx	-.001	5.5
40	MP1A	X	2.9	.5
41	MP1A	Z	-5.022	.5
42	MP1A	Mx	.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.549	2
2	MP3A	Z	-1.471	2
3	MP3A	Mx	-.001	2
4	MP3A	X	2.549	4
5	MP3A	Z	-1.471	4
6	MP3A	Mx	-.001	4
7	MP2A	X	.626	.5
8	MP2A	Z	-.362	.5
9	MP2A	Mx	.000313	.5
10	MP2A	X	3.094	4
11	MP2A	Z	-1.786	4
12	MP2A	Mx	.002	4
13	MP2A	X	2.702	2
14	MP2A	Z	-1.56	2
15	MP2A	Mx	.001	2
16	MP2A	X	7.448	.5
17	MP2A	Z	-4.3	.5
18	MP2A	Mx	-.006	.5
19	MP2A	X	7.448	5.5
20	MP2A	Z	-4.3	5.5
21	MP2A	Mx	-.006	5.5
22	MP2A	X	7.448	.5
23	MP2A	Z	-4.3	.5
24	MP2A	Mx	-.002	.5
25	MP2A	X	7.448	5.5
26	MP2A	Z	-4.3	5.5
27	MP2A	Mx	-.002	5.5
28	MP1A	X	4.1	.5
29	MP1A	Z	-2.367	.5
30	MP1A	Mx	-.002	.5
31	MP1A	X	4.1	5.5
32	MP1A	Z	-2.367	5.5
33	MP1A	Mx	-.002	5.5
34	MP4A	X	4.1	.5
35	MP4A	Z	-2.367	.5
36	MP4A	Mx	-.002	.5
37	MP4A	X	4.1	5.5
38	MP4A	Z	-2.367	5.5
39	MP4A	Mx	-.002	5.5
40	MP1A	X	4.057	.5
41	MP1A	Z	-2.343	.5
42	MP1A	Mx	.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.102	2
2	MP3A	Z	0	2
3	MP3A	Mx	-.001	2
4	MP3A	X	2.102	4
5	MP3A	Z	0	4
6	MP3A	Mx	-.001	4
7	MP2A	X	.651	.5
8	MP2A	Z	0	.5
9	MP2A	Mx	.000326	.5
10	MP2A	X	3.178	4
11	MP2A	Z	0	4
12	MP2A	Mx	.002	4
13	MP2A	X	2.574	2
14	MP2A	Z	0	2
15	MP2A	Mx	.001	2
16	MP2A	X	7.607	.5
17	MP2A	Z	0	.5
18	MP2A	Mx	-.004	.5
19	MP2A	X	7.607	5.5
20	MP2A	Z	0	5.5
21	MP2A	Mx	-.004	5.5
22	MP2A	X	7.607	.5
23	MP2A	Z	0	.5
24	MP2A	Mx	-.004	.5
25	MP2A	X	7.607	5.5
26	MP2A	Z	0	5.5
27	MP2A	Mx	-.004	5.5
28	MP1A	X	4.596	.5
29	MP1A	Z	0	.5
30	MP1A	Mx	-.002	.5
31	MP1A	X	4.596	5.5
32	MP1A	Z	0	5.5
33	MP1A	Mx	-.002	5.5
34	MP4A	X	4.596	.5
35	MP4A	Z	0	.5
36	MP4A	Mx	-.002	.5
37	MP4A	X	4.596	5.5
38	MP4A	Z	0	5.5
39	MP4A	Mx	-.002	5.5
40	MP1A	X	4.128	.5
41	MP1A	Z	0	.5
42	MP1A	Mx	.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.549	2
2	MP3A	Z	1.471	2
3	MP3A	Mx	-.001	2
4	MP3A	X	2.549	4
5	MP3A	Z	1.471	4
6	MP3A	Mx	-.001	4
7	MP2A	X	.626	.5
8	MP2A	Z	.362	.5
9	MP2A	Mx	.000313	.5
10	MP2A	X	3.094	4
11	MP2A	Z	1.786	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2A	Mx	.002	4
13	MP2A	X	2.702	2
14	MP2A	Z	1.56	2
15	MP2A	Mx	.001	2
16	MP2A	X	7.448	.5
17	MP2A	Z	4.3	.5
18	MP2A	Mx	-.002	.5
19	MP2A	X	7.448	5.5
20	MP2A	Z	4.3	5.5
21	MP2A	Mx	-.002	5.5
22	MP2A	X	7.448	.5
23	MP2A	Z	4.3	.5
24	MP2A	Mx	-.006	.5
25	MP2A	X	7.448	5.5
26	MP2A	Z	4.3	5.5
27	MP2A	Mx	-.006	5.5
28	MP1A	X	4.1	.5
29	MP1A	Z	2.367	.5
30	MP1A	Mx	-.002	.5
31	MP1A	X	4.1	5.5
32	MP1A	Z	2.367	5.5
33	MP1A	Mx	-.002	5.5
34	MP4A	X	4.1	.5
35	MP4A	Z	2.367	.5
36	MP4A	Mx	-.002	.5
37	MP4A	X	4.1	5.5
38	MP4A	Z	2.367	5.5
39	MP4A	Mx	-.002	5.5
40	MP1A	X	4.057	.5
41	MP1A	Z	2.343	.5
42	MP1A	Mx	.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.313	2
2	MP3A	Z	4.006	2
3	MP3A	Mx	-.001	2
4	MP3A	X	2.313	4
5	MP3A	Z	4.006	4
6	MP3A	Mx	-.001	4
7	MP2A	X	.434	.5
8	MP2A	Z	.752	.5
9	MP2A	Mx	.000217	.5
10	MP2A	X	2.18	4
11	MP2A	Z	3.776	4
12	MP2A	Mx	.001	4
13	MP2A	X	2.105	2
14	MP2A	Z	3.646	2
15	MP2A	Mx	.001	2
16	MP2A	X	5.294	.5
17	MP2A	Z	9.169	.5
18	MP2A	Mx	.002	.5
19	MP2A	X	5.294	5.5
20	MP2A	Z	9.169	5.5
21	MP2A	Mx	.002	5.5
22	MP2A	X	5.294	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	9.169	.5
24	MP2A	Mx	-.007	.5
25	MP2A	X	5.294	5.5
26	MP2A	Z	9.169	5.5
27	MP2A	Mx	-.007	5.5
28	MP1A	X	2.505	.5
29	MP1A	Z	4.339	.5
30	MP1A	Mx	-.001	.5
31	MP1A	X	2.505	5.5
32	MP1A	Z	4.339	5.5
33	MP1A	Mx	-.001	5.5
34	MP4A	X	2.505	.5
35	MP4A	Z	4.339	.5
36	MP4A	Mx	-.001	.5
37	MP4A	X	2.505	5.5
38	MP4A	Z	4.339	5.5
39	MP4A	Mx	-.001	5.5
40	MP1A	X	2.9	.5
41	MP1A	Z	5.022	.5
42	MP1A	Mx	.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2
2	MP3A	Z	5.467	2
3	MP3A	Mx	0	2
4	MP3A	X	0	4
5	MP3A	Z	5.467	4
6	MP3A	Mx	0	4
7	MP2A	X	0	.5
8	MP2A	Z	.941	.5
9	MP2A	Mx	0	.5
10	MP2A	X	0	4
11	MP2A	Z	4.755	4
12	MP2A	Mx	0	4
13	MP2A	X	0	2
14	MP2A	Z	4.755	2
15	MP2A	Mx	0	2
16	MP2A	X	0	.5
17	MP2A	Z	11.582	.5
18	MP2A	Mx	.006	.5
19	MP2A	X	0	5.5
20	MP2A	Z	11.582	5.5
21	MP2A	Mx	.006	5.5
22	MP2A	X	0	.5
23	MP2A	Z	11.582	.5
24	MP2A	Mx	-.006	.5
25	MP2A	X	0	5.5
26	MP2A	Z	11.582	5.5
27	MP2A	Mx	-.006	5.5
28	MP1A	X	0	.5
29	MP1A	Z	5.149	.5
30	MP1A	Mx	0	.5
31	MP1A	X	0	5.5
32	MP1A	Z	5.149	5.5
33	MP1A	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP4A	X	0	.5
35	MP4A	Z	5.149	.5
36	MP4A	Mx	0	.5
37	MP4A	X	0	5.5
38	MP4A	Z	5.149	5.5
39	MP4A	Mx	0	5.5
40	MP1A	X	0	.5
41	MP1A	Z	6.356	.5
42	MP1A	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.313	2
2	MP3A	Z	4.006	2
3	MP3A	Mx	.001	2
4	MP3A	X	-2.313	4
5	MP3A	Z	4.006	4
6	MP3A	Mx	.001	4
7	MP2A	X	-.434	.5
8	MP2A	Z	.752	.5
9	MP2A	Mx	-.000217	.5
10	MP2A	X	-2.18	4
11	MP2A	Z	3.776	4
12	MP2A	Mx	-.001	4
13	MP2A	X	-2.105	2
14	MP2A	Z	3.646	2
15	MP2A	Mx	-.001	2
16	MP2A	X	-5.294	.5
17	MP2A	Z	9.169	.5
18	MP2A	Mx	.007	.5
19	MP2A	X	-5.294	5.5
20	MP2A	Z	9.169	5.5
21	MP2A	Mx	.007	5.5
22	MP2A	X	-5.294	.5
23	MP2A	Z	9.169	.5
24	MP2A	Mx	-.002	.5
25	MP2A	X	-5.294	5.5
26	MP2A	Z	9.169	5.5
27	MP2A	Mx	-.002	5.5
28	MP1A	X	-2.505	.5
29	MP1A	Z	4.339	.5
30	MP1A	Mx	.001	.5
31	MP1A	X	-2.505	5.5
32	MP1A	Z	4.339	5.5
33	MP1A	Mx	.001	5.5
34	MP4A	X	-2.505	.5
35	MP4A	Z	4.339	.5
36	MP4A	Mx	.001	.5
37	MP4A	X	-2.505	5.5
38	MP4A	Z	4.339	5.5
39	MP4A	Mx	.001	5.5
40	MP1A	X	-2.9	.5
41	MP1A	Z	5.022	.5
42	MP1A	Mx	-.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.549	2
2	MP3A	Z	1.471	2
3	MP3A	Mx	.001	2
4	MP3A	X	-2.549	4
5	MP3A	Z	1.471	4
6	MP3A	Mx	.001	4
7	MP2A	X	-.626	.5
8	MP2A	Z	.362	.5
9	MP2A	Mx	-.000313	.5
10	MP2A	X	-3.094	4
11	MP2A	Z	1.786	4
12	MP2A	Mx	-.002	4
13	MP2A	X	-2.702	2
14	MP2A	Z	1.56	2
15	MP2A	Mx	-.001	2
16	MP2A	X	-7.448	.5
17	MP2A	Z	4.3	.5
18	MP2A	Mx	.006	.5
19	MP2A	X	-7.448	5.5
20	MP2A	Z	4.3	5.5
21	MP2A	Mx	.006	5.5
22	MP2A	X	-7.448	.5
23	MP2A	Z	4.3	.5
24	MP2A	Mx	.002	.5
25	MP2A	X	-7.448	5.5
26	MP2A	Z	4.3	5.5
27	MP2A	Mx	.002	5.5
28	MP1A	X	-4.1	.5
29	MP1A	Z	2.367	.5
30	MP1A	Mx	.002	.5
31	MP1A	X	-4.1	5.5
32	MP1A	Z	2.367	5.5
33	MP1A	Mx	.002	5.5
34	MP4A	X	-4.1	.5
35	MP4A	Z	2.367	.5
36	MP4A	Mx	.002	.5
37	MP4A	X	-4.1	5.5
38	MP4A	Z	2.367	5.5
39	MP4A	Mx	.002	5.5
40	MP1A	X	-4.057	.5
41	MP1A	Z	2.343	.5
42	MP1A	Mx	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.102	2
2	MP3A	Z	0	2
3	MP3A	Mx	.001	2
4	MP3A	X	-2.102	4
5	MP3A	Z	0	4
6	MP3A	Mx	.001	4
7	MP2A	X	-.651	.5
8	MP2A	Z	0	.5
9	MP2A	Mx	-.000326	.5
10	MP2A	X	-3.178	4
11	MP2A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2A	Mx	-.002	4
13	MP2A	X	-2.574	2
14	MP2A	Z	0	2
15	MP2A	Mx	-.001	2
16	MP2A	X	-7.607	.5
17	MP2A	Z	0	.5
18	MP2A	Mx	.004	.5
19	MP2A	X	-7.607	5.5
20	MP2A	Z	0	5.5
21	MP2A	Mx	.004	5.5
22	MP2A	X	-7.607	.5
23	MP2A	Z	0	.5
24	MP2A	Mx	.004	.5
25	MP2A	X	-7.607	5.5
26	MP2A	Z	0	5.5
27	MP2A	Mx	.004	5.5
28	MP1A	X	-4.596	.5
29	MP1A	Z	0	.5
30	MP1A	Mx	.002	.5
31	MP1A	X	-4.596	5.5
32	MP1A	Z	0	5.5
33	MP1A	Mx	.002	5.5
34	MP4A	X	-4.596	.5
35	MP4A	Z	0	.5
36	MP4A	Mx	.002	.5
37	MP4A	X	-4.596	5.5
38	MP4A	Z	0	5.5
39	MP4A	Mx	.002	5.5
40	MP1A	X	-4.128	.5
41	MP1A	Z	0	.5
42	MP1A	Mx	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.549	2
2	MP3A	Z	-1.471	2
3	MP3A	Mx	.001	2
4	MP3A	X	-2.549	4
5	MP3A	Z	-1.471	4
6	MP3A	Mx	.001	4
7	MP2A	X	-.626	.5
8	MP2A	Z	-.362	.5
9	MP2A	Mx	-.000313	.5
10	MP2A	X	-3.094	4
11	MP2A	Z	-1.786	4
12	MP2A	Mx	-.002	4
13	MP2A	X	-2.702	2
14	MP2A	Z	-1.56	2
15	MP2A	Mx	-.001	2
16	MP2A	X	-7.448	.5
17	MP2A	Z	-4.3	.5
18	MP2A	Mx	.002	.5
19	MP2A	X	-7.448	5.5
20	MP2A	Z	-4.3	5.5
21	MP2A	Mx	.002	5.5
22	MP2A	X	-7.448	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-4.3	.5
24	MP2A	Mx	.006	.5
25	MP2A	X	-7.448	5.5
26	MP2A	Z	-4.3	5.5
27	MP2A	Mx	.006	5.5
28	MP1A	X	-4.1	.5
29	MP1A	Z	-2.367	.5
30	MP1A	Mx	.002	.5
31	MP1A	X	-4.1	5.5
32	MP1A	Z	-2.367	5.5
33	MP1A	Mx	.002	5.5
34	MP4A	X	-4.1	.5
35	MP4A	Z	-2.367	.5
36	MP4A	Mx	.002	.5
37	MP4A	X	-4.1	5.5
38	MP4A	Z	-2.367	5.5
39	MP4A	Mx	.002	5.5
40	MP1A	X	-4.057	.5
41	MP1A	Z	-2.343	.5
42	MP1A	Mx	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.313	2
2	MP3A	Z	-4.006	2
3	MP3A	Mx	.001	2
4	MP3A	X	-2.313	4
5	MP3A	Z	-4.006	4
6	MP3A	Mx	.001	4
7	MP2A	X	-.434	.5
8	MP2A	Z	-.752	.5
9	MP2A	Mx	-.000217	.5
10	MP2A	X	-2.18	4
11	MP2A	Z	-3.776	4
12	MP2A	Mx	-.001	4
13	MP2A	X	-2.105	2
14	MP2A	Z	-3.646	2
15	MP2A	Mx	-.001	2
16	MP2A	X	-5.294	.5
17	MP2A	Z	-9.169	.5
18	MP2A	Mx	-.002	.5
19	MP2A	X	-5.294	5.5
20	MP2A	Z	-9.169	5.5
21	MP2A	Mx	-.002	5.5
22	MP2A	X	-5.294	.5
23	MP2A	Z	-9.169	.5
24	MP2A	Mx	.007	.5
25	MP2A	X	-5.294	5.5
26	MP2A	Z	-9.169	5.5
27	MP2A	Mx	.007	5.5
28	MP1A	X	-2.505	.5
29	MP1A	Z	-4.339	.5
30	MP1A	Mx	.001	.5
31	MP1A	X	-2.505	5.5
32	MP1A	Z	-4.339	5.5
33	MP1A	Mx	.001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP4A	X	-2.505	.5
35	MP4A	Z	-4.339	.5
36	MP4A	Mx	.001	.5
37	MP4A	X	-2.505	5.5
38	MP4A	Z	-4.339	5.5
39	MP4A	Mx	.001	5.5
40	MP1A	X	-2.9	.5
41	MP1A	Z	-5.022	.5
42	MP1A	Mx	-.001	.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M10	Y	-500	%3

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M10	Y	-500	%73

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M10	Y	-250	%100

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M10	Y	-250	%50

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-8.435	-8.435	0	%100
2	M3	Y	-8.435	-8.435	0	%100
3	M5	Y	-5.714	-5.714	0	%100
4	M6	Y	-5.714	-5.714	0	%100
5	M7	Y	-4.821	-4.821	0	%100
6	M8	Y	-5.714	-5.714	0	%100
7	M9	Y	-5.714	-5.714	0	%100
8	M10	Y	-4.821	-4.821	0	%100
9	M11	Y	-4.821	-4.821	0	%100
10	M12	Y	-4.821	-4.821	0	%100
11	M13	Y	-4.821	-4.821	0	%100
12	M14	Y	-4.821	-4.821	0	%100
13	M15	Y	-5.714	-5.714	0	%100
14	M16	Y	-4.167	-4.167	0	%100
15	M17	Y	-5.714	-5.714	0	%100
16	M18	Y	-4.167	-4.167	0	%100
17	M19	Y	-5.714	-5.714	0	%100
18	M20	Y	-5.714	-5.714	0	%100
19	M21	Y	-5.714	-5.714	0	%100
20	M22	Y	-4.167	-4.167	0	%100
21	M23	Y	-4.167	-4.167	0	%100
22	M24	Y	-4.821	-4.821	0	%100
23	M25	Y	-5.714	-5.714	0	%100
24	M26	Y	-5.714	-5.714	0	%100
25	M27	Y	-4.167	-4.167	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
26	M28	Y	-5.714	-5.714	0	%100
27	M29	Y	-4.167	-4.167	0	%100
28	M30	Y	-5.714	-5.714	0	%100
29	M31	Y	-5.714	-5.714	0	%100
30	M32	Y	-5.714	-5.714	0	%100
31	M33	Y	-4.167	-4.167	0	%100
32	M34	Y	-4.167	-4.167	0	%100
33	M35	Y	-4.821	-4.821	0	%100
34	M36	Y	-5.714	-5.714	0	%100
35	MP4A	Y	-4.821	-4.821	0	%100
36	MP2A	Y	-4.821	-4.821	0	%100
37	MP1A	Y	-4.821	-4.821	0	%100
38	M46	Y	-4.821	-4.821	0	%100
39	MP3A	Y	-4.821	-4.821	0	%100
40	M52	Y	-4.821	-4.821	0	%100
41	M55	Y	-4.821	-4.821	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-11.979	-11.979	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	-11.979	-11.979	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	-.734	-.734	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-.734	-.734	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-9.483	-9.483	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	-.734	-.734	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	-.734	-.734	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-9.483	-9.483	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	-4.651	-4.651	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-4.651	-4.651	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-4.651	-4.651	0	%100
23	M14	X	0	0	0	%100
24	M14	Z	-4.651	-4.651	0	%100
25	M15	X	0	0	0	%100
26	M15	Z	-1.581	-1.581	0	%100
27	M16	X	0	0	0	%100
28	M16	Z	-5.687	-5.687	0	%100
29	M17	X	0	0	0	%100
30	M17	Z	-1.581	-1.581	0	%100
31	M18	X	0	0	0	%100
32	M18	Z	-5.687	-5.687	0	%100
33	M19	X	0	0	0	%100
34	M19	Z	-1.844	-1.844	0	%100
35	M20	X	0	0	0	%100
36	M20	Z	-1.497	-1.497	0	%100
37	M21	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M21	Z	-1.497	-1.497	0	%100
39	M22	X	0	0	0	%100
40	M22	Z	-6.262	-6.262	0	%100
41	M23	X	0	0	0	%100
42	M23	Z	-6.262	-6.262	0	%100
43	M24	X	0	0	0	%100
44	M24	Z	-6.873	-6.873	0	%100
45	M25	X	0	0	0	%100
46	M25	Z	-1.844	-1.844	0	%100
47	M26	X	0	0	0	%100
48	M26	Z	-1.581	-1.581	0	%100
49	M27	X	0	0	0	%100
50	M27	Z	-5.687	-5.687	0	%100
51	M28	X	0	0	0	%100
52	M28	Z	-1.581	-1.581	0	%100
53	M29	X	0	0	0	%100
54	M29	Z	-5.687	-5.687	0	%100
55	M30	X	0	0	0	%100
56	M30	Z	-1.844	-1.844	0	%100
57	M31	X	0	0	0	%100
58	M31	Z	-1.497	-1.497	0	%100
59	M32	X	0	0	0	%100
60	M32	Z	-1.497	-1.497	0	%100
61	M33	X	0	0	0	%100
62	M33	Z	-6.262	-6.262	0	%100
63	M34	X	0	0	0	%100
64	M34	Z	-6.262	-6.262	0	%100
65	M35	X	0	0	0	%100
66	M35	Z	-6.873	-6.873	0	%100
67	M36	X	0	0	0	%100
68	M36	Z	-1.844	-1.844	0	%100
69	MP4A	X	0	0	0	%100
70	MP4A	Z	-8.253	-8.253	0	%100
71	MP2A	X	0	0	0	%100
72	MP2A	Z	-8.253	-8.253	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	-8.253	-8.253	0	%100
75	M46	X	0	0	0	%100
76	M46	Z	-.488	-.488	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-8.253	-8.253	0	%100
79	M52	X	0	0	0	%100
80	M52	Z	-8.253	-8.253	0	%100
81	M55	X	0	0	0	%100
82	M55	Z	-8.253	-8.253	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.492	4.492	0	%100
2	M1	Z	-7.78	-7.78	0	%100
3	M3	X	4.492	4.492	0	%100
4	M3	Z	-7.78	-7.78	0	%100
5	M5	X	.047	.047	0	%100
6	M5	Z	-.081	-.081	0	%100
7	M6	X	.695	.695	0	%100
8	M6	Z	-1.204	-1.204	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
9	M7	X	3.556	3.556	0	%100
10	M7	Z	-6.16	-6.16	0	%100
11	M8	X	.047	.047	0	%100
12	M8	Z	-.081	-.081	0	%100
13	M9	X	.695	.695	0	%100
14	M9	Z	-1.204	-1.204	0	%100
15	M10	X	3.556	3.556	0	%100
16	M10	Z	-6.16	-6.16	0	%100
17	M11	X	.295	.295	0	%100
18	M11	Z	-.512	-.512	0	%100
19	M12	X	4.401	4.401	0	%100
20	M12	Z	-7.623	-7.623	0	%100
21	M13	X	.295	.295	0	%100
22	M13	Z	-.512	-.512	0	%100
23	M14	X	4.401	4.401	0	%100
24	M14	Z	-7.623	-7.623	0	%100
25	M15	X	2.09	2.09	0	%100
26	M15	Z	-3.62	-3.62	0	%100
27	M16	X	3.162	3.162	0	%100
28	M16	Z	-5.477	-5.477	0	%100
29	M17	X	2.09	2.09	0	%100
30	M17	Z	-3.62	-3.62	0	%100
31	M18	X	3.162	3.162	0	%100
32	M18	Z	-5.477	-5.477	0	%100
33	M19	X	2.189	2.189	0	%100
34	M19	Z	-3.791	-3.791	0	%100
35	M20	X	2.253	2.253	0	%100
36	M20	Z	-3.902	-3.902	0	%100
37	M21	X	2.253	2.253	0	%100
38	M21	Z	-3.902	-3.902	0	%100
39	M22	X	3.209	3.209	0	%100
40	M22	Z	-5.558	-5.558	0	%100
41	M23	X	3.209	3.209	0	%100
42	M23	Z	-5.558	-5.558	0	%100
43	M24	X	3.519	3.519	0	%100
44	M24	Z	-6.095	-6.095	0	%100
45	M25	X	2.189	2.189	0	%100
46	M25	Z	-3.791	-3.791	0	%100
47	M26	X	2.09	2.09	0	%100
48	M26	Z	-3.62	-3.62	0	%100
49	M27	X	2.532	2.532	0	%100
50	M27	Z	-4.385	-4.385	0	%100
51	M28	X	2.09	2.09	0	%100
52	M28	Z	-3.62	-3.62	0	%100
53	M29	X	2.532	2.532	0	%100
54	M29	Z	-4.385	-4.385	0	%100
55	M30	X	2.189	2.189	0	%100
56	M30	Z	-3.791	-3.791	0	%100
57	M31	X	2.253	2.253	0	%100
58	M31	Z	-3.902	-3.902	0	%100
59	M32	X	2.253	2.253	0	%100
60	M32	Z	-3.902	-3.902	0	%100
61	M33	X	3.209	3.209	0	%100
62	M33	Z	-5.558	-5.558	0	%100
63	M34	X	3.209	3.209	0	%100
64	M34	Z	-5.558	-5.558	0	%100
65	M35	X	3.519	3.519	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
66	M35	Z	-6.095	-6.095	0	%100
67	M36	X	2.189	2.189	0	%100
68	M36	Z	-3.791	-3.791	0	%100
69	MP4A	X	4.28	4.28	0	%100
70	MP4A	Z	-7.414	-7.414	0	%100
71	MP2A	X	4.28	4.28	0	%100
72	MP2A	Z	-7.414	-7.414	0	%100
73	MP1A	X	4.28	4.28	0	%100
74	MP1A	Z	-7.414	-7.414	0	%100
75	M46	X	.598	.598	0	%100
76	M46	Z	-1.036	-1.036	0	%100
77	MP3A	X	4.28	4.28	0	%100
78	MP3A	Z	-7.414	-7.414	0	%100
79	M52	X	4.28	4.28	0	%100
80	M52	Z	-7.414	-7.414	0	%100
81	M55	X	4.28	4.28	0	%100
82	M55	Z	-7.414	-7.414	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.593	2.593	0	%100
2	M1	Z	-1.497	-1.497	0	%100
3	M3	X	2.593	2.593	0	%100
4	M3	Z	-1.497	-1.497	0	%100
5	M5	X	.093	.093	0	%100
6	M5	Z	-.054	-.054	0	%100
7	M6	X	1.216	1.216	0	%100
8	M6	Z	-.702	-.702	0	%100
9	M7	X	2.053	2.053	0	%100
10	M7	Z	-1.185	-1.185	0	%100
11	M8	X	.093	.093	0	%100
12	M8	Z	-.054	-.054	0	%100
13	M9	X	1.216	1.216	0	%100
14	M9	Z	-.702	-.702	0	%100
15	M10	X	2.053	2.053	0	%100
16	M10	Z	-1.185	-1.185	0	%100
17	M11	X	.59	.59	0	%100
18	M11	Z	-.341	-.341	0	%100
19	M12	X	7.701	7.701	0	%100
20	M12	Z	-4.446	-4.446	0	%100
21	M13	X	.59	.59	0	%100
22	M13	Z	-.341	-.341	0	%100
23	M14	X	7.701	7.701	0	%100
24	M14	Z	-4.446	-4.446	0	%100
25	M15	X	8.123	8.123	0	%100
26	M15	Z	-4.69	-4.69	0	%100
27	M16	X	5.489	5.489	0	%100
28	M16	Z	-3.169	-3.169	0	%100
29	M17	X	8.123	8.123	0	%100
30	M17	Z	-4.69	-4.69	0	%100
31	M18	X	5.489	5.489	0	%100
32	M18	Z	-3.169	-3.169	0	%100
33	M19	X	8.18	8.18	0	%100
34	M19	Z	-4.723	-4.723	0	%100
35	M20	X	9.113	9.113	0	%100
36	M20	Z	-5.262	-5.262	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M21	X	9.113	9.113	0	%100
38	M21	Z	-5.262	-5.262	0	%100
39	M22	X	5.827	5.827	0	%100
40	M22	Z	-3.364	-3.364	0	%100
41	M23	X	5.827	5.827	0	%100
42	M23	Z	-3.364	-3.364	0	%100
43	M24	X	6.381	6.381	0	%100
44	M24	Z	-3.684	-3.684	0	%100
45	M25	X	8.18	8.18	0	%100
46	M25	Z	-4.723	-4.723	0	%100
47	M26	X	8.123	8.123	0	%100
48	M26	Z	-4.69	-4.69	0	%100
49	M27	X	4.397	4.397	0	%100
50	M27	Z	-2.539	-2.539	0	%100
51	M28	X	8.123	8.123	0	%100
52	M28	Z	-4.69	-4.69	0	%100
53	M29	X	4.397	4.397	0	%100
54	M29	Z	-2.539	-2.539	0	%100
55	M30	X	8.18	8.18	0	%100
56	M30	Z	-4.723	-4.723	0	%100
57	M31	X	9.113	9.113	0	%100
58	M31	Z	-5.262	-5.262	0	%100
59	M32	X	9.113	9.113	0	%100
60	M32	Z	-5.262	-5.262	0	%100
61	M33	X	5.827	5.827	0	%100
62	M33	Z	-3.364	-3.364	0	%100
63	M34	X	5.827	5.827	0	%100
64	M34	Z	-3.364	-3.364	0	%100
65	M35	X	6.381	6.381	0	%100
66	M35	Z	-3.684	-3.684	0	%100
67	M36	X	8.18	8.18	0	%100
68	M36	Z	-4.723	-4.723	0	%100
69	MP4A	X	7.946	7.946	0	%100
70	MP4A	Z	-4.588	-4.588	0	%100
71	MP2A	X	7.946	7.946	0	%100
72	MP2A	Z	-4.588	-4.588	0	%100
73	MP1A	X	7.946	7.946	0	%100
74	MP1A	Z	-4.588	-4.588	0	%100
75	M46	X	4.793	4.793	0	%100
76	M46	Z	-2.767	-2.767	0	%100
77	MP3A	X	7.946	7.946	0	%100
78	MP3A	Z	-4.588	-4.588	0	%100
79	M52	X	7.946	7.946	0	%100
80	M52	Z	-4.588	-4.588	0	%100
81	M55	X	7.946	7.946	0	%100
82	M55	Z	-4.588	-4.588	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M5	X	.763	.763	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	.763	.763	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M6	Z	0	0	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	.763	.763	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	.763	.763	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	4.832	4.832	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	4.832	4.832	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	4.832	4.832	0	%100
22	M13	Z	0	0	0	%100
23	M14	X	4.832	4.832	0	%100
24	M14	Z	0	0	0	%100
25	M15	X	11.979	11.979	0	%100
26	M15	Z	0	0	0	%100
27	M16	X	5.715	5.715	0	%100
28	M16	Z	0	0	0	%100
29	M17	X	11.979	11.979	0	%100
30	M17	Z	0	0	0	%100
31	M18	X	5.715	5.715	0	%100
32	M18	Z	0	0	0	%100
33	M19	X	11.979	11.979	0	%100
34	M19	Z	0	0	0	%100
35	M20	X	13.532	13.532	0	%100
36	M20	Z	0	0	0	%100
37	M21	X	13.532	13.532	0	%100
38	M21	Z	0	0	0	%100
39	M22	X	6.884	6.884	0	%100
40	M22	Z	0	0	0	%100
41	M23	X	6.884	6.884	0	%100
42	M23	Z	0	0	0	%100
43	M24	X	7.533	7.533	0	%100
44	M24	Z	0	0	0	%100
45	M25	X	11.979	11.979	0	%100
46	M25	Z	0	0	0	%100
47	M26	X	11.979	11.979	0	%100
48	M26	Z	0	0	0	%100
49	M27	X	5.715	5.715	0	%100
50	M27	Z	0	0	0	%100
51	M28	X	11.979	11.979	0	%100
52	M28	Z	0	0	0	%100
53	M29	X	5.715	5.715	0	%100
54	M29	Z	0	0	0	%100
55	M30	X	11.979	11.979	0	%100
56	M30	Z	0	0	0	%100
57	M31	X	13.532	13.532	0	%100
58	M31	Z	0	0	0	%100
59	M32	X	13.532	13.532	0	%100
60	M32	Z	0	0	0	%100
61	M33	X	6.884	6.884	0	%100
62	M33	Z	0	0	0	%100
63	M34	X	6.884	6.884	0	%100
64	M34	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M35	X	7.533	7.533	0	%100
66	M35	Z	0	0	0	%100
67	M36	X	11.979	11.979	0	%100
68	M36	Z	0	0	0	%100
69	MP4A	X	9.483	9.483	0	%100
70	MP4A	Z	0	0	0	%100
71	MP2A	X	9.483	9.483	0	%100
72	MP2A	Z	0	0	0	%100
73	MP1A	X	9.483	9.483	0	%100
74	MP1A	Z	0	0	0	%100
75	M46	X	9.166	9.166	0	%100
76	M46	Z	0	0	0	%100
77	MP3A	X	9.483	9.483	0	%100
78	MP3A	Z	0	0	0	%100
79	M52	X	9.483	9.483	0	%100
80	M52	Z	0	0	0	%100
81	M55	X	9.483	9.483	0	%100
82	M55	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.593	2.593	0	%100
2	M1	Z	1.497	1.497	0	%100
3	M3	X	2.593	2.593	0	%100
4	M3	Z	1.497	1.497	0	%100
5	M5	X	1.216	1.216	0	%100
6	M5	Z	.702	.702	0	%100
7	M6	X	.093	.093	0	%100
8	M6	Z	.054	.054	0	%100
9	M7	X	2.053	2.053	0	%100
10	M7	Z	1.185	1.185	0	%100
11	M8	X	1.216	1.216	0	%100
12	M8	Z	.702	.702	0	%100
13	M9	X	.093	.093	0	%100
14	M9	Z	.054	.054	0	%100
15	M10	X	2.053	2.053	0	%100
16	M10	Z	1.185	1.185	0	%100
17	M11	X	7.701	7.701	0	%100
18	M11	Z	4.446	4.446	0	%100
19	M12	X	.59	.59	0	%100
20	M12	Z	.341	.341	0	%100
21	M13	X	7.701	7.701	0	%100
22	M13	Z	4.446	4.446	0	%100
23	M14	X	.59	.59	0	%100
24	M14	Z	.341	.341	0	%100
25	M15	X	8.123	8.123	0	%100
26	M15	Z	4.69	4.69	0	%100
27	M16	X	4.397	4.397	0	%100
28	M16	Z	2.539	2.539	0	%100
29	M17	X	8.123	8.123	0	%100
30	M17	Z	4.69	4.69	0	%100
31	M18	X	4.397	4.397	0	%100
32	M18	Z	2.539	2.539	0	%100
33	M19	X	8.18	8.18	0	%100
34	M19	Z	4.723	4.723	0	%100
35	M20	X	9.113	9.113	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
36	M20	Z	5.262	5.262	0	%100
37	M21	X	9.113	9.113	0	%100
38	M21	Z	5.262	5.262	0	%100
39	M22	X	5.827	5.827	0	%100
40	M22	Z	3.364	3.364	0	%100
41	M23	X	5.827	5.827	0	%100
42	M23	Z	3.364	3.364	0	%100
43	M24	X	6.381	6.381	0	%100
44	M24	Z	3.684	3.684	0	%100
45	M25	X	8.18	8.18	0	%100
46	M25	Z	4.723	4.723	0	%100
47	M26	X	8.123	8.123	0	%100
48	M26	Z	4.69	4.69	0	%100
49	M27	X	5.489	5.489	0	%100
50	M27	Z	3.169	3.169	0	%100
51	M28	X	8.123	8.123	0	%100
52	M28	Z	4.69	4.69	0	%100
53	M29	X	5.489	5.489	0	%100
54	M29	Z	3.169	3.169	0	%100
55	M30	X	8.18	8.18	0	%100
56	M30	Z	4.723	4.723	0	%100
57	M31	X	9.113	9.113	0	%100
58	M31	Z	5.262	5.262	0	%100
59	M32	X	9.113	9.113	0	%100
60	M32	Z	5.262	5.262	0	%100
61	M33	X	5.827	5.827	0	%100
62	M33	Z	3.364	3.364	0	%100
63	M34	X	5.827	5.827	0	%100
64	M34	Z	3.364	3.364	0	%100
65	M35	X	6.381	6.381	0	%100
66	M35	Z	3.684	3.684	0	%100
67	M36	X	8.18	8.18	0	%100
68	M36	Z	4.723	4.723	0	%100
69	MP4A	X	7.946	7.946	0	%100
70	MP4A	Z	4.588	4.588	0	%100
71	MP2A	X	7.946	7.946	0	%100
72	MP2A	Z	4.588	4.588	0	%100
73	MP1A	X	7.946	7.946	0	%100
74	MP1A	Z	4.588	4.588	0	%100
75	M46	X	7.326	7.326	0	%100
76	M46	Z	4.229	4.229	0	%100
77	MP3A	X	7.946	7.946	0	%100
78	MP3A	Z	4.588	4.588	0	%100
79	M52	X	7.946	7.946	0	%100
80	M52	Z	4.588	4.588	0	%100
81	M55	X	7.946	7.946	0	%100
82	M55	Z	4.588	4.588	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.492	4.492	0	%100
2	M1	Z	7.78	7.78	0	%100
3	M3	X	4.492	4.492	0	%100
4	M3	Z	7.78	7.78	0	%100
5	M5	X	.695	.695	0	%100
6	M5	Z	1.204	1.204	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	M6	X	.047	.047	0	%100
8	M6	Z	.081	.081	0	%100
9	M7	X	3.556	3.556	0	%100
10	M7	Z	6.16	6.16	0	%100
11	M8	X	.695	.695	0	%100
12	M8	Z	1.204	1.204	0	%100
13	M9	X	.047	.047	0	%100
14	M9	Z	.081	.081	0	%100
15	M10	X	3.556	3.556	0	%100
16	M10	Z	6.16	6.16	0	%100
17	M11	X	4.401	4.401	0	%100
18	M11	Z	7.623	7.623	0	%100
19	M12	X	.295	.295	0	%100
20	M12	Z	.512	.512	0	%100
21	M13	X	4.401	4.401	0	%100
22	M13	Z	7.623	7.623	0	%100
23	M14	X	.295	.295	0	%100
24	M14	Z	.512	.512	0	%100
25	M15	X	2.09	2.09	0	%100
26	M15	Z	3.62	3.62	0	%100
27	M16	X	2.532	2.532	0	%100
28	M16	Z	4.385	4.385	0	%100
29	M17	X	2.09	2.09	0	%100
30	M17	Z	3.62	3.62	0	%100
31	M18	X	2.532	2.532	0	%100
32	M18	Z	4.385	4.385	0	%100
33	M19	X	2.189	2.189	0	%100
34	M19	Z	3.791	3.791	0	%100
35	M20	X	2.253	2.253	0	%100
36	M20	Z	3.902	3.902	0	%100
37	M21	X	2.253	2.253	0	%100
38	M21	Z	3.902	3.902	0	%100
39	M22	X	3.209	3.209	0	%100
40	M22	Z	5.558	5.558	0	%100
41	M23	X	3.209	3.209	0	%100
42	M23	Z	5.558	5.558	0	%100
43	M24	X	3.519	3.519	0	%100
44	M24	Z	6.095	6.095	0	%100
45	M25	X	2.189	2.189	0	%100
46	M25	Z	3.791	3.791	0	%100
47	M26	X	2.09	2.09	0	%100
48	M26	Z	3.62	3.62	0	%100
49	M27	X	3.162	3.162	0	%100
50	M27	Z	5.477	5.477	0	%100
51	M28	X	2.09	2.09	0	%100
52	M28	Z	3.62	3.62	0	%100
53	M29	X	3.162	3.162	0	%100
54	M29	Z	5.477	5.477	0	%100
55	M30	X	2.189	2.189	0	%100
56	M30	Z	3.791	3.791	0	%100
57	M31	X	2.253	2.253	0	%100
58	M31	Z	3.902	3.902	0	%100
59	M32	X	2.253	2.253	0	%100
60	M32	Z	3.902	3.902	0	%100
61	M33	X	3.209	3.209	0	%100
62	M33	Z	5.558	5.558	0	%100
63	M34	X	3.209	3.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
64	M34	Z	5.558	5.558	0	%100
65	M35	X	3.519	3.519	0	%100
66	M35	Z	6.095	6.095	0	%100
67	M36	X	2.189	2.189	0	%100
68	M36	Z	3.791	3.791	0	%100
69	MP4A	X	4.28	4.28	0	%100
70	MP4A	Z	7.414	7.414	0	%100
71	MP2A	X	4.28	4.28	0	%100
72	MP2A	Z	7.414	7.414	0	%100
73	MP1A	X	4.28	4.28	0	%100
74	MP1A	Z	7.414	7.414	0	%100
75	M46	X	2.06	2.06	0	%100
76	M46	Z	3.568	3.568	0	%100
77	MP3A	X	4.28	4.28	0	%100
78	MP3A	Z	7.414	7.414	0	%100
79	M52	X	4.28	4.28	0	%100
80	M52	Z	7.414	7.414	0	%100
81	M55	X	4.28	4.28	0	%100
82	M55	Z	7.414	7.414	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	11.979	11.979	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	11.979	11.979	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	.734	.734	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.734	.734	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	9.483	9.483	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	.734	.734	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	.734	.734	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	9.483	9.483	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	4.651	4.651	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	4.651	4.651	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	4.651	4.651	0	%100
23	M14	X	0	0	0	%100
24	M14	Z	4.651	4.651	0	%100
25	M15	X	0	0	0	%100
26	M15	Z	1.581	1.581	0	%100
27	M16	X	0	0	0	%100
28	M16	Z	5.687	5.687	0	%100
29	M17	X	0	0	0	%100
30	M17	Z	1.581	1.581	0	%100
31	M18	X	0	0	0	%100
32	M18	Z	5.687	5.687	0	%100
33	M19	X	0	0	0	%100
34	M19	Z	1.844	1.844	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M20	X	0	0	0	%100
36	M20	Z	1.497	1.497	0	%100
37	M21	X	0	0	0	%100
38	M21	Z	1.497	1.497	0	%100
39	M22	X	0	0	0	%100
40	M22	Z	6.262	6.262	0	%100
41	M23	X	0	0	0	%100
42	M23	Z	6.262	6.262	0	%100
43	M24	X	0	0	0	%100
44	M24	Z	6.873	6.873	0	%100
45	M25	X	0	0	0	%100
46	M25	Z	1.844	1.844	0	%100
47	M26	X	0	0	0	%100
48	M26	Z	1.581	1.581	0	%100
49	M27	X	0	0	0	%100
50	M27	Z	5.687	5.687	0	%100
51	M28	X	0	0	0	%100
52	M28	Z	1.581	1.581	0	%100
53	M29	X	0	0	0	%100
54	M29	Z	5.687	5.687	0	%100
55	M30	X	0	0	0	%100
56	M30	Z	1.844	1.844	0	%100
57	M31	X	0	0	0	%100
58	M31	Z	1.497	1.497	0	%100
59	M32	X	0	0	0	%100
60	M32	Z	1.497	1.497	0	%100
61	M33	X	0	0	0	%100
62	M33	Z	6.262	6.262	0	%100
63	M34	X	0	0	0	%100
64	M34	Z	6.262	6.262	0	%100
65	M35	X	0	0	0	%100
66	M35	Z	6.873	6.873	0	%100
67	M36	X	0	0	0	%100
68	M36	Z	1.844	1.844	0	%100
69	MP4A	X	0	0	0	%100
70	MP4A	Z	8.253	8.253	0	%100
71	MP2A	X	0	0	0	%100
72	MP2A	Z	8.253	8.253	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	8.253	8.253	0	%100
75	M46	X	0	0	0	%100
76	M46	Z	.488	.488	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	8.253	8.253	0	%100
79	M52	X	0	0	0	%100
80	M52	Z	8.253	8.253	0	%100
81	M55	X	0	0	0	%100
82	M55	Z	8.253	8.253	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.492	-4.492	0	%100
2	M1	Z	7.78	7.78	0	%100
3	M3	X	-4.492	-4.492	0	%100
4	M3	Z	7.78	7.78	0	%100
5	M5	X	-.047	-.047	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
6	M5	Z	.081	.081	0	%100
7	M6	X	-.695	-.695	0	%100
8	M6	Z	1.204	1.204	0	%100
9	M7	X	-3.556	-3.556	0	%100
10	M7	Z	6.16	6.16	0	%100
11	M8	X	-.047	-.047	0	%100
12	M8	Z	.081	.081	0	%100
13	M9	X	-.695	-.695	0	%100
14	M9	Z	1.204	1.204	0	%100
15	M10	X	-3.556	-3.556	0	%100
16	M10	Z	6.16	6.16	0	%100
17	M11	X	-.295	-.295	0	%100
18	M11	Z	.512	.512	0	%100
19	M12	X	-4.401	-4.401	0	%100
20	M12	Z	7.623	7.623	0	%100
21	M13	X	-.295	-.295	0	%100
22	M13	Z	.512	.512	0	%100
23	M14	X	-4.401	-4.401	0	%100
24	M14	Z	7.623	7.623	0	%100
25	M15	X	-2.09	-2.09	0	%100
26	M15	Z	3.62	3.62	0	%100
27	M16	X	-3.162	-3.162	0	%100
28	M16	Z	5.477	5.477	0	%100
29	M17	X	-2.09	-2.09	0	%100
30	M17	Z	3.62	3.62	0	%100
31	M18	X	-3.162	-3.162	0	%100
32	M18	Z	5.477	5.477	0	%100
33	M19	X	-2.189	-2.189	0	%100
34	M19	Z	3.791	3.791	0	%100
35	M20	X	-2.253	-2.253	0	%100
36	M20	Z	3.902	3.902	0	%100
37	M21	X	-2.253	-2.253	0	%100
38	M21	Z	3.902	3.902	0	%100
39	M22	X	-3.209	-3.209	0	%100
40	M22	Z	5.558	5.558	0	%100
41	M23	X	-3.209	-3.209	0	%100
42	M23	Z	5.558	5.558	0	%100
43	M24	X	-3.519	-3.519	0	%100
44	M24	Z	6.095	6.095	0	%100
45	M25	X	-2.189	-2.189	0	%100
46	M25	Z	3.791	3.791	0	%100
47	M26	X	-2.09	-2.09	0	%100
48	M26	Z	3.62	3.62	0	%100
49	M27	X	-2.532	-2.532	0	%100
50	M27	Z	4.385	4.385	0	%100
51	M28	X	-2.09	-2.09	0	%100
52	M28	Z	3.62	3.62	0	%100
53	M29	X	-2.532	-2.532	0	%100
54	M29	Z	4.385	4.385	0	%100
55	M30	X	-2.189	-2.189	0	%100
56	M30	Z	3.791	3.791	0	%100
57	M31	X	-2.253	-2.253	0	%100
58	M31	Z	3.902	3.902	0	%100
59	M32	X	-2.253	-2.253	0	%100
60	M32	Z	3.902	3.902	0	%100
61	M33	X	-3.209	-3.209	0	%100
62	M33	Z	5.558	5.558	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
63	M34	X	-3.209	-3.209	0	%100
64	M34	Z	5.558	5.558	0	%100
65	M35	X	-3.519	-3.519	0	%100
66	M35	Z	6.095	6.095	0	%100
67	M36	X	-2.189	-2.189	0	%100
68	M36	Z	3.791	3.791	0	%100
69	MP4A	X	-4.28	-4.28	0	%100
70	MP4A	Z	7.414	7.414	0	%100
71	MP2A	X	-4.28	-4.28	0	%100
72	MP2A	Z	7.414	7.414	0	%100
73	MP1A	X	-4.28	-4.28	0	%100
74	MP1A	Z	7.414	7.414	0	%100
75	M46	X	-.598	-.598	0	%100
76	M46	Z	1.036	1.036	0	%100
77	MP3A	X	-4.28	-4.28	0	%100
78	MP3A	Z	7.414	7.414	0	%100
79	M52	X	-4.28	-4.28	0	%100
80	M52	Z	7.414	7.414	0	%100
81	M55	X	-4.28	-4.28	0	%100
82	M55	Z	7.414	7.414	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.593	-2.593	0	%100
2	M1	Z	1.497	1.497	0	%100
3	M3	X	-2.593	-2.593	0	%100
4	M3	Z	1.497	1.497	0	%100
5	M5	X	-.093	-.093	0	%100
6	M5	Z	.054	.054	0	%100
7	M6	X	-1.216	-1.216	0	%100
8	M6	Z	.702	.702	0	%100
9	M7	X	-2.053	-2.053	0	%100
10	M7	Z	1.185	1.185	0	%100
11	M8	X	-.093	-.093	0	%100
12	M8	Z	.054	.054	0	%100
13	M9	X	-1.216	-1.216	0	%100
14	M9	Z	.702	.702	0	%100
15	M10	X	-2.053	-2.053	0	%100
16	M10	Z	1.185	1.185	0	%100
17	M11	X	-.59	-.59	0	%100
18	M11	Z	.341	.341	0	%100
19	M12	X	-7.701	-7.701	0	%100
20	M12	Z	4.446	4.446	0	%100
21	M13	X	-.59	-.59	0	%100
22	M13	Z	.341	.341	0	%100
23	M14	X	-7.701	-7.701	0	%100
24	M14	Z	4.446	4.446	0	%100
25	M15	X	-8.123	-8.123	0	%100
26	M15	Z	4.69	4.69	0	%100
27	M16	X	-5.489	-5.489	0	%100
28	M16	Z	3.169	3.169	0	%100
29	M17	X	-8.123	-8.123	0	%100
30	M17	Z	4.69	4.69	0	%100
31	M18	X	-5.489	-5.489	0	%100
32	M18	Z	3.169	3.169	0	%100
33	M19	X	-8.18	-8.18	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M19	Z	4.723	4.723	0	%100
35	M20	X	-9.113	-9.113	0	%100
36	M20	Z	5.262	5.262	0	%100
37	M21	X	-9.113	-9.113	0	%100
38	M21	Z	5.262	5.262	0	%100
39	M22	X	-5.827	-5.827	0	%100
40	M22	Z	3.364	3.364	0	%100
41	M23	X	-5.827	-5.827	0	%100
42	M23	Z	3.364	3.364	0	%100
43	M24	X	-6.381	-6.381	0	%100
44	M24	Z	3.684	3.684	0	%100
45	M25	X	-8.18	-8.18	0	%100
46	M25	Z	4.723	4.723	0	%100
47	M26	X	-8.123	-8.123	0	%100
48	M26	Z	4.69	4.69	0	%100
49	M27	X	-4.397	-4.397	0	%100
50	M27	Z	2.539	2.539	0	%100
51	M28	X	-8.123	-8.123	0	%100
52	M28	Z	4.69	4.69	0	%100
53	M29	X	-4.397	-4.397	0	%100
54	M29	Z	2.539	2.539	0	%100
55	M30	X	-8.18	-8.18	0	%100
56	M30	Z	4.723	4.723	0	%100
57	M31	X	-9.113	-9.113	0	%100
58	M31	Z	5.262	5.262	0	%100
59	M32	X	-9.113	-9.113	0	%100
60	M32	Z	5.262	5.262	0	%100
61	M33	X	-5.827	-5.827	0	%100
62	M33	Z	3.364	3.364	0	%100
63	M34	X	-5.827	-5.827	0	%100
64	M34	Z	3.364	3.364	0	%100
65	M35	X	-6.381	-6.381	0	%100
66	M35	Z	3.684	3.684	0	%100
67	M36	X	-8.18	-8.18	0	%100
68	M36	Z	4.723	4.723	0	%100
69	MP4A	X	-7.946	-7.946	0	%100
70	MP4A	Z	4.588	4.588	0	%100
71	MP2A	X	-7.946	-7.946	0	%100
72	MP2A	Z	4.588	4.588	0	%100
73	MP1A	X	-7.946	-7.946	0	%100
74	MP1A	Z	4.588	4.588	0	%100
75	M46	X	-4.793	-4.793	0	%100
76	M46	Z	2.767	2.767	0	%100
77	MP3A	X	-7.946	-7.946	0	%100
78	MP3A	Z	4.588	4.588	0	%100
79	M52	X	-7.946	-7.946	0	%100
80	M52	Z	4.588	4.588	0	%100
81	M55	X	-7.946	-7.946	0	%100
82	M55	Z	4.588	4.588	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
5	M5	X	-.763	-.763	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-.763	-.763	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	-.763	-.763	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	-.763	-.763	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	-4.832	-4.832	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-4.832	-4.832	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	-4.832	-4.832	0	%100
22	M13	Z	0	0	0	%100
23	M14	X	-4.832	-4.832	0	%100
24	M14	Z	0	0	0	%100
25	M15	X	-11.979	-11.979	0	%100
26	M15	Z	0	0	0	%100
27	M16	X	-5.715	-5.715	0	%100
28	M16	Z	0	0	0	%100
29	M17	X	-11.979	-11.979	0	%100
30	M17	Z	0	0	0	%100
31	M18	X	-5.715	-5.715	0	%100
32	M18	Z	0	0	0	%100
33	M19	X	-11.979	-11.979	0	%100
34	M19	Z	0	0	0	%100
35	M20	X	-13.532	-13.532	0	%100
36	M20	Z	0	0	0	%100
37	M21	X	-13.532	-13.532	0	%100
38	M21	Z	0	0	0	%100
39	M22	X	-6.884	-6.884	0	%100
40	M22	Z	0	0	0	%100
41	M23	X	-6.884	-6.884	0	%100
42	M23	Z	0	0	0	%100
43	M24	X	-7.533	-7.533	0	%100
44	M24	Z	0	0	0	%100
45	M25	X	-11.979	-11.979	0	%100
46	M25	Z	0	0	0	%100
47	M26	X	-11.979	-11.979	0	%100
48	M26	Z	0	0	0	%100
49	M27	X	-5.715	-5.715	0	%100
50	M27	Z	0	0	0	%100
51	M28	X	-11.979	-11.979	0	%100
52	M28	Z	0	0	0	%100
53	M29	X	-5.715	-5.715	0	%100
54	M29	Z	0	0	0	%100
55	M30	X	-11.979	-11.979	0	%100
56	M30	Z	0	0	0	%100
57	M31	X	-13.532	-13.532	0	%100
58	M31	Z	0	0	0	%100
59	M32	X	-13.532	-13.532	0	%100
60	M32	Z	0	0	0	%100
61	M33	X	-6.884	-6.884	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M33	Z	0	0	0	%100
63	M34	X	-6.884	-6.884	0	%100
64	M34	Z	0	0	0	%100
65	M35	X	-7.533	-7.533	0	%100
66	M35	Z	0	0	0	%100
67	M36	X	-11.979	-11.979	0	%100
68	M36	Z	0	0	0	%100
69	MP4A	X	-9.483	-9.483	0	%100
70	MP4A	Z	0	0	0	%100
71	MP2A	X	-9.483	-9.483	0	%100
72	MP2A	Z	0	0	0	%100
73	MP1A	X	-9.483	-9.483	0	%100
74	MP1A	Z	0	0	0	%100
75	M46	X	-9.166	-9.166	0	%100
76	M46	Z	0	0	0	%100
77	MP3A	X	-9.483	-9.483	0	%100
78	MP3A	Z	0	0	0	%100
79	M52	X	-9.483	-9.483	0	%100
80	M52	Z	0	0	0	%100
81	M55	X	-9.483	-9.483	0	%100
82	M55	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.593	-2.593	0	%100
2	M1	Z	-1.497	-1.497	0	%100
3	M3	X	-2.593	-2.593	0	%100
4	M3	Z	-1.497	-1.497	0	%100
5	M5	X	-1.216	-1.216	0	%100
6	M5	Z	-.702	-.702	0	%100
7	M6	X	-.093	-.093	0	%100
8	M6	Z	-.054	-.054	0	%100
9	M7	X	-2.053	-2.053	0	%100
10	M7	Z	-1.185	-1.185	0	%100
11	M8	X	-1.216	-1.216	0	%100
12	M8	Z	-.702	-.702	0	%100
13	M9	X	-.093	-.093	0	%100
14	M9	Z	-.054	-.054	0	%100
15	M10	X	-2.053	-2.053	0	%100
16	M10	Z	-1.185	-1.185	0	%100
17	M11	X	-7.701	-7.701	0	%100
18	M11	Z	-4.446	-4.446	0	%100
19	M12	X	-.59	-.59	0	%100
20	M12	Z	-.341	-.341	0	%100
21	M13	X	-7.701	-7.701	0	%100
22	M13	Z	-4.446	-4.446	0	%100
23	M14	X	-.59	-.59	0	%100
24	M14	Z	-.341	-.341	0	%100
25	M15	X	-8.123	-8.123	0	%100
26	M15	Z	-4.69	-4.69	0	%100
27	M16	X	-4.397	-4.397	0	%100
28	M16	Z	-2.539	-2.539	0	%100
29	M17	X	-8.123	-8.123	0	%100
30	M17	Z	-4.69	-4.69	0	%100
31	M18	X	-4.397	-4.397	0	%100
32	M18	Z	-2.539	-2.539	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	M19	X	-8.18	-8.18	0	%100
34	M19	Z	-4.723	-4.723	0	%100
35	M20	X	-9.113	-9.113	0	%100
36	M20	Z	-5.262	-5.262	0	%100
37	M21	X	-9.113	-9.113	0	%100
38	M21	Z	-5.262	-5.262	0	%100
39	M22	X	-5.827	-5.827	0	%100
40	M22	Z	-3.364	-3.364	0	%100
41	M23	X	-5.827	-5.827	0	%100
42	M23	Z	-3.364	-3.364	0	%100
43	M24	X	-6.381	-6.381	0	%100
44	M24	Z	-3.684	-3.684	0	%100
45	M25	X	-8.18	-8.18	0	%100
46	M25	Z	-4.723	-4.723	0	%100
47	M26	X	-8.123	-8.123	0	%100
48	M26	Z	-4.69	-4.69	0	%100
49	M27	X	-5.489	-5.489	0	%100
50	M27	Z	-3.169	-3.169	0	%100
51	M28	X	-8.123	-8.123	0	%100
52	M28	Z	-4.69	-4.69	0	%100
53	M29	X	-5.489	-5.489	0	%100
54	M29	Z	-3.169	-3.169	0	%100
55	M30	X	-8.18	-8.18	0	%100
56	M30	Z	-4.723	-4.723	0	%100
57	M31	X	-9.113	-9.113	0	%100
58	M31	Z	-5.262	-5.262	0	%100
59	M32	X	-9.113	-9.113	0	%100
60	M32	Z	-5.262	-5.262	0	%100
61	M33	X	-5.827	-5.827	0	%100
62	M33	Z	-3.364	-3.364	0	%100
63	M34	X	-5.827	-5.827	0	%100
64	M34	Z	-3.364	-3.364	0	%100
65	M35	X	-6.381	-6.381	0	%100
66	M35	Z	-3.684	-3.684	0	%100
67	M36	X	-8.18	-8.18	0	%100
68	M36	Z	-4.723	-4.723	0	%100
69	MP4A	X	-7.946	-7.946	0	%100
70	MP4A	Z	-4.588	-4.588	0	%100
71	MP2A	X	-7.946	-7.946	0	%100
72	MP2A	Z	-4.588	-4.588	0	%100
73	MP1A	X	-7.946	-7.946	0	%100
74	MP1A	Z	-4.588	-4.588	0	%100
75	M46	X	-7.326	-7.326	0	%100
76	M46	Z	-4.229	-4.229	0	%100
77	MP3A	X	-7.946	-7.946	0	%100
78	MP3A	Z	-4.588	-4.588	0	%100
79	M52	X	-7.946	-7.946	0	%100
80	M52	Z	-4.588	-4.588	0	%100
81	M55	X	-7.946	-7.946	0	%100
82	M55	Z	-4.588	-4.588	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.492	-4.492	0	%100
2	M1	Z	-7.78	-7.78	0	%100
3	M3	X	-4.492	-4.492	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M3	Z	-7.78	-7.78	0	%100
5	M5	X	-.695	-.695	0	%100
6	M5	Z	-1.204	-1.204	0	%100
7	M6	X	-.047	-.047	0	%100
8	M6	Z	-.081	-.081	0	%100
9	M7	X	-3.556	-3.556	0	%100
10	M7	Z	-6.16	-6.16	0	%100
11	M8	X	-.695	-.695	0	%100
12	M8	Z	-1.204	-1.204	0	%100
13	M9	X	-.047	-.047	0	%100
14	M9	Z	-.081	-.081	0	%100
15	M10	X	-3.556	-3.556	0	%100
16	M10	Z	-6.16	-6.16	0	%100
17	M11	X	-4.401	-4.401	0	%100
18	M11	Z	-7.623	-7.623	0	%100
19	M12	X	-.295	-.295	0	%100
20	M12	Z	-.512	-.512	0	%100
21	M13	X	-4.401	-4.401	0	%100
22	M13	Z	-7.623	-7.623	0	%100
23	M14	X	-.295	-.295	0	%100
24	M14	Z	-.512	-.512	0	%100
25	M15	X	-2.09	-2.09	0	%100
26	M15	Z	-3.62	-3.62	0	%100
27	M16	X	-2.532	-2.532	0	%100
28	M16	Z	-4.385	-4.385	0	%100
29	M17	X	-2.09	-2.09	0	%100
30	M17	Z	-3.62	-3.62	0	%100
31	M18	X	-2.532	-2.532	0	%100
32	M18	Z	-4.385	-4.385	0	%100
33	M19	X	-2.189	-2.189	0	%100
34	M19	Z	-3.791	-3.791	0	%100
35	M20	X	-2.253	-2.253	0	%100
36	M20	Z	-3.902	-3.902	0	%100
37	M21	X	-2.253	-2.253	0	%100
38	M21	Z	-3.902	-3.902	0	%100
39	M22	X	-3.209	-3.209	0	%100
40	M22	Z	-5.558	-5.558	0	%100
41	M23	X	-3.209	-3.209	0	%100
42	M23	Z	-5.558	-5.558	0	%100
43	M24	X	-3.519	-3.519	0	%100
44	M24	Z	-6.095	-6.095	0	%100
45	M25	X	-2.189	-2.189	0	%100
46	M25	Z	-3.791	-3.791	0	%100
47	M26	X	-2.09	-2.09	0	%100
48	M26	Z	-3.62	-3.62	0	%100
49	M27	X	-3.162	-3.162	0	%100
50	M27	Z	-5.477	-5.477	0	%100
51	M28	X	-2.09	-2.09	0	%100
52	M28	Z	-3.62	-3.62	0	%100
53	M29	X	-3.162	-3.162	0	%100
54	M29	Z	-5.477	-5.477	0	%100
55	M30	X	-2.189	-2.189	0	%100
56	M30	Z	-3.791	-3.791	0	%100
57	M31	X	-2.253	-2.253	0	%100
58	M31	Z	-3.902	-3.902	0	%100
59	M32	X	-2.253	-2.253	0	%100
60	M32	Z	-3.902	-3.902	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M33	X	-3.209	-3.209	0	%100
62	M33	Z	-5.558	-5.558	0	%100
63	M34	X	-3.209	-3.209	0	%100
64	M34	Z	-5.558	-5.558	0	%100
65	M35	X	-3.519	-3.519	0	%100
66	M35	Z	-6.095	-6.095	0	%100
67	M36	X	-2.189	-2.189	0	%100
68	M36	Z	-3.791	-3.791	0	%100
69	MP4A	X	-4.28	-4.28	0	%100
70	MP4A	Z	-7.414	-7.414	0	%100
71	MP2A	X	-4.28	-4.28	0	%100
72	MP2A	Z	-7.414	-7.414	0	%100
73	MP1A	X	-4.28	-4.28	0	%100
74	MP1A	Z	-7.414	-7.414	0	%100
75	M46	X	-2.06	-2.06	0	%100
76	M46	Z	-3.568	-3.568	0	%100
77	MP3A	X	-4.28	-4.28	0	%100
78	MP3A	Z	-7.414	-7.414	0	%100
79	M52	X	-4.28	-4.28	0	%100
80	M52	Z	-7.414	-7.414	0	%100
81	M55	X	-4.28	-4.28	0	%100
82	M55	Z	-7.414	-7.414	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.062	-3.062	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	-3.062	-3.062	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	-.585	-.585	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-.585	-.585	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-3.269	-3.269	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	-.585	-.585	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	-.585	-.585	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-3.269	-3.269	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	-1.603	-1.603	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-1.603	-1.603	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-1.603	-1.603	0	%100
23	M14	X	0	0	0	%100
24	M14	Z	-1.603	-1.603	0	%100
25	M15	X	0	0	0	%100
26	M15	Z	-1.208	-1.208	0	%100
27	M16	X	0	0	0	%100
28	M16	Z	-2.243	-2.243	0	%100
29	M17	X	0	0	0	%100
30	M17	Z	-1.208	-1.208	0	%100
31	M18	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
32	M18	Z	-2.243	-2.243	0	%100
33	M19	X	0	0	0	%100
34	M19	Z	-1.255	-1.255	0	%100
35	M20	X	0	0	0	%100
36	M20	Z	-1.253	-1.253	0	%100
37	M21	X	0	0	0	%100
38	M21	Z	-1.253	-1.253	0	%100
39	M22	X	0	0	0	%100
40	M22	Z	-2.46	-2.46	0	%100
41	M23	X	0	0	0	%100
42	M23	Z	-2.46	-2.46	0	%100
43	M24	X	0	0	0	%100
44	M24	Z	-2.502	-2.502	0	%100
45	M25	X	0	0	0	%100
46	M25	Z	-1.255	-1.255	0	%100
47	M26	X	0	0	0	%100
48	M26	Z	-1.208	-1.208	0	%100
49	M27	X	0	0	0	%100
50	M27	Z	-2.243	-2.243	0	%100
51	M28	X	0	0	0	%100
52	M28	Z	-1.208	-1.208	0	%100
53	M29	X	0	0	0	%100
54	M29	Z	-2.243	-2.243	0	%100
55	M30	X	0	0	0	%100
56	M30	Z	-1.255	-1.255	0	%100
57	M31	X	0	0	0	%100
58	M31	Z	-1.253	-1.253	0	%100
59	M32	X	0	0	0	%100
60	M32	Z	-1.253	-1.253	0	%100
61	M33	X	0	0	0	%100
62	M33	Z	-2.46	-2.46	0	%100
63	M34	X	0	0	0	%100
64	M34	Z	-2.46	-2.46	0	%100
65	M35	X	0	0	0	%100
66	M35	Z	-2.502	-2.502	0	%100
67	M36	X	0	0	0	%100
68	M36	Z	-1.255	-1.255	0	%100
69	MP4A	X	0	0	0	%100
70	MP4A	Z	-3.052	-3.052	0	%100
71	MP2A	X	0	0	0	%100
72	MP2A	Z	-3.052	-3.052	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	-3.052	-3.052	0	%100
75	M46	X	0	0	0	%100
76	M46	Z	-.172	-.172	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-3.052	-3.052	0	%100
79	M52	X	0	0	0	%100
80	M52	Z	-3.052	-3.052	0	%100
81	M55	X	0	0	0	%100
82	M55	Z	-3.052	-3.052	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.148	1.148	0	%100
2	M1	Z	-1.989	-1.989	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
3	M3	X	1.148	1.148	0	%100
4	M3	Z	-1.989	-1.989	0	%100
5	M5	X	.037	.037	0	%100
6	M5	Z	-.064	-.064	0	%100
7	M6	X	.554	.554	0	%100
8	M6	Z	-.959	-.959	0	%100
9	M7	X	1.226	1.226	0	%100
10	M7	Z	-2.123	-2.123	0	%100
11	M8	X	.037	.037	0	%100
12	M8	Z	-.064	-.064	0	%100
13	M9	X	.554	.554	0	%100
14	M9	Z	-.959	-.959	0	%100
15	M10	X	1.226	1.226	0	%100
16	M10	Z	-2.123	-2.123	0	%100
17	M11	X	.102	.102	0	%100
18	M11	Z	-.176	-.176	0	%100
19	M12	X	1.517	1.517	0	%100
20	M12	Z	-2.628	-2.628	0	%100
21	M13	X	.102	.102	0	%100
22	M13	Z	-.176	-.176	0	%100
23	M14	X	1.517	1.517	0	%100
24	M14	Z	-2.628	-2.628	0	%100
25	M15	X	.834	.834	0	%100
26	M15	Z	-1.444	-1.444	0	%100
27	M16	X	1.291	1.291	0	%100
28	M16	Z	-2.237	-2.237	0	%100
29	M17	X	.834	.834	0	%100
30	M17	Z	-1.444	-1.444	0	%100
31	M18	X	1.291	1.291	0	%100
32	M18	Z	-2.237	-2.237	0	%100
33	M19	X	.851	.851	0	%100
34	M19	Z	-1.475	-1.475	0	%100
35	M20	X	.892	.892	0	%100
36	M20	Z	-1.546	-1.546	0	%100
37	M21	X	.892	.892	0	%100
38	M21	Z	-1.546	-1.546	0	%100
39	M22	X	1.244	1.244	0	%100
40	M22	Z	-2.154	-2.154	0	%100
41	M23	X	1.244	1.244	0	%100
42	M23	Z	-2.154	-2.154	0	%100
43	M24	X	1.266	1.266	0	%100
44	M24	Z	-2.192	-2.192	0	%100
45	M25	X	.851	.851	0	%100
46	M25	Z	-1.475	-1.475	0	%100
47	M26	X	.834	.834	0	%100
48	M26	Z	-1.444	-1.444	0	%100
49	M27	X	.956	.956	0	%100
50	M27	Z	-1.656	-1.656	0	%100
51	M28	X	.834	.834	0	%100
52	M28	Z	-1.444	-1.444	0	%100
53	M29	X	.956	.956	0	%100
54	M29	Z	-1.656	-1.656	0	%100
55	M30	X	.851	.851	0	%100
56	M30	Z	-1.475	-1.475	0	%100
57	M31	X	.892	.892	0	%100
58	M31	Z	-1.546	-1.546	0	%100
59	M32	X	.892	.892	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
60	M32	Z	-1.546	-1.546	0	%100
61	M33	X	1.244	1.244	0	%100
62	M33	Z	-2.154	-2.154	0	%100
63	M34	X	1.244	1.244	0	%100
64	M34	Z	-2.154	-2.154	0	%100
65	M35	X	1.266	1.266	0	%100
66	M35	Z	-2.192	-2.192	0	%100
67	M36	X	.851	.851	0	%100
68	M36	Z	-1.475	-1.475	0	%100
69	MP4A	X	1.553	1.553	0	%100
70	MP4A	Z	-2.69	-2.69	0	%100
71	MP2A	X	1.553	1.553	0	%100
72	MP2A	Z	-2.69	-2.69	0	%100
73	MP1A	X	1.553	1.553	0	%100
74	MP1A	Z	-2.69	-2.69	0	%100
75	M46	X	.208	.208	0	%100
76	M46	Z	-.36	-.36	0	%100
77	MP3A	X	1.553	1.553	0	%100
78	MP3A	Z	-2.69	-2.69	0	%100
79	M52	X	1.553	1.553	0	%100
80	M52	Z	-2.69	-2.69	0	%100
81	M55	X	1.553	1.553	0	%100
82	M55	Z	-2.69	-2.69	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.663	.663	0	%100
2	M1	Z	-.383	-.383	0	%100
3	M3	X	.663	.663	0	%100
4	M3	Z	-.383	-.383	0	%100
5	M5	X	.074	.074	0	%100
6	M5	Z	-.043	-.043	0	%100
7	M6	X	.969	.969	0	%100
8	M6	Z	-.56	-.56	0	%100
9	M7	X	.708	.708	0	%100
10	M7	Z	-.409	-.409	0	%100
11	M8	X	.074	.074	0	%100
12	M8	Z	-.043	-.043	0	%100
13	M9	X	.969	.969	0	%100
14	M9	Z	-.56	-.56	0	%100
15	M10	X	.708	.708	0	%100
16	M10	Z	-.409	-.409	0	%100
17	M11	X	.203	.203	0	%100
18	M11	Z	-.117	-.117	0	%100
19	M12	X	2.655	2.655	0	%100
20	M12	Z	-1.533	-1.533	0	%100
21	M13	X	.203	.203	0	%100
22	M13	Z	-.117	-.117	0	%100
23	M14	X	2.655	2.655	0	%100
24	M14	Z	-1.533	-1.533	0	%100
25	M15	X	2.241	2.241	0	%100
26	M15	Z	-1.294	-1.294	0	%100
27	M16	X	2.243	2.243	0	%100
28	M16	Z	-1.295	-1.295	0	%100
29	M17	X	2.241	2.241	0	%100
30	M17	Z	-1.294	-1.294	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M18	X	2.243	2.243	0	%100
32	M18	Z	-1.295	-1.295	0	%100
33	M19	X	2.251	2.251	0	%100
34	M19	Z	-1.3	-1.3	0	%100
35	M20	X	2.467	2.467	0	%100
36	M20	Z	-1.425	-1.425	0	%100
37	M21	X	2.467	2.467	0	%100
38	M21	Z	-1.425	-1.425	0	%100
39	M22	X	2.201	2.201	0	%100
40	M22	Z	-1.271	-1.271	0	%100
41	M23	X	2.201	2.201	0	%100
42	M23	Z	-1.271	-1.271	0	%100
43	M24	X	2.243	2.243	0	%100
44	M24	Z	-1.295	-1.295	0	%100
45	M25	X	2.251	2.251	0	%100
46	M25	Z	-1.3	-1.3	0	%100
47	M26	X	2.241	2.241	0	%100
48	M26	Z	-1.294	-1.294	0	%100
49	M27	X	1.662	1.662	0	%100
50	M27	Z	-.96	-.96	0	%100
51	M28	X	2.241	2.241	0	%100
52	M28	Z	-1.294	-1.294	0	%100
53	M29	X	1.662	1.662	0	%100
54	M29	Z	-.96	-.96	0	%100
55	M30	X	2.251	2.251	0	%100
56	M30	Z	-1.3	-1.3	0	%100
57	M31	X	2.467	2.467	0	%100
58	M31	Z	-1.425	-1.425	0	%100
59	M32	X	2.467	2.467	0	%100
60	M32	Z	-1.425	-1.425	0	%100
61	M33	X	2.201	2.201	0	%100
62	M33	Z	-1.271	-1.271	0	%100
63	M34	X	2.201	2.201	0	%100
64	M34	Z	-1.271	-1.271	0	%100
65	M35	X	2.243	2.243	0	%100
66	M35	Z	-1.295	-1.295	0	%100
67	M36	X	2.251	2.251	0	%100
68	M36	Z	-1.3	-1.3	0	%100
69	MP4A	X	2.784	2.784	0	%100
70	MP4A	Z	-1.607	-1.607	0	%100
71	MP2A	X	2.784	2.784	0	%100
72	MP2A	Z	-1.607	-1.607	0	%100
73	MP1A	X	2.784	2.784	0	%100
74	MP1A	Z	-1.607	-1.607	0	%100
75	M46	X	1.654	1.654	0	%100
76	M46	Z	-.955	-.955	0	%100
77	MP3A	X	2.784	2.784	0	%100
78	MP3A	Z	-1.607	-1.607	0	%100
79	M52	X	2.784	2.784	0	%100
80	M52	Z	-1.607	-1.607	0	%100
81	M55	X	2.784	2.784	0	%100
82	M55	Z	-1.607	-1.607	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M5	X	.608	.608	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	.608	.608	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	.608	.608	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	.608	.608	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	1.666	1.666	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	1.666	1.666	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	1.666	1.666	0	%100
22	M13	Z	0	0	0	%100
23	M14	X	1.666	1.666	0	%100
24	M14	Z	0	0	0	%100
25	M15	X	3.047	3.047	0	%100
26	M15	Z	0	0	0	%100
27	M16	X	2.258	2.258	0	%100
28	M16	Z	0	0	0	%100
29	M17	X	3.047	3.047	0	%100
30	M17	Z	0	0	0	%100
31	M18	X	2.258	2.258	0	%100
32	M18	Z	0	0	0	%100
33	M19	X	3.047	3.047	0	%100
34	M19	Z	0	0	0	%100
35	M20	X	3.381	3.381	0	%100
36	M20	Z	0	0	0	%100
37	M21	X	3.381	3.381	0	%100
38	M21	Z	0	0	0	%100
39	M22	X	2.57	2.57	0	%100
40	M22	Z	0	0	0	%100
41	M23	X	2.57	2.57	0	%100
42	M23	Z	0	0	0	%100
43	M24	X	2.619	2.619	0	%100
44	M24	Z	0	0	0	%100
45	M25	X	3.047	3.047	0	%100
46	M25	Z	0	0	0	%100
47	M26	X	3.047	3.047	0	%100
48	M26	Z	0	0	0	%100
49	M27	X	2.258	2.258	0	%100
50	M27	Z	0	0	0	%100
51	M28	X	3.047	3.047	0	%100
52	M28	Z	0	0	0	%100
53	M29	X	2.258	2.258	0	%100
54	M29	Z	0	0	0	%100
55	M30	X	3.047	3.047	0	%100
56	M30	Z	0	0	0	%100
57	M31	X	3.381	3.381	0	%100
58	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M32	X	3.381	3.381	0	%100
60	M32	Z	0	0	0	%100
61	M33	X	2.57	2.57	0	%100
62	M33	Z	0	0	0	%100
63	M34	X	2.57	2.57	0	%100
64	M34	Z	0	0	0	%100
65	M35	X	2.619	2.619	0	%100
66	M35	Z	0	0	0	%100
67	M36	X	3.047	3.047	0	%100
68	M36	Z	0	0	0	%100
69	MP4A	X	3.269	3.269	0	%100
70	MP4A	Z	0	0	0	%100
71	MP2A	X	3.269	3.269	0	%100
72	MP2A	Z	0	0	0	%100
73	MP1A	X	3.269	3.269	0	%100
74	MP1A	Z	0	0	0	%100
75	M46	X	3.16	3.16	0	%100
76	M46	Z	0	0	0	%100
77	MP3A	X	3.269	3.269	0	%100
78	MP3A	Z	0	0	0	%100
79	M52	X	3.269	3.269	0	%100
80	M52	Z	0	0	0	%100
81	M55	X	3.269	3.269	0	%100
82	M55	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.663	.663	0	%100
2	M1	Z	.383	.383	0	%100
3	M3	X	.663	.663	0	%100
4	M3	Z	.383	.383	0	%100
5	M5	X	.969	.969	0	%100
6	M5	Z	.56	.56	0	%100
7	M6	X	.074	.074	0	%100
8	M6	Z	.043	.043	0	%100
9	M7	X	.708	.708	0	%100
10	M7	Z	.409	.409	0	%100
11	M8	X	.969	.969	0	%100
12	M8	Z	.56	.56	0	%100
13	M9	X	.074	.074	0	%100
14	M9	Z	.043	.043	0	%100
15	M10	X	.708	.708	0	%100
16	M10	Z	.409	.409	0	%100
17	M11	X	2.655	2.655	0	%100
18	M11	Z	1.533	1.533	0	%100
19	M12	X	.203	.203	0	%100
20	M12	Z	.117	.117	0	%100
21	M13	X	2.655	2.655	0	%100
22	M13	Z	1.533	1.533	0	%100
23	M14	X	.203	.203	0	%100
24	M14	Z	.117	.117	0	%100
25	M15	X	2.241	2.241	0	%100
26	M15	Z	1.294	1.294	0	%100
27	M16	X	1.662	1.662	0	%100
28	M16	Z	.96	.96	0	%100
29	M17	X	2.241	2.241	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
30	M17	Z	1.294	1.294	0	%100
31	M18	X	1.662	1.662	0	%100
32	M18	Z	.96	.96	0	%100
33	M19	X	2.251	2.251	0	%100
34	M19	Z	1.3	1.3	0	%100
35	M20	X	2.467	2.467	0	%100
36	M20	Z	1.425	1.425	0	%100
37	M21	X	2.467	2.467	0	%100
38	M21	Z	1.425	1.425	0	%100
39	M22	X	2.201	2.201	0	%100
40	M22	Z	1.271	1.271	0	%100
41	M23	X	2.201	2.201	0	%100
42	M23	Z	1.271	1.271	0	%100
43	M24	X	2.243	2.243	0	%100
44	M24	Z	1.295	1.295	0	%100
45	M25	X	2.251	2.251	0	%100
46	M25	Z	1.3	1.3	0	%100
47	M26	X	2.241	2.241	0	%100
48	M26	Z	1.294	1.294	0	%100
49	M27	X	2.243	2.243	0	%100
50	M27	Z	1.295	1.295	0	%100
51	M28	X	2.241	2.241	0	%100
52	M28	Z	1.294	1.294	0	%100
53	M29	X	2.243	2.243	0	%100
54	M29	Z	1.295	1.295	0	%100
55	M30	X	2.251	2.251	0	%100
56	M30	Z	1.3	1.3	0	%100
57	M31	X	2.467	2.467	0	%100
58	M31	Z	1.425	1.425	0	%100
59	M32	X	2.467	2.467	0	%100
60	M32	Z	1.425	1.425	0	%100
61	M33	X	2.201	2.201	0	%100
62	M33	Z	1.271	1.271	0	%100
63	M34	X	2.201	2.201	0	%100
64	M34	Z	1.271	1.271	0	%100
65	M35	X	2.243	2.243	0	%100
66	M35	Z	1.295	1.295	0	%100
67	M36	X	2.251	2.251	0	%100
68	M36	Z	1.3	1.3	0	%100
69	MP4A	X	2.784	2.784	0	%100
70	MP4A	Z	1.607	1.607	0	%100
71	MP2A	X	2.784	2.784	0	%100
72	MP2A	Z	1.607	1.607	0	%100
73	MP1A	X	2.784	2.784	0	%100
74	MP1A	Z	1.607	1.607	0	%100
75	M46	X	2.526	2.526	0	%100
76	M46	Z	1.458	1.458	0	%100
77	MP3A	X	2.784	2.784	0	%100
78	MP3A	Z	1.607	1.607	0	%100
79	M52	X	2.784	2.784	0	%100
80	M52	Z	1.607	1.607	0	%100
81	M55	X	2.784	2.784	0	%100
82	M55	Z	1.607	1.607	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.148	1.148	0	%100
2	M1	Z	1.989	1.989	0	%100
3	M3	X	1.148	1.148	0	%100
4	M3	Z	1.989	1.989	0	%100
5	M5	X	.554	.554	0	%100
6	M5	Z	.959	.959	0	%100
7	M6	X	.037	.037	0	%100
8	M6	Z	.064	.064	0	%100
9	M7	X	1.226	1.226	0	%100
10	M7	Z	2.123	2.123	0	%100
11	M8	X	.554	.554	0	%100
12	M8	Z	.959	.959	0	%100
13	M9	X	.037	.037	0	%100
14	M9	Z	.064	.064	0	%100
15	M10	X	1.226	1.226	0	%100
16	M10	Z	2.123	2.123	0	%100
17	M11	X	1.517	1.517	0	%100
18	M11	Z	2.628	2.628	0	%100
19	M12	X	.102	.102	0	%100
20	M12	Z	.176	.176	0	%100
21	M13	X	1.517	1.517	0	%100
22	M13	Z	2.628	2.628	0	%100
23	M14	X	.102	.102	0	%100
24	M14	Z	.176	.176	0	%100
25	M15	X	.834	.834	0	%100
26	M15	Z	1.444	1.444	0	%100
27	M16	X	.956	.956	0	%100
28	M16	Z	1.656	1.656	0	%100
29	M17	X	.834	.834	0	%100
30	M17	Z	1.444	1.444	0	%100
31	M18	X	.956	.956	0	%100
32	M18	Z	1.656	1.656	0	%100
33	M19	X	.851	.851	0	%100
34	M19	Z	1.475	1.475	0	%100
35	M20	X	.892	.892	0	%100
36	M20	Z	1.546	1.546	0	%100
37	M21	X	.892	.892	0	%100
38	M21	Z	1.546	1.546	0	%100
39	M22	X	1.244	1.244	0	%100
40	M22	Z	2.154	2.154	0	%100
41	M23	X	1.244	1.244	0	%100
42	M23	Z	2.154	2.154	0	%100
43	M24	X	1.266	1.266	0	%100
44	M24	Z	2.192	2.192	0	%100
45	M25	X	.851	.851	0	%100
46	M25	Z	1.475	1.475	0	%100
47	M26	X	.834	.834	0	%100
48	M26	Z	1.444	1.444	0	%100
49	M27	X	1.291	1.291	0	%100
50	M27	Z	2.237	2.237	0	%100
51	M28	X	.834	.834	0	%100
52	M28	Z	1.444	1.444	0	%100
53	M29	X	1.291	1.291	0	%100
54	M29	Z	2.237	2.237	0	%100
55	M30	X	.851	.851	0	%100
56	M30	Z	1.475	1.475	0	%100
57	M31	X	.892	.892	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M31	Z	1.546	1.546	0	%100
59	M32	X	.892	.892	0	%100
60	M32	Z	1.546	1.546	0	%100
61	M33	X	1.244	1.244	0	%100
62	M33	Z	2.154	2.154	0	%100
63	M34	X	1.244	1.244	0	%100
64	M34	Z	2.154	2.154	0	%100
65	M35	X	1.266	1.266	0	%100
66	M35	Z	2.192	2.192	0	%100
67	M36	X	.851	.851	0	%100
68	M36	Z	1.475	1.475	0	%100
69	MP4A	X	1.553	1.553	0	%100
70	MP4A	Z	2.69	2.69	0	%100
71	MP2A	X	1.553	1.553	0	%100
72	MP2A	Z	2.69	2.69	0	%100
73	MP1A	X	1.553	1.553	0	%100
74	MP1A	Z	2.69	2.69	0	%100
75	M46	X	.711	.711	0	%100
76	M46	Z	1.232	1.232	0	%100
77	MP3A	X	1.553	1.553	0	%100
78	MP3A	Z	2.69	2.69	0	%100
79	M52	X	1.553	1.553	0	%100
80	M52	Z	2.69	2.69	0	%100
81	M55	X	1.553	1.553	0	%100
82	M55	Z	2.69	2.69	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.062	3.062	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	3.062	3.062	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	.585	.585	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.585	.585	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	3.269	3.269	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	.585	.585	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	.585	.585	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	3.269	3.269	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	1.603	1.603	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	1.603	1.603	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	1.603	1.603	0	%100
23	M14	X	0	0	0	%100
24	M14	Z	1.603	1.603	0	%100
25	M15	X	0	0	0	%100
26	M15	Z	1.208	1.208	0	%100
27	M16	X	0	0	0	%100
28	M16	Z	2.243	2.243	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M17	X	0	0	0	%100
30	M17	Z	1.208	1.208	0	%100
31	M18	X	0	0	0	%100
32	M18	Z	2.243	2.243	0	%100
33	M19	X	0	0	0	%100
34	M19	Z	1.255	1.255	0	%100
35	M20	X	0	0	0	%100
36	M20	Z	1.253	1.253	0	%100
37	M21	X	0	0	0	%100
38	M21	Z	1.253	1.253	0	%100
39	M22	X	0	0	0	%100
40	M22	Z	2.46	2.46	0	%100
41	M23	X	0	0	0	%100
42	M23	Z	2.46	2.46	0	%100
43	M24	X	0	0	0	%100
44	M24	Z	2.502	2.502	0	%100
45	M25	X	0	0	0	%100
46	M25	Z	1.255	1.255	0	%100
47	M26	X	0	0	0	%100
48	M26	Z	1.208	1.208	0	%100
49	M27	X	0	0	0	%100
50	M27	Z	2.243	2.243	0	%100
51	M28	X	0	0	0	%100
52	M28	Z	1.208	1.208	0	%100
53	M29	X	0	0	0	%100
54	M29	Z	2.243	2.243	0	%100
55	M30	X	0	0	0	%100
56	M30	Z	1.255	1.255	0	%100
57	M31	X	0	0	0	%100
58	M31	Z	1.253	1.253	0	%100
59	M32	X	0	0	0	%100
60	M32	Z	1.253	1.253	0	%100
61	M33	X	0	0	0	%100
62	M33	Z	2.46	2.46	0	%100
63	M34	X	0	0	0	%100
64	M34	Z	2.46	2.46	0	%100
65	M35	X	0	0	0	%100
66	M35	Z	2.502	2.502	0	%100
67	M36	X	0	0	0	%100
68	M36	Z	1.255	1.255	0	%100
69	MP4A	X	0	0	0	%100
70	MP4A	Z	3.052	3.052	0	%100
71	MP2A	X	0	0	0	%100
72	MP2A	Z	3.052	3.052	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	3.052	3.052	0	%100
75	M46	X	0	0	0	%100
76	M46	Z	.172	.172	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	3.052	3.052	0	%100
79	M52	X	0	0	0	%100
80	M52	Z	3.052	3.052	0	%100
81	M55	X	0	0	0	%100
82	M55	Z	3.052	3.052	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.148	-1.148	0	%100
2	M1	Z	1.989	1.989	0	%100
3	M3	X	-1.148	-1.148	0	%100
4	M3	Z	1.989	1.989	0	%100
5	M5	X	-.037	-.037	0	%100
6	M5	Z	.064	.064	0	%100
7	M6	X	-.554	-.554	0	%100
8	M6	Z	.959	.959	0	%100
9	M7	X	-1.226	-1.226	0	%100
10	M7	Z	2.123	2.123	0	%100
11	M8	X	-.037	-.037	0	%100
12	M8	Z	.064	.064	0	%100
13	M9	X	-.554	-.554	0	%100
14	M9	Z	.959	.959	0	%100
15	M10	X	-1.226	-1.226	0	%100
16	M10	Z	2.123	2.123	0	%100
17	M11	X	-.102	-.102	0	%100
18	M11	Z	.176	.176	0	%100
19	M12	X	-1.517	-1.517	0	%100
20	M12	Z	2.628	2.628	0	%100
21	M13	X	-.102	-.102	0	%100
22	M13	Z	.176	.176	0	%100
23	M14	X	-1.517	-1.517	0	%100
24	M14	Z	2.628	2.628	0	%100
25	M15	X	-.834	-.834	0	%100
26	M15	Z	1.444	1.444	0	%100
27	M16	X	-1.291	-1.291	0	%100
28	M16	Z	2.237	2.237	0	%100
29	M17	X	-.834	-.834	0	%100
30	M17	Z	1.444	1.444	0	%100
31	M18	X	-1.291	-1.291	0	%100
32	M18	Z	2.237	2.237	0	%100
33	M19	X	-.851	-.851	0	%100
34	M19	Z	1.475	1.475	0	%100
35	M20	X	-.892	-.892	0	%100
36	M20	Z	1.546	1.546	0	%100
37	M21	X	-.892	-.892	0	%100
38	M21	Z	1.546	1.546	0	%100
39	M22	X	-1.244	-1.244	0	%100
40	M22	Z	2.154	2.154	0	%100
41	M23	X	-1.244	-1.244	0	%100
42	M23	Z	2.154	2.154	0	%100
43	M24	X	-1.266	-1.266	0	%100
44	M24	Z	2.192	2.192	0	%100
45	M25	X	-.851	-.851	0	%100
46	M25	Z	1.475	1.475	0	%100
47	M26	X	-.834	-.834	0	%100
48	M26	Z	1.444	1.444	0	%100
49	M27	X	-.956	-.956	0	%100
50	M27	Z	1.656	1.656	0	%100
51	M28	X	-.834	-.834	0	%100
52	M28	Z	1.444	1.444	0	%100
53	M29	X	-.956	-.956	0	%100
54	M29	Z	1.656	1.656	0	%100
55	M30	X	-.851	-.851	0	%100
56	M30	Z	1.475	1.475	0	%100
57	M31	X	-.892	-.892	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M31	Z	1.546	1.546	0	%100
59	M32	X	-.892	-.892	0	%100
60	M32	Z	1.546	1.546	0	%100
61	M33	X	-1.244	-1.244	0	%100
62	M33	Z	2.154	2.154	0	%100
63	M34	X	-1.244	-1.244	0	%100
64	M34	Z	2.154	2.154	0	%100
65	M35	X	-1.266	-1.266	0	%100
66	M35	Z	2.192	2.192	0	%100
67	M36	X	-.851	-.851	0	%100
68	M36	Z	1.475	1.475	0	%100
69	MP4A	X	-1.553	-1.553	0	%100
70	MP4A	Z	2.69	2.69	0	%100
71	MP2A	X	-1.553	-1.553	0	%100
72	MP2A	Z	2.69	2.69	0	%100
73	MP1A	X	-1.553	-1.553	0	%100
74	MP1A	Z	2.69	2.69	0	%100
75	M46	X	-.208	-.208	0	%100
76	M46	Z	.36	.36	0	%100
77	MP3A	X	-1.553	-1.553	0	%100
78	MP3A	Z	2.69	2.69	0	%100
79	M52	X	-1.553	-1.553	0	%100
80	M52	Z	2.69	2.69	0	%100
81	M55	X	-1.553	-1.553	0	%100
82	M55	Z	2.69	2.69	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.663	-.663	0	%100
2	M1	Z	.383	.383	0	%100
3	M3	X	-.663	-.663	0	%100
4	M3	Z	.383	.383	0	%100
5	M5	X	-.074	-.074	0	%100
6	M5	Z	.043	.043	0	%100
7	M6	X	-.969	-.969	0	%100
8	M6	Z	.56	.56	0	%100
9	M7	X	-.708	-.708	0	%100
10	M7	Z	.409	.409	0	%100
11	M8	X	-.074	-.074	0	%100
12	M8	Z	.043	.043	0	%100
13	M9	X	-.969	-.969	0	%100
14	M9	Z	.56	.56	0	%100
15	M10	X	-.708	-.708	0	%100
16	M10	Z	.409	.409	0	%100
17	M11	X	-.203	-.203	0	%100
18	M11	Z	.117	.117	0	%100
19	M12	X	-2.655	-2.655	0	%100
20	M12	Z	1.533	1.533	0	%100
21	M13	X	-.203	-.203	0	%100
22	M13	Z	.117	.117	0	%100
23	M14	X	-2.655	-2.655	0	%100
24	M14	Z	1.533	1.533	0	%100
25	M15	X	-2.241	-2.241	0	%100
26	M15	Z	1.294	1.294	0	%100
27	M16	X	-2.243	-2.243	0	%100
28	M16	Z	1.295	1.295	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M17	X	-2.241	-2.241	0	%100
30	M17	Z	1.294	1.294	0	%100
31	M18	X	-2.243	-2.243	0	%100
32	M18	Z	1.295	1.295	0	%100
33	M19	X	-2.251	-2.251	0	%100
34	M19	Z	1.3	1.3	0	%100
35	M20	X	-2.467	-2.467	0	%100
36	M20	Z	1.425	1.425	0	%100
37	M21	X	-2.467	-2.467	0	%100
38	M21	Z	1.425	1.425	0	%100
39	M22	X	-2.201	-2.201	0	%100
40	M22	Z	1.271	1.271	0	%100
41	M23	X	-2.201	-2.201	0	%100
42	M23	Z	1.271	1.271	0	%100
43	M24	X	-2.243	-2.243	0	%100
44	M24	Z	1.295	1.295	0	%100
45	M25	X	-2.251	-2.251	0	%100
46	M25	Z	1.3	1.3	0	%100
47	M26	X	-2.241	-2.241	0	%100
48	M26	Z	1.294	1.294	0	%100
49	M27	X	-1.662	-1.662	0	%100
50	M27	Z	.96	.96	0	%100
51	M28	X	-2.241	-2.241	0	%100
52	M28	Z	1.294	1.294	0	%100
53	M29	X	-1.662	-1.662	0	%100
54	M29	Z	.96	.96	0	%100
55	M30	X	-2.251	-2.251	0	%100
56	M30	Z	1.3	1.3	0	%100
57	M31	X	-2.467	-2.467	0	%100
58	M31	Z	1.425	1.425	0	%100
59	M32	X	-2.467	-2.467	0	%100
60	M32	Z	1.425	1.425	0	%100
61	M33	X	-2.201	-2.201	0	%100
62	M33	Z	1.271	1.271	0	%100
63	M34	X	-2.201	-2.201	0	%100
64	M34	Z	1.271	1.271	0	%100
65	M35	X	-2.243	-2.243	0	%100
66	M35	Z	1.295	1.295	0	%100
67	M36	X	-2.251	-2.251	0	%100
68	M36	Z	1.3	1.3	0	%100
69	MP4A	X	-2.784	-2.784	0	%100
70	MP4A	Z	1.607	1.607	0	%100
71	MP2A	X	-2.784	-2.784	0	%100
72	MP2A	Z	1.607	1.607	0	%100
73	MP1A	X	-2.784	-2.784	0	%100
74	MP1A	Z	1.607	1.607	0	%100
75	M46	X	-1.654	-1.654	0	%100
76	M46	Z	.955	.955	0	%100
77	MP3A	X	-2.784	-2.784	0	%100
78	MP3A	Z	1.607	1.607	0	%100
79	M52	X	-2.784	-2.784	0	%100
80	M52	Z	1.607	1.607	0	%100
81	M55	X	-2.784	-2.784	0	%100
82	M55	Z	1.607	1.607	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M5	X	-.608	-.608	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-.608	-.608	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	-.608	-.608	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	-.608	-.608	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	-1.666	-1.666	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-1.666	-1.666	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	-1.666	-1.666	0	%100
22	M13	Z	0	0	0	%100
23	M14	X	-1.666	-1.666	0	%100
24	M14	Z	0	0	0	%100
25	M15	X	-3.047	-3.047	0	%100
26	M15	Z	0	0	0	%100
27	M16	X	-2.258	-2.258	0	%100
28	M16	Z	0	0	0	%100
29	M17	X	-3.047	-3.047	0	%100
30	M17	Z	0	0	0	%100
31	M18	X	-2.258	-2.258	0	%100
32	M18	Z	0	0	0	%100
33	M19	X	-3.047	-3.047	0	%100
34	M19	Z	0	0	0	%100
35	M20	X	-3.381	-3.381	0	%100
36	M20	Z	0	0	0	%100
37	M21	X	-3.381	-3.381	0	%100
38	M21	Z	0	0	0	%100
39	M22	X	-2.57	-2.57	0	%100
40	M22	Z	0	0	0	%100
41	M23	X	-2.57	-2.57	0	%100
42	M23	Z	0	0	0	%100
43	M24	X	-2.619	-2.619	0	%100
44	M24	Z	0	0	0	%100
45	M25	X	-3.047	-3.047	0	%100
46	M25	Z	0	0	0	%100
47	M26	X	-3.047	-3.047	0	%100
48	M26	Z	0	0	0	%100
49	M27	X	-2.258	-2.258	0	%100
50	M27	Z	0	0	0	%100
51	M28	X	-3.047	-3.047	0	%100
52	M28	Z	0	0	0	%100
53	M29	X	-2.258	-2.258	0	%100
54	M29	Z	0	0	0	%100
55	M30	X	-3.047	-3.047	0	%100
56	M30	Z	0	0	0	%100
57	M31	X	-3.381	-3.381	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M31	Z	0	0	0	%100
59	M32	X	-3.381	-3.381	0	%100
60	M32	Z	0	0	0	%100
61	M33	X	-2.57	-2.57	0	%100
62	M33	Z	0	0	0	%100
63	M34	X	-2.57	-2.57	0	%100
64	M34	Z	0	0	0	%100
65	M35	X	-2.619	-2.619	0	%100
66	M35	Z	0	0	0	%100
67	M36	X	-3.047	-3.047	0	%100
68	M36	Z	0	0	0	%100
69	MP4A	X	-3.269	-3.269	0	%100
70	MP4A	Z	0	0	0	%100
71	MP2A	X	-3.269	-3.269	0	%100
72	MP2A	Z	0	0	0	%100
73	MP1A	X	-3.269	-3.269	0	%100
74	MP1A	Z	0	0	0	%100
75	M46	X	-3.16	-3.16	0	%100
76	M46	Z	0	0	0	%100
77	MP3A	X	-3.269	-3.269	0	%100
78	MP3A	Z	0	0	0	%100
79	M52	X	-3.269	-3.269	0	%100
80	M52	Z	0	0	0	%100
81	M55	X	-3.269	-3.269	0	%100
82	M55	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.663	-.663	0	%100
2	M1	Z	-.383	-.383	0	%100
3	M3	X	-.663	-.663	0	%100
4	M3	Z	-.383	-.383	0	%100
5	M5	X	-.969	-.969	0	%100
6	M5	Z	-.56	-.56	0	%100
7	M6	X	-.074	-.074	0	%100
8	M6	Z	-.043	-.043	0	%100
9	M7	X	-.708	-.708	0	%100
10	M7	Z	-.409	-.409	0	%100
11	M8	X	-.969	-.969	0	%100
12	M8	Z	-.56	-.56	0	%100
13	M9	X	-.074	-.074	0	%100
14	M9	Z	-.043	-.043	0	%100
15	M10	X	-.708	-.708	0	%100
16	M10	Z	-.409	-.409	0	%100
17	M11	X	-2.655	-2.655	0	%100
18	M11	Z	-1.533	-1.533	0	%100
19	M12	X	-.203	-.203	0	%100
20	M12	Z	-.117	-.117	0	%100
21	M13	X	-2.655	-2.655	0	%100
22	M13	Z	-1.533	-1.533	0	%100
23	M14	X	-.203	-.203	0	%100
24	M14	Z	-.117	-.117	0	%100
25	M15	X	-2.241	-2.241	0	%100
26	M15	Z	-1.294	-1.294	0	%100
27	M16	X	-1.662	-1.662	0	%100
28	M16	Z	-.96	-.96	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M17	X	-2.241	-2.241	0	%100
30	M17	Z	-1.294	-1.294	0	%100
31	M18	X	-1.662	-1.662	0	%100
32	M18	Z	-.96	-.96	0	%100
33	M19	X	-2.251	-2.251	0	%100
34	M19	Z	-1.3	-1.3	0	%100
35	M20	X	-2.467	-2.467	0	%100
36	M20	Z	-1.425	-1.425	0	%100
37	M21	X	-2.467	-2.467	0	%100
38	M21	Z	-1.425	-1.425	0	%100
39	M22	X	-2.201	-2.201	0	%100
40	M22	Z	-1.271	-1.271	0	%100
41	M23	X	-2.201	-2.201	0	%100
42	M23	Z	-1.271	-1.271	0	%100
43	M24	X	-2.243	-2.243	0	%100
44	M24	Z	-1.295	-1.295	0	%100
45	M25	X	-2.251	-2.251	0	%100
46	M25	Z	-1.3	-1.3	0	%100
47	M26	X	-2.241	-2.241	0	%100
48	M26	Z	-1.294	-1.294	0	%100
49	M27	X	-2.243	-2.243	0	%100
50	M27	Z	-1.295	-1.295	0	%100
51	M28	X	-2.241	-2.241	0	%100
52	M28	Z	-1.294	-1.294	0	%100
53	M29	X	-2.243	-2.243	0	%100
54	M29	Z	-1.295	-1.295	0	%100
55	M30	X	-2.251	-2.251	0	%100
56	M30	Z	-1.3	-1.3	0	%100
57	M31	X	-2.467	-2.467	0	%100
58	M31	Z	-1.425	-1.425	0	%100
59	M32	X	-2.467	-2.467	0	%100
60	M32	Z	-1.425	-1.425	0	%100
61	M33	X	-2.201	-2.201	0	%100
62	M33	Z	-1.271	-1.271	0	%100
63	M34	X	-2.201	-2.201	0	%100
64	M34	Z	-1.271	-1.271	0	%100
65	M35	X	-2.243	-2.243	0	%100
66	M35	Z	-1.295	-1.295	0	%100
67	M36	X	-2.251	-2.251	0	%100
68	M36	Z	-1.3	-1.3	0	%100
69	MP4A	X	-2.784	-2.784	0	%100
70	MP4A	Z	-1.607	-1.607	0	%100
71	MP2A	X	-2.784	-2.784	0	%100
72	MP2A	Z	-1.607	-1.607	0	%100
73	MP1A	X	-2.784	-2.784	0	%100
74	MP1A	Z	-1.607	-1.607	0	%100
75	M46	X	-2.526	-2.526	0	%100
76	M46	Z	-1.458	-1.458	0	%100
77	MP3A	X	-2.784	-2.784	0	%100
78	MP3A	Z	-1.607	-1.607	0	%100
79	M52	X	-2.784	-2.784	0	%100
80	M52	Z	-1.607	-1.607	0	%100
81	M55	X	-2.784	-2.784	0	%100
82	M55	Z	-1.607	-1.607	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.148	-1.148	0	%100
2	M1	Z	-1.989	-1.989	0	%100
3	M3	X	-1.148	-1.148	0	%100
4	M3	Z	-1.989	-1.989	0	%100
5	M5	X	-.554	-.554	0	%100
6	M5	Z	-.959	-.959	0	%100
7	M6	X	-.037	-.037	0	%100
8	M6	Z	-.064	-.064	0	%100
9	M7	X	-1.226	-1.226	0	%100
10	M7	Z	-2.123	-2.123	0	%100
11	M8	X	-.554	-.554	0	%100
12	M8	Z	-.959	-.959	0	%100
13	M9	X	-.037	-.037	0	%100
14	M9	Z	-.064	-.064	0	%100
15	M10	X	-1.226	-1.226	0	%100
16	M10	Z	-2.123	-2.123	0	%100
17	M11	X	-1.517	-1.517	0	%100
18	M11	Z	-2.628	-2.628	0	%100
19	M12	X	-.102	-.102	0	%100
20	M12	Z	-.176	-.176	0	%100
21	M13	X	-1.517	-1.517	0	%100
22	M13	Z	-2.628	-2.628	0	%100
23	M14	X	-.102	-.102	0	%100
24	M14	Z	-.176	-.176	0	%100
25	M15	X	-.834	-.834	0	%100
26	M15	Z	-1.444	-1.444	0	%100
27	M16	X	-.956	-.956	0	%100
28	M16	Z	-1.656	-1.656	0	%100
29	M17	X	-.834	-.834	0	%100
30	M17	Z	-1.444	-1.444	0	%100
31	M18	X	-.956	-.956	0	%100
32	M18	Z	-1.656	-1.656	0	%100
33	M19	X	-.851	-.851	0	%100
34	M19	Z	-1.475	-1.475	0	%100
35	M20	X	-.892	-.892	0	%100
36	M20	Z	-1.546	-1.546	0	%100
37	M21	X	-.892	-.892	0	%100
38	M21	Z	-1.546	-1.546	0	%100
39	M22	X	-1.244	-1.244	0	%100
40	M22	Z	-2.154	-2.154	0	%100
41	M23	X	-1.244	-1.244	0	%100
42	M23	Z	-2.154	-2.154	0	%100
43	M24	X	-1.266	-1.266	0	%100
44	M24	Z	-2.192	-2.192	0	%100
45	M25	X	-.851	-.851	0	%100
46	M25	Z	-1.475	-1.475	0	%100
47	M26	X	-.834	-.834	0	%100
48	M26	Z	-1.444	-1.444	0	%100
49	M27	X	-1.291	-1.291	0	%100
50	M27	Z	-2.237	-2.237	0	%100
51	M28	X	-.834	-.834	0	%100
52	M28	Z	-1.444	-1.444	0	%100
53	M29	X	-1.291	-1.291	0	%100
54	M29	Z	-2.237	-2.237	0	%100
55	M30	X	-.851	-.851	0	%100
56	M30	Z	-1.475	-1.475	0	%100
57	M31	X	-.892	-.892	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M31	Z	-1.546	-1.546	0	%100
59	M32	X	-.892	-.892	0	%100
60	M32	Z	-1.546	-1.546	0	%100
61	M33	X	-1.244	-1.244	0	%100
62	M33	Z	-2.154	-2.154	0	%100
63	M34	X	-1.244	-1.244	0	%100
64	M34	Z	-2.154	-2.154	0	%100
65	M35	X	-1.266	-1.266	0	%100
66	M35	Z	-2.192	-2.192	0	%100
67	M36	X	-.851	-.851	0	%100
68	M36	Z	-1.475	-1.475	0	%100
69	MP4A	X	-1.553	-1.553	0	%100
70	MP4A	Z	-2.69	-2.69	0	%100
71	MP2A	X	-1.553	-1.553	0	%100
72	MP2A	Z	-2.69	-2.69	0	%100
73	MP1A	X	-1.553	-1.553	0	%100
74	MP1A	Z	-2.69	-2.69	0	%100
75	M46	X	-.711	-.711	0	%100
76	M46	Z	-1.232	-1.232	0	%100
77	MP3A	X	-1.553	-1.553	0	%100
78	MP3A	Z	-2.69	-2.69	0	%100
79	M52	X	-1.553	-1.553	0	%100
80	M52	Z	-2.69	-2.69	0	%100
81	M55	X	-1.553	-1.553	0	%100
82	M55	Z	-2.69	-2.69	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.763	-.763	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	-.763	-.763	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	-.047	-.047	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-.047	-.047	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-.604	-.604	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	-.047	-.047	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	-.047	-.047	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-.604	-.604	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	-.296	-.296	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-.296	-.296	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-.296	-.296	0	%100
23	M14	X	0	0	0	%100
24	M14	Z	-.296	-.296	0	%100
25	M15	X	0	0	0	%100
26	M15	Z	-.101	-.101	0	%100
27	M16	X	0	0	0	%100
28	M16	Z	-.362	-.362	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M17	X	0	0	0	%100
30	M17	Z	-.101	-.101	0	%100
31	M18	X	0	0	0	%100
32	M18	Z	-.362	-.362	0	%100
33	M19	X	0	0	0	%100
34	M19	Z	-.117	-.117	0	%100
35	M20	X	0	0	0	%100
36	M20	Z	-.095	-.095	0	%100
37	M21	X	0	0	0	%100
38	M21	Z	-.095	-.095	0	%100
39	M22	X	0	0	0	%100
40	M22	Z	-.399	-.399	0	%100
41	M23	X	0	0	0	%100
42	M23	Z	-.399	-.399	0	%100
43	M24	X	0	0	0	%100
44	M24	Z	-.438	-.438	0	%100
45	M25	X	0	0	0	%100
46	M25	Z	-.117	-.117	0	%100
47	M26	X	0	0	0	%100
48	M26	Z	-.101	-.101	0	%100
49	M27	X	0	0	0	%100
50	M27	Z	-.362	-.362	0	%100
51	M28	X	0	0	0	%100
52	M28	Z	-.101	-.101	0	%100
53	M29	X	0	0	0	%100
54	M29	Z	-.362	-.362	0	%100
55	M30	X	0	0	0	%100
56	M30	Z	-.117	-.117	0	%100
57	M31	X	0	0	0	%100
58	M31	Z	-.095	-.095	0	%100
59	M32	X	0	0	0	%100
60	M32	Z	-.095	-.095	0	%100
61	M33	X	0	0	0	%100
62	M33	Z	-.399	-.399	0	%100
63	M34	X	0	0	0	%100
64	M34	Z	-.399	-.399	0	%100
65	M35	X	0	0	0	%100
66	M35	Z	-.438	-.438	0	%100
67	M36	X	0	0	0	%100
68	M36	Z	-.117	-.117	0	%100
69	MP4A	X	0	0	0	%100
70	MP4A	Z	-.526	-.526	0	%100
71	MP2A	X	0	0	0	%100
72	MP2A	Z	-.526	-.526	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	-.526	-.526	0	%100
75	M46	X	0	0	0	%100
76	M46	Z	-.031	-.031	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-.526	-.526	0	%100
79	M52	X	0	0	0	%100
80	M52	Z	-.526	-.526	0	%100
81	M55	X	0	0	0	%100
82	M55	Z	-.526	-.526	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.286	.286	0	%100
2	M1	Z	-.495	-.495	0	%100
3	M3	X	.286	.286	0	%100
4	M3	Z	-.495	-.495	0	%100
5	M5	X	.003	.003	0	%100
6	M5	Z	-.005	-.005	0	%100
7	M6	X	.044	.044	0	%100
8	M6	Z	-.077	-.077	0	%100
9	M7	X	.226	.226	0	%100
10	M7	Z	-.392	-.392	0	%100
11	M8	X	.003	.003	0	%100
12	M8	Z	-.005	-.005	0	%100
13	M9	X	.044	.044	0	%100
14	M9	Z	-.077	-.077	0	%100
15	M10	X	.226	.226	0	%100
16	M10	Z	-.392	-.392	0	%100
17	M11	X	.019	.019	0	%100
18	M11	Z	-.033	-.033	0	%100
19	M12	X	.28	.28	0	%100
20	M12	Z	-.485	-.485	0	%100
21	M13	X	.019	.019	0	%100
22	M13	Z	-.033	-.033	0	%100
23	M14	X	.28	.28	0	%100
24	M14	Z	-.485	-.485	0	%100
25	M15	X	.133	.133	0	%100
26	M15	Z	-.231	-.231	0	%100
27	M16	X	.201	.201	0	%100
28	M16	Z	-.349	-.349	0	%100
29	M17	X	.133	.133	0	%100
30	M17	Z	-.231	-.231	0	%100
31	M18	X	.201	.201	0	%100
32	M18	Z	-.349	-.349	0	%100
33	M19	X	.139	.139	0	%100
34	M19	Z	-.241	-.241	0	%100
35	M20	X	.143	.143	0	%100
36	M20	Z	-.248	-.248	0	%100
37	M21	X	.143	.143	0	%100
38	M21	Z	-.248	-.248	0	%100
39	M22	X	.204	.204	0	%100
40	M22	Z	-.354	-.354	0	%100
41	M23	X	.204	.204	0	%100
42	M23	Z	-.354	-.354	0	%100
43	M24	X	.224	.224	0	%100
44	M24	Z	-.388	-.388	0	%100
45	M25	X	.139	.139	0	%100
46	M25	Z	-.241	-.241	0	%100
47	M26	X	.133	.133	0	%100
48	M26	Z	-.231	-.231	0	%100
49	M27	X	.161	.161	0	%100
50	M27	Z	-.279	-.279	0	%100
51	M28	X	.133	.133	0	%100
52	M28	Z	-.231	-.231	0	%100
53	M29	X	.161	.161	0	%100
54	M29	Z	-.279	-.279	0	%100
55	M30	X	.139	.139	0	%100
56	M30	Z	-.241	-.241	0	%100
57	M31	X	.143	.143	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M31	Z	-.248	-.248	0	%100
59	M32	X	.143	.143	0	%100
60	M32	Z	-.248	-.248	0	%100
61	M33	X	.204	.204	0	%100
62	M33	Z	-.354	-.354	0	%100
63	M34	X	.204	.204	0	%100
64	M34	Z	-.354	-.354	0	%100
65	M35	X	.224	.224	0	%100
66	M35	Z	-.388	-.388	0	%100
67	M36	X	.139	.139	0	%100
68	M36	Z	-.241	-.241	0	%100
69	MP4A	X	.273	.273	0	%100
70	MP4A	Z	-.472	-.472	0	%100
71	MP2A	X	.273	.273	0	%100
72	MP2A	Z	-.472	-.472	0	%100
73	MP1A	X	.273	.273	0	%100
74	MP1A	Z	-.472	-.472	0	%100
75	M46	X	.038	.038	0	%100
76	M46	Z	-.066	-.066	0	%100
77	MP3A	X	.273	.273	0	%100
78	MP3A	Z	-.472	-.472	0	%100
79	M52	X	.273	.273	0	%100
80	M52	Z	-.472	-.472	0	%100
81	M55	X	.273	.273	0	%100
82	M55	Z	-.472	-.472	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.165	.165	0	%100
2	M1	Z	-.095	-.095	0	%100
3	M3	X	.165	.165	0	%100
4	M3	Z	-.095	-.095	0	%100
5	M5	X	.006	.006	0	%100
6	M5	Z	-.003	-.003	0	%100
7	M6	X	.077	.077	0	%100
8	M6	Z	-.045	-.045	0	%100
9	M7	X	.131	.131	0	%100
10	M7	Z	-.075	-.075	0	%100
11	M8	X	.006	.006	0	%100
12	M8	Z	-.003	-.003	0	%100
13	M9	X	.077	.077	0	%100
14	M9	Z	-.045	-.045	0	%100
15	M10	X	.131	.131	0	%100
16	M10	Z	-.075	-.075	0	%100
17	M11	X	.038	.038	0	%100
18	M11	Z	-.022	-.022	0	%100
19	M12	X	.49	.49	0	%100
20	M12	Z	-.283	-.283	0	%100
21	M13	X	.038	.038	0	%100
22	M13	Z	-.022	-.022	0	%100
23	M14	X	.49	.49	0	%100
24	M14	Z	-.283	-.283	0	%100
25	M15	X	.517	.517	0	%100
26	M15	Z	-.299	-.299	0	%100
27	M16	X	.35	.35	0	%100
28	M16	Z	-.202	-.202	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M17	X	.517	.517	0	%100
30	M17	Z	-.299	-.299	0	%100
31	M18	X	.35	.35	0	%100
32	M18	Z	-.202	-.202	0	%100
33	M19	X	.521	.521	0	%100
34	M19	Z	-.301	-.301	0	%100
35	M20	X	.58	.58	0	%100
36	M20	Z	-.335	-.335	0	%100
37	M21	X	.58	.58	0	%100
38	M21	Z	-.335	-.335	0	%100
39	M22	X	.371	.371	0	%100
40	M22	Z	-.214	-.214	0	%100
41	M23	X	.371	.371	0	%100
42	M23	Z	-.214	-.214	0	%100
43	M24	X	.406	.406	0	%100
44	M24	Z	-.235	-.235	0	%100
45	M25	X	.521	.521	0	%100
46	M25	Z	-.301	-.301	0	%100
47	M26	X	.517	.517	0	%100
48	M26	Z	-.299	-.299	0	%100
49	M27	X	.28	.28	0	%100
50	M27	Z	-.162	-.162	0	%100
51	M28	X	.517	.517	0	%100
52	M28	Z	-.299	-.299	0	%100
53	M29	X	.28	.28	0	%100
54	M29	Z	-.162	-.162	0	%100
55	M30	X	.521	.521	0	%100
56	M30	Z	-.301	-.301	0	%100
57	M31	X	.58	.58	0	%100
58	M31	Z	-.335	-.335	0	%100
59	M32	X	.58	.58	0	%100
60	M32	Z	-.335	-.335	0	%100
61	M33	X	.371	.371	0	%100
62	M33	Z	-.214	-.214	0	%100
63	M34	X	.371	.371	0	%100
64	M34	Z	-.214	-.214	0	%100
65	M35	X	.406	.406	0	%100
66	M35	Z	-.235	-.235	0	%100
67	M36	X	.521	.521	0	%100
68	M36	Z	-.301	-.301	0	%100
69	MP4A	X	.506	.506	0	%100
70	MP4A	Z	-.292	-.292	0	%100
71	MP2A	X	.506	.506	0	%100
72	MP2A	Z	-.292	-.292	0	%100
73	MP1A	X	.506	.506	0	%100
74	MP1A	Z	-.292	-.292	0	%100
75	M46	X	.305	.305	0	%100
76	M46	Z	-.176	-.176	0	%100
77	MP3A	X	.506	.506	0	%100
78	MP3A	Z	-.292	-.292	0	%100
79	M52	X	.506	.506	0	%100
80	M52	Z	-.292	-.292	0	%100
81	M55	X	.506	.506	0	%100
82	M55	Z	-.292	-.292	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M5	X	.049	.049	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	.049	.049	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	.049	.049	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	.049	.049	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	.308	.308	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	.308	.308	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	.308	.308	0	%100
22	M13	Z	0	0	0	%100
23	M14	X	.308	.308	0	%100
24	M14	Z	0	0	0	%100
25	M15	X	.763	.763	0	%100
26	M15	Z	0	0	0	%100
27	M16	X	.364	.364	0	%100
28	M16	Z	0	0	0	%100
29	M17	X	.763	.763	0	%100
30	M17	Z	0	0	0	%100
31	M18	X	.364	.364	0	%100
32	M18	Z	0	0	0	%100
33	M19	X	.763	.763	0	%100
34	M19	Z	0	0	0	%100
35	M20	X	.862	.862	0	%100
36	M20	Z	0	0	0	%100
37	M21	X	.862	.862	0	%100
38	M21	Z	0	0	0	%100
39	M22	X	.438	.438	0	%100
40	M22	Z	0	0	0	%100
41	M23	X	.438	.438	0	%100
42	M23	Z	0	0	0	%100
43	M24	X	.48	.48	0	%100
44	M24	Z	0	0	0	%100
45	M25	X	.763	.763	0	%100
46	M25	Z	0	0	0	%100
47	M26	X	.763	.763	0	%100
48	M26	Z	0	0	0	%100
49	M27	X	.364	.364	0	%100
50	M27	Z	0	0	0	%100
51	M28	X	.763	.763	0	%100
52	M28	Z	0	0	0	%100
53	M29	X	.364	.364	0	%100
54	M29	Z	0	0	0	%100
55	M30	X	.763	.763	0	%100
56	M30	Z	0	0	0	%100
57	M31	X	.862	.862	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M31	Z	0	0	0	%100
59	M32	X	.862	.862	0	%100
60	M32	Z	0	0	0	%100
61	M33	X	.438	.438	0	%100
62	M33	Z	0	0	0	%100
63	M34	X	.438	.438	0	%100
64	M34	Z	0	0	0	%100
65	M35	X	.48	.48	0	%100
66	M35	Z	0	0	0	%100
67	M36	X	.763	.763	0	%100
68	M36	Z	0	0	0	%100
69	MP4A	X	.604	.604	0	%100
70	MP4A	Z	0	0	0	%100
71	MP2A	X	.604	.604	0	%100
72	MP2A	Z	0	0	0	%100
73	MP1A	X	.604	.604	0	%100
74	MP1A	Z	0	0	0	%100
75	M46	X	.584	.584	0	%100
76	M46	Z	0	0	0	%100
77	MP3A	X	.604	.604	0	%100
78	MP3A	Z	0	0	0	%100
79	M52	X	.604	.604	0	%100
80	M52	Z	0	0	0	%100
81	M55	X	.604	.604	0	%100
82	M55	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.165	.165	0	%100
2	M1	Z	.095	.095	0	%100
3	M3	X	.165	.165	0	%100
4	M3	Z	.095	.095	0	%100
5	M5	X	.077	.077	0	%100
6	M5	Z	.045	.045	0	%100
7	M6	X	.006	.006	0	%100
8	M6	Z	.003	.003	0	%100
9	M7	X	.131	.131	0	%100
10	M7	Z	.075	.075	0	%100
11	M8	X	.077	.077	0	%100
12	M8	Z	.045	.045	0	%100
13	M9	X	.006	.006	0	%100
14	M9	Z	.003	.003	0	%100
15	M10	X	.131	.131	0	%100
16	M10	Z	.075	.075	0	%100
17	M11	X	.49	.49	0	%100
18	M11	Z	.283	.283	0	%100
19	M12	X	.038	.038	0	%100
20	M12	Z	.022	.022	0	%100
21	M13	X	.49	.49	0	%100
22	M13	Z	.283	.283	0	%100
23	M14	X	.038	.038	0	%100
24	M14	Z	.022	.022	0	%100
25	M15	X	.517	.517	0	%100
26	M15	Z	.299	.299	0	%100
27	M16	X	.28	.28	0	%100
28	M16	Z	.162	.162	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M17	X	.517	.517	0	%100
30	M17	Z	.299	.299	0	%100
31	M18	X	.28	.28	0	%100
32	M18	Z	.162	.162	0	%100
33	M19	X	.521	.521	0	%100
34	M19	Z	.301	.301	0	%100
35	M20	X	.58	.58	0	%100
36	M20	Z	.335	.335	0	%100
37	M21	X	.58	.58	0	%100
38	M21	Z	.335	.335	0	%100
39	M22	X	.371	.371	0	%100
40	M22	Z	.214	.214	0	%100
41	M23	X	.371	.371	0	%100
42	M23	Z	.214	.214	0	%100
43	M24	X	.406	.406	0	%100
44	M24	Z	.235	.235	0	%100
45	M25	X	.521	.521	0	%100
46	M25	Z	.301	.301	0	%100
47	M26	X	.517	.517	0	%100
48	M26	Z	.299	.299	0	%100
49	M27	X	.35	.35	0	%100
50	M27	Z	.202	.202	0	%100
51	M28	X	.517	.517	0	%100
52	M28	Z	.299	.299	0	%100
53	M29	X	.35	.35	0	%100
54	M29	Z	.202	.202	0	%100
55	M30	X	.521	.521	0	%100
56	M30	Z	.301	.301	0	%100
57	M31	X	.58	.58	0	%100
58	M31	Z	.335	.335	0	%100
59	M32	X	.58	.58	0	%100
60	M32	Z	.335	.335	0	%100
61	M33	X	.371	.371	0	%100
62	M33	Z	.214	.214	0	%100
63	M34	X	.371	.371	0	%100
64	M34	Z	.214	.214	0	%100
65	M35	X	.406	.406	0	%100
66	M35	Z	.235	.235	0	%100
67	M36	X	.521	.521	0	%100
68	M36	Z	.301	.301	0	%100
69	MP4A	X	.506	.506	0	%100
70	MP4A	Z	.292	.292	0	%100
71	MP2A	X	.506	.506	0	%100
72	MP2A	Z	.292	.292	0	%100
73	MP1A	X	.506	.506	0	%100
74	MP1A	Z	.292	.292	0	%100
75	M46	X	.466	.466	0	%100
76	M46	Z	.269	.269	0	%100
77	MP3A	X	.506	.506	0	%100
78	MP3A	Z	.292	.292	0	%100
79	M52	X	.506	.506	0	%100
80	M52	Z	.292	.292	0	%100
81	M55	X	.506	.506	0	%100
82	M55	Z	.292	.292	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.286	.286	0	%100
2	M1	Z	.495	.495	0	%100
3	M3	X	.286	.286	0	%100
4	M3	Z	.495	.495	0	%100
5	M5	X	.044	.044	0	%100
6	M5	Z	.077	.077	0	%100
7	M6	X	.003	.003	0	%100
8	M6	Z	.005	.005	0	%100
9	M7	X	.226	.226	0	%100
10	M7	Z	.392	.392	0	%100
11	M8	X	.044	.044	0	%100
12	M8	Z	.077	.077	0	%100
13	M9	X	.003	.003	0	%100
14	M9	Z	.005	.005	0	%100
15	M10	X	.226	.226	0	%100
16	M10	Z	.392	.392	0	%100
17	M11	X	.28	.28	0	%100
18	M11	Z	.485	.485	0	%100
19	M12	X	.019	.019	0	%100
20	M12	Z	.033	.033	0	%100
21	M13	X	.28	.28	0	%100
22	M13	Z	.485	.485	0	%100
23	M14	X	.019	.019	0	%100
24	M14	Z	.033	.033	0	%100
25	M15	X	.133	.133	0	%100
26	M15	Z	.231	.231	0	%100
27	M16	X	.161	.161	0	%100
28	M16	Z	.279	.279	0	%100
29	M17	X	.133	.133	0	%100
30	M17	Z	.231	.231	0	%100
31	M18	X	.161	.161	0	%100
32	M18	Z	.279	.279	0	%100
33	M19	X	.139	.139	0	%100
34	M19	Z	.241	.241	0	%100
35	M20	X	.143	.143	0	%100
36	M20	Z	.248	.248	0	%100
37	M21	X	.143	.143	0	%100
38	M21	Z	.248	.248	0	%100
39	M22	X	.204	.204	0	%100
40	M22	Z	.354	.354	0	%100
41	M23	X	.204	.204	0	%100
42	M23	Z	.354	.354	0	%100
43	M24	X	.224	.224	0	%100
44	M24	Z	.388	.388	0	%100
45	M25	X	.139	.139	0	%100
46	M25	Z	.241	.241	0	%100
47	M26	X	.133	.133	0	%100
48	M26	Z	.231	.231	0	%100
49	M27	X	.201	.201	0	%100
50	M27	Z	.349	.349	0	%100
51	M28	X	.133	.133	0	%100
52	M28	Z	.231	.231	0	%100
53	M29	X	.201	.201	0	%100
54	M29	Z	.349	.349	0	%100
55	M30	X	.139	.139	0	%100
56	M30	Z	.241	.241	0	%100
57	M31	X	.143	.143	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M31	Z	.248	.248	0	%100
59	M32	X	.143	.143	0	%100
60	M32	Z	.248	.248	0	%100
61	M33	X	.204	.204	0	%100
62	M33	Z	.354	.354	0	%100
63	M34	X	.204	.204	0	%100
64	M34	Z	.354	.354	0	%100
65	M35	X	.224	.224	0	%100
66	M35	Z	.388	.388	0	%100
67	M36	X	.139	.139	0	%100
68	M36	Z	.241	.241	0	%100
69	MP4A	X	.273	.273	0	%100
70	MP4A	Z	.472	.472	0	%100
71	MP2A	X	.273	.273	0	%100
72	MP2A	Z	.472	.472	0	%100
73	MP1A	X	.273	.273	0	%100
74	MP1A	Z	.472	.472	0	%100
75	M46	X	.131	.131	0	%100
76	M46	Z	.227	.227	0	%100
77	MP3A	X	.273	.273	0	%100
78	MP3A	Z	.472	.472	0	%100
79	M52	X	.273	.273	0	%100
80	M52	Z	.472	.472	0	%100
81	M55	X	.273	.273	0	%100
82	M55	Z	.472	.472	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.763	.763	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	.763	.763	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	.047	.047	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.047	.047	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	.604	.604	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	.047	.047	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	.047	.047	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	.604	.604	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	.296	.296	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	.296	.296	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	.296	.296	0	%100
23	M14	X	0	0	0	%100
24	M14	Z	.296	.296	0	%100
25	M15	X	0	0	0	%100
26	M15	Z	.101	.101	0	%100
27	M16	X	0	0	0	%100
28	M16	Z	.362	.362	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M17	X	0	0	0	%100
30	M17	Z	.101	.101	0	%100
31	M18	X	0	0	0	%100
32	M18	Z	.362	.362	0	%100
33	M19	X	0	0	0	%100
34	M19	Z	.117	.117	0	%100
35	M20	X	0	0	0	%100
36	M20	Z	.095	.095	0	%100
37	M21	X	0	0	0	%100
38	M21	Z	.095	.095	0	%100
39	M22	X	0	0	0	%100
40	M22	Z	.399	.399	0	%100
41	M23	X	0	0	0	%100
42	M23	Z	.399	.399	0	%100
43	M24	X	0	0	0	%100
44	M24	Z	.438	.438	0	%100
45	M25	X	0	0	0	%100
46	M25	Z	.117	.117	0	%100
47	M26	X	0	0	0	%100
48	M26	Z	.101	.101	0	%100
49	M27	X	0	0	0	%100
50	M27	Z	.362	.362	0	%100
51	M28	X	0	0	0	%100
52	M28	Z	.101	.101	0	%100
53	M29	X	0	0	0	%100
54	M29	Z	.362	.362	0	%100
55	M30	X	0	0	0	%100
56	M30	Z	.117	.117	0	%100
57	M31	X	0	0	0	%100
58	M31	Z	.095	.095	0	%100
59	M32	X	0	0	0	%100
60	M32	Z	.095	.095	0	%100
61	M33	X	0	0	0	%100
62	M33	Z	.399	.399	0	%100
63	M34	X	0	0	0	%100
64	M34	Z	.399	.399	0	%100
65	M35	X	0	0	0	%100
66	M35	Z	.438	.438	0	%100
67	M36	X	0	0	0	%100
68	M36	Z	.117	.117	0	%100
69	MP4A	X	0	0	0	%100
70	MP4A	Z	.526	.526	0	%100
71	MP2A	X	0	0	0	%100
72	MP2A	Z	.526	.526	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	.526	.526	0	%100
75	M46	X	0	0	0	%100
76	M46	Z	.031	.031	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	.526	.526	0	%100
79	M52	X	0	0	0	%100
80	M52	Z	.526	.526	0	%100
81	M55	X	0	0	0	%100
82	M55	Z	.526	.526	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.286	-.286	0	%100
2	M1	Z	.495	.495	0	%100
3	M3	X	-.286	-.286	0	%100
4	M3	Z	.495	.495	0	%100
5	M5	X	-.003	-.003	0	%100
6	M5	Z	.005	.005	0	%100
7	M6	X	-.044	-.044	0	%100
8	M6	Z	.077	.077	0	%100
9	M7	X	-.226	-.226	0	%100
10	M7	Z	.392	.392	0	%100
11	M8	X	-.003	-.003	0	%100
12	M8	Z	.005	.005	0	%100
13	M9	X	-.044	-.044	0	%100
14	M9	Z	.077	.077	0	%100
15	M10	X	-.226	-.226	0	%100
16	M10	Z	.392	.392	0	%100
17	M11	X	-.019	-.019	0	%100
18	M11	Z	.033	.033	0	%100
19	M12	X	-.28	-.28	0	%100
20	M12	Z	.485	.485	0	%100
21	M13	X	-.019	-.019	0	%100
22	M13	Z	.033	.033	0	%100
23	M14	X	-.28	-.28	0	%100
24	M14	Z	.485	.485	0	%100
25	M15	X	-.133	-.133	0	%100
26	M15	Z	.231	.231	0	%100
27	M16	X	-.201	-.201	0	%100
28	M16	Z	.349	.349	0	%100
29	M17	X	-.133	-.133	0	%100
30	M17	Z	.231	.231	0	%100
31	M18	X	-.201	-.201	0	%100
32	M18	Z	.349	.349	0	%100
33	M19	X	-.139	-.139	0	%100
34	M19	Z	.241	.241	0	%100
35	M20	X	-.143	-.143	0	%100
36	M20	Z	.248	.248	0	%100
37	M21	X	-.143	-.143	0	%100
38	M21	Z	.248	.248	0	%100
39	M22	X	-.204	-.204	0	%100
40	M22	Z	.354	.354	0	%100
41	M23	X	-.204	-.204	0	%100
42	M23	Z	.354	.354	0	%100
43	M24	X	-.224	-.224	0	%100
44	M24	Z	.388	.388	0	%100
45	M25	X	-.139	-.139	0	%100
46	M25	Z	.241	.241	0	%100
47	M26	X	-.133	-.133	0	%100
48	M26	Z	.231	.231	0	%100
49	M27	X	-.161	-.161	0	%100
50	M27	Z	.279	.279	0	%100
51	M28	X	-.133	-.133	0	%100
52	M28	Z	.231	.231	0	%100
53	M29	X	-.161	-.161	0	%100
54	M29	Z	.279	.279	0	%100
55	M30	X	-.139	-.139	0	%100
56	M30	Z	.241	.241	0	%100
57	M31	X	-.143	-.143	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M31	Z	.248	.248	0	%100
59	M32	X	-.143	-.143	0	%100
60	M32	Z	.248	.248	0	%100
61	M33	X	-.204	-.204	0	%100
62	M33	Z	.354	.354	0	%100
63	M34	X	-.204	-.204	0	%100
64	M34	Z	.354	.354	0	%100
65	M35	X	-.224	-.224	0	%100
66	M35	Z	.388	.388	0	%100
67	M36	X	-.139	-.139	0	%100
68	M36	Z	.241	.241	0	%100
69	MP4A	X	-.273	-.273	0	%100
70	MP4A	Z	.472	.472	0	%100
71	MP2A	X	-.273	-.273	0	%100
72	MP2A	Z	.472	.472	0	%100
73	MP1A	X	-.273	-.273	0	%100
74	MP1A	Z	.472	.472	0	%100
75	M46	X	-.038	-.038	0	%100
76	M46	Z	.066	.066	0	%100
77	MP3A	X	-.273	-.273	0	%100
78	MP3A	Z	.472	.472	0	%100
79	M52	X	-.273	-.273	0	%100
80	M52	Z	.472	.472	0	%100
81	M55	X	-.273	-.273	0	%100
82	M55	Z	.472	.472	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.165	-.165	0	%100
2	M1	Z	.095	.095	0	%100
3	M3	X	-.165	-.165	0	%100
4	M3	Z	.095	.095	0	%100
5	M5	X	-.006	-.006	0	%100
6	M5	Z	.003	.003	0	%100
7	M6	X	-.077	-.077	0	%100
8	M6	Z	.045	.045	0	%100
9	M7	X	-.131	-.131	0	%100
10	M7	Z	.075	.075	0	%100
11	M8	X	-.006	-.006	0	%100
12	M8	Z	.003	.003	0	%100
13	M9	X	-.077	-.077	0	%100
14	M9	Z	.045	.045	0	%100
15	M10	X	-.131	-.131	0	%100
16	M10	Z	.075	.075	0	%100
17	M11	X	-.038	-.038	0	%100
18	M11	Z	.022	.022	0	%100
19	M12	X	-.49	-.49	0	%100
20	M12	Z	.283	.283	0	%100
21	M13	X	-.038	-.038	0	%100
22	M13	Z	.022	.022	0	%100
23	M14	X	-.49	-.49	0	%100
24	M14	Z	.283	.283	0	%100
25	M15	X	-.517	-.517	0	%100
26	M15	Z	.299	.299	0	%100
27	M16	X	-.35	-.35	0	%100
28	M16	Z	.202	.202	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M17	X	-.517	-.517	0	%100
30	M17	Z	.299	.299	0	%100
31	M18	X	-.35	-.35	0	%100
32	M18	Z	.202	.202	0	%100
33	M19	X	-.521	-.521	0	%100
34	M19	Z	.301	.301	0	%100
35	M20	X	-.58	-.58	0	%100
36	M20	Z	.335	.335	0	%100
37	M21	X	-.58	-.58	0	%100
38	M21	Z	.335	.335	0	%100
39	M22	X	-.371	-.371	0	%100
40	M22	Z	.214	.214	0	%100
41	M23	X	-.371	-.371	0	%100
42	M23	Z	.214	.214	0	%100
43	M24	X	-.406	-.406	0	%100
44	M24	Z	.235	.235	0	%100
45	M25	X	-.521	-.521	0	%100
46	M25	Z	.301	.301	0	%100
47	M26	X	-.517	-.517	0	%100
48	M26	Z	.299	.299	0	%100
49	M27	X	-.28	-.28	0	%100
50	M27	Z	.162	.162	0	%100
51	M28	X	-.517	-.517	0	%100
52	M28	Z	.299	.299	0	%100
53	M29	X	-.28	-.28	0	%100
54	M29	Z	.162	.162	0	%100
55	M30	X	-.521	-.521	0	%100
56	M30	Z	.301	.301	0	%100
57	M31	X	-.58	-.58	0	%100
58	M31	Z	.335	.335	0	%100
59	M32	X	-.58	-.58	0	%100
60	M32	Z	.335	.335	0	%100
61	M33	X	-.371	-.371	0	%100
62	M33	Z	.214	.214	0	%100
63	M34	X	-.371	-.371	0	%100
64	M34	Z	.214	.214	0	%100
65	M35	X	-.406	-.406	0	%100
66	M35	Z	.235	.235	0	%100
67	M36	X	-.521	-.521	0	%100
68	M36	Z	.301	.301	0	%100
69	MP4A	X	-.506	-.506	0	%100
70	MP4A	Z	.292	.292	0	%100
71	MP2A	X	-.506	-.506	0	%100
72	MP2A	Z	.292	.292	0	%100
73	MP1A	X	-.506	-.506	0	%100
74	MP1A	Z	.292	.292	0	%100
75	M46	X	-.305	-.305	0	%100
76	M46	Z	.176	.176	0	%100
77	MP3A	X	-.506	-.506	0	%100
78	MP3A	Z	.292	.292	0	%100
79	M52	X	-.506	-.506	0	%100
80	M52	Z	.292	.292	0	%100
81	M55	X	-.506	-.506	0	%100
82	M55	Z	.292	.292	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M5	X	-.049	-.049	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-.049	-.049	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	-.049	-.049	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	-.049	-.049	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	-.308	-.308	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-.308	-.308	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	-.308	-.308	0	%100
22	M13	Z	0	0	0	%100
23	M14	X	-.308	-.308	0	%100
24	M14	Z	0	0	0	%100
25	M15	X	-.763	-.763	0	%100
26	M15	Z	0	0	0	%100
27	M16	X	-.364	-.364	0	%100
28	M16	Z	0	0	0	%100
29	M17	X	-.763	-.763	0	%100
30	M17	Z	0	0	0	%100
31	M18	X	-.364	-.364	0	%100
32	M18	Z	0	0	0	%100
33	M19	X	-.763	-.763	0	%100
34	M19	Z	0	0	0	%100
35	M20	X	-.862	-.862	0	%100
36	M20	Z	0	0	0	%100
37	M21	X	-.862	-.862	0	%100
38	M21	Z	0	0	0	%100
39	M22	X	-.438	-.438	0	%100
40	M22	Z	0	0	0	%100
41	M23	X	-.438	-.438	0	%100
42	M23	Z	0	0	0	%100
43	M24	X	-.48	-.48	0	%100
44	M24	Z	0	0	0	%100
45	M25	X	-.763	-.763	0	%100
46	M25	Z	0	0	0	%100
47	M26	X	-.763	-.763	0	%100
48	M26	Z	0	0	0	%100
49	M27	X	-.364	-.364	0	%100
50	M27	Z	0	0	0	%100
51	M28	X	-.763	-.763	0	%100
52	M28	Z	0	0	0	%100
53	M29	X	-.364	-.364	0	%100
54	M29	Z	0	0	0	%100
55	M30	X	-.763	-.763	0	%100
56	M30	Z	0	0	0	%100
57	M31	X	-.862	-.862	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M31	Z	0	0	0	%100
59	M32	X	-.862	-.862	0	%100
60	M32	Z	0	0	0	%100
61	M33	X	-.438	-.438	0	%100
62	M33	Z	0	0	0	%100
63	M34	X	-.438	-.438	0	%100
64	M34	Z	0	0	0	%100
65	M35	X	-.48	-.48	0	%100
66	M35	Z	0	0	0	%100
67	M36	X	-.763	-.763	0	%100
68	M36	Z	0	0	0	%100
69	MP4A	X	-.604	-.604	0	%100
70	MP4A	Z	0	0	0	%100
71	MP2A	X	-.604	-.604	0	%100
72	MP2A	Z	0	0	0	%100
73	MP1A	X	-.604	-.604	0	%100
74	MP1A	Z	0	0	0	%100
75	M46	X	-.584	-.584	0	%100
76	M46	Z	0	0	0	%100
77	MP3A	X	-.604	-.604	0	%100
78	MP3A	Z	0	0	0	%100
79	M52	X	-.604	-.604	0	%100
80	M52	Z	0	0	0	%100
81	M55	X	-.604	-.604	0	%100
82	M55	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.165	-.165	0	%100
2	M1	Z	-.095	-.095	0	%100
3	M3	X	-.165	-.165	0	%100
4	M3	Z	-.095	-.095	0	%100
5	M5	X	-.077	-.077	0	%100
6	M5	Z	-.045	-.045	0	%100
7	M6	X	-.006	-.006	0	%100
8	M6	Z	-.003	-.003	0	%100
9	M7	X	-.131	-.131	0	%100
10	M7	Z	-.075	-.075	0	%100
11	M8	X	-.077	-.077	0	%100
12	M8	Z	-.045	-.045	0	%100
13	M9	X	-.006	-.006	0	%100
14	M9	Z	-.003	-.003	0	%100
15	M10	X	-.131	-.131	0	%100
16	M10	Z	-.075	-.075	0	%100
17	M11	X	-.49	-.49	0	%100
18	M11	Z	-.283	-.283	0	%100
19	M12	X	-.038	-.038	0	%100
20	M12	Z	-.022	-.022	0	%100
21	M13	X	-.49	-.49	0	%100
22	M13	Z	-.283	-.283	0	%100
23	M14	X	-.038	-.038	0	%100
24	M14	Z	-.022	-.022	0	%100
25	M15	X	-.517	-.517	0	%100
26	M15	Z	-.299	-.299	0	%100
27	M16	X	-.28	-.28	0	%100
28	M16	Z	-.162	-.162	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M17	X	-.517	-.517	0	%100
30	M17	Z	-.299	-.299	0	%100
31	M18	X	-.28	-.28	0	%100
32	M18	Z	-.162	-.162	0	%100
33	M19	X	-.521	-.521	0	%100
34	M19	Z	-.301	-.301	0	%100
35	M20	X	-.58	-.58	0	%100
36	M20	Z	-.335	-.335	0	%100
37	M21	X	-.58	-.58	0	%100
38	M21	Z	-.335	-.335	0	%100
39	M22	X	-.371	-.371	0	%100
40	M22	Z	-.214	-.214	0	%100
41	M23	X	-.371	-.371	0	%100
42	M23	Z	-.214	-.214	0	%100
43	M24	X	-.406	-.406	0	%100
44	M24	Z	-.235	-.235	0	%100
45	M25	X	-.521	-.521	0	%100
46	M25	Z	-.301	-.301	0	%100
47	M26	X	-.517	-.517	0	%100
48	M26	Z	-.299	-.299	0	%100
49	M27	X	-.35	-.35	0	%100
50	M27	Z	-.202	-.202	0	%100
51	M28	X	-.517	-.517	0	%100
52	M28	Z	-.299	-.299	0	%100
53	M29	X	-.35	-.35	0	%100
54	M29	Z	-.202	-.202	0	%100
55	M30	X	-.521	-.521	0	%100
56	M30	Z	-.301	-.301	0	%100
57	M31	X	-.58	-.58	0	%100
58	M31	Z	-.335	-.335	0	%100
59	M32	X	-.58	-.58	0	%100
60	M32	Z	-.335	-.335	0	%100
61	M33	X	-.371	-.371	0	%100
62	M33	Z	-.214	-.214	0	%100
63	M34	X	-.371	-.371	0	%100
64	M34	Z	-.214	-.214	0	%100
65	M35	X	-.406	-.406	0	%100
66	M35	Z	-.235	-.235	0	%100
67	M36	X	-.521	-.521	0	%100
68	M36	Z	-.301	-.301	0	%100
69	MP4A	X	-.506	-.506	0	%100
70	MP4A	Z	-.292	-.292	0	%100
71	MP2A	X	-.506	-.506	0	%100
72	MP2A	Z	-.292	-.292	0	%100
73	MP1A	X	-.506	-.506	0	%100
74	MP1A	Z	-.292	-.292	0	%100
75	M46	X	-.466	-.466	0	%100
76	M46	Z	-.269	-.269	0	%100
77	MP3A	X	-.506	-.506	0	%100
78	MP3A	Z	-.292	-.292	0	%100
79	M52	X	-.506	-.506	0	%100
80	M52	Z	-.292	-.292	0	%100
81	M55	X	-.506	-.506	0	%100
82	M55	Z	-.292	-.292	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.286	-.286	0	%100
2	M1	Z	-.495	-.495	0	%100
3	M3	X	-.286	-.286	0	%100
4	M3	Z	-.495	-.495	0	%100
5	M5	X	-.044	-.044	0	%100
6	M5	Z	-.077	-.077	0	%100
7	M6	X	-.003	-.003	0	%100
8	M6	Z	-.005	-.005	0	%100
9	M7	X	-.226	-.226	0	%100
10	M7	Z	-.392	-.392	0	%100
11	M8	X	-.044	-.044	0	%100
12	M8	Z	-.077	-.077	0	%100
13	M9	X	-.003	-.003	0	%100
14	M9	Z	-.005	-.005	0	%100
15	M10	X	-.226	-.226	0	%100
16	M10	Z	-.392	-.392	0	%100
17	M11	X	-.28	-.28	0	%100
18	M11	Z	-.485	-.485	0	%100
19	M12	X	-.019	-.019	0	%100
20	M12	Z	-.033	-.033	0	%100
21	M13	X	-.28	-.28	0	%100
22	M13	Z	-.485	-.485	0	%100
23	M14	X	-.019	-.019	0	%100
24	M14	Z	-.033	-.033	0	%100
25	M15	X	-.133	-.133	0	%100
26	M15	Z	-.231	-.231	0	%100
27	M16	X	-.161	-.161	0	%100
28	M16	Z	-.279	-.279	0	%100
29	M17	X	-.133	-.133	0	%100
30	M17	Z	-.231	-.231	0	%100
31	M18	X	-.161	-.161	0	%100
32	M18	Z	-.279	-.279	0	%100
33	M19	X	-.139	-.139	0	%100
34	M19	Z	-.241	-.241	0	%100
35	M20	X	-.143	-.143	0	%100
36	M20	Z	-.248	-.248	0	%100
37	M21	X	-.143	-.143	0	%100
38	M21	Z	-.248	-.248	0	%100
39	M22	X	-.204	-.204	0	%100
40	M22	Z	-.354	-.354	0	%100
41	M23	X	-.204	-.204	0	%100
42	M23	Z	-.354	-.354	0	%100
43	M24	X	-.224	-.224	0	%100
44	M24	Z	-.388	-.388	0	%100
45	M25	X	-.139	-.139	0	%100
46	M25	Z	-.241	-.241	0	%100
47	M26	X	-.133	-.133	0	%100
48	M26	Z	-.231	-.231	0	%100
49	M27	X	-.201	-.201	0	%100
50	M27	Z	-.349	-.349	0	%100
51	M28	X	-.133	-.133	0	%100
52	M28	Z	-.231	-.231	0	%100
53	M29	X	-.201	-.201	0	%100
54	M29	Z	-.349	-.349	0	%100
55	M30	X	-.139	-.139	0	%100
56	M30	Z	-.241	-.241	0	%100
57	M31	X	-.143	-.143	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M31	Z	-.248	-.248	0	%100
59	M32	X	-.143	-.143	0	%100
60	M32	Z	-.248	-.248	0	%100
61	M33	X	-.204	-.204	0	%100
62	M33	Z	-.354	-.354	0	%100
63	M34	X	-.204	-.204	0	%100
64	M34	Z	-.354	-.354	0	%100
65	M35	X	-.224	-.224	0	%100
66	M35	Z	-.388	-.388	0	%100
67	M36	X	-.139	-.139	0	%100
68	M36	Z	-.241	-.241	0	%100
69	MP4A	X	-.273	-.273	0	%100
70	MP4A	Z	-.472	-.472	0	%100
71	MP2A	X	-.273	-.273	0	%100
72	MP2A	Z	-.472	-.472	0	%100
73	MP1A	X	-.273	-.273	0	%100
74	MP1A	Z	-.472	-.472	0	%100
75	M46	X	-.131	-.131	0	%100
76	M46	Z	-.227	-.227	0	%100
77	MP3A	X	-.273	-.273	0	%100
78	MP3A	Z	-.472	-.472	0	%100
79	M52	X	-.273	-.273	0	%100
80	M52	Z	-.472	-.472	0	%100
81	M55	X	-.273	-.273	0	%100
82	M55	Z	-.472	-.472	0	%100

Member Area Loads

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
No Data to Print ...						

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	N4	max	1015.234	34	1225.188	15	-121.889	12	-.116	9	0	51	.229	15
2		min	-1267.385	4	406.107	9	-3026.177	18	-.333	15	0	1	.036	9
3	N65	max	960.138	49	1159.475	15	3085.307	24	-.108	9	0	51	.215	15
4		min	-988.954	29	394.772	9	-115.314	6	-.316	15	0	1	.033	9
5	N84	max	360.57	10	281.537	9	1712.321	3	0	51	0	51	0	51
6		min	-358.612	4	-227.997	3	-1713.951	9	0	1	0	1	0	1
7	Totals:	max	1855.38	10	2377.269	16	2367.315	1						
8		min	-1855.38	4	1082.415	10	-2367.316	7						

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	M1	L4X3X6	.193	.445	32	.303	.281	y	17	80199.017	80676	2.686	7.063	1....	H2-1
2	M3	L4X3X6	.149	.445	25	.292	.281	y	24	80199.017	80676	2.686	7.063	2....	H2-1
3	M5	PL3/8X3	.555	0	31	.148	.25	y	33	35005.687	36450	.285	2.278	1....	H1-1b
4	M6	PL3/8X3	.550	0	15	.064	.25	y	35	35005.687	36450	.285	2.278	1....	H1-1b
5	M7	PIPE_2.0	.247	10.406	7	.117	10.406		1	6466.718	32130	1.872	1.872	2....	H1-1b
6	M8	PL3/8X3	.552	0	36	.173	0	y	35	35005.687	36450	.285	2.278	1....	H1-1b
7	M9	PL3/8X3	.538	0	16	.084	0	y	33	35005.687	36450	.285	2.278	1....	H1-1b
8	M10	PIPE_2.0	.321	10.406	2	.123	10.406		42	6466.718	32130	1.872	1.872	2....	H1-1b
9	M11	PIPE_2.0	.265	.495	32	.086	0		33	21054.34	32130	1.872	1.872	2....	H1-1b

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
10	M12	PIPE_2.0	.283	.495	15	.101	5.381		3	21054.34	32130	1.872	1.872	2....	H1-1b
11	M13	PIPE_2.0	.284	.557	36	.087	0		34	21054.34	32130	1.872	1.872	2....	H1-1b
12	M14	PIPE_2.0	.307	.557	14	.183	5.381		9	21054.34	32130	1.872	1.872	2....	H1-1b
13	M15	PL3/8X3	.059	0	47	.199	0	y	33	36083.429	36450	.285	2.278	1....	H1-1b
14	M16	PIPE_1.5	.060	2.016	14	.026	4.117		8	17143.12	23593.5	1.105	1.105	1....	H1-1b
15	M17	PL3/8X3	.081	0	39	.062	0	y	3	36083.429	36450	.285	2.278	1....	H1-1b
16	M18	PIPE_1.5	.045	2.016	14	.035	4.117		12	17143.12	23593.5	1.105	1.105	1....	H1-1b
17	M19	PL3/8X3	.621	0	9	.094	0	y	9	34498.315	36450	.285	2.278	1....	H1-1b
18	M20	PL3/8X3	.072	.042	38	.199	.042	y	33	36409.087	36450	.285	2.278	1	H1-1b
19	M21	PL3/8X3	.176	.042	3	.062	.042	y	3	36409.087	36450	.285	2.278	1....	H1-1b
20	M22	PIPE_1.5	.049	3.167	15	.043	0		33	19531.761	23593.5	1.105	1.105	1....	H1-1b*
21	M23	PIPE_1.5	.084	3.167	15	.017	3.167		3	19531.761	23593.5	1.105	1.105	1....	H1-1b*
22	M24	PIPE_2.0	.564	.602	3	.139	.602		3	29344.85	32130	1.872	1.872	1....	H1-1b
23	M25	PL3/8X3	.296	.292	3	.065	.292	y	9	34498.315	36450	.285	2.278	1....	H1-1b
24	M26	PL3/8X3	.068	0	17	.194	0	y	33	36083.429	36450	.285	2.278	1....	H1-1b
25	M27	PIPE_1.5	.046	2.016	25	.012	0		7	17143.12	23593.5	1.105	1.105	1....	H1-1b
26	M28	PL3/8X3	.078	0	21	.050	0	y	15	36083.429	36450	.285	2.278	1....	H1-1b
27	M29	PIPE_1.5	.038	2.016	25	.019	4.117		6	17143.12	23593.5	1.105	1.105	1....	H1-1b
28	M30	PL3/8X3	.029	0	29	.025	0	y	15	34498.315	36450	.285	2.278	1....	H1-1b
29	M31	PL3/8X3	.089	.042	14	.194	.042	y	33	36409.087	36450	.285	2.278	1....	H1-1b
30	M32	PL3/8X3	.108	.042	23	.050	.042	y	15	36409.087	36450	.285	2.278	1....	H1-1b
31	M33	PIPE_1.5	.041	3.167	33	.042	3.167		34	19531.761	23593.5	1.105	1.105	1....	H1-1b*
32	M34	PIPE_1.5	.076	3.167	33	.013	0		16	19531.761	23593.5	1.105	1.105	1....	H1-1b*
33	M35	PIPE_2.0	.020	0	35	.004	2.75		16	29344.85	32130	1.872	1.872	1....	H1-1b*
34	M36	PL3/8X3	.027	.292	50	.025	.292	y	15	34498.315	36450	.285	2.27	1	H1-1b
35	MP4A	PIPE_2.0	.175	4.688	33	.031	1.375		10	20866.733	32130	1.872	1.872	1....	H1-1b
36	MP2A	PIPE_2.0	.209	1.375	1	.100	4.75		9	20866.733	32130	1.872	1.872	1....	H1-1b
37	MP1A	PIPE_2.0	.133	1.375	49	.056	1.375		2	20866.733	32130	1.872	1.872	1....	H1-1b
38	M46	PIPE_2.0	.596	8.732	4	.010	0		16	3499.329	32130	1.872	1.872	2....	H1-1a
39	MP3A	PIPE_2.0	.114	1.375	50	.034	4.688		8	20866.733	32130	1.872	1.872	1....	H1-1b
40	M52	PIPE_2.0	.057	1.375	3	.021	1.375		3	20866.733	32130	1.872	1.872	1....	H1-1b
41	M55	PIPE_2.0	.097	1.375	45	.028	1.375		9	20866.733	32130	1.872	1.872	1....	H1-1b

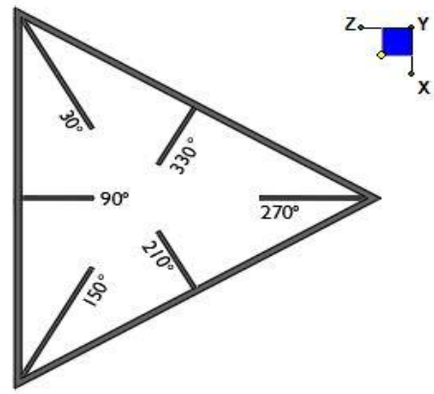
Client:	Verizon	Date:	11/16/2020
Site Name:	Bridgeport SW		
Project No.	20777258A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

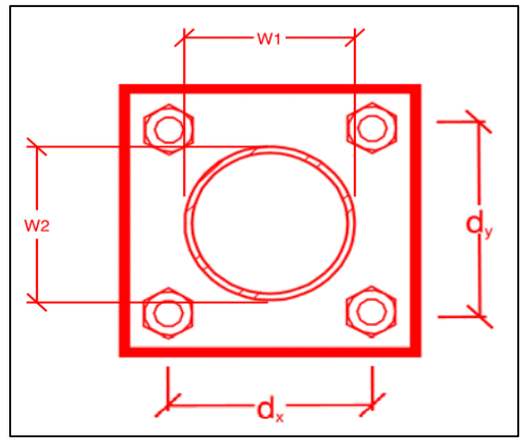
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N4	90
N65	90



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	2
d_x (in) *(Delta X of typ. bolt config. sketch)* :	9.5
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	1
Bolt Type:	U-Bolt
Bolt Diameter (in):	0.5
Required Tensile Strength (kips):	10.9
Required Shear Strength (kips):	2.1
Tensile Strength / bolt (kips):	16.3
Shear Strength / bolt (kips):	9.8
Tensile Capacity Overall:	**33.4%***
Shear Capacity Overall:	**10.8%**



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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded to ***https://pmi.vzwsmart.com*** as depicted on the drawings

Photo Requirements:

- *Base and "During Installation Photos"*
  - Base pictures include
    - Photo of Gate Signs showing the tower owner, site name, and number
    - Photo of carrier shelter showing the carrier site name and number if available
    - Photos of the galvanizing compound and/or paint used (if applicable), clearly showing the label and name
  - "During Installation Photos if provided - must be placed only in this folder
- *Photos taken at ground level*
  - Overall tower structure before and after installation of the equipment modifications
  - Photos of the appropriate mount before and after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed
- *Photos taken at Mount Elevation*
  - Photos showing each individual sector before and also after installation of equipment.
    - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis

- 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.

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor to replace all existing damaged mount-to-tower connection U-bolts as required

Response:

Schedule A – Photo & Document File Structure

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

Sector: **A**

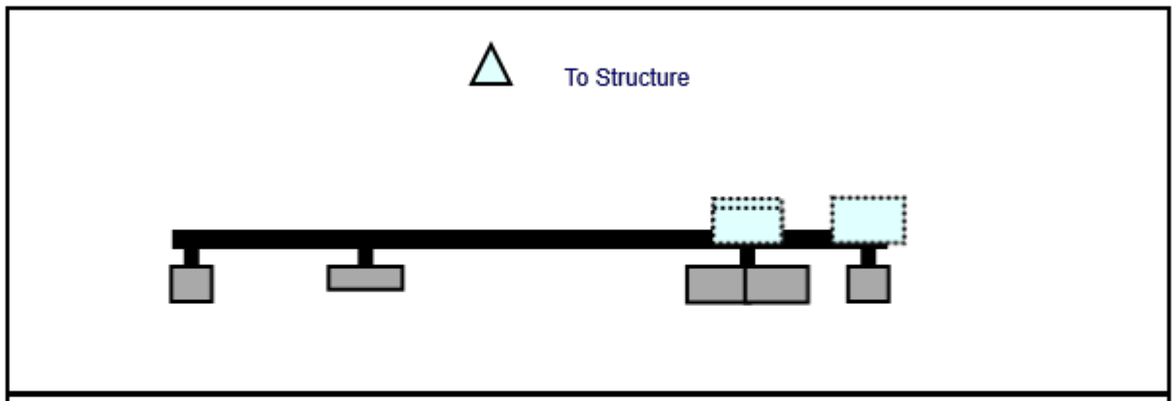
Structure Type: Self Support

Mount Elev: 109.00

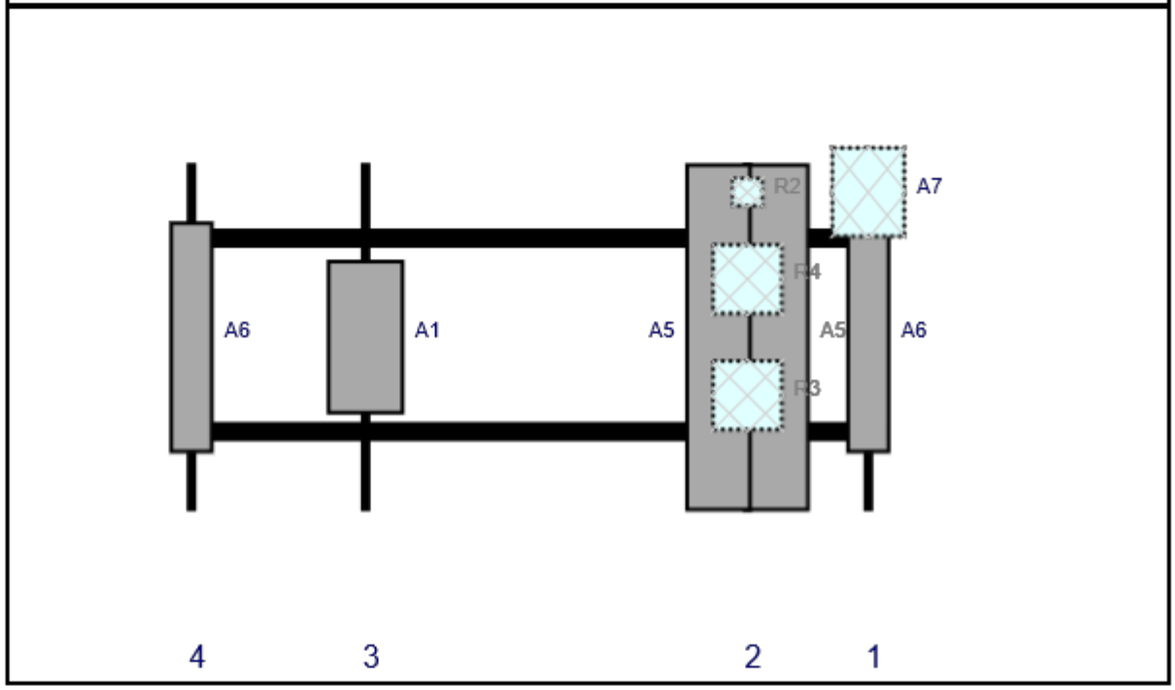
11/16/2020

MASER CONSULTING — CONNECTICUT —

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	APL866513	48	9.2	144	1	a	Front	36	0	Retained	11/02/2020
A7	RRFDC-1064-PF-48	19.1	15.7	144	1	a	Behind	6	0	Retained	11/02/2020
A5	JAHH-65B-R3B	72	13.8	119	2	a	Front	36	6	Retained	11/02/2020
A5	JAHH-65B-R3B	72	13.8	119	2	b	Front	36	-6	Retained	11/02/2020
R2	CBC78T-DS-43-2X	6.4	6.9	119	2	a	Behind	6	0	Added	
R3	B2/B66A RRH-BR049	15	15	119	2	a	Behind	48	0	Added	
R4	B5/B13 RRH-BR04C	15	15	119	2	a	Behind	24	0	Added	
A1	nL-Sub 6 Antenna	32.1	16.1	40	3	a	Front	36	0	Added	
A6	APL866513	48	9.2	4	4	a	Front	36	0	Retained	11/02/2020

Sector: **B**

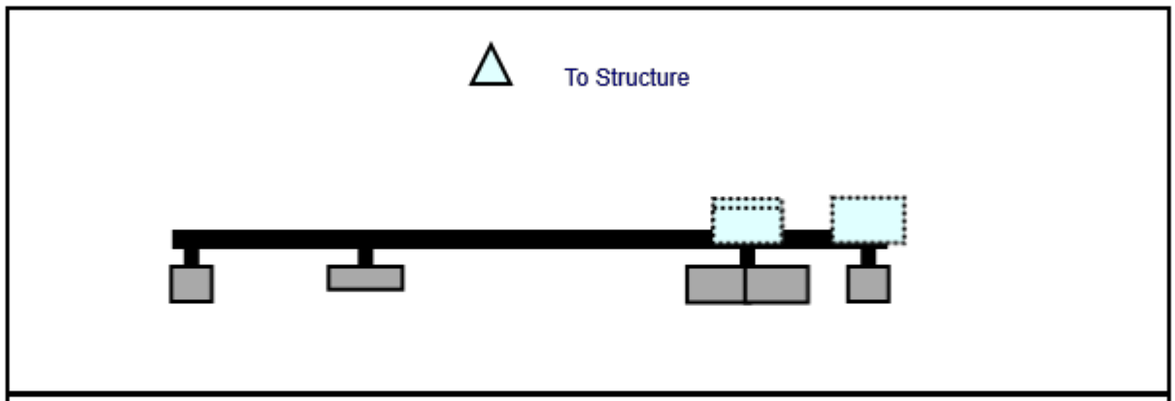
Structure Type: Self Support

Mount Elev: 109.00

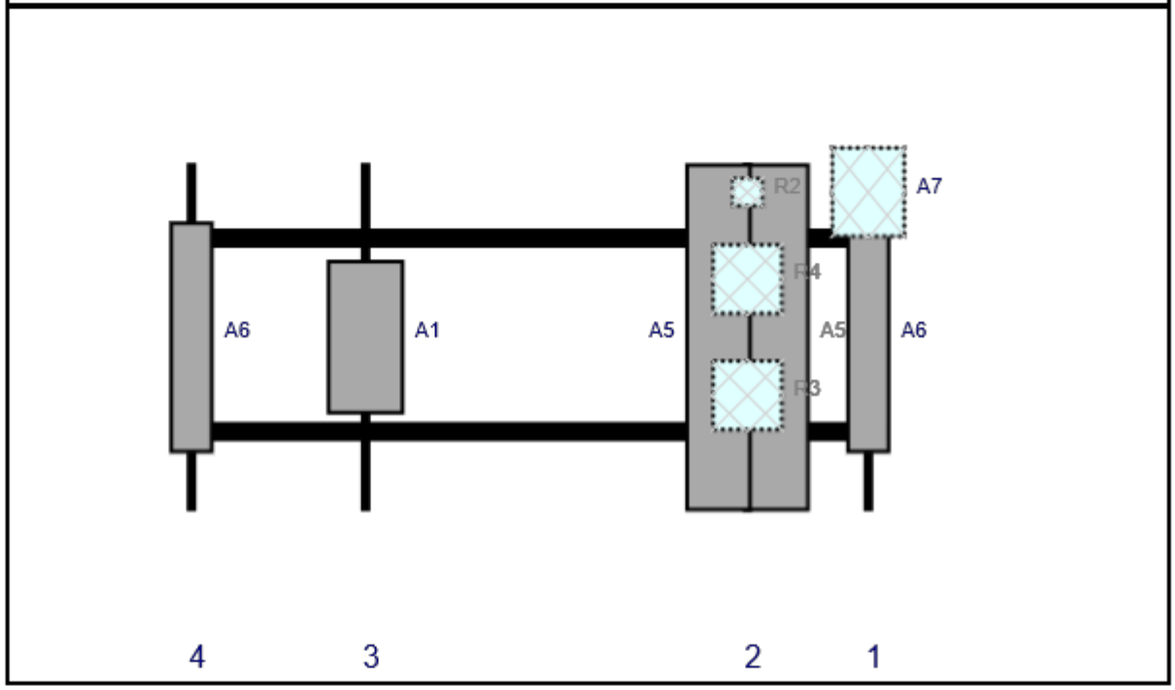
11/16/2020

MASER CONSULTING — CONNECTICUT —

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	APL866513	48	9.2	144	1	a	Front	36	0	Retained	11/02/2020
A7	RRFDC-1064-PF-48	19.1	15.7	144	1	a	Behind	6	0	Retained	11/02/2020
A5	JAHH-65B-R3B	72	13.8	119	2	a	Front	36	6	Retained	11/02/2020
A5	JAHH-65B-R3B	72	13.8	119	2	b	Front	36	-6	Retained	11/02/2020
R2	CBC78T-DS-43-2X	6.4	6.9	119	2	a	Behind	6	0	Added	
R3	B2/B66A RRH-BR049	15	15	119	2	a	Behind	48	0	Added	
R4	B5/B13 RRH-BR04C	15	15	119	2	a	Behind	24	0	Added	
A1	nL-Sub 6 Antenna	32.1	16.1	40	3	a	Front	36	0	Added	
A6	APL866513	48	9.2	4	4	a	Front	36	0	Retained	11/02/2020

Sector: **C**

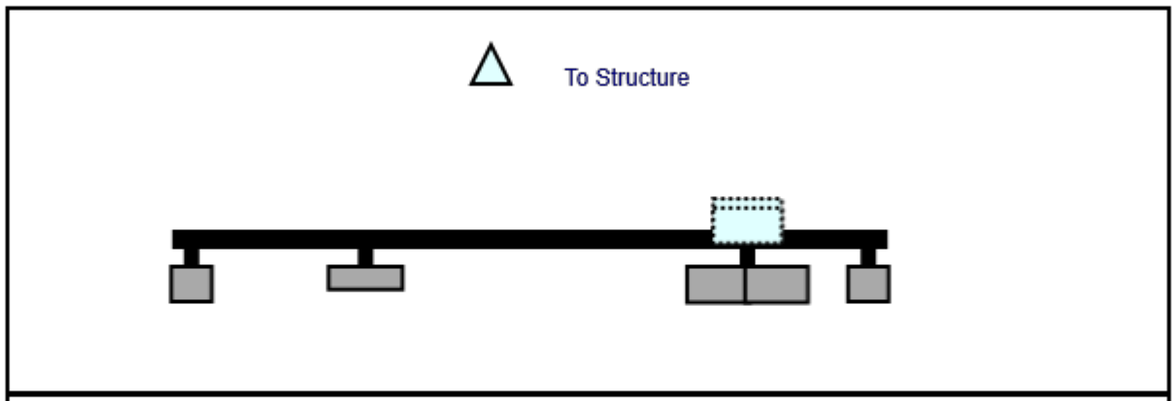
Structure Type: Self Support

Mount Elev: 109.00

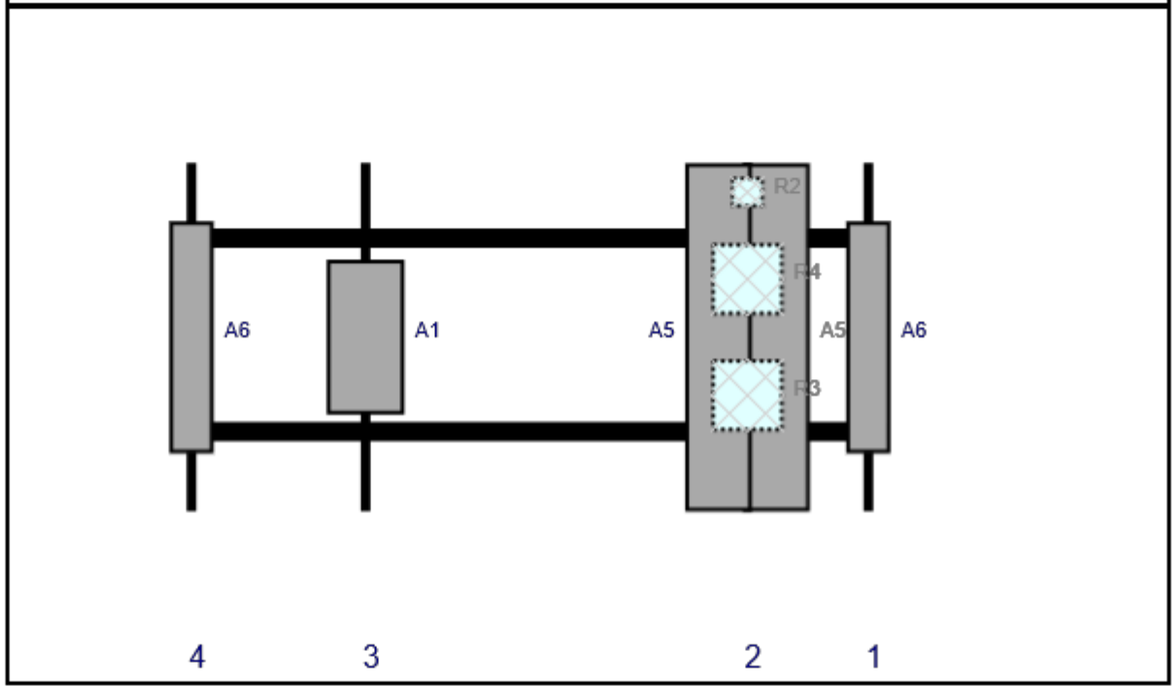
11/16/2020

MASER CONSULTING — CONNECTICUT —

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	APL866513	48	9.2	144	1	a	Front	36	0	Retained	11/02/2020
A5	JAHH-65B-R3B	72	13.8	119	2	a	Front	36	6	Retained	11/02/2020
A5	JAHH-65B-R3B	72	13.8	119	2	b	Front	36	-6	Retained	11/02/2020
R2	CBC78T-DS-43-2X	6.4	6.9	119	2	a	Behind	6	0	Added	
R3	B2/B66A RRH-BR049	15	15	119	2	a	Behind	48	0	Added	
R4	B5/B13 RRH-BR04C	15	15	119	2	a	Behind	24	0	Added	
A1	nL-Sub 6 Antenna	32.1	16.1	40	3	a	Front	36	0	Added	
A6	APL866513	48	9.2	4	4	a	Front	36	0	Retained	11/02/2020

Maser Consulting Connecticut

Subject	TIA-222-H Adoption and Wind Speed Usage
Site Information	Site ID: 469269-VZW / Bridgeport SW Site Name: Bridgeport SW Carrier Name: Verizon Wireless Address: 623 Pine St Bridgeport, Connecticut 06605 Fairfield County Latitude: 41.166194° Longitude: -73.217056°
Structure Information	Tower Type: Self Support Mount Type: 12.33-Ft Sector Frame

To Whom It May Concern,

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

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

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

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

Sincerely,

Dejian Xu

Dejian Xu, PE
Technical Specialist

MASER CONSULTING
— CONNECTICUT—

331 Newman Springs Road, Suite 203
Red Bank, NJ 07701
T: 732.383.1950
www.maserconsulting.com

March 29, 2021

Mr. Andrew Leone
Verizon Wireless
20 Alexander Dr.
Wallingford, CT 06492

Re: Verizon Wireless antenna Model Clarification for CT Siting Council

Dear Mr. Leone,

This letter is intended to clarify and confirm the antenna naming convention used by Verizon Wireless as a part of an antenna upgrade project on numerous wireless facilities.

The antenna naming convention "Licensed Sub-6, L-Sub6, nL-Sub6, VZS01" and any other slight variants refer to the 64T64RMMU antenna manufactured by Samsung Electronics. These names are interchangeable and are used in various documents, including but not limited to the "Antenna Mount Analysis".

If you have any questions or comments, or require additional information, please do not hesitate to contact me.

Very truly yours,
MASER CONSULTING CONNECTICUT

Petros Toukalas
Connecticut Professional Engineer
License Number: 32577

Attachment 5


Site Address: 623 PINE ST
KNAPP ANDREW & LILLIAN &
Field Card
Zoom to Feature
Buffer Feature
View Additional Details
Run a Report
Add to Results
Cherry St
155.0
699
431
151.0
71.08
80.0
40.0
645
623
Pine St
PINE ST
146
40.0

BRIDGEPORT,CT

623 PINE ST

Location
623 PINE ST
Mblu
19/ 307/ 25/ /
Acct#
RK-0259405
Owner
KNAPP ANDREW & LILLIAN &
Assessment
$255,080
Appraisal
$364,390
PID
2504
Building Count
1

Current Value	
Appraisal	

Valuation Year	Improvements	Land	Total
2020	$258,510	$105,880	$364,390

Assessment

Valuation Year	Improvements	Land	Total
2020	$180,960	$74,120	$255,080

Owner of Record

Owner KNAPP ANDREW & LILLIAN &
Co-Owner ROBERT KNAPP (SURV OF THEM)
Address 24 ROCKDALE RD
WEST HAVEN, CT 06516
Sale Price $90,000
Certificate
Book & Page 2838/0116
Sale Date 09/24/1990
Instrument

Ownership History

Ownership History

Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
KNAPP ANDREW & LILLIAN &	$90,000		2838/0116		09/24/1990

Building Information
Building 1 : Section 1

Year Built: 1964
Living Area: 2,625
Replacement Cost: $251,839
Building Percent Good: 82
Replacement Cost Less Depreciation: $206,510

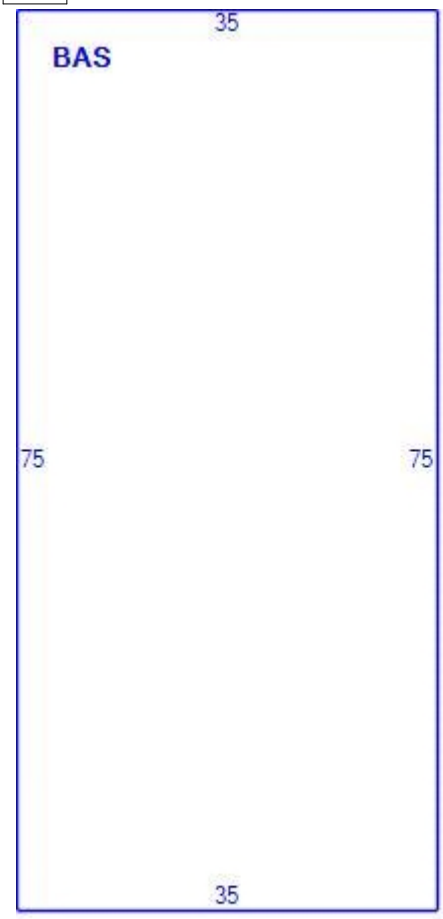
Building Attributes

Field	Description

Style:	Telephone Bldg
Model	Ind/Comm
Grade:	Above Ave
Stories:	1
Occupancy:	1.00
Exterior Wall 1:	Concr/CinderBl
Exterior Wall 2:	
Roof Struct:	Flat
Roof Cover:	T+G/Rubber
Interior Wall 1:	Minim/Masonry
Interior Wall 2:	
Interior Floor 1:	Concr-Finished
Interior Floor 2:	
Heating Fuel:	Gas
Heating Type:	Forced Air
AC Type:	Central
Struct Class	
Bldg Use:	Industrial Mdl 96
Ttl Rooms:	
Ttl Bedrms:	00
Ttl Baths:	0
Ttl Half Baths:	0
Ttl Xtra Fix:	0
1st Floor Use:	
Heat/AC:	Heat/Ac Pkgs
Frame Type:	Masonry
Baths/Plumbing:	Average

Ceiling/Wall:	Ceil & Walls
Rooms/Prtns:	Average
Wall Height:	14.00
% Comn Wall:	

Building Photo 



Building Layout

Building Sub-Areas (sq ft) Legend

Code	Description	Gross Area	Living Area
BAS	First Floor	2,625	2,625

		2,625	2,625

Extra Features

Extra Features Legend

No Data for Extra Features

Land

Land Use

Use Code	300
Description	Industrial Mdl 96
Zone	ILI
Neighborhood	IND
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	0.09
Frontage	0
Depth	0
Assessed Value	$74,120
Appraised Value	$105,880

Outbuildings

Outbuildings Legend

Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
TWR	Tower			250.00 LF	$52,000	1

Valuation History

Appraisal

Valuation Year	Improvements	Land	Total
2019	$251,840	$69,370	$321,210
2018	$251,840	$69,370	$321,210
2017	$251,840	$69,370	$321,210

Assessment

Valuation Year	Improvements	Land	Total
2019	$176,290	$48,560	$224,850
2018	$176,290	$48,560	$224,850
2017	$176,290	$48,560	$224,850

closecloseclose

Attachment 6

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103-3597	3	3	neopost 04/16/2021 US POSTAGE $002.89⁰ ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)* Y.P		

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Joseph C. Ganim, Mayor Margaret E. Morton Government Center 999 Broad Street Bridgeport, CT 06604				
2.	Dennis Buckley, Zoning Administrator City of Bridgeport 45 Lyon Terrace Bridgeport, CT 06604				
3.	Radio Communications Corp. Attn: Bob Knapp 24 Rockdale Road West Haven, CT 06516		OLD STATE HOUSE STATION 06103 APR 16 2021 USPS		
4.					
5.					
6.					

PS Form **3665**, January 2017 (Page ___ of ___) PSN 7530-17-000-5549

See Reverse for Instructions