

KENNETH C. BALDWIN

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Also admitted in Massachusetts
and New York

January 18, 2022

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
62 Codfish Road, Bethel, Connecticut**

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains an existing wireless telecommunications facility at the above-referenced property address (the “Property”). The facility consists of antennas and remote radio heads attached to a tower and associated equipment on the ground near the base of the tower. The tower and Cellco’s use of the tower were approved by the Siting Council (“Council”) in September of 2015 (Docket No. 458). A copy of the Council’s Docket No. 458 Decision and Order is included in Attachment 1.

Cellco now intends to modify its facility by removing nine (9) antennas and installing (3) new Samsung MT6407-77A antennas and six (6) new MX06FRO660-03 antennas on Cellco’s existing antenna platform. Cellco also intends to remove nine (9) remote radio heads (“RRHs”) and install six (6) new RRHs behind its antennas. A set of project plans showing Cellco’s proposed facility modifications and the specifications for Cellco’s new antennas and RRHs 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 Bethel’s Chief Elected Official and Land Use Officer.

Melanie A. Bachman, Esq.
January 18, 2022
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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 its existing antenna platform.
2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, will not require the extension of the site boundary.
3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
4. The installation of Cellco's new antennas will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety standard. A General Power Density table for Cellco's modified facility is included in Attachment 3. The modified facility will be capable of providing Cellco's 5G wireless service.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
6. According to the attached Structural Analysis ("SA") and Mount Analysis ("MA"), the existing tower, tower foundation and antenna platform can support Cellco's proposed modifications. Copies of the SA and MA are included in Attachment 4.

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

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

Melanie A. Bachman, Esq.
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Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth C. Baldwin". The signature is fluid and cursive, with a long horizontal stroke at the end.

Kenneth C. Baldwin

Enclosures

Copy to:

Mathew Knickerbocker, Bethel First Selectman
Beth Cavagna, Town Planner/Director of Land Use, Planning and Zoning/Inland
Wetlands
Estate of Claudia Stone, Property Owner
Karla Hanna, Verizon Wireless

ATTACHMENT 1

<p>DOCKET NO. 458 – Florida Tower Partners LLC d/b/a North Atlantic Towers Application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation, of a telecommunications facility at one of two locations at Bethel Tax Assessor’s Map 65, Block 57, Lot 122, 62-64 Codfish Hill Road, Bethel, Connecticut.</p>	<p>} Connecticut } Siting } Council } September 17, 2015</p>
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Decision and Order

Pursuant to Connecticut General Statutes §16-50p and the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, maintenance, and operation of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Florida Tower Partners LLC d/b/a North Atlantic Towers, hereinafter referred to as the Certificate Holder, for a telecommunications facility at Site 2, located at 62-64 Codfish Hill Road, Bethel, Connecticut. The Council denies certification of Site 1 located at 62-64 Codfish Hill Road, Bethel, Connecticut.

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

1. The Site 2 tower shall be constructed as a monopole at a height of 150 above ground level to provide the proposed wireless services, sufficient to accommodate the antennas of Cellco Partnership d/b/a Verizon Wireless and other entities, both public and private. The height of the tower may be extended after the date of this Decision and Order pursuant to regulations of the Federal Communications Commission.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for Site 2 in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Bethel for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
 - a) final site plan(s) for development of the facility to include specifications for the tower, tower foundation, antennas, equipment compound including, but not limited to, fence with less than two inch mesh, radio equipment, access road, utility line, emergency backup generator that employ the governing standard in the State of Connecticut for tower design in accordance with the currently adopted International Building Code;
 - b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended;
 - c) provisions for a Turtle Protection Program for the wood turtle and box turtle that includes DEEP-recommended construction practices to reduce potential impact to turtle populations; and
 - d) avoidance of tree clearing activities from April 15 through July 15.

3. Prior to the commencement of operation, the Certificate Holder shall provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.
4. Upon the establishment of any new federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
6. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed with at least one fully operational wireless telecommunications carrier providing wireless service within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Certificate Holder shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.
7. Any request for extension of the time period referred to in Condition 6 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Bethel.
8. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council within 90 days from the one year period of cessation of service. The Certificate Holder may submit a written request to the Council for an extension of the 90 day period not later than 60 days prior to the expiration of the 90 day period.
9. Any nonfunctioning antenna, and associated antenna mounting equipment, on this facility shall be removed within 60 days of the date the antenna ceased to function.
10. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction, and the commencement of site operation.
11. The Certificate Holder shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v.

12. This Certificate may be transferred in accordance with Conn. Gen. Stat. §16-50k(b), provided both the Certificate Holder/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. In addition, both the Certificate Holder/transferor and the transferee shall provide the Council a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.
13. The Certificate Holder shall maintain the facility and associated equipment, including but not limited to, the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line and landscaping in a reasonable physical and operational condition that is consistent with this Decision and Order and a Development and Management Plan to be approved by the Council.
14. If the Certificate Holder is a wholly-owned subsidiary of a corporation or other entity and is sold/transferred to another corporation or other entity, the Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the Certificate Holder within 30 days of the sale and/or transfer.
15. This Certificate may be surrendered by the Certificate Holder upon written notification and approval by the Council.

We hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed in the Service List, dated June 29, 2015, and notice of issuance published in *The News-Times*.

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

ATTACHMENT 2



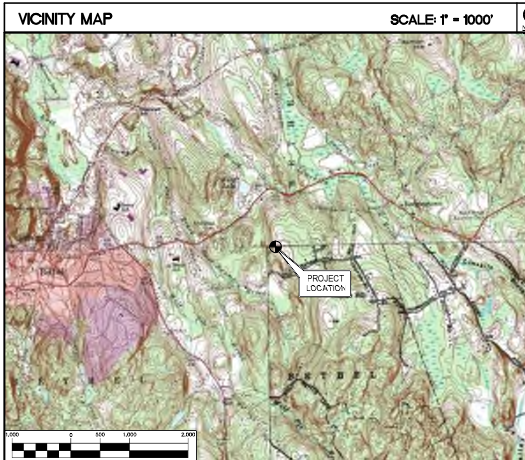
BETHEL EAST CT - A 62 CODFISH HILL RD BETHEL, CT 06801

GENERAL NOTES AND SPECIFICATIONS

- ALL WORK SHALL BE IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2018 CONNECTICUT SUPPLEMENT, INCLUDING THE IBC/A-222 REVISION "G" STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND SUPPORTING STRUCTURES, 2017 CONNECTICUT FIRE SAFETY CODE, NATIONAL ELECTRICAL CODE, AND LOCAL CODES.
- SHOULD ANY FIELD CONDITIONS PRECLUDE COMPLIANCE WITH THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL NOT PROCEED WITH ANY AFFECTED WORK.
- CONTRACTOR SHALL REVIEW ALL DRAWINGS AND SPECIFICATIONS IN THE CONTRACT DOCUMENT SET. CONTRACTOR SHALL COORDINATE ALL WORK SHOWN IN THE SET OF DRAWINGS. THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF DRAWINGS TO ALL SUBCONTRACTORS AND ALL RELATED PARTIES. THE SUBCONTRACTORS SHALL EXAMINE ALL THE DRAWINGS AND SPECIFICATIONS FOR THE INFORMATION THAT AFFECTS THEIR WORK.
- CONTRACTOR SHALL PROVIDE A COMPLETE BUILD-OUT WITH ALL FINISHES, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS AND PROVIDE ALL ITEMS AS SHOWN OR INDICATED ON THE DRAWINGS OR IN THE WRITTEN SPECIFICATIONS.
- CONTRACTOR SHALL FURNISH ALL MATERIAL, LABOR AND EQUIPMENT TO COMPLETE THE WORK AND FURNISH A COMPLETED JOB ALL IN ACCORDANCE WITH LOCAL AND STATE GOVERNING AUTHORITIES AND OTHER AUTHORITIES HAVING LAWFUL JURISDICTION OVER THE WORK.
- CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND ALL INSPECTIONS REQUIRED AND SHALL ALSO PAY FEES REQUIRED FOR THE GENERAL CONSTRUCTION AND ALL TRADES AS APPLICABLE PERMITS SHALL BE PAID FOR BY THE RESPECTIVE SUBCONTRACTORS.
- CONTRACTOR SHALL MAINTAIN A CURRENT SET OF DRAWINGS AND SPECIFICATIONS ON SITE AT ALL TIMES AND INSURE DISTRIBUTION OF NEW DRAWINGS TO SUBCONTRACTORS AND OTHER RELEVANT PARTIES AS SOON AS THEY ARE MADE AVAILABLE. ALL OLD DRAWINGS SHALL BE MARKED VOID AND REMOVED FROM THE CONTRACT AREA. THE CONTRACTOR SHALL FURNISH AN "AS-BUILT" SET OF DRAWINGS TO OWNER UPON COMPLETION OF PROJECT.
- LOCATION OF EQUIPMENT, AND WORK SUPPLIED BY OTHERS THAT IS DIAGRAMMATICALLY INDICATED ON THE DRAWINGS SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL DETERMINE LOCATIONS AND DIMENSIONS SUBJECT TO STRUCTURAL CONDITIONS AND WORK OF THE SUBCONTRACTORS.
- THE CONTRACTOR IS SOLELY RESPONSIBLE TO DETERMINE CONSTRUCTION PROCEDURE AND SEQUENCE, AND TO ENSURE THE SAFETY OF THE EXISTING STRUCTURES AND ITS COMPONENT PARTS DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, BRACING, UNDERPINNING, ETC. THAT MAY BE NECESSARY. MAINTAIN EXISTING BUILDINGS/PROPERTY'S OPERATIONS, COORDINATE WORK WITH BUILDING/PROPERTY OWNER.
- DRAWINGS INDICATE THE MINIMUM STANDARDS, BUT IF ANY WORK SHOULD BE INDICATED TO BE SUBSTANDARD TO ANY ORDINANCES, LAWS, CODES, RULES, OR REGULATIONS BEARING ON THE WORK, THE CONTRACTOR SHALL INCLUDE IN HIS WORK AND SHALL EXECUTE THE WORK CORRECTLY IN ACCORDANCE WITH SUCH ORDINANCES, LAWS, CODES, RULES OR REGULATIONS WITH NO INCREASE IN COSTS.
- ALL UTILITY WORK SHALL BE IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS AND SPECIFICATIONS.
- ALL EQUIPMENT AND PRODUCTS PURCHASED ARE TO BE REVIEWED BY CONTRACTOR AND ALL APPLICABLE SUBCONTRACTORS FOR ANY CONDITION PER MFR.'S RECOMMENDATIONS. CONTRACTOR TO SUPPLY THESE ITEMS AT NO COST TO OWNER OR CONSTRUCTION MANAGER.
- ANY AND ALL ERRORS, DISCREPANCIES, AND "MISSED" ITEMS ARE TO BE BROUGHT TO THE ATTENTION OF THE VERIZON WIRELESS CONSTRUCTION MANAGER DURING THE BIDDING PROCESS BY THE CONTRACTOR. ALL THESE ITEMS ARE TO BE INCLUDED IN THE BID. NO "EXTRA" WILL BE ALLOWED FOR MISSED ITEMS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON-SITE SAFETY FROM THE TIME THE JOB IS AWARDED UNTIL ALL WORK IS COMPLETE AND ACCEPTED BY THE OWNER.
- CONTRACTOR TO REVIEW ALL SHOP DRAWINGS AND SUBMIT COPY TO ENGINEER FOR APPROVAL. DRAWINGS MUST BEAR THE CHECKER'S INITIALS BEFORE SUBMITTING TO THE CONSTRUCTION MANAGER FOR REVIEW.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, ANGLES, AND EXISTING CONDITIONS AT THE SITE, PRIOR TO FABRICATION AND/OR INSTALLATION OF ANY WORK IN THE CONTRACT AREA.
- COORDINATION, LAYOUT, FURNISHING AND INSTALLATION OF CONDUIT AND ALL APPURTENANCES REQUIRED FOR PROPER INSTALLATION OF ELECTRICAL AND TELECOMMUNICATION SERVICE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EQUIPMENT AND PRODUCTS PURCHASED ARE TO BE REVIEWED BY CONTRACTOR AND ALL APPLICABLE SUB- CONTRACTORS FOR ANY CONDITION PER THE MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO SUPPLY THESE ITEMS AT NO COST TO OWNER OR CONSTRUCTION MANAGER.
- ALL DAMAGE CAUSED BY AN EXISTING STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE HELD LIABLE FOR ALL REPAIRS REQUIRED FOR EXISTING STRUCTURES IF DAMAGED DURING CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT LEAST 48 HOURS PRIOR TO ANY EXCAVATIONS AT 1-800-922-4445. ALL UTILITIES SHALL BE IDENTIFIED AND CLEARLY MARKED PRIOR TO ANY EXCAVATION WORK. CONTRACTOR SHALL MAINTAIN AND PROTECT MARKED UTILITIES THROUGHOUT PROJECT COMPLETION.
- ALL CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE GOVERNING BUILDING CODE.
- BEFORE BEGINNING THE WORK, THE CONTRACTOR IS RESPONSIBLE FOR MAKING SUCH INVESTIGATIONS CONCERNING PHYSICAL CONDITIONS (SURFACE AND SUBSURFACE) AT OR CONTIGUOUS TO THE SITE WHICH MAY AFFECT PERFORMANCE AND COST OF THE WORK.
- ALL DIMENSIONS, ELEVATIONS, AND OTHER REFERENCES TO EXISTING STRUCTURES, SURFACE, AND SUBSURFACE CONDITIONS ARE APPROXIMATE. NO GUARANTEE IS MADE FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS, ELEVATIONS, ANGLES WITH EXISTING CONDITIONS AND WITH ARCHITECTURAL AND SITE DRAWINGS BEFORE PROCEEDING WITH ANY WORK.
- AS THE WORK PROGRESSES, THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY CONDITIONS WHICH ARE IN CONFLICT OR OTHERWISE NOT CONSISTENT WITH THE CONSTRUCTION DOCUMENTS AND SHALL NOT PROCEED WITH SUCH WORK UNTIL THE CONFLICT IS SATISFACTORILY RESOLVED.

SITE DIRECTIONS

FROM:	TO:
20 ALEXANDER DRIVE WALLINGFORD, CONNECTICUT	62 CODFISH HILL RD BETHEL, CT 06801
1. START OUT GOING NORTH ON ALEXANDER DR TOWARD BARNES INDUSTRIAL RD.	0.18 MI
2. TURN RIGHT ONTO BARNES INDUSTRIAL RD.	0.11 MI
3. TAKE THE 1ST LEFT ONTO CT-68 W.	4.40 MI
4. TURN RIGHT.	0.20 MI
5. TURN RIGHT ONTO N COLONY RD.	0.35 MI
6. TURN RIGHT TO MERGE ONTO CT-15 N TOWARD HARTFORD.	0.50 MI
7. MERGE ONTO CT-15 N.	3.10 MI
8. USE THE MIDDLE LANE TO SAY ON CT-15 N.	0.10 MI
9. TAKE EXIT 68 W TO MERGE ONTO I-691 W TOWARD MERIDEN/WATERBURY.	7.70 MI
10. USE ANY LANE TO EXIT 1 FOR I-84 W TOWARD WATERBURY/DANBURY.	1.20 MI
11. MERGE ONTO I-84.	1.60 MI
12. KEEP LEFT TO STAY ON I-84.	21.6 MI
13. TAKE EXIT 11 TOWARD CT-34/DERBY/NEW HAVEN.	0.90 MI
14. TURN LEFT ONTO WASSERMAN WAY.	1.00 MI
15. CONTINUE ONTO WEE HILL RD.	0.50 MI
16. TURN RIGHT ONTO CT-25N/S MAIN ST.	0.70 MI
17. TURN LEFT ONTO CT-302 W/SUGAR ST. CONTINUE TO FOLLOW CT-302 W.	3.90 MI
18. TURN LEFT ONTO JACKLIN RD.	0.30 MI
19. TURN LEFT TOWARD CODFISH HILL RD.	0.02 MI
20. MERGE ONTO CODFISH HILL RD.	0.30 MI
21. TURN RIGHT TO STAY ON CODFISH HILL RD. ARRIVE AT DESTINATION.	0.60 MI



DESIGN BASIS:

GOVERNING CODE: 2015 INTERNATIONAL BUILDING (IBC) AS MODIFIED BY THE 2018 CT STATE BUILDING CODE AND AMENDMENTS.

- DESIGN CRITERIA:
 - RISK CATEGORY: II (BASED ON TABLE 1604.5 OF THE 2015 IBC)
 - NOMINAL DESIGN SPEED (TOWER): 93 MPH (V₉₀) (EXPOSURE B)/IMPORTANCE FACTOR 1.0 BASED ON ASCE 7-10) PER 2015 INTERNATIONAL BUILDING CODE (IBC) AS MODIFIED BY THE 2018 CONNECTICUT STATE BUILDING CODE.
 - SEISMIC LOAD (DOES NOT CONTROL): PER ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES.

PROJECT SUMMARY

- THE PROPOSED UPGRADE SCOPE OF WORK AT THE EXISTING UNMANNED TELECOMMUNICATIONS FACILITY GENERALLY INCLUDES THE FOLLOWING:
 - AT THE EXISTING MOPDPOLE MOUNTED ANTENNA SECTORS:
 - REMOVE (3) EXISTING AMPHENOL - WXX063X19X00 ANTENNAS.
 - REMOVE (6) EXISTING KATHREEN - 80010736V01 ANTENNAS.
 - REMOVE (9) EXISTING NOKIA RADIOS.
 - RETAIN (3) EXISTING AMPHENOL - WXX063X19X00 ANTENNAS.
 - RETAIN (2) EXISTING 1-5/8" COAXIAL CABLES.
 - RETAIN (1) EXISTING 1/2" COAXIAL CABLES.
 - RETAIN (2) EXISTING OVP-6 BOXES.
 - RETAIN (2) EXISTING 6x12 HYBRIFLEX CABLES.
 - INSTALL (6) JMA - MXX06FR0660-03 ANTENNAS.
 - INSTALL (3) SAMSUNG - MTA607-77A ALL-IN-ONE ANTENNA/ RRU's.
 - INSTALL (3) SAMSUNG - RF4439d-25A RRU's.
 - INSTALL (3) SAMSUNG - RF4440d-13A RRU's.

PROJECT INFORMATION

SITE NAME: BETHEL EAST CT - A
 SITE ADDRESS: 62 CODFISH HILL RD
 BETHEL, CT 06801
 LESSEE/TENANT: CELCO PARTNERSHIP
 6.5.0. VERIZON WIRELESS
 20 ALEXANDER DRIVE
 WALLINGFORD, CT 06492
 CONTACT PERSON: WALTER CHARCZNSKI (CONSTRUCTION MANAGER)
 VERIZON WIRELESS
 (860) 306-1806
 ENGINEER: CENTEK ENGINEERING, INC.
 63-2 NORTH BRANFORD RD.
 BRANFORD, CT 06405
 (203) 488-0580
 PROJECT COORDINATES: LATITUDE: 41° 22' 27.444"N
 LONGITUDE: 73° 22' 25.263"W
 (COORDINATES REFERENCED FROM VERIZON WIRELESS RFDS DATED 09/25/2021)

SHEET INDEX

SHT. NO.	DESCRIPTION	REV.
T-1	TITLE SHEET	1
B-1	RF BILL OF MATERIALS	1
C-1	COMPOUND PLAN AND TOWER ELEVATION	1
C-2	ANTENNA SECTOR CONFIGURATION DETAILS	1
C-3	RF DETAILS	1
E-1	ELECTRICAL DETAILS AND SPECIFICATIONS	1

PROFESSIONAL ENGINEER SEAL

www.CentekEng.com

Centek Engineering
 63-2 North Branford Road
 Branford, CT 06405
 (203) 488-8587 Fax
 (203) 488-8587 For
 Wireless RF Details

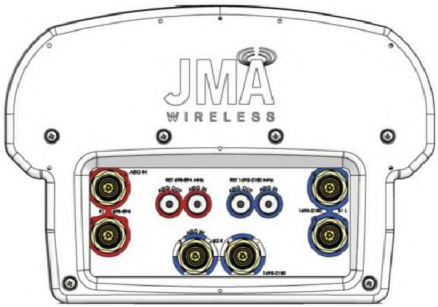
Celco Partnership d/b/a Verizon Wireless
BETHEL EAST CT - A
 62 CODFISH HILL RD
 BETHEL, CT 06801

DATE: 12/01/21
 SCALE: AS NOTED
 JOB NO. 2100772

TITLE SHEET

T-1
 Sheet No. 1 of 1

CONSTRUCTION DRAWINGS - REVISED TO REFERENCE OWNER'S TOWER 5A
 CONSTRUCTION DRAWINGS - ISSUED FOR CONSTRUCTION
 CONSTRUCTION DRAWINGS - ISSUED FOR CONSTRUCTION
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 DATE: [Date]



PLUMBING DIAGRAM NOTES:

- PORTS 1 & 2 ARE FOR LOW BAND (698-896 MHz).
- PORTS 3, 4, 5 & 6 ARE FOR HIGH BAND (1695-2360 MHz).
- SMART BIAS TEE (SBT) IS THROUGH ANTENNA PORTS 1 & 3 (1 FOR LOW BAND AND 3 FOR HIGH BAND).
- ASG CABLE IS ONLY NEEDED WHEN DRAWN IN THE DIAGRAMS ABOVE. IF IT IS NOT DRAWN THEN SBT IS ENOUGH TO CONTROL ALL RET MOTORS.
- NOT ALL SBT PORTS ARE NEEDED TO CONTROL RET. ONLY GREEN PORT CONNECTION TO GREEN PORT WILL CONTROL RET.

PLUMBING DIAGRAM COMMENTS:

- DIAGRAMS SHOW ANTENNA PORT CONFIGURATIONS AS VIEWED FROM BELOW ANTENNAS.
- ANTENNA POSITIONS ARE INDICATED AS VIEWED FROM IN FRONT OF ANTENNAS.
- CAP AND WEATHERPROOF UNUSED ANTENNA PORTS.
- ALL PLUMBING DIAGRAM COLORS ARE IRRELEVANT EXCEPT FOR ASG AND HYBRIFLEX CABLE. (FOR THE COAX COLORS, FOLLOW COAX COLORS GUIDE ABOVE)

NOTES:

- INFORMATION SHOWN HEREIN IS FOR USE BY VERIZON WIRELESS EQUIPMENT OPERATIONS.
- THIS B.O.M. DRAWING IS BASED ON FACILITY UPGRADE DESIGN DRAWINGS PREPARED BY CENTEK ENGINEERING (REV.1 DATED: 01/13/22), & VERIZON WIRELESS RF ANTENNA EQUIPMENT RECOMMENDATION (DATED 09/25/2021).

BILL OF MATERIALS		
TECHNOLOGY	QUANTITY	ANTENNA
LTE 700		
LTE 850	6	JMA ANTENNA MODEL: MX06FRO660-03
LTE PCS 1900		
LTE AWS 2100		
5G	3	SAMSUNG ANTENNA MODEL: MT6407-77A

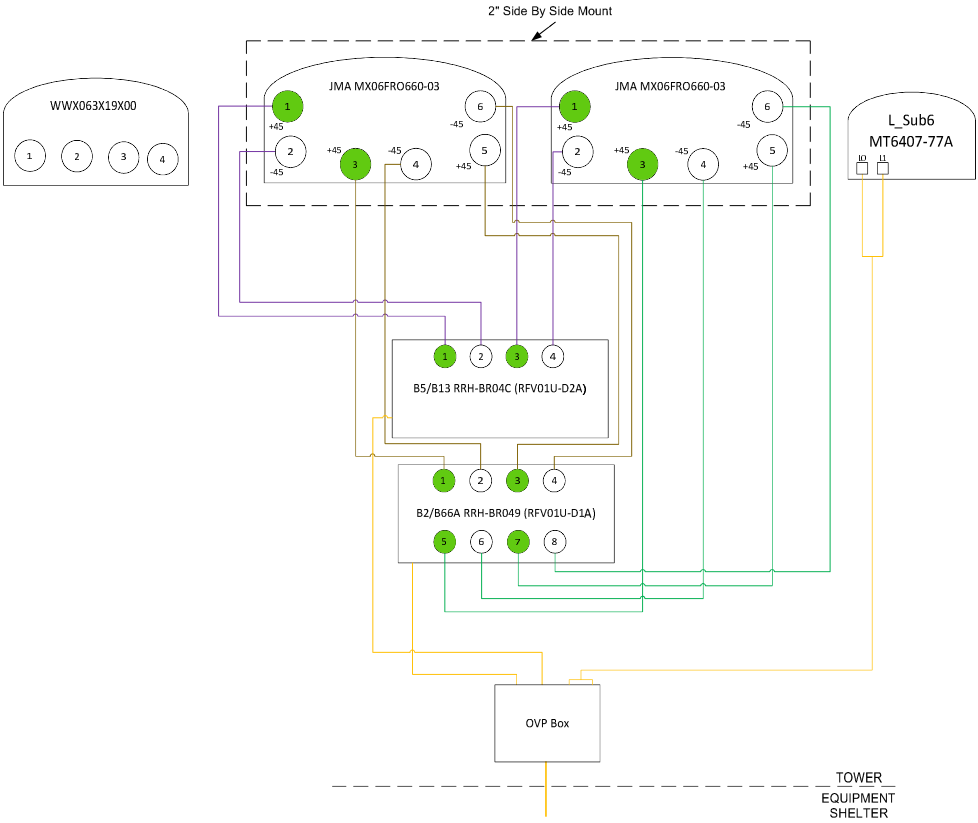
CABLES	QUANTITY	LENGTH EA	COMMENTS
-	-	-	-

RADIOS	QUANTITY	COMMENTS
LTE 700		
LTE 850	3	SAMSUNG MODEL: RF4439d-25A
LTE PCS 1900		
LTE AWS 2100	3	SAMSUNG MODEL: RF4440d-13A
5G	3	INTEGRATED INTO MT6407-77A ANTENNA

DIPLEXERS	QUANTITY	COMMENTS
-	0	-

OVP BOXES	QUANTITY	COMMENTS
-	0	-

ANTENNA MOUNT	QUANTITY	COMMENTS
SIDE-BY-SIDE MOUNTING KIT	3	COMMSCOPE MODEL: BASMNT-SBS-1-2



DATE	BY	DESCRIPTION
12/01/21	AS	ISSUED FOR CONSTRUCTION
01/13/22	AS	ISSUED FOR CONSTRUCTION
09/25/2021	AS	ISSUED FOR CLEAR REVIEW



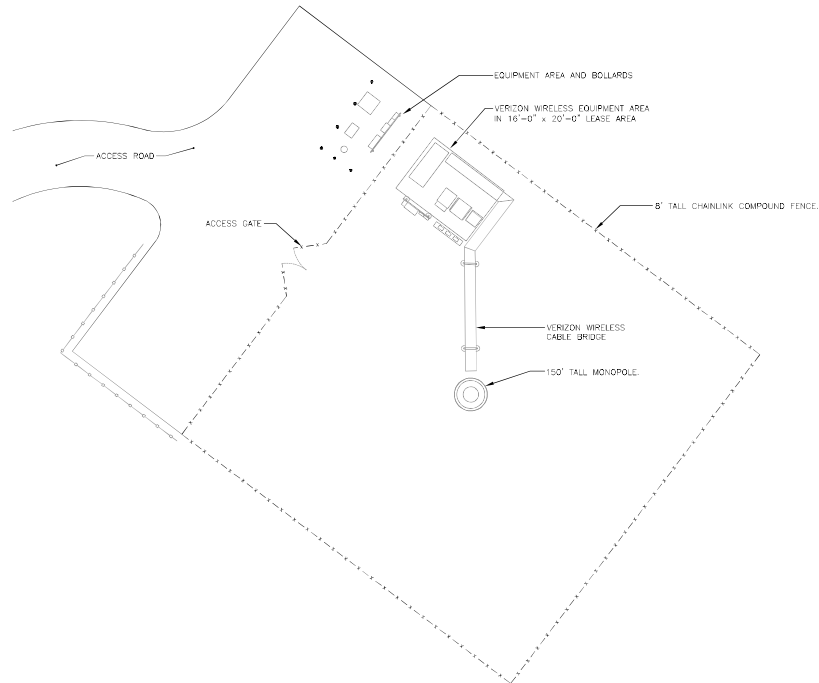
CENTEK Engineering
 12031 688-6360
 12031 688-6367 Fax
 692 North Ironwood Road
 Bethel, CT 06807
 www.CentekEng.com

Cellco Partnership d/b/a Verizon Wireless
BETHEL EAST CT - A
 692 COPPB-HILL RD
 BETHEL, CT 06807

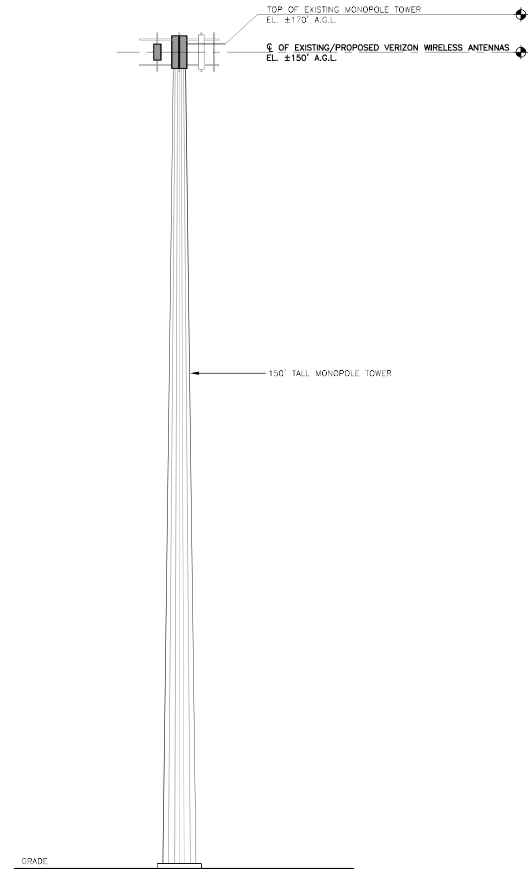
DATE: 12/01/21
 SCALE: AS NOTED
 JOB NO.: 2100772

RF BILL OF MATERIALS

STRUCTURAL ANALYSIS REFERENCE NOTE
 REFER TO PASSING TOWER STRUCTURAL ANALYSIS PREPARED FOR TARRON TOWERS II, LLC, BY MICHAEL F. PLAHOWINSAK (MFP), DATED 12/22/2021. MFP PROJECT NO. 40915-143/2, FOR ADDITIONAL INFORMATION.



1
 C-1
COMPOUND PLAN
 SCALE: 3/32" = 1'



2
 C-1
MONOPOLE TOWER ELEVATION - PROPOSED
 SCALE: 3/32" = 1'

NO.	DATE	BY	DESCRIPTION
1	07/13/22	JLD	CONSTRUCTION DRAWINGS - REVISED TO REFERENCE OWNER'S TOWER SA
2	07/10/22	JLD	CONSTRUCTION DRAWINGS - ISSUED FOR CONSTRUCTION
		JKM	CONSTRUCTION DRAWINGS - ISSUED FOR CLIENT REVIEW



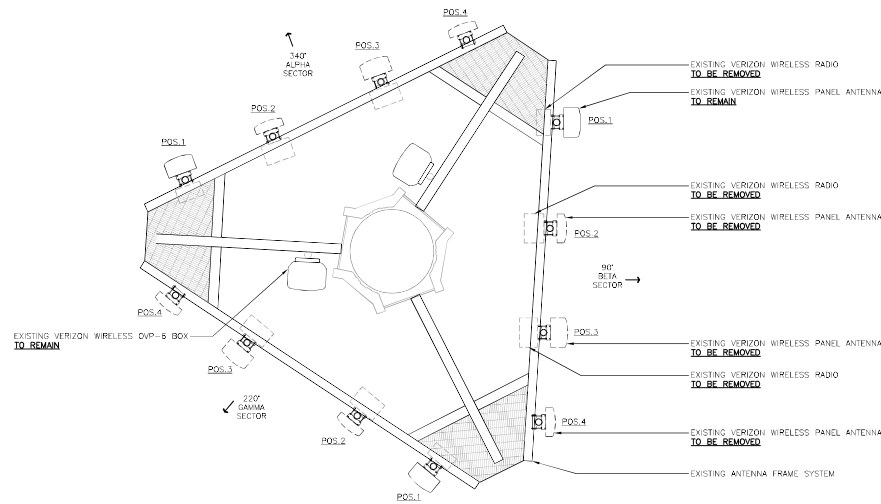
CENTEK Engineering
 Connected Solutions™
 (203) 488-6260
 (203) 488-6387 Fax
 62 North Branch Road
 Bethel, CT 06807
 www.CentekEng.com

Cellco Partnership d/b/a Verizon Wireless
BETHEL EAST CT - A
 62 CDDPB-HILL RD
 BETHEL, CT 06807

DATE: 12/01/21
 SCALE: AS NOTED
 JOB NO.: 21007.72

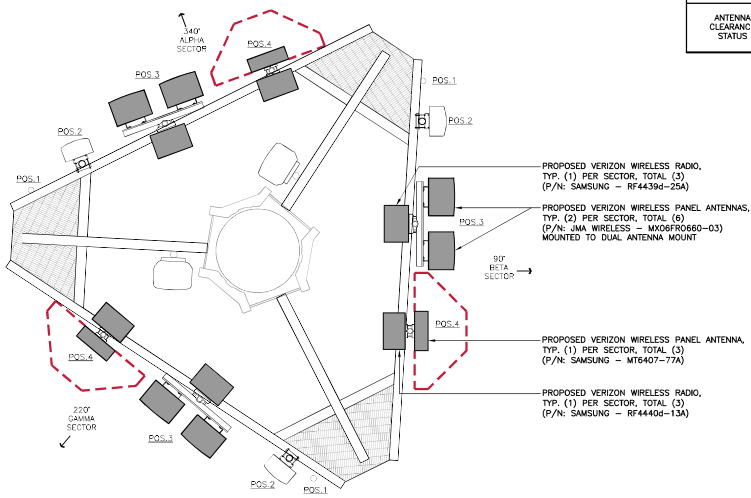
COMPOUND PLAN AND TOWER ELEVATION

EXISTING ANTENNA CONFIGURATIONS



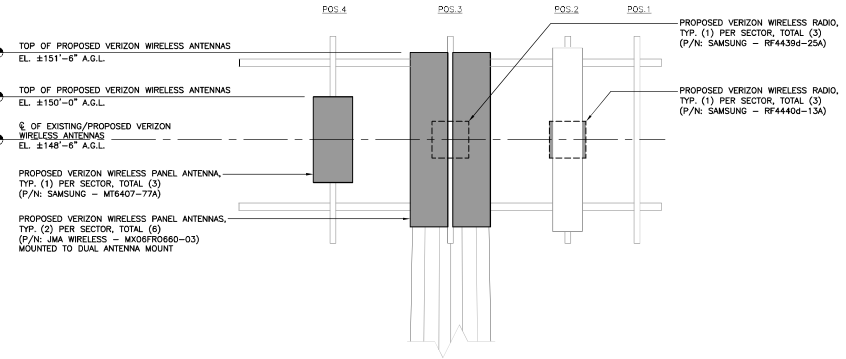
1
C-2 **EXISTING SECTOR CONFIGURATION PLAN**
SCALE: 1/2" = 1'-0"
APPROXIMATE SOUTH

PROPOSED ANTENNA CONFIGURATIONS



LEGEND		
	VERIZON WIRELESS VZ501 REQUIRED ANTENNA CLEARANCE LIMITS (PER DETAILS ON SHEET C-3)	
ANTENNA CLEARANCE STATUS	ALPHA SECTOR: COMPLIANT	BETA SECTOR: COMPLIANT
	GAMMA SECTOR: COMPLIANT	

ANTENNA MOUNT ANALYSIS NOTE:
1. REFER TO PASSING VERIZON WIRELESS MOUNT ANALYSIS REPORT PREPARED BY MASER CONSULTING CONNECTICUT DATED OCTOBER 8TH, 2021 FOR ADDITIONAL INFORMATION.



2
C-2 **PROPOSED SECTOR CONFIGURATION ELEVATION**
SCALE: 1/2" = 1'

1A
C-2 **PROPOSED SECTOR CONFIGURATION PLAN**
SCALE: 1/2" = 1'-0"
APPROXIMATE SOUTH

PROFESSIONAL ENGINEER SEAL

verizon

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Contractors & Builders
2031 664-9360
2031 668-8387 Fax
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Meriden, CT 06460
www.CenitekEng.com

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BETHEL, CT 06801

DATE: 12/01/21
SCALE: AS NOTED
JOB NO. 2100772

ANTENNA SECTOR CONFIGURATION DETAILS

C-2
Sheet No. 4 of 11



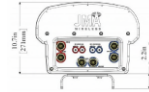
ANTENNA FRONT

SECTOR ANTENNA		
EQUIPMENT	DIMENSIONS	WEIGHT
MAKE: SAMSUNG MODEL: M18407-77A	35.1"H x 16.1"W x 5.5"D (NOT TO EXCEED)	87 LBS. (NOT TO EXCEED)
CLEARANCES AND SERVICE AREA		
TOP:	31.5"	HORIZONTAL DISTANCE: (ANT. TO ANT.) 31.5"
FRONT, SIDES & BOTTOM:	15.7"	VERTICAL DISTANCE: (ANT. TO ANT.) 63.0"
NOTES: 1. THIS ANTENNA HAS ITS OWN BUILT-IN RRH.		

1 ANTENNA DETAIL
C-3 NOT TO SCALE



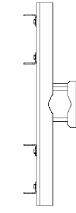
ELEVATION - ISOMETRIC



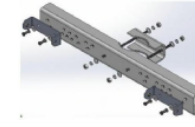
BOTTOM

8-PORT SECTOR ANTENNA		
EQUIPMENT	DIMENSIONS	WEIGHT
MAKE: JMA MODEL: MX06FR0660-03	71.3"L x 15.4"W x 10.7"D	60.0 LBS. (W/OUT MOUNT KIT)

2 ANTENNA DETAIL
C-3 NOT TO SCALE



PLAN VIEW



ANTENNA MOUNT ISOMETRIC

DUAL ANTENNA MOUNTING KIT	
EQUIPMENT	DESCRIPTION
MOUNT MAKE: JMA MODEL: 919003314	<ul style="list-style-type: none"> SIDE-BY-SIDE MOUNTING KIT, ACCOMMODATES (2) COMPATIBLE ANTENNAS 2 BRACKETS REQUIRED FOR 4'-6' ANTENNAS 3 BRACKETS REQUIRED FOR 6'-8' ANTENNAS

3 DUAL ANTENNA MOUNT DETAIL
C-3 NOT TO SCALE



RRU - ISOMETRIC

DUAL BAND RRU (REMOTE RADIO UNIT)			
EQUIPMENT	BANDS	DIMENSIONS	WEIGHT
MAKE: SAMSUNG MODEL: RF4439d-25A	B25: PCS (1900 MHz) B66: AWS (2100 MHz)	15.0"H x 15.0"W x 10.0"D	74.7 LBS.
NOTES: 1. CONTRACTOR TO COORDINATE FINAL EQUIPMENT MODEL SELECTION WITH VERIZON WIRELESS CONSTRUCTION MANAGER PRIOR TO ORDERING.			

4 DUAL-BAND AWS/PCS MACRO RADIO UNIT DETAIL
C-3 NOT TO SCALE



RRU - ISOMETRIC

DUAL BAND RRU (REMOTE RADIO UNIT)			
EQUIPMENT	BANDS	DIMENSIONS	WEIGHT
MAKE: SAMSUNG MODEL: RF440d-13A	B5: 850 MHz B13: 700 MHz	15.0"H x 15.0"W x 9.0"D	70.3 LBS.
NOTES: 1. CONTRACTOR TO COORDINATE FINAL EQUIPMENT MODEL SELECTION WITH VERIZON WIRELESS CONSTRUCTION MANAGER PRIOR TO ORDERING.			

5 DUAL-BAND 700/850 MHZ MACRO RADIO UNIT DETAIL
C-3 NOT TO SCALE

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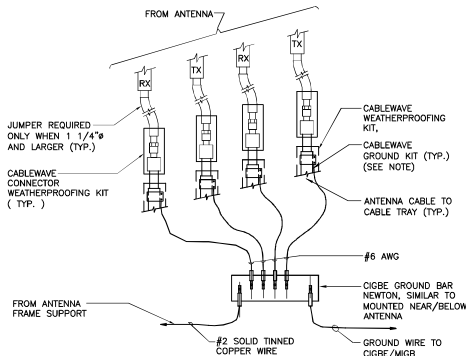
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BETHEL, CT 06801

DATE: 12/01/21
SCALE: AS NOTED
JOB NO. 2100772

RF DETAILS

C-3
Sheet No. 5 of 5

CONSTRUCTION DRAWINGS - ISSUED TO REFERENCE OWNER'S TOWER SA
CONSTRUCTION DRAWINGS - ISSUED FOR CONSTRUCTION
CONSTRUCTION DRAWINGS - ISSUED FOR CLEAR REVIEW
DRAWN BY: [REDACTED] DATE: [REDACTED]
REV: [REDACTED]



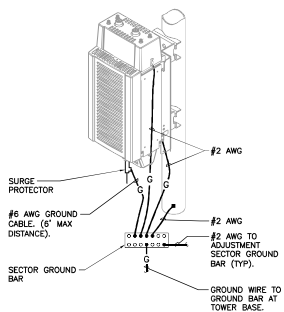
NOTES

- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO CIGBE

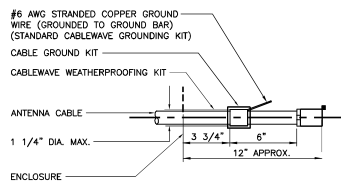
1 CONNECTION OF GROUND WIRES TO GROUND BAR
NOT TO SCALE

EACH RRH CABINET SHALL BE GROUNDED IN THE FOLLOWING MANNER:

- AT TOP OF THE CABINET
- AT RIGHT SIDE OF THE CABINET.



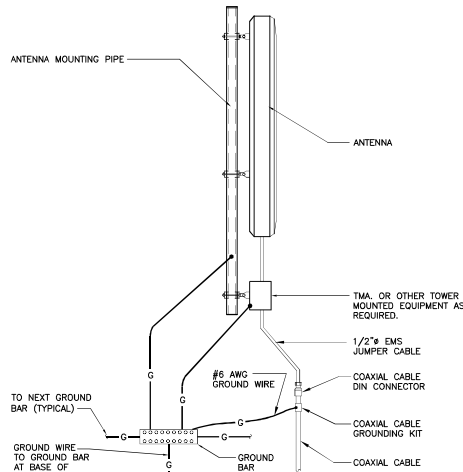
2 RRH POLE MOUNT GROUNDING
NOT TO SCALE



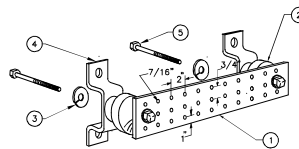
NOTES

- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.

3 ANTENNA CABLE GROUNDING DETAIL
NOT TO SCALE



4 TYPICAL ANTENNA GROUNDING DETAIL
NOT TO SCALE



NOTES

- TINNED COPPER GROUND BAR, 1/4" x 4" x 20", NEWTON INSTRUMENT CO. HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION.
- INSULATORS, NEWTON INSTRUMENT CAT. NO. 3061-4.
- 5/8" LOCK WASHERS, NEWTON INSTRUMENT CO. CAT. NO. 3015-8.
- WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO. CAT. NO. A-6056.
- 5/8-11 x 1" STAINLESS STEEL TRUSS SPANNER MACHINE SCREWS.

5 GROUND BAR DETAIL
NOT TO SCALE

ELECTRICAL SPECIFICATIONS

SECTION 16010

1.01. SCOPE OF WORK

A. WORK SHALL INCLUDE ALL LABOR, EQUIPMENT AND SERVICES REQUIRED TO COMPLETE (MAKE READY FOR OPERATION) ALL THE ELECTRICAL WORK INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

1. CELLULAR GROUNDING SYSTEMS CONSISTING OF ANTENNA GROUNDING, GROUND BARS, ETC.

1.02. GENERAL REQUIREMENTS

A. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE MADE IN STRICT ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES AND REGULATIONS WHICH MAY APPLY AND NOTHING IN THE DRAWINGS OR SPECIFICATIONS SHALL BE INTERPRETED AS AN INFRINGEMENT OF SUCH CODES OR REGULATIONS.

B. THE ELECTRICAL CONTRACTOR IS TO BE RESPONSIBLE FOR THE COMPLETE INSTALLATION AND COORDINATION OF THE ENTIRE ELECTRICAL SERVICE. ALL ACTIVITIES TO BE COORDINATED THROUGH OWNERS REPRESENTATIVE, DESIGN ENGINEER AND OTHER AUTHORITIES HAVING JURISDICTION OF TRADES.

C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND PAY ALL FEES THAT MAY BE REQUIRED FOR THE ELECTRICAL WORK AND FOR SCHEDULING OF ALL INSPECTIONS THAT MAY BE REQUIRED BY THE LOCAL AUTHORITY.

D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE BUILDING OWNER FOR NEW AND/OR DEMOLITION WORK INVOLVED.

E. NO MATERIAL OTHER THAN THAT CONTAINED IN THE "LATEST LIST OF ELECTRICAL FITTINGS" APPROVED BY THE UNDERWRITERS' LABORATORIES, SHALL BE USED IN ANY PART OF THE WORK. ALL MATERIAL FOR WHICH LABEL SERVICE HAS BEEN ESTABLISHED SHALL BEAR THE U.L. LABEL.

F. THE CONTRACTOR SHALL GUARANTEE ALL NEW WORK FOR A PERIOD OF ONE YEAR FROM THE ACCEPTANCE DATE BY THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WARRANTIES FROM ALL EQUIPMENT MANUFACTURERS FOR SUBMISSION TO THE OWNER.

G. DRAWINGS INDICATE GENERAL ARRANGEMENT OF WORK INCLUDED IN CONTRACT. CONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE MODIFICATIONS TO THE LAYOUT OF THE WORK TO PREVENT CONFLICT WITH WORK OF OTHER TRADES AND FOR THE PROPER INSTALLATION OF WORK. CHECK ALL DRAWINGS AND VISIT JOB SITE TO VERIFY SPACE AND TYPE OF EXISTING CONDITIONS IN WHICH WORK WILL BE DONE, PRIOR TO SUBMITTAL OF BID.

H. THE ELECTRICAL CONTRACTOR SHALL SUPPLY THREE (3) COMPLETE SETS OF APPROVED DRAWINGS, ENGINEERING DATA SHEETS, MAINTENANCE AND OPERATING INSTRUCTION MANUALS FOR ALL SYSTEMS AND THEIR RESPECTIVE EQUIPMENT. THESE MANUALS SHALL BE INSERTED IN VINYL COVERED 3-RING BINDERS AND TURNED OVER TO OWNERS REPRESENTATIVE ONE (1) WEEK PRIOR TO FINAL PUNCH LIST.

I. ALL WORK SHALL BE INSTALLED IN A NEAT AND WORKMAN LIKE MANNER AND WILL BE SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE.

J. ALL EQUIPMENT AND MATERIALS TO BE INSTALLED SHALL BE NEW, UNLESS OTHERWISE NOTED.

K. BEFORE FINAL PAYMENT, THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF PRINTS (AS-BUILTS), LEGIBLY MARKED IN RED PENCIL TO SHOW ALL CHANGES FROM THE ORIGINAL PLANS.

L. ENTIRE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH OWNER'S SPECIFICATIONS, AND REQUIREMENTS OF ALL LOCAL AUTHORITIES HAVING JURISDICTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH APPROPRIATE INDIVIDUALS TO OBTAIN ALL SUCH SPECIFICATIONS AND REQUIREMENTS. NOTHING CONTAINED IN, OR OMITTED FROM, THESE DOCUMENTS SHALL RELIEVE CONTRACTOR FROM THIS OBLIGATION.

SECTION 16450

1.01. GROUNDING

A. ALL NON-CURRENT CARRYING PARTS OF THE ELECTRICAL AND TELEPHONE CONDUIT SYSTEMS SHALL BE MECHANICALLY AND ELECTRICALLY CONNECTED TO PROVIDE AN INDEPENDENT RETURN PATH TO THE EQUIPMENT GROUNDING SOURCES.

B. GROUNDING SYSTEM WILL BE IN ACCORDANCE WITH THE LATEST ACCEPTABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS PER LOCAL INSPECTOR HAVING JURISDICTION.

C. EQUIPMENT GROUNDING CONDUCTOR:

1. EACH EQUIPMENT GROUND CONDUCTOR SHALL BE SIZED IN ACCORDANCE WITH THE N.E.C. ARTICLE 250-122.

2. THE MINIMUM SIZE OF EQUIPMENT GROUND CONDUCTOR SHALL BE #12 AWG COPPER.

D. CELLULAR GROUNDING SYSTEM:

PROVIDE THE CELLULAR GROUNDING SYSTEM AS SPECIFIED ON DRAWINGS, INCLUDING, BUT NOT LIMITED TO:

- GROUND BARS
- ANTENNA GROUND CONNECTIONS AND PLATES.

E. ALL EQUIPMENT SHALL BE BONDED TO GROUND AS REQUIRED BY N.E.C., MFG. SPECIFICATIONS, AND OWNER'S SPECIFICATIONS.

NO.	DATE	BY	DESCRIPTION
1	07/13/22	ALD	CONSTRUCTION DRAWINGS - REVISED TO REFERENCE OWNER'S TOWER 5A
0	07/10/22	ALD	CONSTRUCTION DRAWINGS - ISSUED FOR CONSTRUCTION
0	07/10/22	ALD	CONSTRUCTION DRAWINGS - ISSUED FOR CLIENT REVIEW

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62 COPFBH-HILL RD
BETHEL, CT 06807

DATE: 12/01/21
SCALE: AS NOTED
JOB NO. 2100772

ELECTRICAL
DETAILS AND
SPECIFICATIONS

E-1
Sheet No. 1 of 1

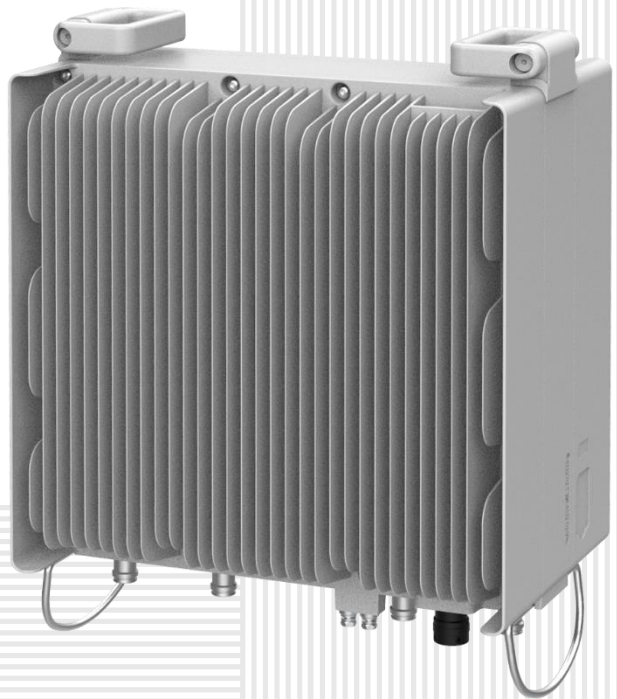
SAMSUNG

700/850MHZ MACRO RADIO

DUAL-BAND AND HIGH POWER
FOR MACRO COVERAGE

Samsung's future proof dual-band radio is designed to help effectively increase the coverage areas in wireless networks. This 700/850MHz 4T4R dual-band radio has 4Tx/4Rx to 2Tx/2Rx RF chains options and a total output power of 320W, making it ideal for macro sites.

Model Code RF4440d-13A



Homepage
samsungnetworks.com

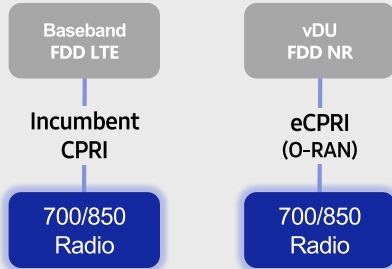


Youtube
www.youtube.com/samsung5g

Points of Differentiation

Continuous Migration

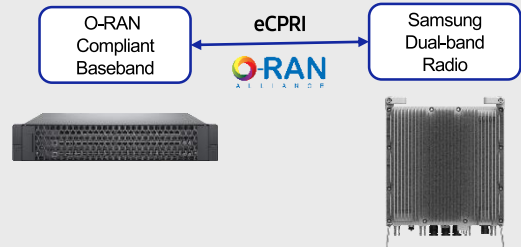
Samsung's 700/850MHz macro radio can support each incumbent CPRI interface as well as an advanced eCPRI interface. This feature provides installable options for both legacy LTE networks and added NR networks.



O-RAN Compliant

A standardized O-RAN radio can help when implementing cost-effective networks because it is capable of sending more data without compromising additional investments.

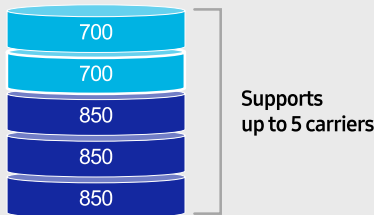
Samsung's state-of-the-art O-RAN technology will help accelerate the effort toward constructing a solid O-RAN ecosystem.



Optimum Spectrum Utilization

The number of required carriers varies according to site (region). The ability to support many carriers is essential for using all frequencies that the operator has available.

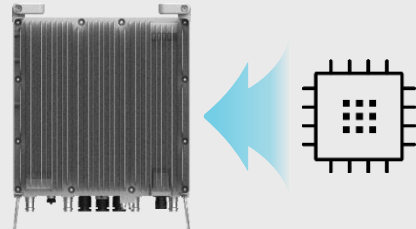
The new 700/850MHz dual-band radio can support up to 2 carriers in the B13 (700MHz) band and 3 carriers in the B5 (850MHz) band, respectively.



Secured Integrity

Access to sensitive data is allowed only to authorized software.

The Samsung radio's CPU can protect root of trust, which is credential information to verify SW integrity, and secure storage provides access control to sensitive data by using dedicated hardware (TPM).



Technical Specifications

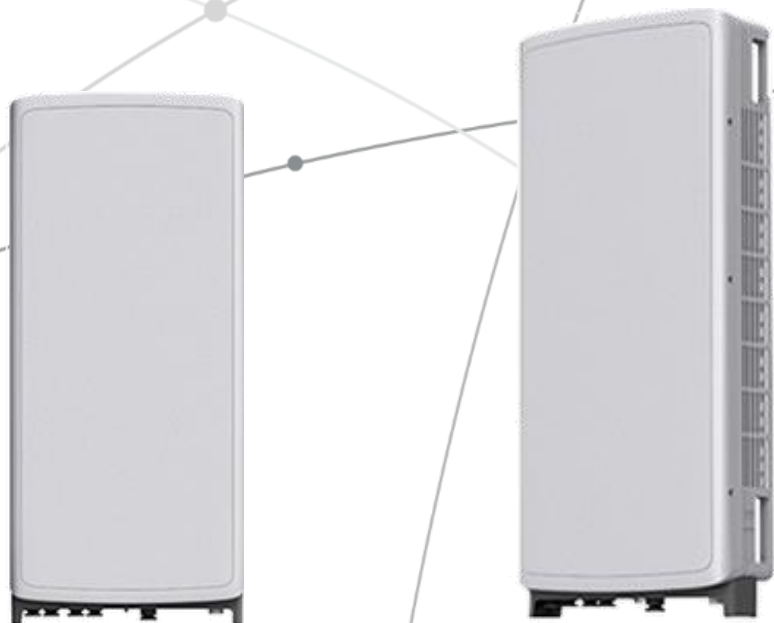
Item	Specification
Tech	LTE / NR
Brand	B13(700MHz), B5(850MHz)
Frequency Band	DL: 746 – 756MHz, UL: 777 – 787MHz DL: 869 – 894MHz, UL: 824 – 849MHz
RF Power	(B13) 4 × 40W or 2 × 60W (B5) 4 × 40W or 2 × 60W
IBW/OBW	(B13) 10MHz / 10MHz (B5) 25MHz / 25MHz
Installation	Pole, Wall
Size/Weight	14.96 x 14.96 x 9.05inch (33.2L) / 70.33 lb

SAMSUNG C-Band 64T64R Massive MIMO Radio

for High Capacity and Wide Coverage

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

Model Code : MT6407-77A



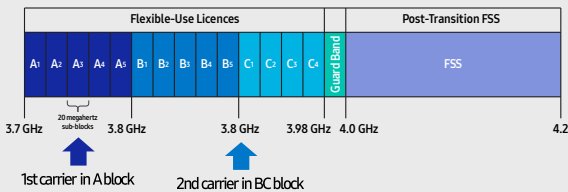
Points of Differentiation

Wide Bandwidth

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

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

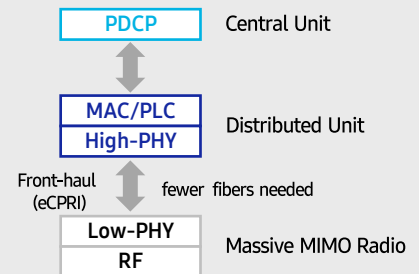
C-Band spectrum supported by Massive MIMO Radio



Future Proof Product

Samsung C-Band 64T64R Massive MIMO radio supports not only CPRI but also eCPRI as front-haul interface.

It enables operators can cut down on OPEX/CAPEX by reducing front-haul bandwidth through low layer split and using ethernet based higher efficient line.

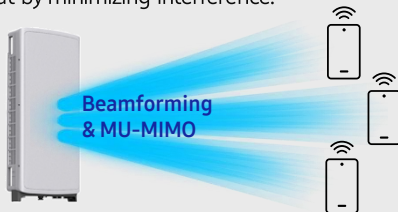


Enhanced Performance

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

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

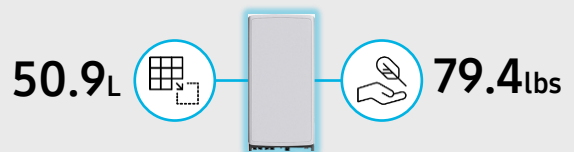
Furthermore, as C-Band massive MIMO Radio supports MU-MIMO (Multi-user MIMO), it enables to increase user throughput by minimizing interference.



Well Matched Design

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

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



Technical Specifications

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

The Samsung logo is positioned in the top right corner. The background features several thin, light gray curved lines that intersect to form a series of overlapping, abstract shapes, creating a sense of depth and movement.

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

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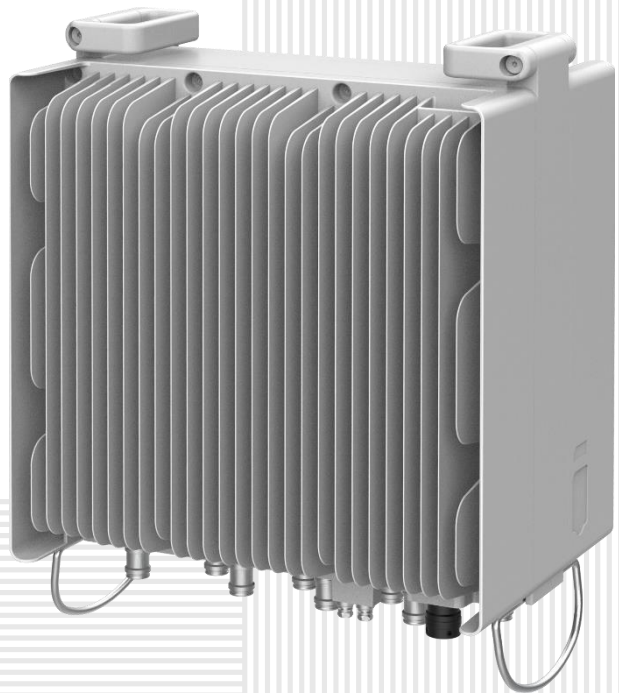
SAMSUNG

AWS/PCS MACRO RADIO

DUAL-BAND AND HIGH POWER
FOR MACRO COVERAGE

Samsung's future proof dual-band radio is designed to help effectively increase the coverage areas in wireless networks. This AWS/PCS 4T4R dual-band radio has 4Tx/4Rx to 2Tx/2Rx RF chains options and a total output power of 320W, making it ideal for macro sites.

Model Code RF4439d-25A



Homepage
samsungnetworks.com

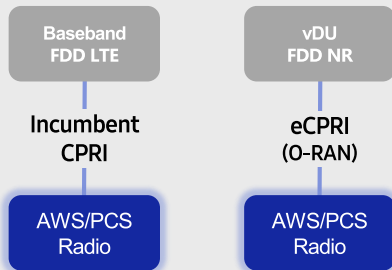


Youtube
www.youtube.com/samsung5g

Points of Differentiation

Continuous Migration

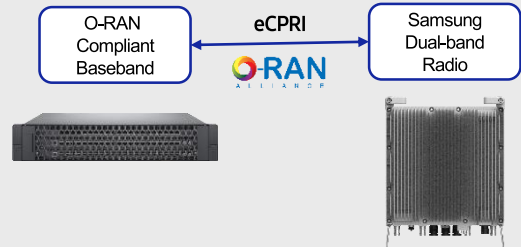
Samsung's AWS/PCS macro radio can support each incumbent CPRI interface as well as advanced eCPRI interfaces. This feature provides installable options for both legacy LTE networks and added NR networks.



O-RAN Compliant

A standardized O-RAN radio can help in implementing cost-effective networks, which are capable of sending more data without compromising additional investments.

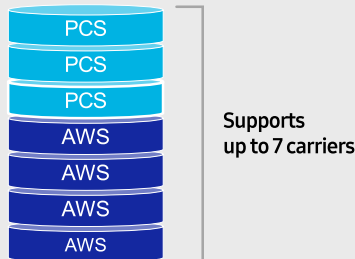
Samsung's state-of-the-art O-RAN technology will help accelerate the effort toward constructing a solid O-RAN ecosystem.



Optimum Spectrum Utilization

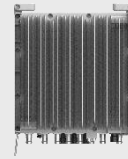
The number of required carriers varies according to site (region). Supporting many carriers is essential for using all frequencies that the operator has available.

The new AWS/PCS dual-band radio can support up to 3 carriers in the PCS (1.9GHz) band and 4 carriers in the AWS (2.1GHz) band, respectively.



Brand New Features in a Compact Size

Samsung's AWS/PCS macro radio offers several features, such as dual connectivity for baseband for both CDU and vDU, O-RAN capability, more carriers and an enlarged PCS spectrum, combined into an incumbent radio volume of 36.8L.



- 2 FH connectivity
- O-RAN capability
- More carriers and spectrum

Same as an incumbent radio volume

Technical Specifications

Item	Specification
Tech	LTE / NR
Brand	B25(PCS), B66(AWS)
Frequency Band	DL: 1930 – 1995MHz, UL: 1850 – 1915MHz DL: 2110 – 2200MHz, UL: 1710 – 1780MHz
RF Power	(B25) 4 × 40W or 2 × 60W (B66) 4 × 60W or 2 × 80W
IBW/OBW	(B25) 65MHz / 30MHz (B66) DL 90MHz, UL 70MHz / 60MHz
Installation	Pole, Wall
Size/Weight	14.96 x 14.96 x 10.04inch (36.8L) / 74.7lb

SAMSUNG

700/850MHZ MACRO RADIO

DUAL-BAND AND HIGH POWER
FOR MACRO COVERAGE

Samsung's future proof dual-band radio is designed to help effectively increase the coverage areas in wireless networks. This 700/850MHz 4T4R dual-band radio has 4Tx/4Rx to 2Tx/2Rx RF chains options and a total output power of 320W, making it ideal for macro sites.

Model Code RF4440d-13A



Homepage
samsungnetworks.com

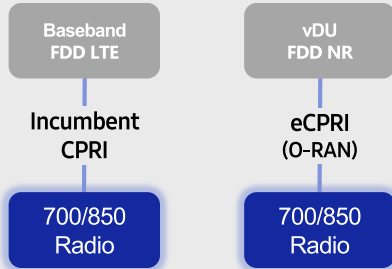


Youtube
www.youtube.com/samsung5g

Points of Differentiation

Continuous Migration

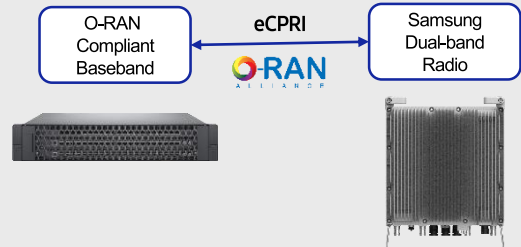
Samsung's 700/850MHz macro radio can support each incumbent CPRI interface as well as an advanced eCPRI interface. This feature provides installable options for both legacy LTE networks and added NR networks.



O-RAN Compliant

A standardized O-RAN radio can help when implementing cost-effective networks because it is capable of sending more data without compromising additional investments.

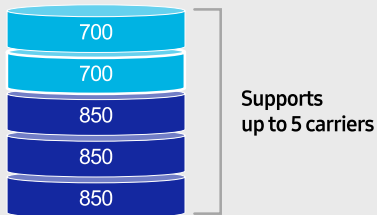
Samsung's state-of-the-art O-RAN technology will help accelerate the effort toward constructing a solid O-RAN ecosystem.



Optimum Spectrum Utilization

The number of required carriers varies according to site (region). The ability to support many carriers is essential for using all frequencies that the operator has available.

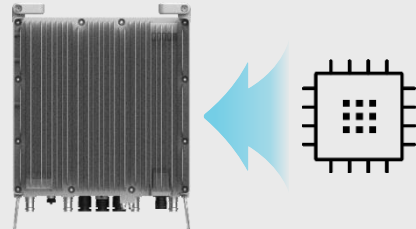
The new 700/850MHz dual-band radio can support up to 2 carriers in the B13 (700MHz) band and 3 carriers in the B5 (850MHz) band, respectively.



Secured Integrity

Access to sensitive data is allowed only to authorized software.

The Samsung radio's CPU can protect root of trust, which is credential information to verify SW integrity, and secure storage provides access control to sensitive data by using dedicated hardware (TPM).



Technical Specifications

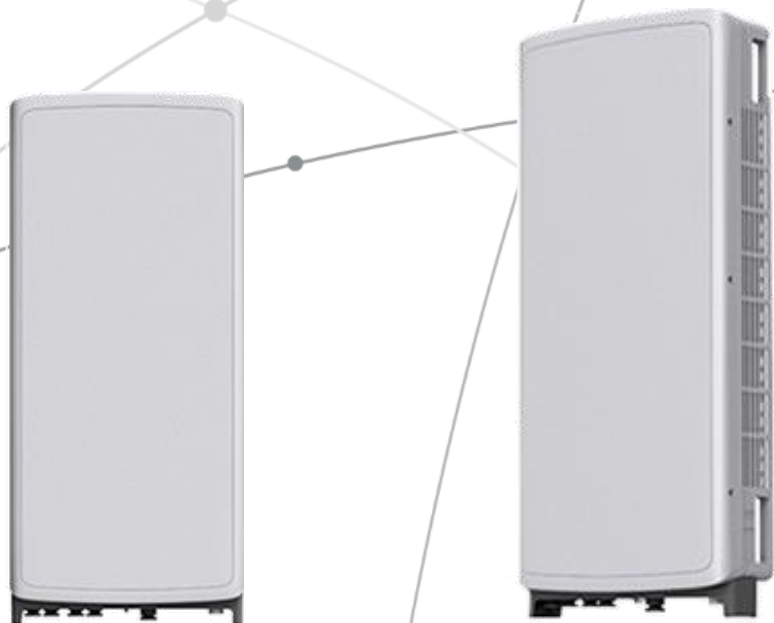
Item	Specification
Tech	LTE / NR
Brand	B13(700MHz), B5(850MHz)
Frequency Band	DL: 746 – 756MHz, UL: 777 – 787MHz DL: 869 – 894MHz, UL: 824 – 849MHz
RF Power	(B13) 4 × 40W or 2 × 60W (B5) 4 × 40W or 2 × 60W
IBW/OBW	(B13) 10MHz / 10MHz (B5) 25MHz / 25MHz
Installation	Pole, Wall
Size/Weight	14.96 x 14.96 x 9.05inch (33.2L) / 70.33 lb

SAMSUNG C-Band 64T64R Massive MIMO Radio

for High Capacity and Wide Coverage

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

Model Code : MT6407-77A



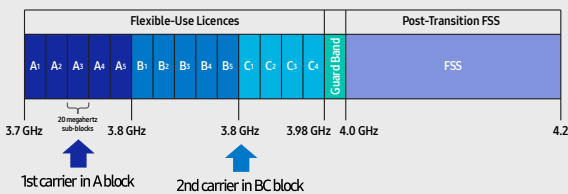
Points of Differentiation

Wide Bandwidth

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

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

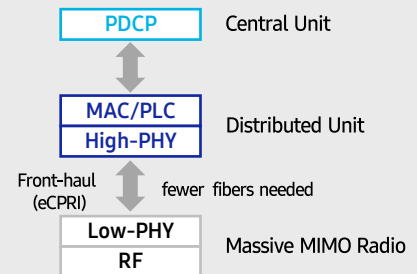
C-Band spectrum supported by Massive MIMO Radio



Future Proof Product

Samsung C-Band 64T64R Massive MIMO radio supports not only CPRI but also eCPRI as front-haul interface.

It enables operators can cut down on OPEX/CAPEX by reducing front-haul bandwidth through low layer split and using ethernet based higher efficient line.

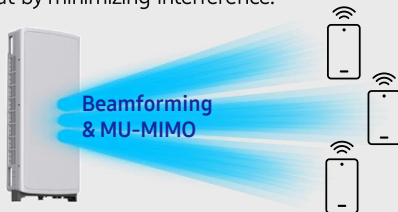


Enhanced Performance

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

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

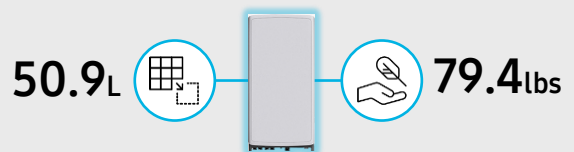
Furthermore, as C-Band massive MIMO Radio supports MU-MIMO (Multi-user MIMO), it enables to increase user throughput by minimizing interference.



Well Matched Design

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

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



Technical Specifications

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

The Samsung logo is positioned in the top right corner. The background features several thin, light gray curved lines that sweep across the page, creating a sense of motion and connectivity. There are also a few small, solid gray dots scattered across the page, some of which appear to be at the intersections of the curved lines.

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

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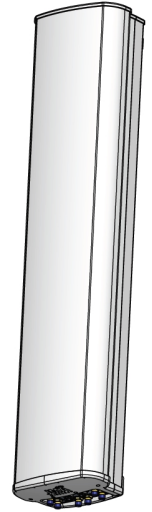
MX06FRO660-03

NWAV™ X-Pol Hex-Port Antenna

X-Pol Hex-Port 6 ft 60° Fast Roll Off antenna with independent tilt on 700 & 850 MHz:

2 ports 698-798, 824-894 MHz and 4 ports 1695-2180 MHz

- Fast Roll Off (FRO™) azimuth beam pattern improves Intra- and Inter-cell SINR
- Compatible with dual band 700/850 MHz radios with independent low band EDT without external diplexers
- Fully integrated (iRETs) with independent RET control for low and high bands for ease of network optimization
- SON-Ready array spacing supports beamforming capabilities
- Suitable for LTE/CDMA/PCS/UMTS/GSM air interface technologies
- Integrated Smart Bias-Ts reduce leasing costs



NWAV™

Fast Roll-Off antennas increase data throughput without compromising coverage

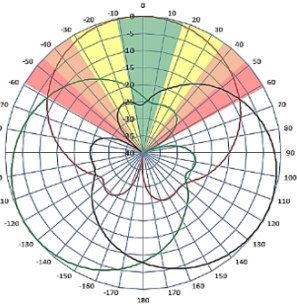
The horizontal beam produced by Fast Roll-Off (FRO) technology increases the Signal to Interference & Noise Ratio (SINR) by eliminating overlap between sectors.

Non-FRO antenna

Large traditional antenna pattern overlap creates harmful interference.

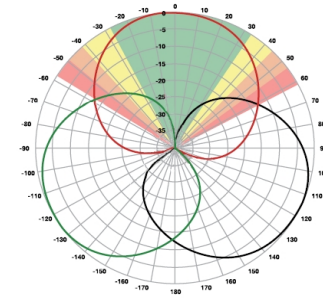
JMA's FRO antenna pattern minimizes overlap, thereby minimizing interference.

JMA FRO antenna



LTE throughput	SINR	Speed (bps/Hz)	Speed increase	CQI
Excellent	>18	>4.5	333+%	8-10
Good	15-18	3.3-4.5	277%	6-7
Fair	10-15	2-3.3	160%	4-6
Poor	<10	<2	0%	1-3

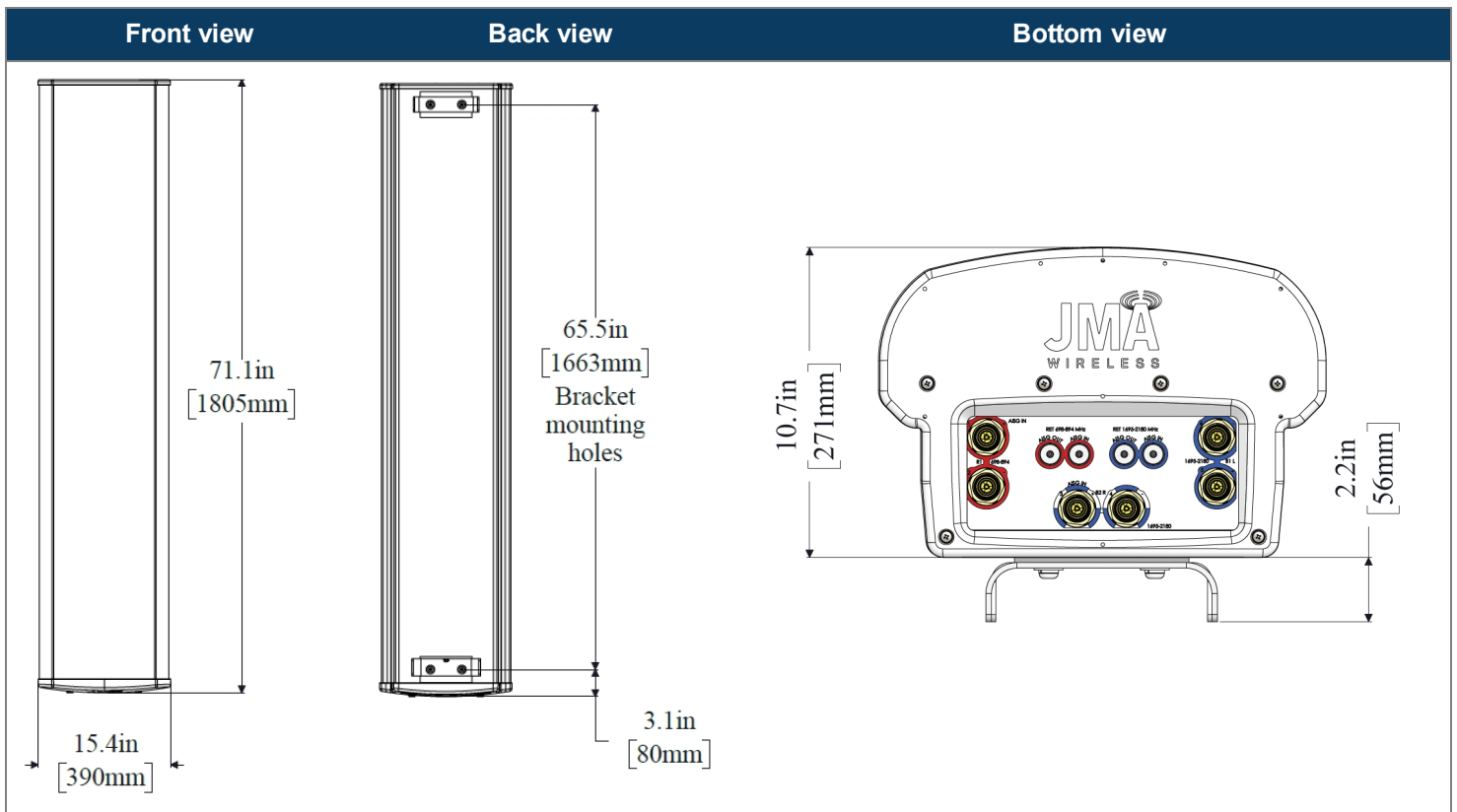
The LTE radio automatically selects the best throughput based on measured SINR.



Electrical specification (minimum/maximum)	Ports 1, 2		Ports 3, 4, 5, 6		
	Frequency bands, MHz	698-798	824-894	1695-1880	1850-1990
Polarization	± 45°		± 45°		
Average gain over all tilts, dBi	14.4	14.0	17.6	18.0	18.2
Horizontal beamwidth (HBW), degrees	60.5	53.0	55.0	55.0	55.5
Front-to-back ratio, co-polar power @180°± 30°, dB	>24	>24.0	>25.0	>25.0	>25.0
X-Pol discrimination (CPR) at boresight, dB	>15.0	>14.2	>18	>18	>15
Sector power ratio, percent	<3.5	<3.0	<3.7	<3.8	<3.6
Vertical beamwidth (VBW), degrees ¹	13.1	11.8	6.0	5.5	5.5
Electrical downtilt (EDT) range, degrees	2-14	2-14	0-9		
First upper side lobe (USLS) suppression, dB ¹	≤-15.0	≤-16.5	≤-16.0	≤-16.0	≤-16.0
Cross-polar isolation, port-to-port, dB ¹	25	25	25	25	25
Max VSWR / return loss, dB	1.5:1 / -14.0		1.5:1 / -14.0		
Max passive intermodulation (PIM), 2x20W carrier, dBc	-153		-153		
Max input power per any port, watts	300		250		
Total composite power all ports, watts	1500				

¹ Typical value over frequency and tilt

Mechanical specifications	
Dimensions height/width/depth, inches (mm)	71.3/ 15.4/ 10.7 (1811/ 392/ 273)
Shipping dimensions length/width/height, inches (mm)	82/ 20/ 15 (2083/ 508/ 381)
No. of RF input ports, connector type, and location	6 x 4.3-10 female, bottom
RF connector torque	96 lbf-in (10.85 N·m or 8 lbf-ft)
Net antenna weight, lb (kg)	60 (27.0)
Shipping weight, lb (kg)	90 (41.0)
Antenna mounting and downtilt kit included with antenna	91900318
Net weight of the mounting and downtilt kit, lb (kg)	18 (8.18)
Range of mechanical up/down tilt	-2° to 14°
Rated wind survival speed, mph (km/h)	150 (241)
Frontal, lateral, and rear wind loading @ 150 km/h, lbf (N)	154 (685), 73 (325), 158 (703)
Equivalent flat plate @ 100 mph and Cd=2, sq ft	2.6



Ordering information	
Antenna model	Description
MX06FRO660-03	6F X-Pol HEX FRO 60° independent tilt 700/850 RET, 4.3-10 & SBT
Optional accessories	
AISG cables	M/F cables for AISG connections
PCU-1000 RET controller	Stand-alone controller for RET control and configurations

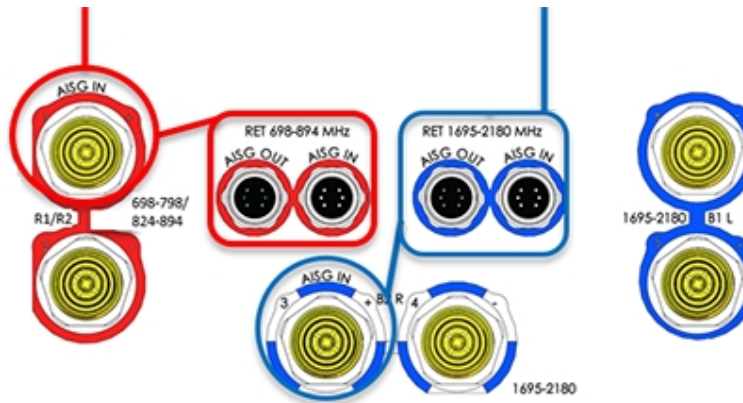
Remote electrical tilt (RET 1000) information	
RET location	Integrated into antenna
RET interface connector type	8-pin AISG connector per IEC 60130-9
RET connector torque	Min 0.5 N·m to max 1.0 N·m (hand pressure & finger tight)
RET interface connector quantity	2 pairs of AISG male/female connectors
RET interface connector location	Bottom of the antenna
Total no. of internal RETs (low bands)	2
Total no. of internal RETs (high bands)	1
RET input operating voltage, vdc	10-30
RET max power consumption, idle state, W	≤ 2.0
RET max power consumption, normal operating conditions, W	≤ 13.0
RET communication protocol	AISG 2.0 / 3GPP

RET and RF connector topology

Each RET device can be controlled either via the designated external AISG connector or RF port as shown below:

RET device	Band	RF port
R1	698-798	1-2
R2	824-894	1-2

RET device	Band	RF port
B1/B2	1695-2180	3-6



Array topology

3 sets of radiating arrays R1/R2: 698-894 MHz B1: 1695-2180 MHz B2: 1695-2180 MHz	<table border="1"> <thead> <tr> <th>Band</th> <th>RF port</th> </tr> </thead> <tbody> <tr> <td>1695-2180</td> <td>3-4</td> </tr> <tr> <td>698-894</td> <td>1-2</td> </tr> <tr> <td>1695-2180</td> <td>5-6</td> </tr> </tbody> </table>	Band	RF port	1695-2180	3-4	698-894	1-2	1695-2180	5-6	
	Band	RF port								
1695-2180	3-4									
698-894	1-2									
1695-2180	5-6									

ATTACHMENT 3

ATTACHMENT 4

Structural Analysis 150-ft Monopole

Prepared For:
Tarpon Towers II, LLC
8916 77th Terrace East, Suite 103
Lakewood Ranch, FL 34202

MFP Project #40915-143 r2

Site Location:
CT1155 Bethel
Dish Site# NJJER01156A
Fairfield Co., CT
Lat/Long: 41°22'31", -73°22'56"

Analysis Type:
ANSI/TIA-222-G
Structure Rating - 34.8% (Anchor Rods) Passing

December 22, 2021



12.22.2021

Michael F. Plahovinsak, P.E.
18301 State Route 161 W, Plain City, OH 43064
614-398-6250 - mike@mfpeng.com

Project Summary:

I have completed a structural analysis of the existing monopole for the following new configuration:

- 150' – Verizon:
 - (6) JMA MX06FRO660-03 Antennas
 - (3) Amphenol WWX063X19X00 Antennas
 - (3) Samsung MT6407-77A Antennas
 - (6) Samsung RF4439d-25A (3 Installed, 3 Reserved)
 - (6) Samsung RF4440d-13A (3 Installed, 3 Reserved)
 - (2) Raycap RRFDC-3315-PF-48
 - (2) 1 5/8" + (12) 1/2" + (2) 6x12 Hybrid
 - Low Profile Platform

The pole has been analyzed in accordance with the requirements of the International Building Code per IBC section 3108, and the recommendations of the Telecommunications Industry Association “*Structural Standard for Steel Antenna Supporting Structures*” **ANSI/TIA-222-G**.

This analysis may be considered a “Rigorous Structural Analysis” as defined in ANSI/TIA-222-G 15.5.2.

As indicated in the conclusions of this analysis, I have determined that the existing pole and foundation have *sufficient capacity* to support the existing, reserved and proposed antenna loads as detailed herein. Based on the results of my analysis, structural modifications are not required at this time.

Source of Data:

Resource	Source	Job Number	Date
Pole and Foundation Drawings	Michael F. Plahovinsak, PE	23515-0638	10/26/15
Geotechnical Report	Dr. Clarence Welti	N/A	10/08/15
Erection Book & Anchor Steel Detail	TAPP	TP-13840	10/26/15
Verizon Mount Analysis	Maser Consulting	21777737A	10/08/21

Michael F. Plahovinsak, P.E. - Since 2011

mike@mfpeng.com

Analysis Criteria:

International Building Code 2006-2015 Section 3108
Structural Standards for Steel Antenna Supporting Structures **ANSI/TIA-222-G**

- TIA-222-G Wind Speed 100 mph (V_{asd} / 3-Second Gust)
- Equivalent ASCE-7-10 Wind 129 mph (V_{ult})
- TIA-222-G Wind w/ 3/4" Ice 50 mph (3-Sec Gust)
- Operational Wind Speed 60 mph (3-Sec Gust)

Structure Class	Exposure Category	Topographic Category
II (I = 1.0)	C	3

Appurtenance Listing:

Status	Elev.	Antenna / Mounting	Coax	Owner
Proposed	150'	(6) JMA MX06FRO660-03 Antennas (3) Amphenol WWX063X19X00 Antennas (3) Samsung MT6407-77A Antennas (6) Samsung RF4439d-25A (3 Installed, 3 Reserved) (6) Samsung RF4440d-13A (3 Installed, 3 Reserved) (2) Raycap RRFDC-3315-PF-48 Low Profile Platform	(2) 1 5/8" + (12) 1/2" + (2) 6x12 Hybrid	Verizon
Existing*	135'	(3) JMA MX08FRO665-21 Antennas (3) Fujitsu TA08025-B605 + (3) TA08025-B604 RRH's (1) Raycap RDIDC-9181-PF-48 MC-PK8-DSH Platform Mount	(1) 1.6" Hybrid	Dish Wireless

* Analysis is based on a leased wind area of 11,000 in². The 11,000 in² is greater than the proposed actual equipment wind area.

All antenna lines assumed internally mounted, not exposed to the wind.

Michael F. Plahovinsak, P.E. - Since 2011

mike@mfpeng.com

Foundation Analysis:

The existing monopole foundation design was analyzed in conjunction with site specific geotechnical report. The existing foundation has sufficient capacity to support the pole with the proposed antenna configuration.

Conclusion:

I have completed a structural analysis of the existing monopole and foundation in accordance with the project specifics outlined above. My analysis indicates that the existing monopole and foundation are structurally adequate when considering the existing plus proposed loading. Please refer to the attached calculations for an itemized listing of all member stress ratios. The existing pole is safe and adequate to support the proposed loads, and no structural reinforcing is required to support the above loading.

Recommendations:

As a part of routine maintenance, I recommend periodic inspection of the pole and foundation structure for signs of fatigue or corrosion.

If you have any questions about the contents of this structural report or require any additional information, please feel free to contact my office.

Sincerely,

Michael F. Plahovinsak, P.E.



mike@mfpeng.com - 614.398-6250

Michael F. Plahovinsak, P.E. - Since 2011

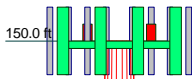
mike@mfpeng.com

**Standard Conditions for Providing Structural Consulting
Services on Existing Structures**

1. The following standard conditions are a general overview of key issues regarding the work product supplied.
2. If the existing conditions are not as represented in this structural report or attached sketches, I should be contacted to evaluate the significance of the deviation and revise the structural assessment accordingly.
3. The structural analysis has been performed assuming that the structure is in "like new" condition. No allowance was made for excessive corrosion, damaged or missing structural members, loose bolts, etc. If there are any known deficiencies in the structure that potentially compromise structural integrity, I should be made aware of the deficiencies. If I am aware of a deficiency that exists in a structure at the time of my analysis, a general explanation of the structural concern due to the deficiency will be included in the structural report, but the deficiency will not be reflected in capacity calculations.
4. The structural analysis provided is an assessment of the primary load carrying capacity of the structure. I provide a limited scope of service in that I have not verified the capacity of every weld, plate, connection detail, etc. In most cases, structural fabrication details are unknown at the time of my analysis, and the detailed field measurement of this information is beyond the scope of my services. In instances where I have not performed connection capacity calculations, it is assumed that existing manufactured connections develop the full capacity of the primary members being connected.
5. The structural integrity of the existing foundation system can only be verified if exact foundation sizes and soils conditions are known. I will not accept any responsibility for the adequacy of the existing foundations unless this site-specific data is supplied.
6. Miscellaneous items such as antenna mounts, coax supports, etc. have not been designed, detailed, or specified as part of my work. It is assumed that material of adequate size and strength will be purchased from a reputable component manufacturer. The attached report and sketches are schematic in nature and should not be used to fabricate or purchase hardware and accessories to be attached to the structure. I recommend field measurement of the structure before fabricating or purchasing new hardware and accessories. I am not responsible for proper fit and clearance of hardware and accessory items in the field.
7. The structural analysis has been performed considering minimum code requirements or recommendations. If alternate wind, ice, or deflection criteria are to be considered, then I shall be made aware of the alternate criteria.

Michael F. Plahovinsak, P.E. - Since 2011

mike@mfpeng.com



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
(2) JMA MX06FRO660-03 (Verizon)	150	Samsung MT6407-77A w/ mount pipe (Verizon)	150
Antel WWX063x19x00 w/ mount pipe (Verizon)	150	(6) Samsung RF4439d-25A (Verizon)	150
Samsung MT6407-77A w/ mount pipe (Verizon)	150	(6) Samsung RF4440d-13A (Verizon)	150
(2) JMA MX06FRO660-03 (Verizon)	150	(2) Raycap RRFDC-3315-PF-48 (Verizon)	150
Antel WWX063x19x00 w/ mount pipe (Verizon)	150	12' Low Profile Platform (MT-196) (Verizon)	150
Samsung MT6407-77A w/ mount pipe (Verizon)	150	Antennas + Equipment (EPA 11,000 in2 / 2,000 lbs) (Dish)	135
(2) JMA MX06FRO660-03 (Verizon)	150		
Antel WWX063x19x00 w/ mount pipe (Verizon)	150		

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 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 100 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 3 with Crest Height of 100.00 ft
8. TOWER RATING: 33.6%

Section	1	2	3	4
Length (ft)	42.25	30.00	43.75	53.00
Number of Sides	18	18	18	18
Thickness (in)	0.3125	0.3750	0.4375	0.5000
Socket Length (ft)	5.75	6.50	7.75	53.1559
Top Dia (in)	29.4100	38.6681	44.2803	67.5000
Bot Dia (in)	40.8500	46.7900	56.1300	67.5000
Grade		A572-65	A572-65	A572-65
Weight (K)	5.0	5.1	10.3	17.1

150.0 ft

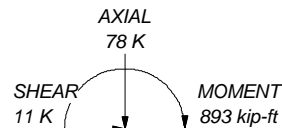
107.8 ft

83.5 ft

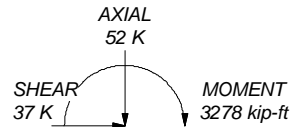
46.3 ft

1.0 ft

ALL REACTIONS
ARE FACTORED



TORQUE 0 kip-ft
50 mph WIND - 0.7500 in ICE



TORQUE 0 kip-ft
REACTIONS - 100 mph WIND

Michael Plahovinsak, P.E.

18301 State Route 161
Plain City, OH 43064
Phone: 614-398-6250
FAX: mike@mfpeng.com

Job: **150-ft Pole - MFP #40915-143 r2**

Project: **CT1155 Bethel**

Client: **Tarpon Towers**

Drawn by: **JC**

App'd:

Code: **TIA-222-G**

Date: **12/22/21**

Scale: **NTS**

Path: **C:\Users\jone\Dropbox\MFP Engineering Files\Projects\409-Misc\40915-143\40915-143 r2.dwg**

Dwg No. **E-1**

tnxTower Michael Plahovinsak, P.E. 18301 State Route 161 Plain City, OH 43064 Phone: 614-398-6250 FAX: mike@mfpeng.com	Job 150-ft Pole - MFP #40915-143 r2	Page 1 of 7
	Project CT1155 Bethel	Date 17:59:22 12/22/21
	Client Tarpon Towers	Designed by JC

Tower Input Data

The tower is a monopole.

This tower is designed using the TIA-222-G standard.

The following design criteria apply:

Tower is located in Fairfield County, Connecticut.

Basic wind speed of 100 mph.

Structure Class II.

Exposure Category C.

Topographic Category 3.

Crest Height 100.00 ft.

Nominal ice thickness of 0.7500 in.

Ice thickness is considered to increase with height.

Ice density of 56 pcf.

A wind speed of 50 mph is used in combination with ice.

Temperature drop of 50 °F.

Deflections calculated using a wind speed of 60 mph.

A non-linear (P-delta) analysis was used.

Pressures are calculated at each section.

Stress ratio used in pole design is 1.

Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	150.00-107.75	42.25	5.75	18	29.4100	40.8500	0.3125	1.2500	A572-65 (65 ksi)
L2	107.75-83.50	30.00	6.50	18	38.6681	46.7900	0.3750	1.5000	A572-65 (65 ksi)
L3	83.50-46.25	43.75	7.75	18	44.2803	56.1300	0.4375	1.7500	A572-65 (65 ksi)
L4	46.25-1.00	53.00		18	53.1559	67.5000	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	I/Q in ²	w in	w/t
L1	29.8155	28.8611	3087.1763	10.3296	14.9403	206.6344	6178.4147	14.4333	4.6262	14.804
L2	41.4320	40.2081	8347.6701	14.3908	20.7518	402.2625	16706.3244	20.1079	6.6396	21.247
	40.7875	45.5783	8443.7708	13.5940	19.6434	429.8532	16898.6521	22.7935	6.1456	16.388
L3	47.4540	55.2455	15036.6366	16.4773	23.7693	632.6069	30093.0588	27.6280	7.5750	20.2
	46.6835	60.8811	14784.8115	15.5642	22.4944	657.2673	29589.0772	30.4464	7.0233	16.053
L4	56.9284	77.3360	30304.8801	19.7708	28.5140	1062.8056	60649.6362	38.6753	9.1089	20.82
	56.0286	83.5649	29272.2107	18.6928	27.0032	1084.0276	58582.9385	41.7904	8.4754	16.951
	68.4642	106.3290	60302.9815	23.7850	34.2900	1758.6171	120685.311	53.1746	11.0000	22

tnxTower Michael Plahovinsak, P.E. 18301 State Route 161 Plain City, OH 43064 Phone: 614-398-6250 FAX: mike@mfpeng.com	Job 150-ft Pole - MFP #40915-143 r2	Page 2 of 7
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Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals	Double Angle Stitch Bolt Spacing Horizontals	Double Angle Stitch Bolt Spacing Redundants
ft	ft ²	in					in	in	in
L1 150.00-107.75				1	1	1			
L2 107.75-83.50				1	1	1			
L3 83.50-46.25				1	1	1			
L4 46.25-1.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C_{AA}	Weight	
							ft ² /ft	plf	
1 5/8" (Verizon)	C	No	Yes	Inside Pole	150.00 - 1.00	2	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.92 0.92 0.92
1/2" (Verizon)	C	No	Yes	Inside Pole	150.00 - 1.00	12	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.15 0.15 0.15
1/4" (Verizon)	C	No	Yes	Inside Pole	150.00 - 1.00	2	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.06 0.06 0.06
** 1.6" (Dish)	C	No	Yes	Inside Pole	135.00 - 1.00	1	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.92 0.92 0.92

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R	A_F	C_{AA} In Face	C_{AA} Out Face	Weight
			ft ²	ft ²	ft ²	ft ²	K
L1	150.00-107.75	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.18
L2	107.75-83.50	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.11
L3	83.50-46.25	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.17
L4	46.25-1.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.21

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R	A_F	C_{AA} In Face	C_{AA} Out Face	Weight
			in	ft ²	ft ²	ft ²	ft ²	K
L1	150.00-107.75	A	1.767	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.18
L2	107.75-83.50	A	1.759	0.000	0.000	0.000	0.000	0.00

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert	Azimuth Adjustment °	Placement ft	CAAA Front ft ²	CAAA Side ft ²	Weight K
Antennas + Equipment (EPA 11,000 in2 / 2,000 lbs) (Dish)	C	None		0.0000	135.00	No Ice 76.39 1/2" Ice 81.39 1" Ice 86.39	76.39 81.39 86.39	2.00 2.50 3.00

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.6 Wind 0 deg - No Ice
3	0.9 Dead+1.6 Wind 0 deg - No Ice
4	1.2 Dead+1.6 Wind 90 deg - No Ice
5	0.9 Dead+1.6 Wind 90 deg - No Ice
6	1.2 Dead+1.6 Wind 180 deg - No Ice
7	0.9 Dead+1.6 Wind 180 deg - No Ice
8	1.2 Dead+1.0 Ice+1.0 Temp
9	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
10	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
11	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
12	Dead+Wind 0 deg - Service
13	Dead+Wind 90 deg - Service
14	Dead+Wind 180 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	150 - 107.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	8	-21.43	0.40	2.32
			Max. Mx	4	-10.64	-417.78	2.66
			Max. My	2	-10.64	-0.94	416.13
			Max. Vy	4	15.71	-417.78	2.66
			Max. Vx	2	-15.62	-0.94	416.13
			Max. Torque	4			0.35
L2	107.75 - 83.5	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	8	-30.00	0.40	2.32
			Max. Mx	4	-16.44	-826.98	3.40
			Max. My	2	-16.45	-1.67	823.15
			Max. Vy	4	19.16	-826.98	3.40
			Max. Vx	2	-19.07	-1.67	823.15
			Max. Torque	4			0.35
L3	83.5 - 46.25	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	8	-46.37	0.40	2.32
			Max. Mx	4	-28.12	-1626.10	4.55
			Max. My	2	-28.13	-2.80	1618.92
			Max. Vy	4	25.43	-1626.10	4.55
			Max. Vx	2	-25.33	-2.80	1618.92
			Max. Torque	4			0.35
L4	46.25 - 1	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	8	-77.82	0.40	2.31
			Max. Mx	4	-51.70	-3277.94	6.21
			Max. My	2	-51.70	-4.44	3265.88

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Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vy	4	37.47	-3277.94	6.21
			Max. Vx	2	-37.38	-4.44	3265.88
			Max. Torque	4			0.35

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 107.75	6.906	12	0.3994	0.0002
L2	113.5 - 83.5	4.034	13	0.3338	0.0001
L3	90 - 46.25	2.537	13	0.2658	0.0000
L4	54 - 1	0.914	13	0.1551	0.0000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
150.00	(2) JMA MX06FRO660-03	12	6.906	0.3994	0.0003	135330
135.00	Antennas + Equipment (EPA 11,000 in2 / 2,000 lbs)	13	5.676	0.3766	0.0002	45110

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 107.75	34.407	4	1.9796	0.0009
L2	113.5 - 83.5	20.101	4	1.6637	0.0003
L3	90 - 46.25	12.641	4	1.3248	0.0002
L4	54 - 1	4.552	4	0.7729	0.0001

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
150.00	(2) JMA MX06FRO660-03	4	34.407	1.9796	0.0015	27653
135.00	Antennas + Equipment (EPA 11,000 in2 / 2,000 lbs)	4	28.287	1.8717	0.0010	9217

Pole Design Data

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
L1	150 - 107.75 (1)	TP40.85x29.41x0.3125	42.25	0.00	0.0	38.6639	-10.64	2694.79	0.004

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Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
L2	107.75 - 83.5 (2)	TP46.79x38.6681x0.375	30.00	0.00	0.0	53.1509	-16.44	3760.52	0.004
L3	83.5 - 46.25 (3)	TP56.13x44.2803x0.4375	43.75	0.00	0.0	74.4211	-28.12	5218.03	0.005
L4	46.25 - 1 (4)	TP67.5x53.1559x0.5	53.00	0.00	0.0	106.329	-51.70	7227.43	0.007

Pole Bending Design Data

Section No.	Elevation ft	Size	M _{ux} kip-ft	φM _{ux} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	M _{uy} kip-ft	φM _{uy} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{uy}}$
L1	150 - 107.75 (1)	TP40.85x29.41x0.3125	417.79	2159.72	0.193	0.00	2159.72	0.000
L2	107.75 - 83.5 (2)	TP46.79x38.6681x0.375	826.98	3451.29	0.240	0.00	3451.29	0.000
L3	83.5 - 46.25 (3)	TP56.13x44.2803x0.4375	1626.10	5748.83	0.283	0.00	5748.83	0.000
L4	46.25 - 1 (4)	TP67.5x53.1559x0.5	3277.94	9961.42	0.329	0.00	9961.42	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V _u K	φV _n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T _u kip-ft	φT _n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	150 - 107.75 (1)	TP40.85x29.41x0.3125	15.71	1347.39	0.012	0.35	4329.96	0.000
L2	107.75 - 83.5 (2)	TP46.79x38.6681x0.375	19.16	1880.26	0.010	0.35	6919.77	0.000
L3	83.5 - 46.25 (3)	TP56.13x44.2803x0.4375	25.43	2609.02	0.010	0.35	11525.92	0.000
L4	46.25 - 1 (4)	TP67.5x53.1559x0.5	37.47	3613.71	0.010	0.35	19969.67	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	Ratio $\frac{M_{uy}}{\phi M_{uy}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	150 - 107.75 (1)	0.004	0.193	0.000	0.012	0.000	0.198	1.000	4.8.2 ✓
L2	107.75 - 83.5 (2)	0.004	0.240	0.000	0.010	0.000	0.244	1.000	4.8.2 ✓
L3	83.5 - 46.25 (3)	0.005	0.283	0.000	0.010	0.000	0.288	1.000	4.8.2 ✓
L4	46.25 - 1 (4)	0.007	0.329	0.000	0.010	0.000	0.336	1.000	4.8.2 ✓

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Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail	
L1	150 - 107.75	Pole	TP40.85x29.41x0.3125	1	-10.64	2694.79	19.8	Pass	
L2	107.75 - 83.5	Pole	TP46.79x38.6681x0.375	2	-16.44	3760.52	24.4	Pass	
L3	83.5 - 46.25	Pole	TP56.13x44.2803x0.4375	3	-28.12	5218.03	28.8	Pass	
L4	46.25 - 1	Pole	TP67.5x53.1559x0.5	4	-51.70	7227.43	33.6	Pass	
							Summary		
							Pole (L4)	33.6	Pass
							RATING =	33.6	Pass

Michael F. Plahovinsak, P.E. 18301 State Route 161 W Plain City, OH 43064 Phone: 614-398-6250 email: mike@mfpeng.com	Job 150-ft monopole - MFP #40915-143 r1a	Page BP-G
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	Client Tarpon Towers	Designed by Mike

Anchor Rod and Base Plate Calculation

ANSI/TIA-222-G-2

Factored Base Reactions:	Pole Shape:	Anchor Rods:	Base Plate:
Moment: 3278 ft-kips	18-Sided	(24) 2.25 in. A615 GR. 75	2.75 in. x 81 in. Round
Shear: 37 kips	Pole Dia. (D_f):	Anchor Rods Evenly Spaced	$f_y = 50$ ksi
Axial: 52 kips	67.50 in	On a 75 in Bolt Circle	

Anchor Rod Calculation According to TIA-222-G section 4.9.9

- $\phi = 0.80$ TIA 4.9.9
- $I_{bolts} = 16875.00 \text{ in}^2$ Momet of Inertia
- $P_u = 87$ kips Tension Force
- $V_u = 2$ kips Shear Force
- $R_{nt} = 325.00$ kips Nominal Tensile Strength
- $\eta = 0.50$ for detail type (d)

The following Interaction Equation Shall Be Satisfied:

$$\left(\frac{P_u + \frac{V_u}{\eta}}{\phi R_{nt}} \right) \leq 1.0$$

$$0.348 \leq 1$$

Base Plate Calculation According to TIA-222-G

- $\phi = 0.90$ TIA 4.7
- $M_{pL} = 235.1$ in-kip Plate Moment
- $L = 8.8$ in Section Length
- $Z = 16.7$ Plastic Section Modulus
- $M_p = 835.3$ in-kip Plastic Moment
- $\phi M_n = 751.7$ in-kip Factored Resistance

Calculated Moment vs Factored Resistance

$$235.15 \text{ in-kip} \leq 752 \text{ in-kip}$$

Anchor Rods Are Adequate	34.8% <input checked="" type="checkbox"/>
Base Plate is Adequate	31.3% <input checked="" type="checkbox"/>

Monopole Spread Footing Calculation

ANSI/TIA-222-G-2

Factored Base Reactions:	Footing Dimensions:		Concrete:
Moment: 3278 ft-kips	28 ft x 28 ft	8 ft Square Pier	f'c = 4000 psi
Shear: 37 kips	x 4 ft thick	w/6 in Reveal	Steel fy = 60 ksi
Axial: 52 kips	Bearing 10 ft B.G.	131.6 Yd3 Concrete	f = 0.75
Soil Backfill 100 pcf	Ultimate Bearing:	8000 psf	Water Table n/a

Foundation Weight

Weight of Pole	52.0 kips
Weight of Concrete	532.8 kips
Weight of Soil	432 kips
Bouyancy of Water	0.0 kips
<u>Total</u>	<u>1016.8 kips</u>

Overturning Resistance:

Overturning Moment (M_u)	3666.5 ft-kips	3278 ft-kips + (37 kips x 10.5 ft)
Resisting Moment (R_s)	14235.2 ft-kips	1016.8 kips x 28 ft / 2
$\phi \times R_s > M_u$	$M_{\text{overturning}} / f M_{\text{resist}}$	34.3% OK

Soil Bearing Pressure:

Eccentricity (e)	3.61 ft	3666.5 ft-kips / 1016.8 kips
6(e)	21.6 ft <	28.0 ft OK
Maximum Soil Bearing	2299.0798 psf	Calculated across corners
Soil Overburden	-1000 psf	
Net Soil Bearing	1299.0798 psf	
Resisting Soil Bearing (R_s)	8000 psf	
Net Soil Bearing < $\phi \times R_s$	Net Bearing / f R_s	21.7% OK

Bending Moment in Pier:

Bending Moment	3518.5 ft-kips	3278 ft-kips + (37 kips x 6.5 ft)
Pier Steel Req'd (Loads)	73.40 in ²	
Min. Pier Steel	46.08 in ²	1/2% (Based on Square Pier)

Bending Moment in Footing:

Max Bending Moment	2173.8871 ft-kips	Σ Moments about pier face
Footing Steel Req'd (Loads)	0.62 in ² /ft	
Min. Footing Steel	1.04 in ² /ft	0.18%



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Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10058906
Maser Consulting Connecticut Project #: 21777737A

October 8, 2021

Site Information

Site ID: 469281-VZW / BETHEL EAST CT - A
Site Name: BETHEL EAST CT - A
Carrier Name: Verizon Wireless
Address: 62 Codfish Hill Road
Bethel, Connecticut 06801
Fairfield County
Latitude: 41.37429000°
Longitude: -73.37368416°

Structure Information

Tower Type: 150-Ft Monopole
Mount Type: 12.50-Ft Platform

FUZE ID # 16092622

Analysis Results

Platform: 56.8% Pass

*****Contractor PMI Requirements:**

Included at the end of this MA report

Available & Submitted via portal at <https://pmi.vzwsmart.com>

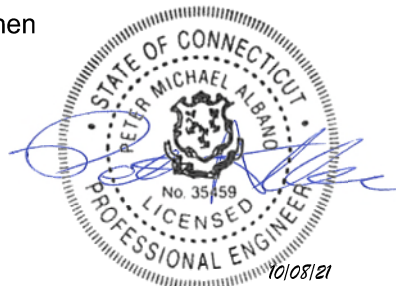
Contractor - Please Review Specific Site PMI Requirements Upon Award

Requirements may also be Noted on A & E drawings

For additional questions and support, please reach out to:

pmisupport@colliersengineering.com

Report Prepared By: Selene Chen



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
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS, Site ID: 5002316, dated September 25, 2021</i>
<i>Mount Mapping Report</i>	<i>Structural Components, Site ID: 16092622, dated April 17, 2021</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), Ice Wind Speed (3-sec. Gust): Design Ice Thickness: Risk Category: Exposure Category: Topographic Category: Topographic Feature Considered: Topographic Method: Ground Elevation Factor, K_e :	116 mph 50 mph 1.00 in II B 1 N/A N/A 0.980
Seismic Parameters:	S_s : S_1 :	0.219 0.056
Maintenance Parameters:	Wind Speed (3-sec. Gust): Maintenance Live Load, L_v : Maintenance Live Load, L_m :	30 mph 250 lbs. 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
			Amphenol Antel		Retained
			Raycap		
			JMA Wireless		Added
			Samsung		
			Samsung	RF4439d-25A	
			Samsung	RF4440d-13A	

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Maser Consulting Connecticut and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut to verify deviation will not adversely impact the analysis.
2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
 - o Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - o HSS (Rectangular) ASTM 500 (Gr. B-46)
 - o Pipe ASTM A53 (Gr. B-35)
 - o Threaded Rod F1554 (Gr. 36)
 - o 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
<i>Face Horizontal</i>	14.1 %	<i>Pass</i>
<i>Standoff Horizontal</i>	39.1 %	<i>Pass</i>
<i>Platform Crossmember</i>	18.0 %	<i>Pass</i>
<i>Corner Plate</i>	16.6 %	<i>Pass</i>
<i>Grating Support</i>	12.3 %	<i>Pass</i>
<i>Cross Arm Plate</i>	37.0 %	<i>Pass</i>
<i>Support Rail</i>	40.3 %	<i>Pass</i>
<i>Mount Pipe</i>	53.1 %	<i>Pass</i>
<i>Support Rail Corner</i>	55.4 %	<i>Pass</i>
<i>Unistrut</i>	56.8 %	<i>Pass</i>
<i>Connection Check</i>	39.0 %	<i>Pass</i>

Structure Rating – (Controlling Utilization of all Components)	56.8%
---	--------------

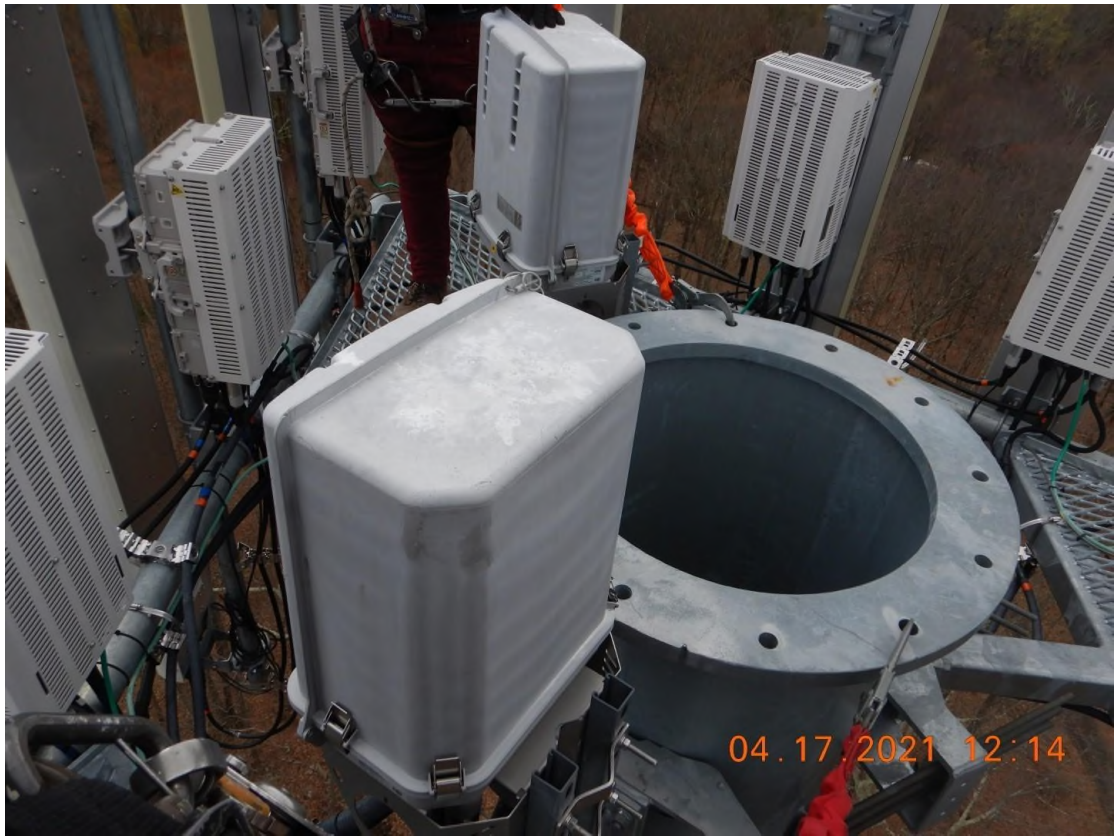
Recommendation:

The existing mount is **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:

- Mount Photos
- Mount Mapping Report (for reference only)
- Analysis Calculations
- Contractor Required Post Installation Inspection (PMI) Report Deliverables**
- Antenna Placement Diagrams
- TIA Adoption and Wind Speed Usage Letter





Antenna Mount Mapping Form (PATENT PENDING)

Tower Owner:	Tarpon Towers II, LLC	Mapping Date:	4/17/2021
Site Name:	Bethel East CT - A	Tower Type:	Monopole
Site Number or ID:	16092622	Tower Height (Ft.):	150
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	149

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Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.

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."
	2-3/8x .15x114				2-3/8x .15x 114		
	2-3/8x .15x 97				2-3/8x .15x 97		
	2-3/8x .15x 114				2-3/8x .15x 114		
	2-3/8x .15x 97				2-3/8x .15x 97		
	2-3/8x .15x 114						
	2-3/8x .15x 97						
	2-3/8x .15x 114						
	2-3/8x .15x 97						

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. .

Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :

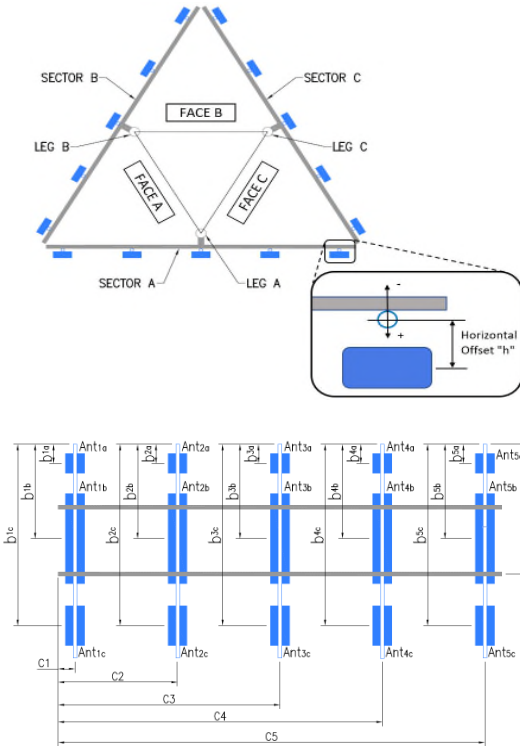
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :

Please enter additional information or comments below.

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

For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.

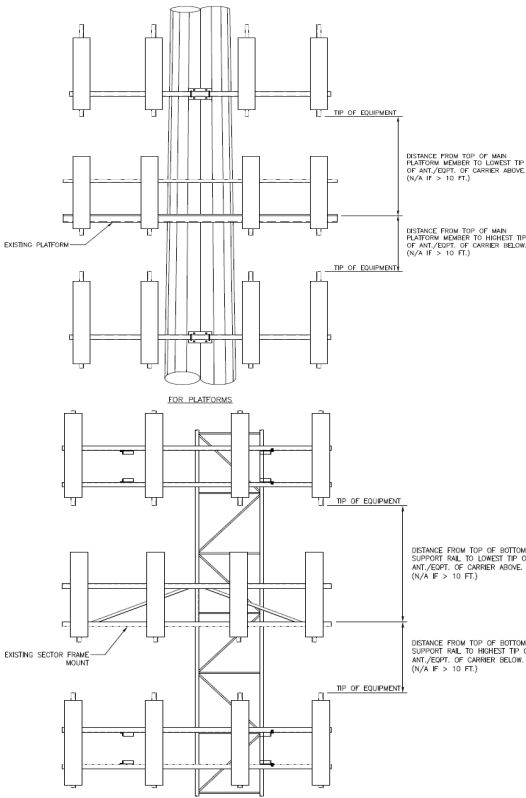
Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b , b ₁ , b ₂ ,..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant										
Ant _{1b}	80010736v01			96.00	Jumper	149.833				
Ant _{1c}										
Ant										
Ant _{2b}	www063x19600			75.00	Jumper	150.042				
Ant _{2c}	b25rrh4x30									
Ant										
Ant _{3b}	80010736v01			96.00	Jumper	149.833				
Ant _{3c}	b13rrh4x30			20.25	Jumper	150.906				
Ant										
Ant _{4b}	www063x19600			75.00	Jumper	150.042				
Ant _{4c}	b66arh4x45			25.50	Jumper	151.063				
Ant										
Ant _{5b}										
Ant _{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										



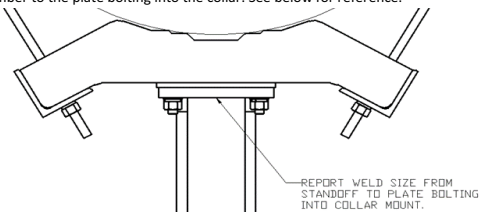
Antenna Layout (Looking Out From Tower)

Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector			Sector B														
Sector A:	Deg	Leg A:	Deg	Leg B:	Deg	Ant														
Sector A:		Deg	Leg A:		Deg	Ant _{1b}	80010736v01				96.00	Jumper	149.792							
Sector B:		Deg	Leg B:		Deg	Ant _{1c}														
Sector C:		Deg	Leg C:		Deg	Ant														
Sector D:		Deg	Leg D:		Deg	Ant _{2b}	wwx063x19600				75.00	Jumper	150.042							
Climbing Facility Information						Ant _{2c}	b25rrh4x30				21.00	Jumper	151							
Location:		Deg			Deg	Ant														
Climbing Facility	Corrosion Type:	Good condition.				Ant _{3b}	80010736v01				96.00	Jumper	149.833							
	Access:	Climbing path was unobstructed.				Ant _{3c}	b13rrh4x30				20.25	Jumper	150.906							
	Condition:	Good condition.				Ant														
						Ant _{4b}	wwx063x19600				75.00	Jumper	150.083							
						Ant _{4c}	b66arh4x45				25.50	Jumper	151.354							
						Ant														
						Ant _{5b}														
						Ant _{5c}														
						Ant on Standoff	rrfdc-3515-pf-48					.5" OD Hybrid								
						Ant on Standoff														
						Ant on Tower														
						Ant on Tower														
						Sector C														
						Ant														
						Ant _{1b}	80010736v01				96.00	Jumper	149.833							
						Ant _{1c}														
						Ant														
						Ant _{2b}	wwx063x19600				75.00	Jumper	150.042							
						Ant _{2c}	b25rrh4x30				21.00	Jumper	150.958							
						Ant														
						Ant _{3b}	80010736v01				96.00	Jumper	149.833							
						Ant _{3c}	b13rrh4x30				20.25	Jumper	151.031							
						Ant														
						Ant _{4b}	wwx063x19600				75.00	Jumper	150.042							
						Ant _{4c}	b66arh4x45				25.50	Jumper	151.104							
						Ant														
						Ant _{5b}														
						Ant _{5c}														
						Ant on Standoff	rrfdc-3515-pf-48					55" OD Hybrid								
						Ant on Standoff														
						Ant on Tower														
						Ant on Tower														
						Sector D														
						Ant														
						Ant _{1b}														
						Ant _{1c}														
						Ant														
						Ant _{2b}														
						Ant _{2c}														
						Ant														
						Ant _{3b}														
						Ant _{3c}														
						Ant														
						Ant _{4b}														
						Ant _{4c}														
						Ant														
						Ant _{5b}														
						Ant _{5c}														
						Ant on Standoff														
						Ant on Standoff														
						Ant on Tower														
						Ant on Tower														

Please insert a photo of the mount centerline measurement here.



For T-Arms/Platforms on monopoles, record the weld size from the main standoff member to the plate bolting into the collar. See below for reference.



Observed Safety and Structural Issues During the Mount Mapping

Issue #	Description of Issue	Photo #

Observed Obstructions to Tower Lighting System

If the tower lighting system is being obstructed by the carrier's equipment (for example: a light nested by the antennas), please provide photos and fill in the information below.				Photo #
Description of Obstruction:				
Type of Light:	Photo #	Additional Comments:		
Lighting Technology:	Photo #			
Elevation (AGL) at base of light (FT.):	Photo #			
Is a service loop available?	Photo #			
Is beacon installed on an extension?	Photo #			

Mapping Notes

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

Standard Conditions

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

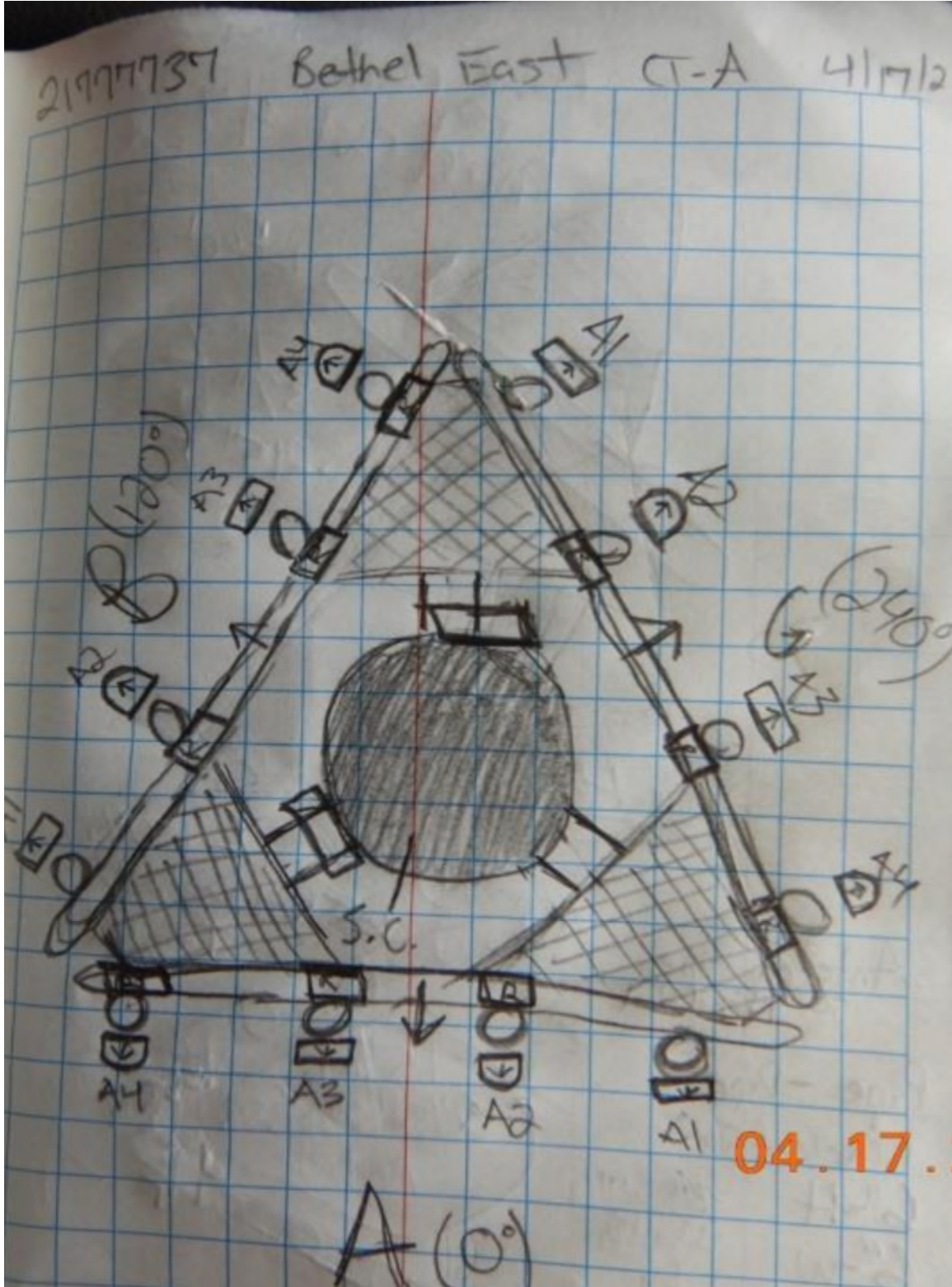


Antenna Mount Mapping Form (PATENT PENDING)

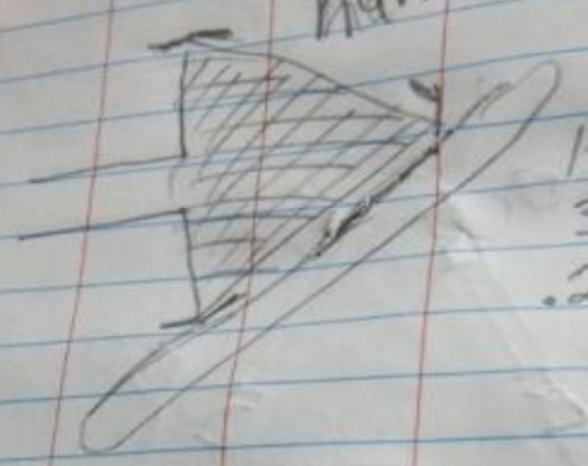
Tower Owner:	Tarpon Towers II, LLC	Mapping Date:	4/17/2021
Site Name:	Bethel East CT - A	Tower Type:	Monopole
Site Number or ID:	16092622	Tower Height (Ft.):	150
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	149

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Please Insert Sketches of the Antenna Mount



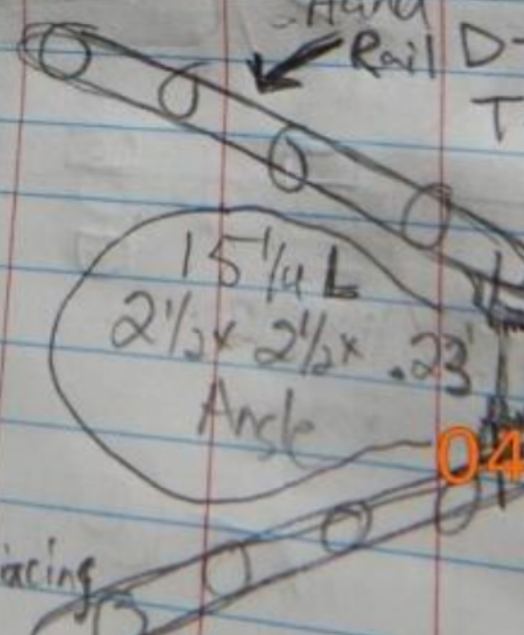
Bethel East CT
2/17/2021
Foot rail
to hand rail 47" C/C



Foot Rail
15 1/4" L
3 1/2" W
.215" T

Hand Rail Kit

Antenna Pipe
to Hand Rail



Hand L 150 1/4"
Rail D - 2 3/8"
T - .16"

15 1/4" L
2 1/2" x 2 1/2" x .23"
Angle

Square
6x6

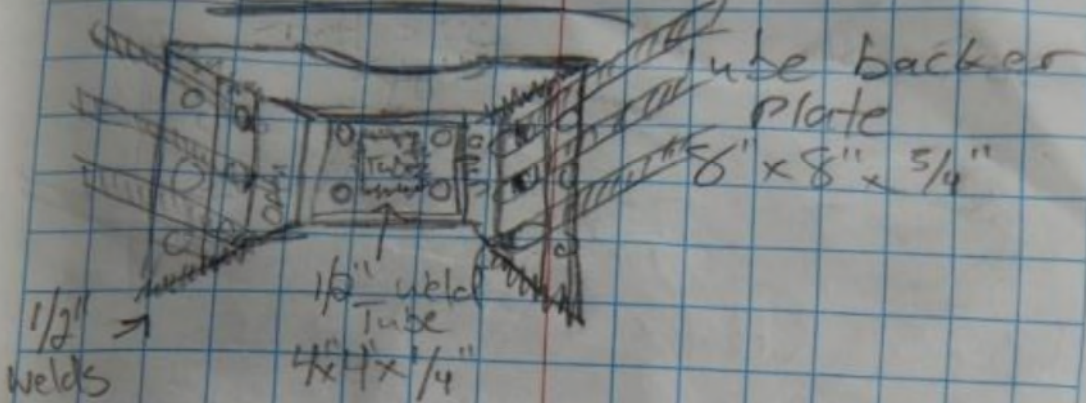
04 17 2021

- Pipe - Pipe
- Brackets
- 6"-H 3" Ubolts
- 6"-W 4 1/2" spacing

1/2" Ubolts

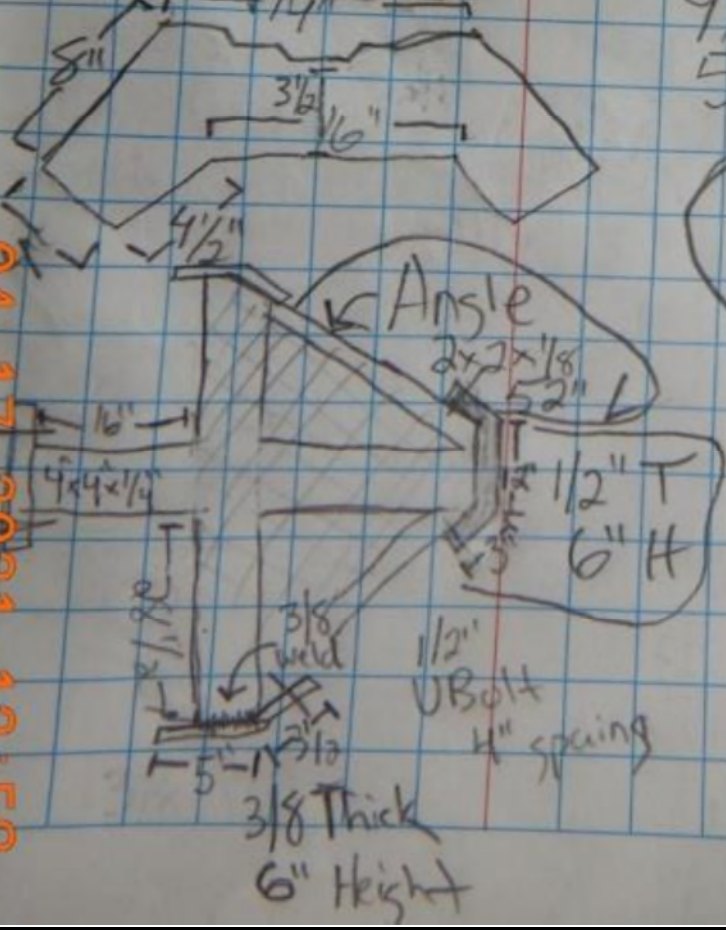
217777137 Bethel East CT-A 4/17/21

Front View



A.T. = $5/8" \times 48"$
 $2\ 1/4"$ spacings inbetween

Top View



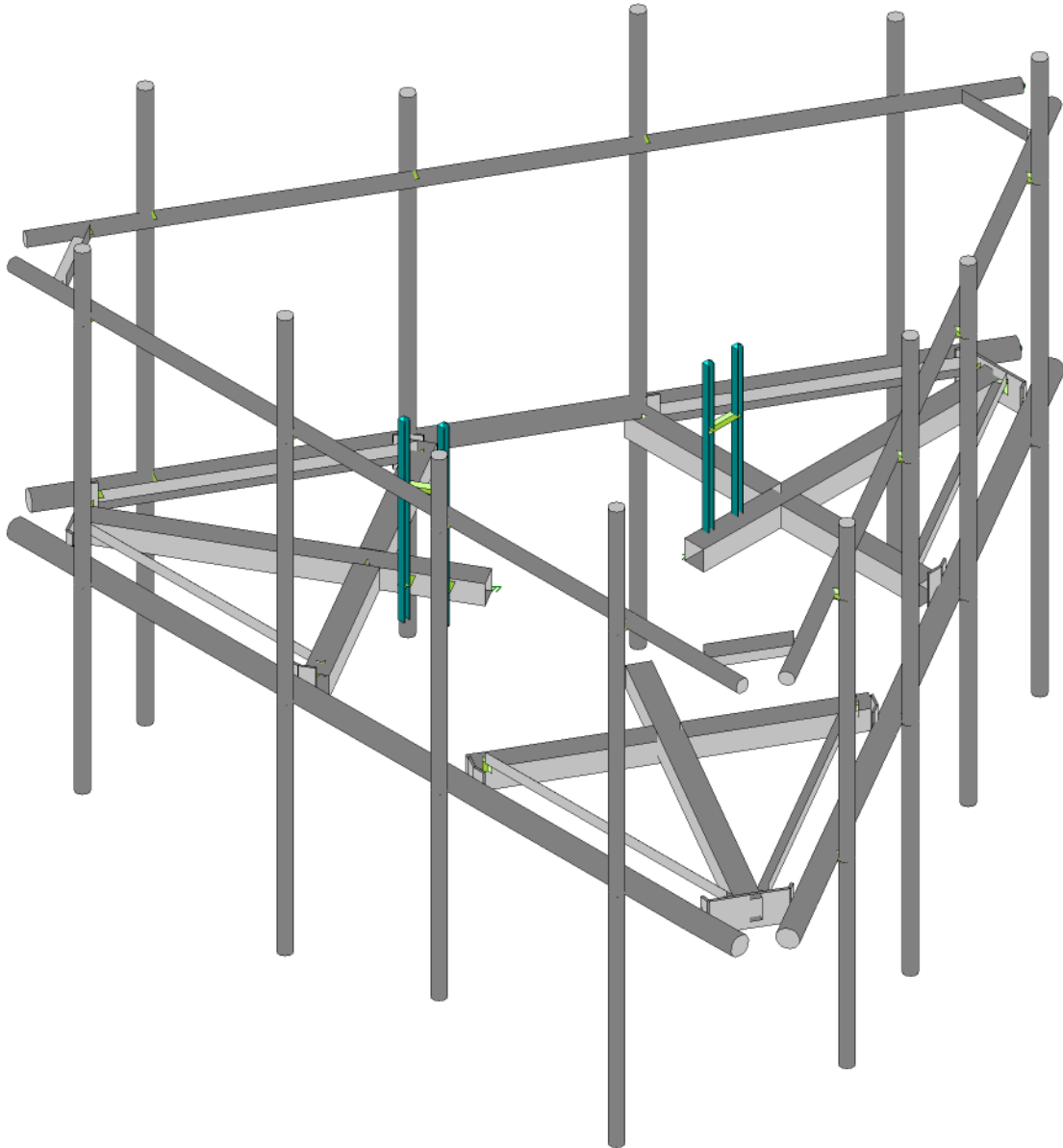
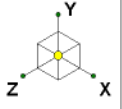
$9\ 1/2"$ H
 $5\ 1/8"$ T
 W $6\ 1/4"$
 H $8\ 1/8"$ D $2\ 1/2"$

FR
 Brackets

Antenna Pipe
 U bolts

$6"$ spacings
 $1/2"$ U bolts

04.17.2021 12:58

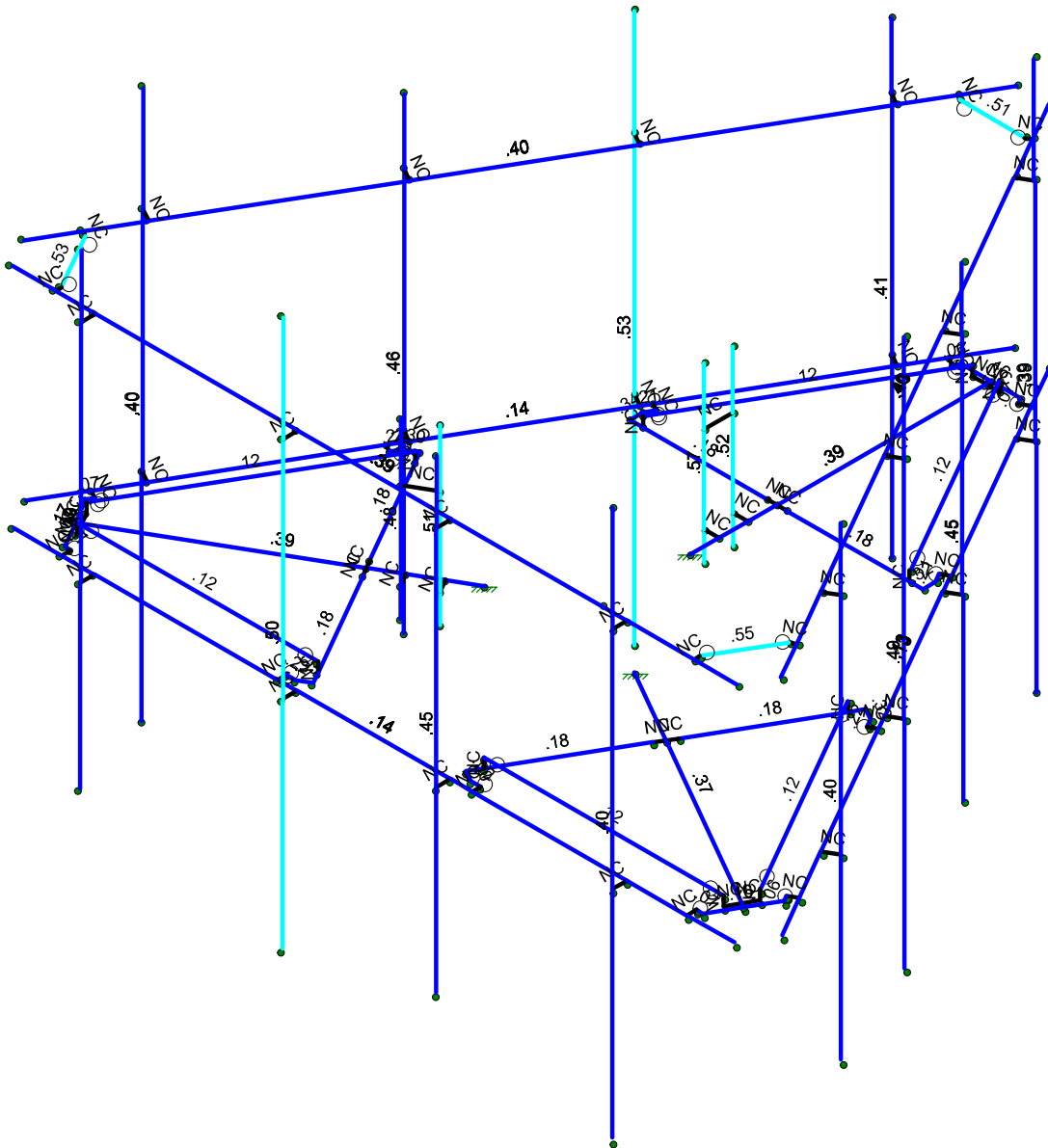
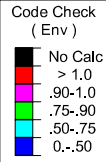
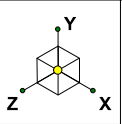


Envelope Only Solution

SK - 1

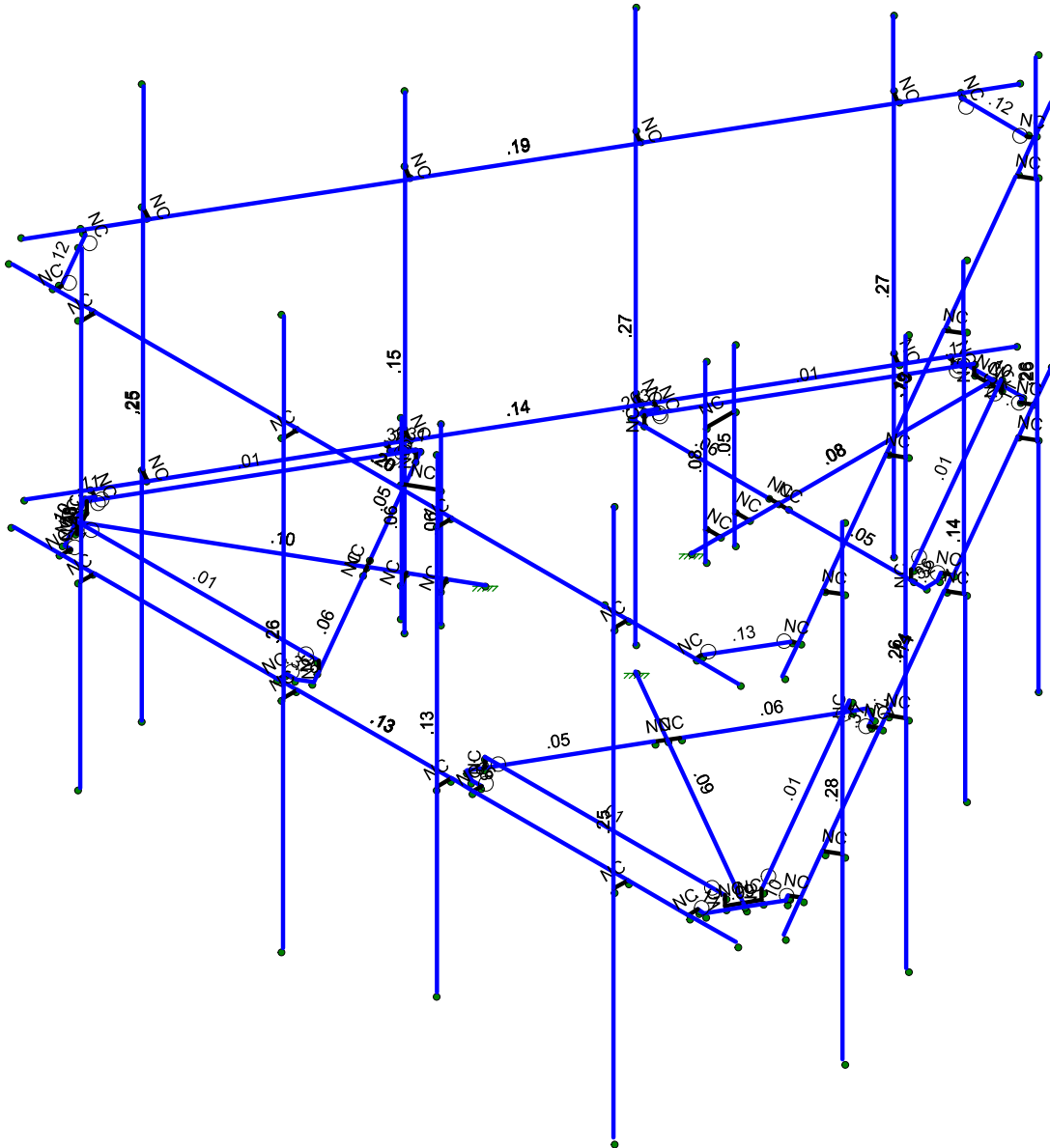
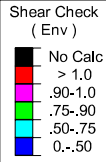
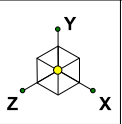
Oct 6, 2021 at 10:32 AM

469281-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		Oct 6, 2021 at 10:32 AM
		469281-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		Oct 6, 2021 at 10:33 AM
		469281-VZW_MT_LO_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					96		
2	Antenna Di	None					96		
3	Antenna Wo (0 Deg)	None					96		
4	Antenna Wo (30 Deg)	None					96		
5	Antenna Wo (60 Deg)	None					96		
6	Antenna Wo (90 Deg)	None					96		
7	Antenna Wo (120 Deg)	None					96		
8	Antenna Wo (150 Deg)	None					96		
9	Antenna Wo (180 Deg)	None					96		
10	Antenna Wo (210 Deg)	None					96		
11	Antenna Wo (240 Deg)	None					96		
12	Antenna Wo (270 Deg)	None					96		
13	Antenna Wo (300 Deg)	None					96		
14	Antenna Wo (330 Deg)	None					96		
15	Antenna Wi (0 Deg)	None					96		
16	Antenna Wi (30 Deg)	None					96		
17	Antenna Wi (60 Deg)	None					96		
18	Antenna Wi (90 Deg)	None					96		
19	Antenna Wi (120 Deg)	None					96		
20	Antenna Wi (150 Deg)	None					96		
21	Antenna Wi (180 Deg)	None					96		
22	Antenna Wi (210 Deg)	None					96		
23	Antenna Wi (240 Deg)	None					96		
24	Antenna Wi (270 Deg)	None					96		
25	Antenna Wi (300 Deg)	None					96		
26	Antenna Wi (330 Deg)	None					96		
27	Antenna Wm (0 Deg)	None					96		
28	Antenna Wm (30 Deg)	None					96		
29	Antenna Wm (60 Deg)	None					96		
30	Antenna Wm (90 Deg)	None					96		
31	Antenna Wm (120 De...	None					96		
32	Antenna Wm (150 De...	None					96		
33	Antenna Wm (180 De...	None					96		
34	Antenna Wm (210 De...	None					96		
35	Antenna Wm (240 De...	None					96		
36	Antenna Wm (270 De...	None					96		
37	Antenna Wm (300 De...	None					96		
38	Antenna Wm (330 De...	None					96		
39	Structure D	None		-1					3
40	Structure Di	None						61	3
41	Structure Wo (0 Deg)	None						122	
42	Structure Wo (30 Deg)	None						122	
43	Structure Wo (60 Deg)	None						122	
44	Structure Wo (90 Deg)	None						122	
45	Structure Wo (120 D...	None						122	
46	Structure Wo (150 D...	None						122	
47	Structure Wo (180 D...	None						122	
48	Structure Wo (210 D...	None						122	
49	Structure Wo (240 D...	None						122	
50	Structure Wo (270 D...	None						122	
51	Structure Wo (300 D...	None						122	

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
52	Structure Wo (330 D...	None						122	
53	Structure Wi (0 Deg)	None						122	
54	Structure Wi (30 Deg)	None						122	
55	Structure Wi (60 Deg)	None						122	
56	Structure Wi (90 Deg)	None						122	
57	Structure Wi (120 De...	None						122	
58	Structure Wi (150 De...	None						122	
59	Structure Wi (180 De...	None						122	
60	Structure Wi (210 De...	None						122	
61	Structure Wi (240 De...	None						122	
62	Structure Wi (270 De...	None						122	
63	Structure Wi (300 De...	None						122	
64	Structure Wi (330 De...	None						122	
65	Structure Wm (0 Deg)	None						122	
66	Structure Wm (30 D...	None						122	
67	Structure Wm (60 D...	None						122	
68	Structure Wm (90 D...	None						122	
69	Structure Wm (120 ...	None						122	
70	Structure Wm (150 ...	None						122	
71	Structure Wm (180 ...	None						122	
72	Structure Wm (210 ...	None						122	
73	Structure Wm (240 ...	None						122	
74	Structure Wm (270 ...	None						122	
75	Structure Wm (300 ...	None						122	
76	Structure Wm (330 ...	None						122	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1		
80	Lv2	None					1		
81	BLC 39 Transient Are..	None						30	
82	BLC 40 Transient Are..	None						30	

Load Combinations

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

Load Combinations (Continued)

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

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	0	3.956357	0	
2	N2	-6.25	0	3.956357	0	
3	N3	-0.	0	-1.5	0	
4	N5	-2.541667	0	-3	0	
5	N6	2.315104	0.166667	-3	0	
6	N7	-2.315104	0.166667	-3	0	
7	N24	-0.	0	-3	0	
8	N27	-0.	0	-6.6875	0	
9	CP	0	0	0	0	
10	N29	2.315104	0	-3	0	
11	N30	-2.315104	0	-3	0	
12	N101	2.541667	0	-3	0	
13	N102	-0.166667	0	-3	0	
14	N103A	0.166667	0	-3	0	
15	N104A	-2.541667	0	-3.21875	0	
16	N105	2.541667	0	-3.21875	0	
17	N131	2.458333	0	-3.363088	0	
18	N135	0.571615	0	-6.590523	0	
19	N144	-2.458333	0	-3.363088	0	
20	N148	-0.571615	0	-6.590523	0	
21	N86A	2.584629	0	-3.436004	0	
22	N86B	-2.584629	0	-3.436004	0	
23	N86C	-0.515625	0	-6.6875	0	
24	N87A	0.515625	0	-6.6875	0	
25	N86D	0.715429	0	-6.673554	0	
26	N86E	-0.715429	0	-6.673554	0	
27	N88A	-0.	0	-6.604167	0	
28	N87C	0.234238	0.166667	-6.604167	0	
29	N86G	0.234238	0	-6.604167	0	
30	N87B	-0.234238	0.166667	-6.604167	0	
31	N88C	-0.234238	0	-6.604167	0	
32	N32	0.301305	0	-7.390837	0	
33	N33	6.551305	0	3.43448	0	
34	N34	-6.551305	0	3.43448	0	
35	N35	-0.301305	0	-7.390837	0	
36	N36	-1.299038	0	0.75	0	
37	N37	-1.327243	0	3.701148	0	
38	N38	-3.755628	0.166667	-0.504939	0	
39	N39	-1.440524	0.166667	3.504939	0	
40	N40	-2.598076	0	1.5	0	
41	N41	-5.791545	0	3.34375	0	
42	N42	-3.755628	0	-0.504939	0	
43	N43	-1.440524	0	3.504939	0	
44	N44	-3.86891	0	-0.701148	0	
45	N45	-2.514743	0	1.644338	0	
46	N46	-2.68141	0	1.355662	0	
47	N47	-1.516686	0	3.810523	0	
48	N48	-4.058353	0	-0.591773	0	
49	N49	-4.141686	0	-0.447435	0	
50	N50	-5.993368	0	2.800229	0	
51	N51	-1.683353	0	3.810523	0	



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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N52	-5.421753	0	3.790294	0	
53	N53	-4.267982	0	-0.520352	0	
54	N54	-1.683353	0	3.956357	0	
55	N55	-5.533732	0	3.790294	0	
56	N56	-6.049357	0	2.897206	0	
57	N57	-6.137182	0	2.717198	0	
58	N58	-5.421753	0	3.956357	0	
59	N59	-5.719376	0	3.302083	0	
60	N60	-5.836495	0.166667	3.099228	0	
61	N61	-5.836495	0	3.099228	0	
62	N62	-5.602257	0.166667	3.504939	0	
63	N63	-5.602257	0	3.504939	0	
64	N64	1.299038	0	0.75	0	
65	N65	3.86891	0	-0.701148	0	
66	N66	1.440524	0.166667	3.504939	0	
67	N67	3.755628	0.166667	-0.504939	0	
68	N68	2.598076	0	1.5	0	
69	N69	5.791545	0	3.34375	0	
70	N70	1.440524	0	3.504939	0	
71	N71	3.755628	0	-0.504939	0	
72	N72	1.327243	0	3.701148	0	
73	N73	2.68141	0	1.355662	0	
74	N74	2.514743	0	1.644338	0	
75	N75	4.058353	0	-0.591773	0	
76	N76	1.516686	0	3.810523	0	
77	N77	1.683353	0	3.810523	0	
78	N78	5.421753	0	3.790294	0	
79	N79	4.141686	0	-0.447435	0	
80	N80	5.993368	0	2.800229	0	
81	N81	1.683353	0	3.956357	0	
82	N82	4.267982	0	-0.520352	0	
83	N83	6.049357	0	2.897206	0	
84	N84	5.533732	0	3.790294	0	
85	N85	5.421753	0	3.956357	0	
86	N86	6.137182	0	2.717198	0	
87	N87	5.719376	0	3.302083	0	
88	N88	5.602257	0.166667	3.504939	0	
89	N89	5.602257	0	3.504939	0	
90	N90	5.836495	0.166667	3.099228	0	
91	N91	5.836495	0	3.099228	0	
92	N92	6.291667	3.916667	3.956357	0	
93	N93	-6.291667	3.916667	3.956357	0	
94	N94	0.280472	3.916667	-7.426921	0	
95	N95	6.572139	3.916667	3.470565	0	
96	N96	-6.572139	3.916667	3.470565	0	
97	N97	-0.280472	3.916667	-7.426921	0	
98	N98	4.375	0	3.956357	0	
99	N99	4.375	0	4.206357	0	
100	N100	4.375	3.916667	3.956357	0	
101	N101A	4.375	3.916667	4.206357	0	
102	N102A	1.3125	0	3.956357	0	
103	N103	1.3125	0	4.206357	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
104	N104	1.3125	3.916667	3.956357	0	
105	N105A	1.3125	3.916667	4.206357	0	
106	N106	-1.354167	0	3.956357	0	
107	N107	-1.354167	0	4.206357	0	
108	N108	-1.354167	3.916667	3.956357	0	
109	N109	-1.354167	3.916667	4.206357	0	
110	N110	-4.854167	0	3.956357	0	
111	N111	-4.854167	0	4.206357	0	
112	N112	-4.854167	3.916667	3.956357	0	
113	N113	-4.854167	3.916667	4.206357	0	
114	N114	4.375	5.75	4.206357	0	
115	N115	-1.354167	5.75	4.206357	0	
116	N116	4.375	-3.75	4.206357	0	
117	N117	-1.354167	-3.75	4.206357	0	
118	N118	1.3125	5	4.206357	0	
119	N119	-4.854167	5	4.206357	0	
120	N120	1.3125	-3.083333	4.206357	0	
121	N121	-4.854167	-3.083333	4.206357	0	
122	N122	-5.780472	0	2.099358	0	
123	N123	-5.996978	0	1.974358	0	
124	N124	-5.780472	3.916667	2.099358	0	
125	N125	-5.996978	3.916667	1.974358	0	
126	N126	-4.124222	0	-0.769351	0	
127	N127	-4.340728	0	-0.894351	0	
128	N128	-4.124222	3.916667	-0.769351	0	
129	N129	-4.340728	3.916667	-0.894351	0	
130	N130	-2.665889	0	-3.295259	0	
131	N131A	-2.882395	0	-3.420259	0	
132	N132	-2.665889	3.916667	-3.295259	0	
133	N133	-2.882395	3.916667	-3.420259	0	
134	N134	-1.040889	0	-6.109841	0	
135	N135A	-1.257395	0	-6.234841	0	
136	N136	-1.040889	3.916667	-6.109841	0	
137	N137	-1.257395	3.916667	-6.234841	0	
138	N138	-5.996978	5.75	1.974358	0	
139	N139	-2.882395	5.75	-3.420259	0	
140	N140	-5.996978	-3.75	1.974358	0	
141	N141	-2.882395	-3.75	-3.420259	0	
142	N142	-4.340728	5.041667	-0.894351	0	
143	N143	-1.257395	5.041667	-6.234841	0	
144	N144A	-4.340728	-3.041667	-0.894351	0	
145	N145	-1.257395	-3.041667	-6.234841	0	
146	N146	1.072139	0	-6.055715	0	
147	N147	1.288645	0	-6.180715	0	
148	N148A	1.072139	3.916667	-6.055715	0	
149	N149	1.288645	3.916667	-6.180715	0	
150	N150	2.759639	0	-3.132879	0	
151	N151	2.976145	0	-3.257879	0	
152	N152	2.759639	3.916667	-3.132879	0	
153	N153	2.976145	3.916667	-3.257879	0	
154	N154	4.124222	0	-0.769351	0	
155	N155	4.340728	0	-0.894351	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
156	N156	4.124222	3.916667	-0.769351	0	
157	N157	4.340728	3.916667	-0.894351	0	
158	N158	5.624222	0	1.828725	0	
159	N159	5.840728	0	1.703725	0	
160	N160	5.624222	3.916667	1.828725	0	
161	N161	5.840728	3.916667	1.703725	0	
162	N162	1.288645	5.75	-6.180715	0	
163	N163	4.340728	5.75	-0.894351	0	
164	N164	1.288645	-3.75	-6.180715	0	
165	N165	4.340728	-3.75	-0.894351	0	
166	N166	2.976145	5	-3.257879	0	
167	N167	5.840728	5	1.703725	0	
168	N168	2.976145	-3.083333	-3.257879	0	
169	N169	5.840728	-3.083333	1.703725	0	
170	N170	-5.541667	3.916667	3.956357	0	
171	N171	-5.541667	3.916667	3.85219	0	
172	N172	5.541667	3.916667	3.956357	0	
173	N173	5.541667	3.916667	3.85219	0	
174	N174	6.197139	3.916667	2.821046	0	
175	N175	6.106928	3.916667	2.873129	0	
176	N176	0.655472	3.916667	-6.777402	0	
177	N177	0.565261	3.916667	-6.725319	0	
178	N178	-0.655472	3.916667	-6.777402	0	
179	N179	-0.565261	3.916667	-6.725319	0	
180	N180	-6.197139	3.916667	2.821046	0	
181	N181	-6.106928	3.916667	2.873129	0	
182	N183	-0.	0	-2.5	0	
183	N184	-0.	0	-2	0	
184	N184A	-.25	0	-2.5	0	
185	N185	-.25	0	-2	0	
186	N186	-.25	2.5	-2.5	0	
187	N187	-.25	2.5	-2	0	
188	N188	-.25	-.5	-2.5	0	
189	N189	-.25	-.5	-2	0	
190	N190	-.25	1.5	-2.5	0	
191	N191	-.25	1.5	-2	0	
192	N192	-2.165064	0	1.25	0	
193	N193	-1.732051	0	1	0	
194	N194	-2.040064	0	1.466506	0	
195	N195	-1.607051	0	1.216506	0	
196	N196	-2.040064	2.5	1.466506	0	
197	N197	-1.607051	2.5	1.216506	0	
198	N198	-2.040064	-.5	1.466506	0	
199	N199	-1.607051	-.5	1.216506	0	
200	N200	-2.040064	1.5	1.466506	0	
201	N201	-1.607051	1.5	1.216506	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in ²]	Iyy [in ⁴]	Izz [in ⁴]	J [in ⁴]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2X6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossme...	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail Corner	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
10	TES	L1.5x1.5x3	Beam	Single Angle	A36 Gr.36	Typical	1.09	.962	.962	.012

Cold Formed Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rul...	A [in ²]	Iyy [in ⁴]	Izz [in ⁴]	J [in ⁴]
1	CF1	1.25CS1.25X2	Beam	None	A653 SS Gr33	Typical	.427	.069	.096	.002

Hot Rolled Steel Properties

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

Cold Formed Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E5 F)	Density[k/ft^3]	Yield[ksi]	Fu[ksi]
1	A653 SS Gr33	29500	11346	.3	.65	.49	33	45
2	A653 SS Gr50/1	29500	11346	.3	.65	.49	50	65

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
5	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
6	M35A	N7	N30			RIGID	None	None	RIGID	Typical
7	M36A	N6	N29			RIGID	None	None	RIGID	Typical
8	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
10	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
11	M58	N102	N24			RIGID	None	None	RIGID	Typical
12	M59	N24	N103A			RIGID	None	None	RIGID	Typical
13	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical



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Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
14	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M79	N131	N86A			RIGID	None	None	RIGID	Typical
16	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
17	M83	N135	N86D			RIGID	None	None	RIGID	Typical
18	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M88	N144	N86B			RIGID	None	None	RIGID	Typical
21	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
22	M92	N148	N86E			RIGID	None	None	RIGID	Typical
23	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
24	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
25	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
26	M26	N32	N33			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
27	M27	N34	N35			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
28	M28	N36	N41			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
29	M29	N44	N46			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
30	M30	N45	N37			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
31	M31	N55	N56			Corner Plate	Beam	BAR	A36 Gr.36	Typical
32	M32	N39	N43			RIGID	None	None	RIGID	Typical
33	M33	N38	N42			RIGID	None	None	RIGID	Typical
34	M34	N60	N38			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
35	M35	N39	N62			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
36	M36	N62	N63			RIGID	None	None	RIGID	Typical
37	M37	N45	N40			RIGID	None	None	RIGID	Typical
38	M38	N40	N46			RIGID	None	None	RIGID	Typical
39	M39	N44	N48			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
40	M40	N48	N49			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
41	M41	N49	N53			RIGID	None	None	RIGID	Typical
42	M42	N56	N50			Corner Plate	Beam	BAR	A36 Gr.36	Typical
43	M43A	N50	N57			RIGID	None	None	RIGID	Typical
44	M44	N37	N47			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
45	M45	N47	N51			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M46A	N51	N54			RIGID	None	None	RIGID	Typical
47	M47	N55	N52			Corner Plate	Beam	BAR	A36 Gr.36	Typical
48	M48	N52	N58			RIGID	None	None	RIGID	Typical
49	M49	N63	N59			RIGID	None	None	RIGID	Typical
50	M50A	N59	N61			RIGID	None	None	RIGID	Typical
51	M51C	N60	N61			RIGID	None	None	RIGID	Typical
52	M52A	N64	N69			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
53	M53	N72	N74			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
54	M54	N73	N65			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
55	M55	N83	N84			Corner Plate	Beam	BAR	A36 Gr.36	Typical
56	M56	N67	N71			RIGID	None	None	RIGID	Typical
57	M57	N66	N70			RIGID	None	None	RIGID	Typical
58	M58A	N88	N66			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
59	M59A	N67	N90			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
60	M60	N90	N91			RIGID	None	None	RIGID	Typical
61	M61	N73	N68			RIGID	None	None	RIGID	Typical
62	M62	N68	N74			RIGID	None	None	RIGID	Typical
63	M63	N72	N76			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
64	M64	N76	N77			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
65	M65	N77	N81			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
66	M66	N84	N78			Corner Plate	Beam	BAR	A36 Gr.36	Typical
67	M67	N78	N85			RIGID	None	None	RIGID	Typical
68	M68	N65	N75			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
69	M69	N75	N79			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M70	N79	N82			RIGID	None	None	RIGID	Typical
71	M71	N83	N80			Corner Plate	Beam	BAR	A36 Gr.36	Typical
72	M72	N80	N86			RIGID	None	None	RIGID	Typical
73	M73	N91	N87			RIGID	None	None	RIGID	Typical
74	M74	N87	N89			RIGID	None	None	RIGID	Typical
75	M75	N88	N89			RIGID	None	None	RIGID	Typical
76	M76A	N92	N93			Support Rail	Beam	Pipe	A53 Gr.B	Typical
77	M77A	N94	N95			Support Rail	Beam	Pipe	A53 Gr.B	Typical
78	M78	N96	N97			Support Rail	Beam	Pipe	A53 Gr.B	Typical
79	M79A	N99	N98			RIGID	None	None	RIGID	Typical
80	M80A	N101A	N100			RIGID	None	None	RIGID	Typical
81	M81	N103	N102A			RIGID	None	None	RIGID	Typical
82	M82	N105A	N104			RIGID	None	None	RIGID	Typical
83	M83A	N107	N106			RIGID	None	None	RIGID	Typical
84	M84A	N109	N108			RIGID	None	None	RIGID	Typical
85	M85A	N111	N110			RIGID	None	None	RIGID	Typical
86	M86	N113	N112			RIGID	None	None	RIGID	Typical
87	MP3A	N115	N117			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	MP1A	N114	N116			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP4A	N119	N121			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP2A	N118	N120			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M91A	N123	N122			RIGID	None	None	RIGID	Typical
92	M92A	N125	N124			RIGID	None	None	RIGID	Typical
93	M93	N127	N126			RIGID	None	None	RIGID	Typical
94	M94	N129	N128			RIGID	None	None	RIGID	Typical
95	M95	N131A	N130			RIGID	None	None	RIGID	Typical
96	M96	N133	N132			RIGID	None	None	RIGID	Typical
97	M97	N135A	N134			RIGID	None	None	RIGID	Typical
98	M98	N137	N136			RIGID	None	None	RIGID	Typical
99	MP3B	N139	N141			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	MP1B	N138	N140			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
101	MP4B	N143	N145			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	MP2B	N142	N144A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	M103	N147	N146			RIGID	None	None	RIGID	Typical
104	M104	N149	N148A			RIGID	None	None	RIGID	Typical
105	M105	N151	N150			RIGID	None	None	RIGID	Typical
106	M106	N153	N152			RIGID	None	None	RIGID	Typical
107	M107	N155	N154			RIGID	None	None	RIGID	Typical
108	M108	N157	N156			RIGID	None	None	RIGID	Typical
109	M109	N159	N158			RIGID	None	None	RIGID	Typical
110	M110	N161	N160			RIGID	None	None	RIGID	Typical
111	MP3C	N163	N165			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
112	MP1C	N162	N164			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
113	MP4C	N167	N169			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
114	MP2C	N166	N168			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
115	M115	N170	N171			RIGID	None	None	RIGID	Typical
116	M116	N172	N173			RIGID	None	None	RIGID	Typical
117	M117	N174	N175			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
118	M118	N176	N177			RIGID	None	None	RIGID	Typical
119	M119	N178	N179			RIGID	None	None	RIGID	Typical
120	M120	N180	N181			RIGID	None	None	RIGID	Typical
121	M121	N171	N181		270	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
122	M122	N175	N173		270	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
123	M123	N179	N177		270	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
124	M124	N184	N185			RIGID	None	None	RIGID	Typical
125	M125	N183	N184A			RIGID	None	None	RIGID	Typical
126	M126	N187	N189		90	CF1	Beam	None	A653 SS ...	Typical
127	M127	N186	N188		90	CF1	Beam	None	A653 SS ...	Typical
128	O1	N191	N190			RIGID	None	None	RIGID	Typical
129	M129	N193	N195			RIGID	None	None	RIGID	Typical
130	M130	N192	N194			RIGID	None	None	RIGID	Typical
131	M131	N197	N199		90	CF1	Beam	None	A653 SS ...	Typical
132	M132	N196	N198		90	CF1	Beam	None	A653 SS ...	Typical
133	O2	N201	N200			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...Analysis ...	Inactive	Seismic...
1	M1						Yes	Default		None
2	M4						Yes			None
3	M10						Yes	Default		None
4	M43						Yes	Default		None
5	M46						Yes	Default		None
6	M35A						Yes	** NA **		None
7	M36A						Yes	** NA **		None
8	M51B	OOOOOX	OOOOOX				Yes	Default		None
9	M52B	OOOOOX	OOOOOX				Yes	Default		None
10	M52						Yes	** NA **		None
11	M58						Yes	** NA **		None
12	M59						Yes	** NA **		None
13	M76						Yes	** NA **		None
14	M77						Yes	** NA **		None
15	M79		BenPIN				Yes	** NA **		None
16	M80						Yes			None
17	M83		BenPIN				Yes	** NA **		None
18	M84						Yes	** NA **		None
19	M85						Yes	** NA **		None
20	M88		BenPIN				Yes	** NA **		None
21	M91						Yes			None
22	M92		BenPIN				Yes	** NA **		None
23	M50						Yes	** NA **		None
24	M51						Yes	** NA **		None
25	M51A						Yes	** NA **		None
26	M26						Yes	Default		None
27	M27						Yes	Default		None
28	M28						Yes			None
29	M29						Yes	Default		None
30	M30						Yes	Default		None
31	M31						Yes	Default		None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
32	M32						Yes	** NA **			None
33	M33						Yes	** NA **			None
34	M34	OOOOOX	OOOOOX				Yes	Default			None
35	M35	OOOOOX	OOOOOX				Yes	Default			None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38						Yes	** NA **			None
39	M39						Yes	** NA **			None
40	M40						Yes	** NA **			None
41	M41		BenPIN				Yes	** NA **			None
42	M42						Yes				None
43	M43A		BenPIN				Yes	** NA **			None
44	M44						Yes	** NA **			None
45	M45						Yes	** NA **			None
46	M46A		BenPIN				Yes	** NA **			None
47	M47						Yes				None
48	M48		BenPIN				Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50A						Yes	** NA **			None
51	M51C						Yes	** NA **			None
52	M52A						Yes				None
53	M53						Yes	Default			None
54	M54						Yes	Default			None
55	M55						Yes	Default			None
56	M56						Yes	** NA **			None
57	M57						Yes	** NA **			None
58	M58A	OOOOOX	OOOOOX				Yes	Default			None
59	M59A	OOOOOX	OOOOOX				Yes	Default			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64						Yes	** NA **			None
65	M65		BenPIN				Yes	** NA **			None
66	M66						Yes				None
67	M67		BenPIN				Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70		BenPIN				Yes	** NA **			None
71	M71						Yes				None
72	M72		BenPIN				Yes	** NA **			None
73	M73						Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76A						Yes	Default			None
77	M77A						Yes	Default			None
78	M78						Yes	Default			None
79	M79A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	M82						Yes	** NA **			None
83	M83A						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
84	M84A						Yes	** NA **			None
85	M85A						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	MP3A						Yes	** NA **			None
88	MP1A						Yes	** NA **			None
89	MP4A						Yes	** NA **			None
90	MP2A						Yes	** NA **			None
91	M91A						Yes	** NA **			None
92	M92A						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	MP3B						Yes	** NA **			None
100	MP1B						Yes	** NA **			None
101	MP4B						Yes	** NA **			None
102	MP2B						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	MP3C						Yes	** NA **			None
112	MP1C						Yes	** NA **			None
113	MP4C						Yes	** NA **			None
114	MP2C						Yes	** NA **			None
115	M115	O O O O O X					Yes	** NA **			None
116	M116	O O O O O X					Yes	** NA **			None
117	M117	O O O O O X					Yes	** NA **			None
118	M118	O O O O O X					Yes	** NA **			None
119	M119	O O O O O X					Yes	** NA **			None
120	M120	O O O O O X					Yes	** NA **			None
121	M121						Yes				None
122	M122						Yes				None
123	M123						Yes				None
124	M124						Yes	** NA **			None
125	M125						Yes	** NA **			None
126	M126						Yes				None
127	M127						Yes				None
128	O1						Yes	** NA **			None
129	M129						Yes	** NA **			None
130	M130						Yes	** NA **			None
131	M131						Yes				None
132	M132						Yes				None
133	O2						Yes	** NA **			None



Company :
 Designer :
 Job Number :
 Model Name :

Oct 6, 2021
 10:34 AM
 Checked By: _____

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP2A	Y	-47	1
2	MP2A	My	-.035	1
3	MP2A	Mz	0	1
4	MP2A	Y	-47	5
5	MP2A	My	-.035	5
6	MP2A	Mz	0	5
7	MP2B	Y	-47	1
8	MP2B	My	.012	1
9	MP2B	Mz	-.033	1
10	MP2B	Y	-47	5
11	MP2B	My	.012	5
12	MP2B	Mz	-.033	5
13	MP2C	Y	-47	1
14	MP2C	My	.018	1
15	MP2C	Mz	.031	1
16	MP2C	Y	-47	5
17	MP2C	My	.018	5
18	MP2C	Mz	.031	5
19	O1	Y	-32	.25
20	O1	My	0	.25
21	O1	Mz	0	.25
22	MP3A	Y	-23	1.5
23	MP3A	My	-.019	1.5
24	MP3A	Mz	-.015	1.5
25	MP3A	Y	-23	5.5
26	MP3A	My	-.019	5.5
27	MP3A	Mz	-.015	5.5
28	MP3B	Y	-23	1.5
29	MP3B	My	.021	1.5
30	MP3B	Mz	-.013	1.5
31	MP3B	Y	-23	5.5
32	MP3B	My	.021	5.5
33	MP3B	Mz	-.013	5.5
34	MP3C	Y	-23	1.5
35	MP3C	My	-.004	1.5
36	MP3C	Mz	.024	1.5
37	MP3C	Y	-23	5.5
38	MP3C	My	-.004	5.5
39	MP3C	Mz	.024	5.5
40	MP3A	Y	-23	1.5
41	MP3A	My	-.019	1.5
42	MP3A	Mz	.015	1.5
43	MP3A	Y	-23	5.5
44	MP3A	My	-.019	5.5
45	MP3A	Mz	.015	5.5
46	MP3B	Y	-23	1.5
47	MP3B	My	-.008	1.5
48	MP3B	Mz	-.023	1.5
49	MP3B	Y	-23	5.5
50	MP3B	My	-.008	5.5
51	MP3B	Mz	-.023	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3C	Y	-23	1.5
53	MP3C	My	.023	1.5
54	MP3C	Mz	.009	1.5
55	MP3C	Y	-23	5.5
56	MP3C	My	.023	5.5
57	MP3C	Mz	.009	5.5
58	MP4A	Y	-43.55	2
59	MP4A	My	-.036	2
60	MP4A	Mz	0	2
61	MP4A	Y	-43.55	4
62	MP4A	My	-.036	4
63	MP4A	Mz	0	4
64	MP4B	Y	-43.55	2
65	MP4B	My	.012	2
66	MP4B	Mz	-.034	2
67	MP4B	Y	-43.55	4
68	MP4B	My	.012	4
69	MP4B	Mz	-.034	4
70	MP4C	Y	-43.55	2
71	MP4C	My	.018	2
72	MP4C	Mz	.031	2
73	MP4C	Y	-43.55	4
74	MP4C	My	.018	4
75	MP4C	Mz	.031	4
76	MP3A	Y	-74.7	3
77	MP3A	My	.037	3
78	MP3A	Mz	0	3
79	MP3B	Y	-74.7	3
80	MP3B	My	-.013	3
81	MP3B	Mz	.035	3
82	MP3C	Y	-74.7	3
83	MP3C	My	-.019	3
84	MP3C	Mz	-.032	3
85	MP2A	Y	-70.3	2.5
86	MP2A	My	.035	2.5
87	MP2A	Mz	0	2.5
88	MP2B	Y	-70.3	2.5
89	MP2B	My	-.012	2.5
90	MP2B	Mz	.033	2.5
91	MP2C	Y	-70.3	2.5
92	MP2C	My	-.018	2.5
93	MP2C	Mz	-.03	2.5
94	O2	Y	-32	.25
95	O2	My	0	.25
96	O2	Mz	0	.25

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-63.751	1
2	MP2A	My	-.048	1
3	MP2A	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP2A	Y	-63.751	5
5	MP2A	My	-.048	5
6	MP2A	Mz	0	5
7	MP2B	Y	-63.751	1
8	MP2B	My	.016	1
9	MP2B	Mz	-.045	1
10	MP2B	Y	-63.751	5
11	MP2B	My	.016	5
12	MP2B	Mz	-.045	5
13	MP2C	Y	-63.751	1
14	MP2C	My	.024	1
15	MP2C	Mz	.041	1
16	MP2C	Y	-63.751	5
17	MP2C	My	.024	5
18	MP2C	Mz	.041	5
19	O1	Y	-88.639	.25
20	O1	My	0	.25
21	O1	Mz	0	.25
22	MP3A	Y	-83.138	1.5
23	MP3A	My	-.069	1.5
24	MP3A	Mz	-.055	1.5
25	MP3A	Y	-83.138	5.5
26	MP3A	My	-.069	5.5
27	MP3A	Mz	-.055	5.5
28	MP3B	Y	-83.138	1.5
29	MP3B	My	.076	1.5
30	MP3B	Mz	-.046	1.5
31	MP3B	Y	-83.138	5.5
32	MP3B	My	.076	5.5
33	MP3B	Mz	-.046	5.5
34	MP3C	Y	-83.138	1.5
35	MP3C	My	-.013	1.5
36	MP3C	Mz	.088	1.5
37	MP3C	Y	-83.138	5.5
38	MP3C	My	-.013	5.5
39	MP3C	Mz	.088	5.5
40	MP3A	Y	-83.138	1.5
41	MP3A	My	-.069	1.5
42	MP3A	Mz	.055	1.5
43	MP3A	Y	-83.138	5.5
44	MP3A	My	-.069	5.5
45	MP3A	Mz	.055	5.5
46	MP3B	Y	-83.138	1.5
47	MP3B	My	-.028	1.5
48	MP3B	Mz	-.084	1.5
49	MP3B	Y	-83.138	5.5
50	MP3B	My	-.028	5.5
51	MP3B	Mz	-.084	5.5
52	MP3C	Y	-83.138	1.5
53	MP3C	My	.083	1.5
54	MP3C	Mz	.032	1.5
55	MP3C	Y	-83.138	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
56	MP3C	My	.083	5.5
57	MP3C	Mz	.032	5.5
58	MP4A	Y	-35.913	2
59	MP4A	My	-.03	2
60	MP4A	Mz	0	2
61	MP4A	Y	-35.913	4
62	MP4A	My	-.03	4
63	MP4A	Mz	0	4
64	MP4B	Y	-35.913	2
65	MP4B	My	.01	2
66	MP4B	Mz	-.028	2
67	MP4B	Y	-35.913	4
68	MP4B	My	.01	4
69	MP4B	Mz	-.028	4
70	MP4C	Y	-35.913	2
71	MP4C	My	.015	2
72	MP4C	Mz	.026	2
73	MP4C	Y	-35.913	4
74	MP4C	My	.015	4
75	MP4C	Mz	.026	4
76	MP3A	Y	-45.283	3
77	MP3A	My	.023	3
78	MP3A	Mz	0	3
79	MP3B	Y	-45.283	3
80	MP3B	My	-.008	3
81	MP3B	Mz	.021	3
82	MP3C	Y	-45.283	3
83	MP3C	My	-.011	3
84	MP3C	Mz	-.02	3
85	MP2A	Y	-43.124	2.5
86	MP2A	My	.022	2.5
87	MP2A	Mz	0	2.5
88	MP2B	Y	-43.124	2.5
89	MP2B	My	-.007	2.5
90	MP2B	Mz	.02	2.5
91	MP2C	Y	-43.124	2.5
92	MP2C	My	-.011	2.5
93	MP2C	Mz	-.019	2.5
94	O2	Y	-88.639	.25
95	O2	My	0	.25
96	O2	Mz	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-137.411	1
3	MP2A	Mx	0	1
4	MP2A	X	0	5
5	MP2A	Z	-137.411	5
6	MP2A	Mx	0	5
7	MP2B	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4A	Mx	0	2
61	MP4A	X	0	4
62	MP4A	Z	-75.097	4
63	MP4A	Mx	0	4
64	MP4B	X	0	2
65	MP4B	Z	-34.746	2
66	MP4B	Mx	.027	2
67	MP4B	X	0	4
68	MP4B	Z	-34.746	4
69	MP4B	Mx	.027	4
70	MP4C	X	0	2
71	MP4C	Z	-40.824	2
72	MP4C	Mx	-.029	2
73	MP4C	X	0	4
74	MP4C	Z	-40.824	4
75	MP4C	Mx	-.029	4
76	MP3A	X	0	3
77	MP3A	Z	-59.758	3
78	MP3A	Mx	0	3
79	MP3B	X	0	3
80	MP3B	Z	-42.263	3
81	MP3B	Mx	-.02	3
82	MP3C	X	0	3
83	MP3C	Z	-44.898	3
84	MP3C	Mx	.019	3
85	MP2A	X	0	2.5
86	MP2A	Z	-59.758	2.5
87	MP2A	Mx	0	2.5
88	MP2B	X	0	2.5
89	MP2B	Z	-39.088	2.5
90	MP2B	Mx	-.018	2.5
91	MP2C	X	0	2.5
92	MP2C	Z	-42.202	2.5
93	MP2C	Mx	.018	2.5
94	O2	X	0	.25
95	O2	Z	-126.143	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	62.625	1
2	MP2A	Z	-108.469	1
3	MP2A	Mx	-.047	1
4	MP2A	X	62.625	5
5	MP2A	Z	-108.469	5
6	MP2A	Mx	-.047	5
7	MP2B	X	45.117	1
8	MP2B	Z	-78.144	1
9	MP2B	Mx	.067	1
10	MP2B	X	45.117	5
11	MP2B	Z	-78.144	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	.067	5
13	MP2C	X	62.625	1
14	MP2C	Z	-108.469	1
15	MP2C	Mx	-.047	1
16	MP2C	X	62.625	5
17	MP2C	Z	-108.469	5
18	MP2C	Mx	-.047	5
19	O1	X	64.407	.25
20	O1	Z	-111.556	.25
21	O1	Mx	0	.25
22	MP3A	X	73.794	1.5
23	MP3A	Z	-127.815	1.5
24	MP3A	Mx	.024	1.5
25	MP3A	X	73.794	5.5
26	MP3A	Z	-127.815	5.5
27	MP3A	Mx	.024	5.5
28	MP3B	X	59.233	1.5
29	MP3B	Z	-102.594	1.5
30	MP3B	Mx	.111	1.5
31	MP3B	X	59.233	5.5
32	MP3B	Z	-102.594	5.5
33	MP3B	Mx	.111	5.5
34	MP3C	X	73.794	1.5
35	MP3C	Z	-127.815	1.5
36	MP3C	Mx	-.147	1.5
37	MP3C	X	73.794	5.5
38	MP3C	Z	-127.815	5.5
39	MP3C	Mx	-.147	5.5
40	MP3A	X	73.794	1.5
41	MP3A	Z	-127.815	1.5
42	MP3A	Mx	-.147	1.5
43	MP3A	X	73.794	5.5
44	MP3A	Z	-127.815	5.5
45	MP3A	Mx	-.147	5.5
46	MP3B	X	59.233	1.5
47	MP3B	Z	-102.594	1.5
48	MP3B	Mx	.084	1.5
49	MP3B	X	59.233	5.5
50	MP3B	Z	-102.594	5.5
51	MP3B	Mx	.084	5.5
52	MP3C	X	73.794	1.5
53	MP3C	Z	-127.815	1.5
54	MP3C	Mx	.024	1.5
55	MP3C	X	73.794	5.5
56	MP3C	Z	-127.815	5.5
57	MP3C	Mx	.024	5.5
58	MP4A	X	31.836	2
59	MP4A	Z	-55.142	2
60	MP4A	Mx	-.027	2
61	MP4A	X	31.836	4
62	MP4A	Z	-55.142	4
63	MP4A	Mx	-.027	4



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP4B	X	15.389	2
65	MP4B	Z	-26.655	2
66	MP4B	Mx	.025	2
67	MP4B	X	15.389	4
68	MP4B	Z	-26.655	4
69	MP4B	Mx	.025	4
70	MP4C	X	31.836	2
71	MP4C	Z	-55.142	2
72	MP4C	Mx	-.027	2
73	MP4C	X	31.836	4
74	MP4C	Z	-55.142	4
75	MP4C	Mx	-.027	4
76	MP3A	X	27.402	3
77	MP3A	Z	-47.462	3
78	MP3A	Mx	.014	3
79	MP3B	X	20.271	3
80	MP3B	Z	-35.111	3
81	MP3B	Mx	-.02	3
82	MP3C	X	27.402	3
83	MP3C	Z	-47.462	3
84	MP3C	Mx	.014	3
85	MP2A	X	26.953	2.5
86	MP2A	Z	-46.684	2.5
87	MP2A	Mx	.013	2.5
88	MP2B	X	18.528	2.5
89	MP2B	Z	-32.091	2.5
90	MP2B	Mx	-.018	2.5
91	MP2C	X	26.953	2.5
92	MP2C	Z	-46.684	2.5
93	MP2C	Mx	.013	2.5
94	O2	X	64.407	.25
95	O2	Z	-111.556	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	87.406	1
2	MP2A	Z	-50.464	1
3	MP2A	Mx	-.066	1
4	MP2A	X	87.406	5
5	MP2A	Z	-50.464	5
6	MP2A	Mx	-.066	5
7	MP2B	X	94.28	1
8	MP2B	Z	-54.433	1
9	MP2B	Mx	.063	1
10	MP2B	X	94.28	5
11	MP2B	Z	-54.433	5
12	MP2B	Mx	.063	5
13	MP2C	X	119.001	1
14	MP2C	Z	-68.705	1
15	MP2C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
68	MP4B	Z	-24.14	4
69	MP4B	Mx	.031	4
70	MP4C	X	65.035	2
71	MP4C	Z	-37.548	2
72	MP4C	Mx	0	2
73	MP4C	X	65.035	4
74	MP4C	Z	-37.548	4
75	MP4C	Mx	0	4
76	MP3A	X	38.883	3
77	MP3A	Z	-22.449	3
78	MP3A	Mx	.019	3
79	MP3B	X	41.683	3
80	MP3B	Z	-24.066	3
81	MP3B	Mx	-.018	3
82	MP3C	X	51.752	3
83	MP3C	Z	-29.879	3
84	MP3C	Mx	0	3
85	MP2A	X	36.548	2.5
86	MP2A	Z	-21.101	2.5
87	MP2A	Mx	.018	2.5
88	MP2B	X	39.856	2.5
89	MP2B	Z	-23.011	2.5
90	MP2B	Mx	-.018	2.5
91	MP2C	X	51.752	2.5
92	MP2C	Z	-29.879	2.5
93	MP2C	Mx	0	2.5
94	O2	X	101.353	.25
95	O2	Z	-58.516	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP2A	X	88.767	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.067	1
4	MP2A	X	88.767	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.067	5
7	MP2B	X	131.72	1
8	MP2B	Z	0	1
9	MP2B	Mx	.034	1
10	MP2B	X	131.72	5
11	MP2B	Z	0	5
12	MP2B	Mx	.034	5
13	MP2C	X	125.25	1
14	MP2C	Z	0	1
15	MP2C	Mx	.047	1
16	MP2C	X	125.25	5
17	MP2C	Z	0	5
18	MP2C	Mx	.047	5
19	O1	X	102.582	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	O1	Z	0	.25
21	O1	Mx	0	.25
22	MP3A	X	117.246	1.5
23	MP3A	Z	0	1.5
24	MP3A	Mx	-.098	1.5
25	MP3A	X	117.246	5.5
26	MP3A	Z	0	5.5
27	MP3A	Mx	-.098	5.5
28	MP3B	X	152.97	1.5
29	MP3B	Z	0	1.5
30	MP3B	Mx	.139	1.5
31	MP3B	X	152.97	5.5
32	MP3B	Z	0	5.5
33	MP3B	Mx	.139	5.5
34	MP3C	X	147.588	1.5
35	MP3C	Z	0	1.5
36	MP3C	Mx	-.024	1.5
37	MP3C	X	147.588	5.5
38	MP3C	Z	0	5.5
39	MP3C	Mx	-.024	5.5
40	MP3A	X	117.246	1.5
41	MP3A	Z	0	1.5
42	MP3A	Mx	-.098	1.5
43	MP3A	X	117.246	5.5
44	MP3A	Z	0	5.5
45	MP3A	Mx	-.098	5.5
46	MP3B	X	152.97	1.5
47	MP3B	Z	0	1.5
48	MP3B	Mx	-.052	1.5
49	MP3B	X	152.97	5.5
50	MP3B	Z	0	5.5
51	MP3B	Mx	-.052	5.5
52	MP3C	X	147.588	1.5
53	MP3C	Z	0	1.5
54	MP3C	Mx	.147	1.5
55	MP3C	X	147.588	5.5
56	MP3C	Z	0	5.5
57	MP3C	Mx	.147	5.5
58	MP4A	X	29.4	2
59	MP4A	Z	0	2
60	MP4A	Mx	-.025	2
61	MP4A	X	29.4	4
62	MP4A	Z	0	4
63	MP4A	Mx	-.025	4
64	MP4B	X	69.751	2
65	MP4B	Z	0	2
66	MP4B	Mx	.02	2
67	MP4B	X	69.751	4
68	MP4B	Z	0	4
69	MP4B	Mx	.02	4
70	MP4C	X	63.672	2
71	MP4C	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP4C	Mx	.027	2
73	MP4C	X	63.672	4
74	MP4C	Z	0	4
75	MP4C	Mx	.027	4
76	MP3A	X	39.945	3
77	MP3A	Z	0	3
78	MP3A	Mx	.02	3
79	MP3B	X	57.44	3
80	MP3B	Z	0	3
81	MP3B	Mx	-.01	3
82	MP3C	X	54.804	3
83	MP3C	Z	0	3
84	MP3C	Mx	-.014	3
85	MP2A	X	36.35	2.5
86	MP2A	Z	0	2.5
87	MP2A	Mx	.018	2.5
88	MP2B	X	57.019	2.5
89	MP2B	Z	0	2.5
90	MP2B	Mx	-.01	2.5
91	MP2C	X	53.906	2.5
92	MP2C	Z	0	2.5
93	MP2C	Mx	-.013	2.5
94	O2	X	102.582	.25
95	O2	Z	0	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	87.406	1
2	MP2A	Z	50.464	1
3	MP2A	Mx	-.066	1
4	MP2A	X	87.406	5
5	MP2A	Z	50.464	5
6	MP2A	Mx	-.066	5
7	MP2B	X	117.731	1
8	MP2B	Z	67.972	1
9	MP2B	Mx	-.018	1
10	MP2B	X	117.731	5
11	MP2B	Z	67.972	5
12	MP2B	Mx	-.018	5
13	MP2C	X	87.406	1
14	MP2C	Z	50.464	1
15	MP2C	Mx	.066	1
16	MP2C	X	87.406	5
17	MP2C	Z	50.464	5
18	MP2C	Mx	.066	5
19	O1	X	86.526	.25
20	O1	Z	49.956	.25
21	O1	Mx	0	.25
22	MP3A	X	110.297	1.5
23	MP3A	Z	63.68	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP3A	Mx	-.134	1.5
25	MP3A	X	110.297	5.5
26	MP3A	Z	63.68	5.5
27	MP3A	Mx	-.134	5.5
28	MP3B	X	135.518	1.5
29	MP3B	Z	78.241	1.5
30	MP3B	Mx	.08	1.5
31	MP3B	X	135.518	5.5
32	MP3B	Z	78.241	5.5
33	MP3B	Mx	.08	5.5
34	MP3C	X	110.297	1.5
35	MP3C	Z	63.68	1.5
36	MP3C	Mx	.049	1.5
37	MP3C	X	110.297	5.5
38	MP3C	Z	63.68	5.5
39	MP3C	Mx	.049	5.5
40	MP3A	X	110.297	1.5
41	MP3A	Z	63.68	1.5
42	MP3A	Mx	-.049	1.5
43	MP3A	X	110.297	5.5
44	MP3A	Z	63.68	5.5
45	MP3A	Mx	-.049	5.5
46	MP3B	X	135.518	1.5
47	MP3B	Z	78.241	1.5
48	MP3B	Mx	-.125	1.5
49	MP3B	X	135.518	5.5
50	MP3B	Z	78.241	5.5
51	MP3B	Mx	-.125	5.5
52	MP3C	X	110.297	1.5
53	MP3C	Z	63.68	1.5
54	MP3C	Mx	.134	1.5
55	MP3C	X	110.297	5.5
56	MP3C	Z	63.68	5.5
57	MP3C	Mx	.134	5.5
58	MP4A	X	35.355	2
59	MP4A	Z	20.412	2
60	MP4A	Mx	-.029	2
61	MP4A	X	35.355	4
62	MP4A	Z	20.412	4
63	MP4A	Mx	-.029	4
64	MP4B	X	63.842	2
65	MP4B	Z	36.859	2
66	MP4B	Mx	-.011	2
67	MP4B	X	63.842	4
68	MP4B	Z	36.859	4
69	MP4B	Mx	-.011	4
70	MP4C	X	35.355	2
71	MP4C	Z	20.412	2
72	MP4C	Mx	.029	2
73	MP4C	X	35.355	4
74	MP4C	Z	20.412	4
75	MP4C	Mx	.029	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP3A	X	38.883	3
77	MP3A	Z	22.449	3
78	MP3A	Mx	.019	3
79	MP3B	X	51.234	3
80	MP3B	Z	29.58	3
81	MP3B	Mx	.005	3
82	MP3C	X	38.883	3
83	MP3C	Z	22.449	3
84	MP3C	Mx	-.019	3
85	MP2A	X	36.548	2.5
86	MP2A	Z	21.101	2.5
87	MP2A	Mx	.018	2.5
88	MP2B	X	51.14	2.5
89	MP2B	Z	29.526	2.5
90	MP2B	Mx	.005	2.5
91	MP2C	X	36.548	2.5
92	MP2C	Z	21.101	2.5
93	MP2C	Mx	-.018	2.5
94	O2	X	86.526	.25
95	O2	Z	49.956	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	62.625	1
2	MP2A	Z	108.469	1
3	MP2A	Mx	-.047	1
4	MP2A	X	62.625	5
5	MP2A	Z	108.469	5
6	MP2A	Mx	-.047	5
7	MP2B	X	58.656	1
8	MP2B	Z	101.595	1
9	MP2B	Mx	-.057	1
10	MP2B	X	58.656	5
11	MP2B	Z	101.595	5
12	MP2B	Mx	-.057	5
13	MP2C	X	44.383	1
14	MP2C	Z	76.874	1
15	MP2C	Mx	.067	1
16	MP2C	X	44.383	5
17	MP2C	Z	76.874	5
18	MP2C	Mx	.067	5
19	O1	X	55.846	.25
20	O1	Z	96.728	.25
21	O1	Mx	0	.25
22	MP3A	X	73.794	1.5
23	MP3A	Z	127.815	1.5
24	MP3A	Mx	-.147	1.5
25	MP3A	X	73.794	5.5
26	MP3A	Z	127.815	5.5
27	MP3A	Mx	-.147	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP3B	X	70.493	1.5
29	MP3B	Z	122.098	1.5
30	MP3B	Mx	-.004	1.5
31	MP3B	X	70.493	5.5
32	MP3B	Z	122.098	5.5
33	MP3B	Mx	-.004	5.5
34	MP3C	X	58.623	1.5
35	MP3C	Z	101.538	1.5
36	MP3C	Mx	.098	1.5
37	MP3C	X	58.623	5.5
38	MP3C	Z	101.538	5.5
39	MP3C	Mx	.098	5.5
40	MP3A	X	73.794	1.5
41	MP3A	Z	127.815	1.5
42	MP3A	Mx	.024	1.5
43	MP3A	X	73.794	5.5
44	MP3A	Z	127.815	5.5
45	MP3A	Mx	.024	5.5
46	MP3B	X	70.493	1.5
47	MP3B	Z	122.098	1.5
48	MP3B	Mx	-.148	1.5
49	MP3B	X	70.493	5.5
50	MP3B	Z	122.098	5.5
51	MP3B	Mx	-.148	5.5
52	MP3C	X	58.623	1.5
53	MP3C	Z	101.538	1.5
54	MP3C	Mx	.098	1.5
55	MP3C	X	58.623	5.5
56	MP3C	Z	101.538	5.5
57	MP3C	Mx	.098	5.5
58	MP4A	X	31.836	2
59	MP4A	Z	55.142	2
60	MP4A	Mx	-.027	2
61	MP4A	X	31.836	4
62	MP4A	Z	55.142	4
63	MP4A	Mx	-.027	4
64	MP4B	X	28.108	2
65	MP4B	Z	48.684	2
66	MP4B	Mx	-.03	2
67	MP4B	X	28.108	4
68	MP4B	Z	48.684	4
69	MP4B	Mx	-.03	4
70	MP4C	X	14.7	2
71	MP4C	Z	25.461	2
72	MP4C	Mx	.025	2
73	MP4C	X	14.7	4
74	MP4C	Z	25.461	4
75	MP4C	Mx	.025	4
76	MP3A	X	27.402	3
77	MP3A	Z	47.462	3
78	MP3A	Mx	.014	3
79	MP3B	X	25.786	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3B	Z	44.662	3
81	MP3B	Mx	.017	3
82	MP3C	X	19.972	3
83	MP3C	Z	34.593	3
84	MP3C	Mx	-.02	3
85	MP2A	X	26.953	2.5
86	MP2A	Z	46.684	2.5
87	MP2A	Mx	.013	2.5
88	MP2B	X	25.043	2.5
89	MP2B	Z	43.376	2.5
90	MP2B	Mx	.016	2.5
91	MP2C	X	18.175	2.5
92	MP2C	Z	31.48	2.5
93	MP2C	Mx	-.018	2.5
94	O2	X	55.846	.25
95	O2	Z	96.728	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	137.411	1
3	MP2A	Mx	0	1
4	MP2A	X	0	5
5	MP2A	Z	137.411	5
6	MP2A	Mx	0	5
7	MP2B	X	0	1
8	MP2B	Z	94.457	1
9	MP2B	Mx	-.067	1
10	MP2B	X	0	5
11	MP2B	Z	94.457	5
12	MP2B	Mx	-.067	5
13	MP2C	X	0	1
14	MP2C	Z	100.928	1
15	MP2C	Mx	.066	1
16	MP2C	X	0	5
17	MP2C	Z	100.928	5
18	MP2C	Mx	.066	5
19	O1	X	0	.25
20	O1	Z	126.143	.25
21	O1	Mx	0	.25
22	MP3A	X	0	1.5
23	MP3A	Z	157.703	1.5
24	MP3A	Mx	-.105	1.5
25	MP3A	X	0	5.5
26	MP3A	Z	157.703	5.5
27	MP3A	Mx	-.105	5.5
28	MP3B	X	0	1.5
29	MP3B	Z	121.978	1.5
30	MP3B	Mx	-.068	1.5
31	MP3B	X	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3C	Mx	-.019	3
85	MP2A	X	0	2.5
86	MP2A	Z	59.758	2.5
87	MP2A	Mx	0	2.5
88	MP2B	X	0	2.5
89	MP2B	Z	39.088	2.5
90	MP2B	Mx	.018	2.5
91	MP2C	X	0	2.5
92	MP2C	Z	42.202	2.5
93	MP2C	Mx	-.018	2.5
94	O2	X	0	.25
95	O2	Z	126.143	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-62.625	1
2	MP2A	Z	108.469	1
3	MP2A	Mx	.047	1
4	MP2A	X	-62.625	5
5	MP2A	Z	108.469	5
6	MP2A	Mx	.047	5
7	MP2B	X	-45.117	1
8	MP2B	Z	78.144	1
9	MP2B	Mx	-.067	1
10	MP2B	X	-45.117	5
11	MP2B	Z	78.144	5
12	MP2B	Mx	-.067	5
13	MP2C	X	-62.625	1
14	MP2C	Z	108.469	1
15	MP2C	Mx	.047	1
16	MP2C	X	-62.625	5
17	MP2C	Z	108.469	5
18	MP2C	Mx	.047	5
19	O1	X	-64.407	.25
20	O1	Z	111.556	.25
21	O1	Mx	0	.25
22	MP3A	X	-73.794	1.5
23	MP3A	Z	127.815	1.5
24	MP3A	Mx	-.024	1.5
25	MP3A	X	-73.794	5.5
26	MP3A	Z	127.815	5.5
27	MP3A	Mx	-.024	5.5
28	MP3B	X	-59.233	1.5
29	MP3B	Z	102.594	1.5
30	MP3B	Mx	-.111	1.5
31	MP3B	X	-59.233	5.5
32	MP3B	Z	102.594	5.5
33	MP3B	Mx	-.111	5.5
34	MP3C	X	-73.794	1.5
35	MP3C	Z	127.815	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	.147	1.5
37	MP3C	X	-73.794	5.5
38	MP3C	Z	127.815	5.5
39	MP3C	Mx	.147	5.5
40	MP3A	X	-73.794	1.5
41	MP3A	Z	127.815	1.5
42	MP3A	Mx	.147	1.5
43	MP3A	X	-73.794	5.5
44	MP3A	Z	127.815	5.5
45	MP3A	Mx	.147	5.5
46	MP3B	X	-59.233	1.5
47	MP3B	Z	102.594	1.5
48	MP3B	Mx	-.084	1.5
49	MP3B	X	-59.233	5.5
50	MP3B	Z	102.594	5.5
51	MP3B	Mx	-.084	5.5
52	MP3C	X	-73.794	1.5
53	MP3C	Z	127.815	1.5
54	MP3C	Mx	-.024	1.5
55	MP3C	X	-73.794	5.5
56	MP3C	Z	127.815	5.5
57	MP3C	Mx	-.024	5.5
58	MP4A	X	-31.836	2
59	MP4A	Z	55.142	2
60	MP4A	Mx	.027	2
61	MP4A	X	-31.836	4
62	MP4A	Z	55.142	4
63	MP4A	Mx	.027	4
64	MP4B	X	-15.389	2
65	MP4B	Z	26.655	2
66	MP4B	Mx	-.025	2
67	MP4B	X	-15.389	4
68	MP4B	Z	26.655	4
69	MP4B	Mx	-.025	4
70	MP4C	X	-31.836	2
71	MP4C	Z	55.142	2
72	MP4C	Mx	.027	2
73	MP4C	X	-31.836	4
74	MP4C	Z	55.142	4
75	MP4C	Mx	.027	4
76	MP3A	X	-27.402	3
77	MP3A	Z	47.462	3
78	MP3A	Mx	-.014	3
79	MP3B	X	-20.271	3
80	MP3B	Z	35.111	3
81	MP3B	Mx	.02	3
82	MP3C	X	-27.402	3
83	MP3C	Z	47.462	3
84	MP3C	Mx	-.014	3
85	MP2A	X	-26.953	2.5
86	MP2A	Z	46.684	2.5
87	MP2A	Mx	-.013	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP2B	X	-18.528	2.5
89	MP2B	Z	32.091	2.5
90	MP2B	Mx	.018	2.5
91	MP2C	X	-26.953	2.5
92	MP2C	Z	46.684	2.5
93	MP2C	Mx	-.013	2.5
94	O2	X	-64.407	.25
95	O2	Z	111.556	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-87.406	1
2	MP2A	Z	50.464	1
3	MP2A	Mx	.066	1
4	MP2A	X	-87.406	5
5	MP2A	Z	50.464	5
6	MP2A	Mx	.066	5
7	MP2B	X	-94.28	1
8	MP2B	Z	54.433	1
9	MP2B	Mx	-.063	1
10	MP2B	X	-94.28	5
11	MP2B	Z	54.433	5
12	MP2B	Mx	-.063	5
13	MP2C	X	-119.001	1
14	MP2C	Z	68.705	1
15	MP2C	Mx	0	1
16	MP2C	X	-119.001	5
17	MP2C	Z	68.705	5
18	MP2C	Mx	0	5
19	O1	X	-101.353	.25
20	O1	Z	58.516	.25
21	O1	Mx	0	.25
22	MP3A	X	-110.297	1.5
23	MP3A	Z	63.68	1.5
24	MP3A	Mx	.049	1.5
25	MP3A	X	-110.297	5.5
26	MP3A	Z	63.68	5.5
27	MP3A	Mx	.049	5.5
28	MP3B	X	-116.014	1.5
29	MP3B	Z	66.981	1.5
30	MP3B	Mx	-.143	1.5
31	MP3B	X	-116.014	5.5
32	MP3B	Z	66.981	5.5
33	MP3B	Mx	-.143	5.5
34	MP3C	X	-136.575	1.5
35	MP3C	Z	78.851	1.5
36	MP3C	Mx	.105	1.5
37	MP3C	X	-136.575	5.5
38	MP3C	Z	78.851	5.5
39	MP3C	Mx	.105	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	-110.297	1.5
41	MP3A	Z	63.68	1.5
42	MP3A	Mx	.134	1.5
43	MP3A	X	-110.297	5.5
44	MP3A	Z	63.68	5.5
45	MP3A	Mx	.134	5.5
46	MP3B	X	-116.014	1.5
47	MP3B	Z	66.981	1.5
48	MP3B	Mx	-.028	1.5
49	MP3B	X	-116.014	5.5
50	MP3B	Z	66.981	5.5
51	MP3B	Mx	-.028	5.5
52	MP3C	X	-136.575	1.5
53	MP3C	Z	78.851	1.5
54	MP3C	Mx	-.105	1.5
55	MP3C	X	-136.575	5.5
56	MP3C	Z	78.851	5.5
57	MP3C	Mx	-.105	5.5
58	MP4A	X	-35.355	2
59	MP4A	Z	20.412	2
60	MP4A	Mx	.029	2
61	MP4A	X	-35.355	4
62	MP4A	Z	20.412	4
63	MP4A	Mx	.029	4
64	MP4B	X	-41.812	2
65	MP4B	Z	24.14	2
66	MP4B	Mx	-.031	2
67	MP4B	X	-41.812	4
68	MP4B	Z	24.14	4
69	MP4B	Mx	-.031	4
70	MP4C	X	-65.035	2
71	MP4C	Z	37.548	2
72	MP4C	Mx	0	2
73	MP4C	X	-65.035	4
74	MP4C	Z	37.548	4
75	MP4C	Mx	0	4
76	MP3A	X	-38.883	3
77	MP3A	Z	22.449	3
78	MP3A	Mx	-.019	3
79	MP3B	X	-41.683	3
80	MP3B	Z	24.066	3
81	MP3B	Mx	.018	3
82	MP3C	X	-51.752	3
83	MP3C	Z	29.879	3
84	MP3C	Mx	0	3
85	MP2A	X	-36.548	2.5
86	MP2A	Z	21.101	2.5
87	MP2A	Mx	-.018	2.5
88	MP2B	X	-39.856	2.5
89	MP2B	Z	23.011	2.5
90	MP2B	Mx	.018	2.5
91	MP2C	X	-51.752	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP2C	Z	29.879	2.5
93	MP2C	Mx	0	2.5
94	O2	X	-101.353	.25
95	O2	Z	58.516	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-88.767	1
2	MP2A	Z	0	1
3	MP2A	Mx	.067	1
4	MP2A	X	-88.767	5
5	MP2A	Z	0	5
6	MP2A	Mx	.067	5
7	MP2B	X	-131.72	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.034	1
10	MP2B	X	-131.72	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.034	5
13	MP2C	X	-125.25	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.047	1
16	MP2C	X	-125.25	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.047	5
19	O1	X	-102.582	.25
20	O1	Z	0	.25
21	O1	Mx	0	.25
22	MP3A	X	-117.246	1.5
23	MP3A	Z	0	1.5
24	MP3A	Mx	.098	1.5
25	MP3A	X	-117.246	5.5
26	MP3A	Z	0	5.5
27	MP3A	Mx	.098	5.5
28	MP3B	X	-152.97	1.5
29	MP3B	Z	0	1.5
30	MP3B	Mx	-.139	1.5
31	MP3B	X	-152.97	5.5
32	MP3B	Z	0	5.5
33	MP3B	Mx	-.139	5.5
34	MP3C	X	-147.588	1.5
35	MP3C	Z	0	1.5
36	MP3C	Mx	.024	1.5
37	MP3C	X	-147.588	5.5
38	MP3C	Z	0	5.5
39	MP3C	Mx	.024	5.5
40	MP3A	X	-117.246	1.5
41	MP3A	Z	0	1.5
42	MP3A	Mx	.098	1.5
43	MP3A	X	-117.246	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-87.406	1
2	MP2A	Z	-50.464	1
3	MP2A	Mx	.066	1
4	MP2A	X	-87.406	5
5	MP2A	Z	-50.464	5
6	MP2A	Mx	.066	5
7	MP2B	X	-117.731	1
8	MP2B	Z	-67.972	1
9	MP2B	Mx	.018	1
10	MP2B	X	-117.731	5
11	MP2B	Z	-67.972	5
12	MP2B	Mx	.018	5
13	MP2C	X	-87.406	1
14	MP2C	Z	-50.464	1
15	MP2C	Mx	-.066	1
16	MP2C	X	-87.406	5
17	MP2C	Z	-50.464	5
18	MP2C	Mx	-.066	5
19	O1	X	-86.526	.25
20	O1	Z	-49.956	.25
21	O1	Mx	0	.25
22	MP3A	X	-110.297	1.5
23	MP3A	Z	-63.68	1.5
24	MP3A	Mx	.134	1.5
25	MP3A	X	-110.297	5.5
26	MP3A	Z	-63.68	5.5
27	MP3A	Mx	.134	5.5
28	MP3B	X	-135.518	1.5
29	MP3B	Z	-78.241	1.5
30	MP3B	Mx	-.08	1.5
31	MP3B	X	-135.518	5.5
32	MP3B	Z	-78.241	5.5
33	MP3B	Mx	-.08	5.5
34	MP3C	X	-110.297	1.5
35	MP3C	Z	-63.68	1.5
36	MP3C	Mx	-.049	1.5
37	MP3C	X	-110.297	5.5
38	MP3C	Z	-63.68	5.5
39	MP3C	Mx	-.049	5.5
40	MP3A	X	-110.297	1.5
41	MP3A	Z	-63.68	1.5
42	MP3A	Mx	.049	1.5
43	MP3A	X	-110.297	5.5
44	MP3A	Z	-63.68	5.5
45	MP3A	Mx	.049	5.5
46	MP3B	X	-135.518	1.5
47	MP3B	Z	-78.241	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3B	Mx	.125	1.5
49	MP3B	X	-135.518	5.5
50	MP3B	Z	-78.241	5.5
51	MP3B	Mx	.125	5.5
52	MP3C	X	-110.297	1.5
53	MP3C	Z	-63.68	1.5
54	MP3C	Mx	-.134	1.5
55	MP3C	X	-110.297	5.5
56	MP3C	Z	-63.68	5.5
57	MP3C	Mx	-.134	5.5
58	MP4A	X	-35.355	2
59	MP4A	Z	-20.412	2
60	MP4A	Mx	.029	2
61	MP4A	X	-35.355	4
62	MP4A	Z	-20.412	4
63	MP4A	Mx	.029	4
64	MP4B	X	-63.842	2
65	MP4B	Z	-36.859	2
66	MP4B	Mx	.011	2
67	MP4B	X	-63.842	4
68	MP4B	Z	-36.859	4
69	MP4B	Mx	.011	4
70	MP4C	X	-35.355	2
71	MP4C	Z	-20.412	2
72	MP4C	Mx	-.029	2
73	MP4C	X	-35.355	4
74	MP4C	Z	-20.412	4
75	MP4C	Mx	-.029	4
76	MP3A	X	-38.883	3
77	MP3A	Z	-22.449	3
78	MP3A	Mx	-.019	3
79	MP3B	X	-51.234	3
80	MP3B	Z	-29.58	3
81	MP3B	Mx	-.005	3
82	MP3C	X	-38.883	3
83	MP3C	Z	-22.449	3
84	MP3C	Mx	.019	3
85	MP2A	X	-36.548	2.5
86	MP2A	Z	-21.101	2.5
87	MP2A	Mx	-.018	2.5
88	MP2B	X	-51.14	2.5
89	MP2B	Z	-29.526	2.5
90	MP2B	Mx	-.005	2.5
91	MP2C	X	-36.548	2.5
92	MP2C	Z	-21.101	2.5
93	MP2C	Mx	.018	2.5
94	O2	X	-86.526	.25
95	O2	Z	-49.956	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
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Member Point Loads (BLC 14 : Antenna Wo (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-62.625	1
2	MP2A	Z	-108.469	1
3	MP2A	Mx	.047	1
4	MP2A	X	-62.625	5
5	MP2A	Z	-108.469	5
6	MP2A	Mx	.047	5
7	MP2B	X	-58.656	1
8	MP2B	Z	-101.595	1
9	MP2B	Mx	.057	1
10	MP2B	X	-58.656	5
11	MP2B	Z	-101.595	5
12	MP2B	Mx	.057	5
13	MP2C	X	-44.383	1
14	MP2C	Z	-76.874	1
15	MP2C	Mx	-.067	1
16	MP2C	X	-44.383	5
17	MP2C	Z	-76.874	5
18	MP2C	Mx	-.067	5
19	O1	X	-55.846	.25
20	O1	Z	-96.728	.25
21	O1	Mx	0	.25
22	MP3A	X	-73.794	1.5
23	MP3A	Z	-127.815	1.5
24	MP3A	Mx	.147	1.5
25	MP3A	X	-73.794	5.5
26	MP3A	Z	-127.815	5.5
27	MP3A	Mx	.147	5.5
28	MP3B	X	-70.493	1.5
29	MP3B	Z	-122.098	1.5
30	MP3B	Mx	.004	1.5
31	MP3B	X	-70.493	5.5
32	MP3B	Z	-122.098	5.5
33	MP3B	Mx	.004	5.5
34	MP3C	X	-58.623	1.5
35	MP3C	Z	-101.538	1.5
36	MP3C	Mx	-.098	1.5
37	MP3C	X	-58.623	5.5
38	MP3C	Z	-101.538	5.5
39	MP3C	Mx	-.098	5.5
40	MP3A	X	-73.794	1.5
41	MP3A	Z	-127.815	1.5
42	MP3A	Mx	-.024	1.5
43	MP3A	X	-73.794	5.5
44	MP3A	Z	-127.815	5.5
45	MP3A	Mx	-.024	5.5
46	MP3B	X	-70.493	1.5
47	MP3B	Z	-122.098	1.5
48	MP3B	Mx	.148	1.5
49	MP3B	X	-70.493	5.5
50	MP3B	Z	-122.098	5.5
51	MP3B	Mx	.148	5.5
52	MP3C	X	-58.623	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	-101.538	1.5
54	MP3C	Mx	-.098	1.5
55	MP3C	X	-58.623	5.5
56	MP3C	Z	-101.538	5.5
57	MP3C	Mx	-.098	5.5
58	MP4A	X	-31.836	2
59	MP4A	Z	-55.142	2
60	MP4A	Mx	.027	2
61	MP4A	X	-31.836	4
62	MP4A	Z	-55.142	4
63	MP4A	Mx	.027	4
64	MP4B	X	-28.108	2
65	MP4B	Z	-48.684	2
66	MP4B	Mx	.03	2
67	MP4B	X	-28.108	4
68	MP4B	Z	-48.684	4
69	MP4B	Mx	.03	4
70	MP4C	X	-14.7	2
71	MP4C	Z	-25.461	2
72	MP4C	Mx	-.025	2
73	MP4C	X	-14.7	4
74	MP4C	Z	-25.461	4
75	MP4C	Mx	-.025	4
76	MP3A	X	-27.402	3
77	MP3A	Z	-47.462	3
78	MP3A	Mx	-.014	3
79	MP3B	X	-25.786	3
80	MP3B	Z	-44.662	3
81	MP3B	Mx	-.017	3
82	MP3C	X	-19.972	3
83	MP3C	Z	-34.593	3
84	MP3C	Mx	.02	3
85	MP2A	X	-26.953	2.5
86	MP2A	Z	-46.684	2.5
87	MP2A	Mx	-.013	2.5
88	MP2B	X	-25.043	2.5
89	MP2B	Z	-43.376	2.5
90	MP2B	Mx	-.016	2.5
91	MP2C	X	-18.175	2.5
92	MP2C	Z	-31.48	2.5
93	MP2C	Mx	.018	2.5
94	O2	X	-55.846	.25
95	O2	Z	-96.728	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-28.101	1
3	MP2A	Mx	0	1
4	MP2A	X	0	5



Company :
 Designer :
 Job Number :
 Model Name :

Oct 6, 2021
 10:34 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	-28.101	5
6	MP2A	Mx	0	5
7	MP2B	X	0	1
8	MP2B	Z	-20.036	1
9	MP2B	Mx	.014	1
10	MP2B	X	0	5
11	MP2B	Z	-20.036	5
12	MP2B	Mx	.014	5
13	MP2C	X	0	1
14	MP2C	Z	-21.251	1
15	MP2C	Mx	-.014	1
16	MP2C	X	0	5
17	MP2C	Z	-21.251	5
18	MP2C	Mx	-.014	5
19	O1	X	0	.25
20	O1	Z	-26.629	.25
21	O1	Mx	0	.25
22	MP3A	X	0	1.5
23	MP3A	Z	-31.971	1.5
24	MP3A	Mx	.021	1.5
25	MP3A	X	0	5.5
26	MP3A	Z	-31.971	5.5
27	MP3A	Mx	.021	5.5
28	MP3B	X	0	1.5
29	MP3B	Z	-25.1	1.5
30	MP3B	Mx	.014	1.5
31	MP3B	X	0	5.5
32	MP3B	Z	-25.1	5.5
33	MP3B	Mx	.014	5.5
34	MP3C	X	0	1.5
35	MP3C	Z	-26.135	1.5
36	MP3C	Mx	-.028	1.5
37	MP3C	X	0	5.5
38	MP3C	Z	-26.135	5.5
39	MP3C	Mx	-.028	5.5
40	MP3A	X	0	1.5
41	MP3A	Z	-31.971	1.5
42	MP3A	Mx	-.021	1.5
43	MP3A	X	0	5.5
44	MP3A	Z	-31.971	5.5
45	MP3A	Mx	-.021	5.5
46	MP3B	X	0	1.5
47	MP3B	Z	-25.1	1.5
48	MP3B	Mx	.025	1.5
49	MP3B	X	0	5.5
50	MP3B	Z	-25.1	5.5
51	MP3B	Mx	.025	5.5
52	MP3C	X	0	1.5
53	MP3C	Z	-26.135	1.5
54	MP3C	Mx	-.01	1.5
55	MP3C	X	0	5.5
56	MP3C	Z	-26.135	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP3C	Mx	-.01	5.5
58	MP4A	X	0	2
59	MP4A	Z	-15.776	2
60	MP4A	Mx	0	2
61	MP4A	X	0	4
62	MP4A	Z	-15.776	4
63	MP4A	Mx	0	4
64	MP4B	X	0	2
65	MP4B	Z	-7.783	2
66	MP4B	Mx	.006	2
67	MP4B	X	0	4
68	MP4B	Z	-7.783	4
69	MP4B	Mx	.006	4
70	MP4C	X	0	2
71	MP4C	Z	-8.987	2
72	MP4C	Mx	-.006	2
73	MP4C	X	0	4
74	MP4C	Z	-8.987	4
75	MP4C	Mx	-.006	4
76	MP3A	X	0	3
77	MP3A	Z	-13.302	3
78	MP3A	Mx	0	3
79	MP3B	X	0	3
80	MP3B	Z	-9.729	3
81	MP3B	Mx	-.005	3
82	MP3C	X	0	3
83	MP3C	Z	-10.267	3
84	MP3C	Mx	.004	3
85	MP2A	X	0	2.5
86	MP2A	Z	-13.302	2.5
87	MP2A	Mx	0	2.5
88	MP2B	X	0	2.5
89	MP2B	Z	-9.085	2.5
90	MP2B	Mx	-.004	2.5
91	MP2C	X	0	2.5
92	MP2C	Z	-9.721	2.5
93	MP2C	Mx	.004	2.5
94	O2	X	0	.25
95	O2	Z	-26.629	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	12.909	1
2	MP2A	Z	-22.359	1
3	MP2A	Mx	-.01	1
4	MP2A	X	12.909	5
5	MP2A	Z	-22.359	5
6	MP2A	Mx	-.01	5
7	MP2B	X	9.622	1
8	MP2B	Z	-16.665	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
9	MP2B	Mx	.014	1
10	MP2B	X	9.622	5
11	MP2B	Z	-16.665	5
12	MP2B	Mx	.014	5
13	MP2C	X	12.909	1
14	MP2C	Z	-22.359	1
15	MP2C	Mx	-.01	1
16	MP2C	X	12.909	5
17	MP2C	Z	-22.359	5
18	MP2C	Mx	-.01	5
19	O1	X	13.573	.25
20	O1	Z	-23.509	.25
21	O1	Mx	0	.25
22	MP3A	X	15.013	1.5
23	MP3A	Z	-26.003	1.5
24	MP3A	Mx	.005	1.5
25	MP3A	X	15.013	5.5
26	MP3A	Z	-26.003	5.5
27	MP3A	Mx	.005	5.5
28	MP3B	X	12.212	1.5
29	MP3B	Z	-21.152	1.5
30	MP3B	Mx	.023	1.5
31	MP3B	X	12.212	5.5
32	MP3B	Z	-21.152	5.5
33	MP3B	Mx	.023	5.5
34	MP3C	X	15.013	1.5
35	MP3C	Z	-26.003	1.5
36	MP3C	Mx	-.03	1.5
37	MP3C	X	15.013	5.5
38	MP3C	Z	-26.003	5.5
39	MP3C	Mx	-.03	5.5
40	MP3A	X	15.013	1.5
41	MP3A	Z	-26.003	1.5
42	MP3A	Mx	-.03	1.5
43	MP3A	X	15.013	5.5
44	MP3A	Z	-26.003	5.5
45	MP3A	Mx	-.03	5.5
46	MP3B	X	12.212	1.5
47	MP3B	Z	-21.152	1.5
48	MP3B	Mx	.017	1.5
49	MP3B	X	12.212	5.5
50	MP3B	Z	-21.152	5.5
51	MP3B	Mx	.017	5.5
52	MP3C	X	15.013	1.5
53	MP3C	Z	-26.003	1.5
54	MP3C	Mx	.005	1.5
55	MP3C	X	15.013	5.5
56	MP3C	Z	-26.003	5.5
57	MP3C	Mx	.005	5.5
58	MP4A	X	6.756	2
59	MP4A	Z	-11.703	2
60	MP4A	Mx	-.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP4A	X	6.756	4
62	MP4A	Z	-11.703	4
63	MP4A	Mx	-.006	4
64	MP4B	X	3.499	2
65	MP4B	Z	-6.06	2
66	MP4B	Mx	.006	2
67	MP4B	X	3.499	4
68	MP4B	Z	-6.06	4
69	MP4B	Mx	.006	4
70	MP4C	X	6.756	2
71	MP4C	Z	-11.703	2
72	MP4C	Mx	-.006	2
73	MP4C	X	6.756	4
74	MP4C	Z	-11.703	4
75	MP4C	Mx	-.006	4
76	MP3A	X	6.145	3
77	MP3A	Z	-10.643	3
78	MP3A	Mx	.003	3
79	MP3B	X	4.689	3
80	MP3B	Z	-8.121	3
81	MP3B	Mx	-.005	3
82	MP3C	X	6.145	3
83	MP3C	Z	-10.643	3
84	MP3C	Mx	.003	3
85	MP2A	X	6.054	2.5
86	MP2A	Z	-10.486	2.5
87	MP2A	Mx	.003	2.5
88	MP2B	X	4.335	2.5
89	MP2B	Z	-7.509	2.5
90	MP2B	Mx	-.004	2.5
91	MP2C	X	6.054	2.5
92	MP2C	Z	-10.486	2.5
93	MP2C	Mx	.003	2.5
94	O2	X	13.573	.25
95	O2	Z	-23.509	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	18.404	1
2	MP2A	Z	-10.626	1
3	MP2A	Mx	-.014	1
4	MP2A	X	18.404	5
5	MP2A	Z	-10.626	5
6	MP2A	Mx	-.014	5
7	MP2B	X	19.695	1
8	MP2B	Z	-11.371	1
9	MP2B	Mx	.013	1
10	MP2B	X	19.695	5
11	MP2B	Z	-11.371	5
12	MP2B	Mx	.013	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2C	X	24.336	1
14	MP2C	Z	-14.051	1
15	MP2C	Mx	0	1
16	MP2C	X	24.336	5
17	MP2C	Z	-14.051	5
18	MP2C	Mx	0	5
19	O1	X	21.534	.25
20	O1	Z	-12.433	.25
21	O1	Mx	0	.25
22	MP3A	X	22.633	1.5
23	MP3A	Z	-13.067	1.5
24	MP3A	Mx	-.01	1.5
25	MP3A	X	22.633	5.5
26	MP3A	Z	-13.067	5.5
27	MP3A	Mx	-.01	5.5
28	MP3B	X	23.733	1.5
29	MP3B	Z	-13.702	1.5
30	MP3B	Mx	.029	1.5
31	MP3B	X	23.733	5.5
32	MP3B	Z	-13.702	5.5
33	MP3B	Mx	.029	5.5
34	MP3C	X	27.687	1.5
35	MP3C	Z	-15.985	1.5
36	MP3C	Mx	-.021	1.5
37	MP3C	X	27.687	5.5
38	MP3C	Z	-15.985	5.5
39	MP3C	Mx	-.021	5.5
40	MP3A	X	22.633	1.5
41	MP3A	Z	-13.067	1.5
42	MP3A	Mx	-.028	1.5
43	MP3A	X	22.633	5.5
44	MP3A	Z	-13.067	5.5
45	MP3A	Mx	-.028	5.5
46	MP3B	X	23.733	1.5
47	MP3B	Z	-13.702	1.5
48	MP3B	Mx	.006	1.5
49	MP3B	X	23.733	5.5
50	MP3B	Z	-13.702	5.5
51	MP3B	Mx	.006	5.5
52	MP3C	X	27.687	1.5
53	MP3C	Z	-15.985	1.5
54	MP3C	Mx	.021	1.5
55	MP3C	X	27.687	5.5
56	MP3C	Z	-15.985	5.5
57	MP3C	Mx	.021	5.5
58	MP4A	X	7.783	2
59	MP4A	Z	-4.494	2
60	MP4A	Mx	-.006	2
61	MP4A	X	7.783	4
62	MP4A	Z	-4.494	4
63	MP4A	Mx	-.006	4
64	MP4B	X	9.062	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	0	5
18	MP2C	Mx	.01	5
19	O1	X	22.068	.25
20	O1	Z	0	.25
21	O1	Mx	0	.25
22	MP3A	X	24.189	1.5
23	MP3A	Z	0	1.5
24	MP3A	Mx	-.02	1.5
25	MP3A	X	24.189	5.5
26	MP3A	Z	0	5.5
27	MP3A	Mx	-.02	5.5
28	MP3B	X	31.06	1.5
29	MP3B	Z	0	1.5
30	MP3B	Mx	.028	1.5
31	MP3B	X	31.06	5.5
32	MP3B	Z	0	5.5
33	MP3B	Mx	.028	5.5
34	MP3C	X	30.025	1.5
35	MP3C	Z	0	1.5
36	MP3C	Mx	-.005	1.5
37	MP3C	X	30.025	5.5
38	MP3C	Z	0	5.5
39	MP3C	Mx	-.005	5.5
40	MP3A	X	24.189	1.5
41	MP3A	Z	0	1.5
42	MP3A	Mx	-.02	1.5
43	MP3A	X	24.189	5.5
44	MP3A	Z	0	5.5
45	MP3A	Mx	-.02	5.5
46	MP3B	X	31.06	1.5
47	MP3B	Z	0	1.5
48	MP3B	Mx	-.011	1.5
49	MP3B	X	31.06	5.5
50	MP3B	Z	0	5.5
51	MP3B	Mx	-.011	5.5
52	MP3C	X	30.025	1.5
53	MP3C	Z	0	1.5
54	MP3C	Mx	.03	1.5
55	MP3C	X	30.025	5.5
56	MP3C	Z	0	5.5
57	MP3C	Mx	.03	5.5
58	MP4A	X	6.724	2
59	MP4A	Z	0	2
60	MP4A	Mx	-.006	2
61	MP4A	X	6.724	4
62	MP4A	Z	0	4
63	MP4A	Mx	-.006	4
64	MP4B	X	14.717	2
65	MP4B	Z	0	2
66	MP4B	Mx	.004	2
67	MP4B	X	14.717	4
68	MP4B	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	O1	Mx	0	.25
22	MP3A	X	22.633	1.5
23	MP3A	Z	13.067	1.5
24	MP3A	Mx	-.028	1.5
25	MP3A	X	22.633	5.5
26	MP3A	Z	13.067	5.5
27	MP3A	Mx	-.028	5.5
28	MP3B	X	27.484	1.5
29	MP3B	Z	15.868	1.5
30	MP3B	Mx	.016	1.5
31	MP3B	X	27.484	5.5
32	MP3B	Z	15.868	5.5
33	MP3B	Mx	.016	5.5
34	MP3C	X	22.633	1.5
35	MP3C	Z	13.067	1.5
36	MP3C	Mx	.01	1.5
37	MP3C	X	22.633	5.5
38	MP3C	Z	13.067	5.5
39	MP3C	Mx	.01	5.5
40	MP3A	X	22.633	1.5
41	MP3A	Z	13.067	1.5
42	MP3A	Mx	-.01	1.5
43	MP3A	X	22.633	5.5
44	MP3A	Z	13.067	5.5
45	MP3A	Mx	-.01	5.5
46	MP3B	X	27.484	1.5
47	MP3B	Z	15.868	1.5
48	MP3B	Mx	-.025	1.5
49	MP3B	X	27.484	5.5
50	MP3B	Z	15.868	5.5
51	MP3B	Mx	-.025	5.5
52	MP3C	X	22.633	1.5
53	MP3C	Z	13.067	1.5
54	MP3C	Mx	.028	1.5
55	MP3C	X	22.633	5.5
56	MP3C	Z	13.067	5.5
57	MP3C	Mx	.028	5.5
58	MP4A	X	7.783	2
59	MP4A	Z	4.494	2
60	MP4A	Mx	-.006	2
61	MP4A	X	7.783	4
62	MP4A	Z	4.494	4
63	MP4A	Mx	-.006	4
64	MP4B	X	13.426	2
65	MP4B	Z	7.751	2
66	MP4B	Mx	-.002	2
67	MP4B	X	13.426	4
68	MP4B	Z	7.751	4
69	MP4B	Mx	-.002	4
70	MP4C	X	7.783	2
71	MP4C	Z	4.494	2
72	MP4C	Mx	.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4C	X	7.783	4
74	MP4C	Z	4.494	4
75	MP4C	Mx	.006	4
76	MP3A	X	8.891	3
77	MP3A	Z	5.133	3
78	MP3A	Mx	.004	3
79	MP3B	X	11.414	3
80	MP3B	Z	6.59	3
81	MP3B	Mx	.001	3
82	MP3C	X	8.891	3
83	MP3C	Z	5.133	3
84	MP3C	Mx	-.004	3
85	MP2A	X	8.418	2.5
86	MP2A	Z	4.86	2.5
87	MP2A	Mx	.004	2.5
88	MP2B	X	11.395	2.5
89	MP2B	Z	6.579	2.5
90	MP2B	Mx	.001	2.5
91	MP2C	X	8.418	2.5
92	MP2C	Z	4.86	2.5
93	MP2C	Mx	-.004	2.5
94	O2	X	18.664	.25
95	O2	Z	10.776	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	12.909	1
2	MP2A	Z	22.359	1
3	MP2A	Mx	-.01	1
4	MP2A	X	12.909	5
5	MP2A	Z	22.359	5
6	MP2A	Mx	-.01	5
7	MP2B	X	12.164	1
8	MP2B	Z	21.068	1
9	MP2B	Mx	-.012	1
10	MP2B	X	12.164	5
11	MP2B	Z	21.068	5
12	MP2B	Mx	-.012	5
13	MP2C	X	9.484	1
14	MP2C	Z	16.427	1
15	MP2C	Mx	.014	1
16	MP2C	X	9.484	5
17	MP2C	Z	16.427	5
18	MP2C	Mx	.014	5
19	O1	X	11.916	.25
20	O1	Z	20.639	.25
21	O1	Mx	0	.25
22	MP3A	X	15.013	1.5
23	MP3A	Z	26.003	1.5
24	MP3A	Mx	-.03	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP3A	X	15.013	5.5
26	MP3A	Z	26.003	5.5
27	MP3A	Mx	-.03	5.5
28	MP3B	X	14.378	1.5
29	MP3B	Z	24.903	1.5
30	MP3B	Mx	-.000718	1.5
31	MP3B	X	14.378	5.5
32	MP3B	Z	24.903	5.5
33	MP3B	Mx	-.000718	5.5
34	MP3C	X	12.095	1.5
35	MP3C	Z	20.949	1.5
36	MP3C	Mx	.02	1.5
37	MP3C	X	12.095	5.5
38	MP3C	Z	20.949	5.5
39	MP3C	Mx	.02	5.5
40	MP3A	X	15.013	1.5
41	MP3A	Z	26.003	1.5
42	MP3A	Mx	.005	1.5
43	MP3A	X	15.013	5.5
44	MP3A	Z	26.003	5.5
45	MP3A	Mx	.005	5.5
46	MP3B	X	14.378	1.5
47	MP3B	Z	24.903	1.5
48	MP3B	Mx	-.03	1.5
49	MP3B	X	14.378	5.5
50	MP3B	Z	24.903	5.5
51	MP3B	Mx	-.03	5.5
52	MP3C	X	12.095	1.5
53	MP3C	Z	20.949	1.5
54	MP3C	Mx	.02	1.5
55	MP3C	X	12.095	5.5
56	MP3C	Z	20.949	5.5
57	MP3C	Mx	.02	5.5
58	MP4A	X	6.756	2
59	MP4A	Z	11.703	2
60	MP4A	Mx	-.006	2
61	MP4A	X	6.756	4
62	MP4A	Z	11.703	4
63	MP4A	Mx	-.006	4
64	MP4B	X	6.018	2
65	MP4B	Z	10.423	2
66	MP4B	Mx	-.006	2
67	MP4B	X	6.018	4
68	MP4B	Z	10.423	4
69	MP4B	Mx	-.006	4
70	MP4C	X	3.362	2
71	MP4C	Z	5.823	2
72	MP4C	Mx	.006	2
73	MP4C	X	3.362	4
74	MP4C	Z	5.823	4
75	MP4C	Mx	.006	4
76	MP3A	X	6.145	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	.005	3
82	MP3C	X	0	3
83	MP3C	Z	10.267	3
84	MP3C	Mx	-.004	3
85	MP2A	X	0	2.5
86	MP2A	Z	13.302	2.5
87	MP2A	Mx	0	2.5
88	MP2B	X	0	2.5
89	MP2B	Z	9.085	2.5
90	MP2B	Mx	.004	2.5
91	MP2C	X	0	2.5
92	MP2C	Z	9.721	2.5
93	MP2C	Mx	-.004	2.5
94	O2	X	0	.25
95	O2	Z	26.629	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-12.909	1
2	MP2A	Z	22.359	1
3	MP2A	Mx	.01	1
4	MP2A	X	-12.909	5
5	MP2A	Z	22.359	5
6	MP2A	Mx	.01	5
7	MP2B	X	-9.622	1
8	MP2B	Z	16.665	1
9	MP2B	Mx	-.014	1
10	MP2B	X	-9.622	5
11	MP2B	Z	16.665	5
12	MP2B	Mx	-.014	5
13	MP2C	X	-12.909	1
14	MP2C	Z	22.359	1
15	MP2C	Mx	.01	1
16	MP2C	X	-12.909	5
17	MP2C	Z	22.359	5
18	MP2C	Mx	.01	5
19	O1	X	-13.573	.25
20	O1	Z	23.509	.25
21	O1	Mx	0	.25
22	MP3A	X	-15.013	1.5
23	MP3A	Z	26.003	1.5
24	MP3A	Mx	-.005	1.5
25	MP3A	X	-15.013	5.5
26	MP3A	Z	26.003	5.5
27	MP3A	Mx	-.005	5.5
28	MP3B	X	-12.212	1.5
29	MP3B	Z	21.152	1.5
30	MP3B	Mx	-.023	1.5
31	MP3B	X	-12.212	5.5
32	MP3B	Z	21.152	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3B	Mx	-.023	5.5
34	MP3C	X	-15.013	1.5
35	MP3C	Z	26.003	1.5
36	MP3C	Mx	.03	1.5
37	MP3C	X	-15.013	5.5
38	MP3C	Z	26.003	5.5
39	MP3C	Mx	.03	5.5
40	MP3A	X	-15.013	1.5
41	MP3A	Z	26.003	1.5
42	MP3A	Mx	.03	1.5
43	MP3A	X	-15.013	5.5
44	MP3A	Z	26.003	5.5
45	MP3A	Mx	.03	5.5
46	MP3B	X	-12.212	1.5
47	MP3B	Z	21.152	1.5
48	MP3B	Mx	-.017	1.5
49	MP3B	X	-12.212	5.5
50	MP3B	Z	21.152	5.5
51	MP3B	Mx	-.017	5.5
52	MP3C	X	-15.013	1.5
53	MP3C	Z	26.003	1.5
54	MP3C	Mx	-.005	1.5
55	MP3C	X	-15.013	5.5
56	MP3C	Z	26.003	5.5
57	MP3C	Mx	-.005	5.5
58	MP4A	X	-6.756	2
59	MP4A	Z	11.703	2
60	MP4A	Mx	.006	2
61	MP4A	X	-6.756	4
62	MP4A	Z	11.703	4
63	MP4A	Mx	.006	4
64	MP4B	X	-3.499	2
65	MP4B	Z	6.06	2
66	MP4B	Mx	-.006	2
67	MP4B	X	-3.499	4
68	MP4B	Z	6.06	4
69	MP4B	Mx	-.006	4
70	MP4C	X	-6.756	2
71	MP4C	Z	11.703	2
72	MP4C	Mx	.006	2
73	MP4C	X	-6.756	4
74	MP4C	Z	11.703	4
75	MP4C	Mx	.006	4
76	MP3A	X	-6.145	3
77	MP3A	Z	10.643	3
78	MP3A	Mx	-.003	3
79	MP3B	X	-4.689	3
80	MP3B	Z	8.121	3
81	MP3B	Mx	.005	3
82	MP3C	X	-6.145	3
83	MP3C	Z	10.643	3
84	MP3C	Mx	-.003	3



Company :
 Designer :
 Job Number :
 Model Name :

Oct 6, 2021
 10:34 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP2A	X	-6.054	2.5
86	MP2A	Z	10.486	2.5
87	MP2A	Mx	-.003	2.5
88	MP2B	X	-4.335	2.5
89	MP2B	Z	7.509	2.5
90	MP2B	Mx	.004	2.5
91	MP2C	X	-6.054	2.5
92	MP2C	Z	10.486	2.5
93	MP2C	Mx	-.003	2.5
94	O2	X	-13.573	.25
95	O2	Z	23.509	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-18.404	1
2	MP2A	Z	10.626	1
3	MP2A	Mx	.014	1
4	MP2A	X	-18.404	5
5	MP2A	Z	10.626	5
6	MP2A	Mx	.014	5
7	MP2B	X	-19.695	1
8	MP2B	Z	11.371	1
9	MP2B	Mx	-.013	1
10	MP2B	X	-19.695	5
11	MP2B	Z	11.371	5
12	MP2B	Mx	-.013	5
13	MP2C	X	-24.336	1
14	MP2C	Z	14.051	1
15	MP2C	Mx	0	1
16	MP2C	X	-24.336	5
17	MP2C	Z	14.051	5
18	MP2C	Mx	0	5
19	O1	X	-21.534	.25
20	O1	Z	12.433	.25
21	O1	Mx	0	.25
22	MP3A	X	-22.633	1.5
23	MP3A	Z	13.067	1.5
24	MP3A	Mx	.01	1.5
25	MP3A	X	-22.633	5.5
26	MP3A	Z	13.067	5.5
27	MP3A	Mx	.01	5.5
28	MP3B	X	-23.733	1.5
29	MP3B	Z	13.702	1.5
30	MP3B	Mx	-.029	1.5
31	MP3B	X	-23.733	5.5
32	MP3B	Z	13.702	5.5
33	MP3B	Mx	-.029	5.5
34	MP3C	X	-27.687	1.5
35	MP3C	Z	15.985	1.5
36	MP3C	Mx	.021	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3C	X	-27.687	5.5
38	MP3C	Z	15.985	5.5
39	MP3C	Mx	.021	5.5
40	MP3A	X	-22.633	1.5
41	MP3A	Z	13.067	1.5
42	MP3A	Mx	.028	1.5
43	MP3A	X	-22.633	5.5
44	MP3A	Z	13.067	5.5
45	MP3A	Mx	.028	5.5
46	MP3B	X	-23.733	1.5
47	MP3B	Z	13.702	1.5
48	MP3B	Mx	-.006	1.5
49	MP3B	X	-23.733	5.5
50	MP3B	Z	13.702	5.5
51	MP3B	Mx	-.006	5.5
52	MP3C	X	-27.687	1.5
53	MP3C	Z	15.985	1.5
54	MP3C	Mx	-.021	1.5
55	MP3C	X	-27.687	5.5
56	MP3C	Z	15.985	5.5
57	MP3C	Mx	-.021	5.5
58	MP4A	X	-7.783	2
59	MP4A	Z	4.494	2
60	MP4A	Mx	.006	2
61	MP4A	X	-7.783	4
62	MP4A	Z	4.494	4
63	MP4A	Mx	.006	4
64	MP4B	X	-9.062	2
65	MP4B	Z	5.232	2
66	MP4B	Mx	-.007	2
67	MP4B	X	-9.062	4
68	MP4B	Z	5.232	4
69	MP4B	Mx	-.007	4
70	MP4C	X	-13.662	2
71	MP4C	Z	7.888	2
72	MP4C	Mx	0	2
73	MP4C	X	-13.662	4
74	MP4C	Z	7.888	4
75	MP4C	Mx	0	4
76	MP3A	X	-8.891	3
77	MP3A	Z	5.133	3
78	MP3A	Mx	-.004	3
79	MP3B	X	-9.463	3
80	MP3B	Z	5.464	3
81	MP3B	Mx	.004	3
82	MP3C	X	-11.519	3
83	MP3C	Z	6.651	3
84	MP3C	Mx	0	3
85	MP2A	X	-8.418	2.5
86	MP2A	Z	4.86	2.5
87	MP2A	Mx	-.004	2.5
88	MP2B	X	-9.093	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2B	Z	5.25	2.5
90	MP2B	Mx	.004	2.5
91	MP2C	X	-11.519	2.5
92	MP2C	Z	6.651	2.5
93	MP2C	Mx	0	2.5
94	O2	X	-21.534	.25
95	O2	Z	12.433	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-18.968	1
2	MP2A	Z	0	1
3	MP2A	Mx	.014	1
4	MP2A	X	-18.968	5
5	MP2A	Z	0	5
6	MP2A	Mx	.014	5
7	MP2B	X	-27.033	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.007	1
10	MP2B	X	-27.033	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.007	5
13	MP2C	X	-25.818	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.01	1
16	MP2C	X	-25.818	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.01	5
19	O1	X	-22.068	.25
20	O1	Z	0	.25
21	O1	Mx	0	.25
22	MP3A	X	-24.189	1.5
23	MP3A	Z	0	1.5
24	MP3A	Mx	.02	1.5
25	MP3A	X	-24.189	5.5
26	MP3A	Z	0	5.5
27	MP3A	Mx	.02	5.5
28	MP3B	X	-31.06	1.5
29	MP3B	Z	0	1.5
30	MP3B	Mx	-.028	1.5
31	MP3B	X	-31.06	5.5
32	MP3B	Z	0	5.5
33	MP3B	Mx	-.028	5.5
34	MP3C	X	-30.025	1.5
35	MP3C	Z	0	1.5
36	MP3C	Mx	.005	1.5
37	MP3C	X	-30.025	5.5
38	MP3C	Z	0	5.5
39	MP3C	Mx	.005	5.5
40	MP3A	X	-24.189	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	0	1.5
42	MP3A	Mx	.02	1.5
43	MP3A	X	-24.189	5.5
44	MP3A	Z	0	5.5
45	MP3A	Mx	.02	5.5
46	MP3B	X	-31.06	1.5
47	MP3B	Z	0	1.5
48	MP3B	Mx	.011	1.5
49	MP3B	X	-31.06	5.5
50	MP3B	Z	0	5.5
51	MP3B	Mx	.011	5.5
52	MP3C	X	-30.025	1.5
53	MP3C	Z	0	1.5
54	MP3C	Mx	-.03	1.5
55	MP3C	X	-30.025	5.5
56	MP3C	Z	0	5.5
57	MP3C	Mx	-.03	5.5
58	MP4A	X	-6.724	2
59	MP4A	Z	0	2
60	MP4A	Mx	.006	2
61	MP4A	X	-6.724	4
62	MP4A	Z	0	4
63	MP4A	Mx	.006	4
64	MP4B	X	-14.717	2
65	MP4B	Z	0	2
66	MP4B	Mx	-.004	2
67	MP4B	X	-14.717	4
68	MP4B	Z	0	4
69	MP4B	Mx	-.004	4
70	MP4C	X	-13.513	2
71	MP4C	Z	0	2
72	MP4C	Mx	-.006	2
73	MP4C	X	-13.513	4
74	MP4C	Z	0	4
75	MP4C	Mx	-.006	4
76	MP3A	X	-9.255	3
77	MP3A	Z	0	3
78	MP3A	Mx	-.005	3
79	MP3B	X	-12.828	3
80	MP3B	Z	0	3
81	MP3B	Mx	.002	3
82	MP3C	X	-12.29	3
83	MP3C	Z	0	3
84	MP3C	Mx	.003	3
85	MP2A	X	-8.527	2.5
86	MP2A	Z	0	2.5
87	MP2A	Mx	-.004	2.5
88	MP2B	X	-12.743	2.5
89	MP2B	Z	0	2.5
90	MP2B	Mx	.002	2.5
91	MP2C	X	-12.108	2.5
92	MP2C	Z	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP2C	Mx	.003	2.5
94	O2	X	-22.068	.25
95	O2	Z	0	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-18.404	1
2	MP2A	Z	-10.626	1
3	MP2A	Mx	.014	1
4	MP2A	X	-18.404	5
5	MP2A	Z	-10.626	5
6	MP2A	Mx	.014	5
7	MP2B	X	-24.098	1
8	MP2B	Z	-13.913	1
9	MP2B	Mx	.004	1
10	MP2B	X	-24.098	5
11	MP2B	Z	-13.913	5
12	MP2B	Mx	.004	5
13	MP2C	X	-18.404	1
14	MP2C	Z	-10.626	1
15	MP2C	Mx	-.014	1
16	MP2C	X	-18.404	5
17	MP2C	Z	-10.626	5
18	MP2C	Mx	-.014	5
19	O1	X	-18.664	.25
20	O1	Z	-10.776	.25
21	O1	Mx	0	.25
22	MP3A	X	-22.633	1.5
23	MP3A	Z	-13.067	1.5
24	MP3A	Mx	.028	1.5
25	MP3A	X	-22.633	5.5
26	MP3A	Z	-13.067	5.5
27	MP3A	Mx	.028	5.5
28	MP3B	X	-27.484	1.5
29	MP3B	Z	-15.868	1.5
30	MP3B	Mx	-.016	1.5
31	MP3B	X	-27.484	5.5
32	MP3B	Z	-15.868	5.5
33	MP3B	Mx	-.016	5.5
34	MP3C	X	-22.633	1.5
35	MP3C	Z	-13.067	1.5
36	MP3C	Mx	-.01	1.5
37	MP3C	X	-22.633	5.5
38	MP3C	Z	-13.067	5.5
39	MP3C	Mx	-.01	5.5
40	MP3A	X	-22.633	1.5
41	MP3A	Z	-13.067	1.5
42	MP3A	Mx	.01	1.5
43	MP3A	X	-22.633	5.5
44	MP3A	Z	-13.067	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3A	Mx	.01	5.5
46	MP3B	X	-27.484	1.5
47	MP3B	Z	-15.868	1.5
48	MP3B	Mx	.025	1.5
49	MP3B	X	-27.484	5.5
50	MP3B	Z	-15.868	5.5
51	MP3B	Mx	.025	5.5
52	MP3C	X	-22.633	1.5
53	MP3C	Z	-13.067	1.5
54	MP3C	Mx	-.028	1.5
55	MP3C	X	-22.633	5.5
56	MP3C	Z	-13.067	5.5
57	MP3C	Mx	-.028	5.5
58	MP4A	X	-7.783	2
59	MP4A	Z	-4.494	2
60	MP4A	Mx	.006	2
61	MP4A	X	-7.783	4
62	MP4A	Z	-4.494	4
63	MP4A	Mx	.006	4
64	MP4B	X	-13.426	2
65	MP4B	Z	-7.751	2
66	MP4B	Mx	.002	2
67	MP4B	X	-13.426	4
68	MP4B	Z	-7.751	4
69	MP4B	Mx	.002	4
70	MP4C	X	-7.783	2
71	MP4C	Z	-4.494	2
72	MP4C	Mx	-.006	2
73	MP4C	X	-7.783	4
74	MP4C	Z	-4.494	4
75	MP4C	Mx	-.006	4
76	MP3A	X	-8.891	3
77	MP3A	Z	-5.133	3
78	MP3A	Mx	-.004	3
79	MP3B	X	-11.414	3
80	MP3B	Z	-6.59	3
81	MP3B	Mx	-.001	3
82	MP3C	X	-8.891	3
83	MP3C	Z	-5.133	3
84	MP3C	Mx	.004	3
85	MP2A	X	-8.418	2.5
86	MP2A	Z	-4.86	2.5
87	MP2A	Mx	-.004	2.5
88	MP2B	X	-11.395	2.5
89	MP2B	Z	-6.579	2.5
90	MP2B	Mx	-.001	2.5
91	MP2C	X	-8.418	2.5
92	MP2C	Z	-4.86	2.5
93	MP2C	Mx	.004	2.5
94	O2	X	-18.664	.25
95	O2	Z	-10.776	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-12.909	1
2	MP2A	Z	-22.359	1
3	MP2A	Mx	.01	1
4	MP2A	X	-12.909	5
5	MP2A	Z	-22.359	5
6	MP2A	Mx	.01	5
7	MP2B	X	-12.164	1
8	MP2B	Z	-21.068	1
9	MP2B	Mx	.012	1
10	MP2B	X	-12.164	5
11	MP2B	Z	-21.068	5
12	MP2B	Mx	.012	5
13	MP2C	X	-9.484	1
14	MP2C	Z	-16.427	1
15	MP2C	Mx	-.014	1
16	MP2C	X	-9.484	5
17	MP2C	Z	-16.427	5
18	MP2C	Mx	-.014	5
19	O1	X	-11.916	.25
20	O1	Z	-20.639	.25
21	O1	Mx	0	.25
22	MP3A	X	-15.013	1.5
23	MP3A	Z	-26.003	1.5
24	MP3A	Mx	.03	1.5
25	MP3A	X	-15.013	5.5
26	MP3A	Z	-26.003	5.5
27	MP3A	Mx	.03	5.5
28	MP3B	X	-14.378	1.5
29	MP3B	Z	-24.903	1.5
30	MP3B	Mx	.000718	1.5
31	MP3B	X	-14.378	5.5
32	MP3B	Z	-24.903	5.5
33	MP3B	Mx	.000718	5.5
34	MP3C	X	-12.095	1.5
35	MP3C	Z	-20.949	1.5
36	MP3C	Mx	-.02	1.5
37	MP3C	X	-12.095	5.5
38	MP3C	Z	-20.949	5.5
39	MP3C	Mx	-.02	5.5
40	MP3A	X	-15.013	1.5
41	MP3A	Z	-26.003	1.5
42	MP3A	Mx	-.005	1.5
43	MP3A	X	-15.013	5.5
44	MP3A	Z	-26.003	5.5
45	MP3A	Mx	-.005	5.5
46	MP3B	X	-14.378	1.5
47	MP3B	Z	-24.903	1.5
48	MP3B	Mx	.03	1.5
49	MP3B	X	-14.378	5.5
50	MP3B	Z	-24.903	5.5
51	MP3B	Mx	.03	5.5
52	MP3C	X	-12.095	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	-20.949	1.5
54	MP3C	Mx	-.02	1.5
55	MP3C	X	-12.095	5.5
56	MP3C	Z	-20.949	5.5
57	MP3C	Mx	-.02	5.5
58	MP4A	X	-6.756	2
59	MP4A	Z	-11.703	2
60	MP4A	Mx	.006	2
61	MP4A	X	-6.756	4
62	MP4A	Z	-11.703	4
63	MP4A	Mx	.006	4
64	MP4B	X	-6.018	2
65	MP4B	Z	-10.423	2
66	MP4B	Mx	.006	2
67	MP4B	X	-6.018	4
68	MP4B	Z	-10.423	4
69	MP4B	Mx	.006	4
70	MP4C	X	-3.362	2
71	MP4C	Z	-5.823	2
72	MP4C	Mx	-.006	2
73	MP4C	X	-3.362	4
74	MP4C	Z	-5.823	4
75	MP4C	Mx	-.006	4
76	MP3A	X	-6.145	3
77	MP3A	Z	-10.643	3
78	MP3A	Mx	-.003	3
79	MP3B	X	-5.815	3
80	MP3B	Z	-10.072	3
81	MP3B	Mx	-.004	3
82	MP3C	X	-4.628	3
83	MP3C	Z	-8.015	3
84	MP3C	Mx	.005	3
85	MP2A	X	-6.054	2.5
86	MP2A	Z	-10.486	2.5
87	MP2A	Mx	-.003	2.5
88	MP2B	X	-5.664	2.5
89	MP2B	Z	-9.811	2.5
90	MP2B	Mx	-.004	2.5
91	MP2C	X	-4.263	2.5
92	MP2C	Z	-7.385	2.5
93	MP2C	Mx	.004	2.5
94	O2	X	-11.916	.25
95	O2	Z	-20.639	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-9.191	1
3	MP2A	Mx	0	1
4	MP2A	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	-9.191	5
6	MP2A	Mx	0	5
7	MP2B	X	0	1
8	MP2B	Z	-6.318	1
9	MP2B	Mx	.004	1
10	MP2B	X	0	5
11	MP2B	Z	-6.318	5
12	MP2B	Mx	.004	5
13	MP2C	X	0	1
14	MP2C	Z	-6.751	1
15	MP2C	Mx	-.004	1
16	MP2C	X	0	5
17	MP2C	Z	-6.751	5
18	MP2C	Mx	-.004	5
19	O1	X	0	.25
20	O1	Z	-8.437	.25
21	O1	Mx	0	.25
22	MP3A	X	0	1.5
23	MP3A	Z	-10.548	1.5
24	MP3A	Mx	.007	1.5
25	MP3A	X	0	5.5
26	MP3A	Z	-10.548	5.5
27	MP3A	Mx	.007	5.5
28	MP3B	X	0	1.5
29	MP3B	Z	-8.158	1.5
30	MP3B	Mx	.005	1.5
31	MP3B	X	0	5.5
32	MP3B	Z	-8.158	5.5
33	MP3B	Mx	.005	5.5
34	MP3C	X	0	1.5
35	MP3C	Z	-8.518	1.5
36	MP3C	Mx	-.009	1.5
37	MP3C	X	0	5.5
38	MP3C	Z	-8.518	5.5
39	MP3C	Mx	-.009	5.5
40	MP3A	X	0	1.5
41	MP3A	Z	-10.548	1.5
42	MP3A	Mx	-.007	1.5
43	MP3A	X	0	5.5
44	MP3A	Z	-10.548	5.5
45	MP3A	Mx	-.007	5.5
46	MP3B	X	0	1.5
47	MP3B	Z	-8.158	1.5
48	MP3B	Mx	.008	1.5
49	MP3B	X	0	5.5
50	MP3B	Z	-8.158	5.5
51	MP3B	Mx	.008	5.5
52	MP3C	X	0	1.5
53	MP3C	Z	-8.518	1.5
54	MP3C	Mx	-.003	1.5
55	MP3C	X	0	5.5
56	MP3C	Z	-8.518	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
57	MP3C	Mx	-.003	5.5
58	MP4A	X	0	2
59	MP4A	Z	-5.023	2
60	MP4A	Mx	0	2
61	MP4A	X	0	4
62	MP4A	Z	-5.023	4
63	MP4A	Mx	0	4
64	MP4B	X	0	2
65	MP4B	Z	-2.324	2
66	MP4B	Mx	.002	2
67	MP4B	X	0	4
68	MP4B	Z	-2.324	4
69	MP4B	Mx	.002	4
70	MP4C	X	0	2
71	MP4C	Z	-2.731	2
72	MP4C	Mx	-.002	2
73	MP4C	X	0	4
74	MP4C	Z	-2.731	4
75	MP4C	Mx	-.002	4
76	MP3A	X	0	3
77	MP3A	Z	-3.997	3
78	MP3A	Mx	0	3
79	MP3B	X	0	3
80	MP3B	Z	-2.827	3
81	MP3B	Mx	-.001	3
82	MP3C	X	0	3
83	MP3C	Z	-3.003	3
84	MP3C	Mx	.001	3
85	MP2A	X	0	2.5
86	MP2A	Z	-3.997	2.5
87	MP2A	Mx	0	2.5
88	MP2B	X	0	2.5
89	MP2B	Z	-2.614	2.5
90	MP2B	Mx	-.001	2.5
91	MP2C	X	0	2.5
92	MP2C	Z	-2.823	2.5
93	MP2C	Mx	.001	2.5
94	O2	X	0	.25
95	O2	Z	-8.437	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP2A	X	4.189	1
2	MP2A	Z	-7.255	1
3	MP2A	Mx	-.003	1
4	MP2A	X	4.189	5
5	MP2A	Z	-7.255	5
6	MP2A	Mx	-.003	5
7	MP2B	X	3.018	1
8	MP2B	Z	-5.227	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.004	1
10	MP2B	X	3.018	5
11	MP2B	Z	-5.227	5
12	MP2B	Mx	.004	5
13	MP2C	X	4.189	1
14	MP2C	Z	-7.255	1
15	MP2C	Mx	-.003	1
16	MP2C	X	4.189	5
17	MP2C	Z	-7.255	5
18	MP2C	Mx	-.003	5
19	O1	X	4.308	.25
20	O1	Z	-7.461	.25
21	O1	Mx	0	.25
22	MP3A	X	4.936	1.5
23	MP3A	Z	-8.549	1.5
24	MP3A	Mx	.002	1.5
25	MP3A	X	4.936	5.5
26	MP3A	Z	-8.549	5.5
27	MP3A	Mx	.002	5.5
28	MP3B	X	3.962	1.5
29	MP3B	Z	-6.862	1.5
30	MP3B	Mx	.007	1.5
31	MP3B	X	3.962	5.5
32	MP3B	Z	-6.862	5.5
33	MP3B	Mx	.007	5.5
34	MP3C	X	4.936	1.5
35	MP3C	Z	-8.549	1.5
36	MP3C	Mx	-.01	1.5
37	MP3C	X	4.936	5.5
38	MP3C	Z	-8.549	5.5
39	MP3C	Mx	-.01	5.5
40	MP3A	X	4.936	1.5
41	MP3A	Z	-8.549	1.5
42	MP3A	Mx	-.01	1.5
43	MP3A	X	4.936	5.5
44	MP3A	Z	-8.549	5.5
45	MP3A	Mx	-.01	5.5
46	MP3B	X	3.962	1.5
47	MP3B	Z	-6.862	1.5
48	MP3B	Mx	.006	1.5
49	MP3B	X	3.962	5.5
50	MP3B	Z	-6.862	5.5
51	MP3B	Mx	.006	5.5
52	MP3C	X	4.936	1.5
53	MP3C	Z	-8.549	1.5
54	MP3C	Mx	.002	1.5
55	MP3C	X	4.936	5.5
56	MP3C	Z	-8.549	5.5
57	MP3C	Mx	.002	5.5
58	MP4A	X	2.129	2
59	MP4A	Z	-3.688	2
60	MP4A	Mx	-.002	2



Company :
 Designer :
 Job Number :
 Model Name :

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 Checked By: _____

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
61	MP4A	X	2.129	4
62	MP4A	Z	-3.688	4
63	MP4A	Mx	-.002	4
64	MP4B	X	1.029	2
65	MP4B	Z	-1.783	2
66	MP4B	Mx	.002	2
67	MP4B	X	1.029	4
68	MP4B	Z	-1.783	4
69	MP4B	Mx	.002	4
70	MP4C	X	2.129	2
71	MP4C	Z	-3.688	2
72	MP4C	Mx	-.002	2
73	MP4C	X	2.129	4
74	MP4C	Z	-3.688	4
75	MP4C	Mx	-.002	4
76	MP3A	X	1.833	3
77	MP3A	Z	-3.174	3
78	MP3A	Mx	.000916	3
79	MP3B	X	1.356	3
80	MP3B	Z	-2.348	3
81	MP3B	Mx	-.001	3
82	MP3C	X	1.833	3
83	MP3C	Z	-3.174	3
84	MP3C	Mx	.000916	3
85	MP2A	X	1.803	2.5
86	MP2A	Z	-3.122	2.5
87	MP2A	Mx	.000902	2.5
88	MP2B	X	1.239	2.5
89	MP2B	Z	-2.146	2.5
90	MP2B	Mx	-.001	2.5
91	MP2C	X	1.803	2.5
92	MP2C	Z	-3.122	2.5
93	MP2C	Mx	.000901	2.5
94	O2	X	4.308	.25
95	O2	Z	-7.461	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP2A	X	5.846	1
2	MP2A	Z	-3.375	1
3	MP2A	Mx	-.004	1
4	MP2A	X	5.846	5
5	MP2A	Z	-3.375	5
6	MP2A	Mx	-.004	5
7	MP2B	X	6.306	1
8	MP2B	Z	-3.641	1
9	MP2B	Mx	.004	1
10	MP2B	X	6.306	5
11	MP2B	Z	-3.641	5
12	MP2B	Mx	.004	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2C	X	7.959	1
14	MP2C	Z	-4.595	1
15	MP2C	Mx	0	1
16	MP2C	X	7.959	5
17	MP2C	Z	-4.595	5
18	MP2C	Mx	0	5
19	O1	X	6.779	.25
20	O1	Z	-3.914	.25
21	O1	Mx	0	.25
22	MP3A	X	7.377	1.5
23	MP3A	Z	-4.259	1.5
24	MP3A	Mx	-.003	1.5
25	MP3A	X	7.377	5.5
26	MP3A	Z	-4.259	5.5
27	MP3A	Mx	-.003	5.5
28	MP3B	X	7.76	1.5
29	MP3B	Z	-4.48	1.5
30	MP3B	Mx	.01	1.5
31	MP3B	X	7.76	5.5
32	MP3B	Z	-4.48	5.5
33	MP3B	Mx	.01	5.5
34	MP3C	X	9.135	1.5
35	MP3C	Z	-5.274	1.5
36	MP3C	Mx	-.007	1.5
37	MP3C	X	9.135	5.5
38	MP3C	Z	-5.274	5.5
39	MP3C	Mx	-.007	5.5
40	MP3A	X	7.377	1.5
41	MP3A	Z	-4.259	1.5
42	MP3A	Mx	-.009	1.5
43	MP3A	X	7.377	5.5
44	MP3A	Z	-4.259	5.5
45	MP3A	Mx	-.009	5.5
46	MP3B	X	7.76	1.5
47	MP3B	Z	-4.48	1.5
48	MP3B	Mx	.002	1.5
49	MP3B	X	7.76	5.5
50	MP3B	Z	-4.48	5.5
51	MP3B	Mx	.002	5.5
52	MP3C	X	9.135	1.5
53	MP3C	Z	-5.274	1.5
54	MP3C	Mx	.007	1.5
55	MP3C	X	9.135	5.5
56	MP3C	Z	-5.274	5.5
57	MP3C	Mx	.007	5.5
58	MP4A	X	2.365	2
59	MP4A	Z	-1.365	2
60	MP4A	Mx	-.002	2
61	MP4A	X	2.365	4
62	MP4A	Z	-1.365	4
63	MP4A	Mx	-.002	4
64	MP4B	X	2.797	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP4B	Z	-1.615	2
66	MP4B	Mx	.002	2
67	MP4B	X	2.797	4
68	MP4B	Z	-1.615	4
69	MP4B	Mx	.002	4
70	MP4C	X	4.35	2
71	MP4C	Z	-2.511	2
72	MP4C	Mx	0	2
73	MP4C	X	4.35	4
74	MP4C	Z	-2.511	4
75	MP4C	Mx	0	4
76	MP3A	X	2.601	3
77	MP3A	Z	-1.501	3
78	MP3A	Mx	.001	3
79	MP3B	X	2.788	3
80	MP3B	Z	-1.61	3
81	MP3B	Mx	-.001	3
82	MP3C	X	3.461	3
83	MP3C	Z	-1.998	3
84	MP3C	Mx	0	3
85	MP2A	X	2.444	2.5
86	MP2A	Z	-1.411	2.5
87	MP2A	Mx	.001	2.5
88	MP2B	X	2.666	2.5
89	MP2B	Z	-1.539	2.5
90	MP2B	Mx	-.001	2.5
91	MP2C	X	3.461	2.5
92	MP2C	Z	-1.998	2.5
93	MP2C	Mx	0	2.5
94	O2	X	6.779	.25
95	O2	Z	-3.914	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.937	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.004	1
4	MP2A	X	5.937	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.004	5
7	MP2B	X	8.81	1
8	MP2B	Z	0	1
9	MP2B	Mx	.002	1
10	MP2B	X	8.81	5
11	MP2B	Z	0	5
12	MP2B	Mx	.002	5
13	MP2C	X	8.377	1
14	MP2C	Z	0	1
15	MP2C	Mx	.003	1
16	MP2C	X	8.377	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	0	5
18	MP2C	Mx	.003	5
19	O1	X	6.861	.25
20	O1	Z	0	.25
21	O1	Mx	0	.25
22	MP3A	X	7.842	1.5
23	MP3A	Z	0	1.5
24	MP3A	Mx	-.007	1.5
25	MP3A	X	7.842	5.5
26	MP3A	Z	0	5.5
27	MP3A	Mx	-.007	5.5
28	MP3B	X	10.231	1.5
29	MP3B	Z	0	1.5
30	MP3B	Mx	.009	1.5
31	MP3B	X	10.231	5.5
32	MP3B	Z	0	5.5
33	MP3B	Mx	.009	5.5
34	MP3C	X	9.871	1.5
35	MP3C	Z	0	1.5
36	MP3C	Mx	-.002	1.5
37	MP3C	X	9.871	5.5
38	MP3C	Z	0	5.5
39	MP3C	Mx	-.002	5.5
40	MP3A	X	7.842	1.5
41	MP3A	Z	0	1.5
42	MP3A	Mx	-.007	1.5
43	MP3A	X	7.842	5.5
44	MP3A	Z	0	5.5
45	MP3A	Mx	-.007	5.5
46	MP3B	X	10.231	1.5
47	MP3B	Z	0	1.5
48	MP3B	Mx	-.003	1.5
49	MP3B	X	10.231	5.5
50	MP3B	Z	0	5.5
51	MP3B	Mx	-.003	5.5
52	MP3C	X	9.871	1.5
53	MP3C	Z	0	1.5
54	MP3C	Mx	.01	1.5
55	MP3C	X	9.871	5.5
56	MP3C	Z	0	5.5
57	MP3C	Mx	.01	5.5
58	MP4A	X	1.966	2
59	MP4A	Z	0	2
60	MP4A	Mx	-.002	2
61	MP4A	X	1.966	4
62	MP4A	Z	0	4
63	MP4A	Mx	-.002	4
64	MP4B	X	4.665	2
65	MP4B	Z	0	2
66	MP4B	Mx	.001	2
67	MP4B	X	4.665	4
68	MP4B	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP4B	Mx	.001	4
70	MP4C	X	4.259	2
71	MP4C	Z	0	2
72	MP4C	Mx	.002	2
73	MP4C	X	4.259	4
74	MP4C	Z	0	4
75	MP4C	Mx	.002	4
76	MP3A	X	2.672	3
77	MP3A	Z	0	3
78	MP3A	Mx	.001	3
79	MP3B	X	3.842	3
80	MP3B	Z	0	3
81	MP3B	Mx	-.000657	3
82	MP3C	X	3.666	3
83	MP3C	Z	0	3
84	MP3C	Mx	-.000916	3
85	MP2A	X	2.431	2.5
86	MP2A	Z	0	2.5
87	MP2A	Mx	.001	2.5
88	MP2B	X	3.814	2.5
89	MP2B	Z	0	2.5
90	MP2B	Mx	-.000652	2.5
91	MP2C	X	3.605	2.5
92	MP2C	Z	0	2.5
93	MP2C	Mx	-.000901	2.5
94	O2	X	6.861	.25
95	O2	Z	0	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.846	1
2	MP2A	Z	3.375	1
3	MP2A	Mx	-.004	1
4	MP2A	X	5.846	5
5	MP2A	Z	3.375	5
6	MP2A	Mx	-.004	5
7	MP2B	X	7.874	1
8	MP2B	Z	4.546	1
9	MP2B	Mx	-.001	1
10	MP2B	X	7.874	5
11	MP2B	Z	4.546	5
12	MP2B	Mx	-.001	5
13	MP2C	X	5.846	1
14	MP2C	Z	3.375	1
15	MP2C	Mx	.004	1
16	MP2C	X	5.846	5
17	MP2C	Z	3.375	5
18	MP2C	Mx	.004	5
19	O1	X	5.787	.25
20	O1	Z	3.341	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	O1	Mx	0	.25
22	MP3A	X	7.377	1.5
23	MP3A	Z	4.259	1.5
24	MP3A	Mx	-.009	1.5
25	MP3A	X	7.377	5.5
26	MP3A	Z	4.259	5.5
27	MP3A	Mx	-.009	5.5
28	MP3B	X	9.064	1.5
29	MP3B	Z	5.233	1.5
30	MP3B	Mx	.005	1.5
31	MP3B	X	9.064	5.5
32	MP3B	Z	5.233	5.5
33	MP3B	Mx	.005	5.5
34	MP3C	X	7.377	1.5
35	MP3C	Z	4.259	1.5
36	MP3C	Mx	.003	1.5
37	MP3C	X	7.377	5.5
38	MP3C	Z	4.259	5.5
39	MP3C	Mx	.003	5.5
40	MP3A	X	7.377	1.5
41	MP3A	Z	4.259	1.5
42	MP3A	Mx	-.003	1.5
43	MP3A	X	7.377	5.5
44	MP3A	Z	4.259	5.5
45	MP3A	Mx	-.003	5.5
46	MP3B	X	9.064	1.5
47	MP3B	Z	5.233	1.5
48	MP3B	Mx	-.008	1.5
49	MP3B	X	9.064	5.5
50	MP3B	Z	5.233	5.5
51	MP3B	Mx	-.008	5.5
52	MP3C	X	7.377	1.5
53	MP3C	Z	4.259	1.5
54	MP3C	Mx	.009	1.5
55	MP3C	X	7.377	5.5
56	MP3C	Z	4.259	5.5
57	MP3C	Mx	.009	5.5
58	MP4A	X	2.365	2
59	MP4A	Z	1.365	2
60	MP4A	Mx	-.002	2
61	MP4A	X	2.365	4
62	MP4A	Z	1.365	4
63	MP4A	Mx	-.002	4
64	MP4B	X	4.27	2
65	MP4B	Z	2.465	2
66	MP4B	Mx	-.000713	2
67	MP4B	X	4.27	4
68	MP4B	Z	2.465	4
69	MP4B	Mx	-.000713	4
70	MP4C	X	2.365	2
71	MP4C	Z	1.365	2
72	MP4C	Mx	.002	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4C	X	2.365	4
74	MP4C	Z	1.365	4
75	MP4C	Mx	.002	4
76	MP3A	X	2.601	3
77	MP3A	Z	1.501	3
78	MP3A	Mx	.001	3
79	MP3B	X	3.427	3
80	MP3B	Z	1.978	3
81	MP3B	Mx	.000343	3
82	MP3C	X	2.601	3
83	MP3C	Z	1.501	3
84	MP3C	Mx	-.001	3
85	MP2A	X	2.444	2.5
86	MP2A	Z	1.411	2.5
87	MP2A	Mx	.001	2.5
88	MP2B	X	3.421	2.5
89	MP2B	Z	1.975	2.5
90	MP2B	Mx	.000343	2.5
91	MP2C	X	2.444	2.5
92	MP2C	Z	1.411	2.5
93	MP2C	Mx	-.001	2.5
94	O2	X	5.787	.25
95	O2	Z	3.341	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.189	1
2	MP2A	Z	7.255	1
3	MP2A	Mx	-.003	1
4	MP2A	X	4.189	5
5	MP2A	Z	7.255	5
6	MP2A	Mx	-.003	5
7	MP2B	X	3.923	1
8	MP2B	Z	6.795	1
9	MP2B	Mx	-.004	1
10	MP2B	X	3.923	5
11	MP2B	Z	6.795	5
12	MP2B	Mx	-.004	5
13	MP2C	X	2.969	1
14	MP2C	Z	5.142	1
15	MP2C	Mx	.004	1
16	MP2C	X	2.969	5
17	MP2C	Z	5.142	5
18	MP2C	Mx	.004	5
19	O1	X	3.735	.25
20	O1	Z	6.47	.25
21	O1	Mx	0	.25
22	MP3A	X	4.936	1.5
23	MP3A	Z	8.549	1.5
24	MP3A	Mx	-.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP3A	X	4.936	5.5
26	MP3A	Z	8.549	5.5
27	MP3A	Mx	-.01	5.5
28	MP3B	X	4.715	1.5
29	MP3B	Z	8.166	1.5
30	MP3B	Mx	-.000235	1.5
31	MP3B	X	4.715	5.5
32	MP3B	Z	8.166	5.5
33	MP3B	Mx	-.000235	5.5
34	MP3C	X	3.921	1.5
35	MP3C	Z	6.791	1.5
36	MP3C	Mx	.007	1.5
37	MP3C	X	3.921	5.5
38	MP3C	Z	6.791	5.5
39	MP3C	Mx	.007	5.5
40	MP3A	X	4.936	1.5
41	MP3A	Z	8.549	1.5
42	MP3A	Mx	.002	1.5
43	MP3A	X	4.936	5.5
44	MP3A	Z	8.549	5.5
45	MP3A	Mx	.002	5.5
46	MP3B	X	4.715	1.5
47	MP3B	Z	8.166	1.5
48	MP3B	Mx	-.01	1.5
49	MP3B	X	4.715	5.5
50	MP3B	Z	8.166	5.5
51	MP3B	Mx	-.01	5.5
52	MP3C	X	3.921	1.5
53	MP3C	Z	6.791	1.5
54	MP3C	Mx	.007	1.5
55	MP3C	X	3.921	5.5
56	MP3C	Z	6.791	5.5
57	MP3C	Mx	.007	5.5
58	MP4A	X	2.129	2
59	MP4A	Z	3.688	2
60	MP4A	Mx	-.002	2
61	MP4A	X	2.129	4
62	MP4A	Z	3.688	4
63	MP4A	Mx	-.002	4
64	MP4B	X	1.88	2
65	MP4B	Z	3.256	2
66	MP4B	Mx	-.002	2
67	MP4B	X	1.88	4
68	MP4B	Z	3.256	4
69	MP4B	Mx	-.002	4
70	MP4C	X	.983	2
71	MP4C	Z	1.703	2
72	MP4C	Mx	.002	2
73	MP4C	X	.983	4
74	MP4C	Z	1.703	4
75	MP4C	Mx	.002	4
76	MP3A	X	1.833	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP3A	Z	3.174	3
78	MP3A	Mx	.000916	3
79	MP3B	X	1.725	3
80	MP3B	Z	2.987	3
81	MP3B	Mx	.001	3
82	MP3C	X	1.336	3
83	MP3C	Z	2.314	3
84	MP3C	Mx	-.001	3
85	MP2A	X	1.803	2.5
86	MP2A	Z	3.122	2.5
87	MP2A	Mx	.000902	2.5
88	MP2B	X	1.675	2.5
89	MP2B	Z	2.901	2.5
90	MP2B	Mx	.001	2.5
91	MP2C	X	1.216	2.5
92	MP2C	Z	2.106	2.5
93	MP2C	Mx	-.001	2.5
94	O2	X	3.735	.25
95	O2	Z	6.47	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	9.191	1
3	MP2A	Mx	0	1
4	MP2A	X	0	5
5	MP2A	Z	9.191	5
6	MP2A	Mx	0	5
7	MP2B	X	0	1
8	MP2B	Z	6.318	1
9	MP2B	Mx	-.004	1
10	MP2B	X	0	5
11	MP2B	Z	6.318	5
12	MP2B	Mx	-.004	5
13	MP2C	X	0	1
14	MP2C	Z	6.751	1
15	MP2C	Mx	.004	1
16	MP2C	X	0	5
17	MP2C	Z	6.751	5
18	MP2C	Mx	.004	5
19	O1	X	0	.25
20	O1	Z	8.437	.25
21	O1	Mx	0	.25
22	MP3A	X	0	1.5
23	MP3A	Z	10.548	1.5
24	MP3A	Mx	-.007	1.5
25	MP3A	X	0	5.5
26	MP3A	Z	10.548	5.5
27	MP3A	Mx	-.007	5.5
28	MP3B	X	0	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	8.158	1.5
30	MP3B	Mx	-.005	1.5
31	MP3B	X	0	5.5
32	MP3B	Z	8.158	5.5
33	MP3B	Mx	-.005	5.5
34	MP3C	X	0	1.5
35	MP3C	Z	8.518	1.5
36	MP3C	Mx	.009	1.5
37	MP3C	X	0	5.5
38	MP3C	Z	8.518	5.5
39	MP3C	Mx	.009	5.5
40	MP3A	X	0	1.5
41	MP3A	Z	10.548	1.5
42	MP3A	Mx	.007	1.5
43	MP3A	X	0	5.5
44	MP3A	Z	10.548	5.5
45	MP3A	Mx	.007	5.5
46	MP3B	X	0	1.5
47	MP3B	Z	8.158	1.5
48	MP3B	Mx	-.008	1.5
49	MP3B	X	0	5.5
50	MP3B	Z	8.158	5.5
51	MP3B	Mx	-.008	5.5
52	MP3C	X	0	1.5
53	MP3C	Z	8.518	1.5
54	MP3C	Mx	.003	1.5
55	MP3C	X	0	5.5
56	MP3C	Z	8.518	5.5
57	MP3C	Mx	.003	5.5
58	MP4A	X	0	2
59	MP4A	Z	5.023	2
60	MP4A	Mx	0	2
61	MP4A	X	0	4
62	MP4A	Z	5.023	4
63	MP4A	Mx	0	4
64	MP4B	X	0	2
65	MP4B	Z	2.324	2
66	MP4B	Mx	-.002	2
67	MP4B	X	0	4
68	MP4B	Z	2.324	4
69	MP4B	Mx	-.002	4
70	MP4C	X	0	2
71	MP4C	Z	2.731	2
72	MP4C	Mx	.002	2
73	MP4C	X	0	4
74	MP4C	Z	2.731	4
75	MP4C	Mx	.002	4
76	MP3A	X	0	3
77	MP3A	Z	3.997	3
78	MP3A	Mx	0	3
79	MP3B	X	0	3
80	MP3B	Z	2.827	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
81	MP3B	Mx	.001	3
82	MP3C	X	0	3
83	MP3C	Z	3.003	3
84	MP3C	Mx	-.001	3
85	MP2A	X	0	2.5
86	MP2A	Z	3.997	2.5
87	MP2A	Mx	0	2.5
88	MP2B	X	0	2.5
89	MP2B	Z	2.614	2.5
90	MP2B	Mx	.001	2.5
91	MP2C	X	0	2.5
92	MP2C	Z	2.823	2.5
93	MP2C	Mx	-.001	2.5
94	O2	X	0	.25
95	O2	Z	8.437	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP2A	X	-4.189	1
2	MP2A	Z	7.255	1
3	MP2A	Mx	.003	1
4	MP2A	X	-4.189	5
5	MP2A	Z	7.255	5
6	MP2A	Mx	.003	5
7	MP2B	X	-3.018	1
8	MP2B	Z	5.227	1
9	MP2B	Mx	-.004	1
10	MP2B	X	-3.018	5
11	MP2B	Z	5.227	5
12	MP2B	Mx	-.004	5
13	MP2C	X	-4.189	1
14	MP2C	Z	7.255	1
15	MP2C	Mx	.003	1
16	MP2C	X	-4.189	5
17	MP2C	Z	7.255	5
18	MP2C	Mx	.003	5
19	O1	X	-4.308	.25
20	O1	Z	7.461	.25
21	O1	Mx	0	.25
22	MP3A	X	-4.936	1.5
23	MP3A	Z	8.549	1.5
24	MP3A	Mx	-.002	1.5
25	MP3A	X	-4.936	5.5
26	MP3A	Z	8.549	5.5
27	MP3A	Mx	-.002	5.5
28	MP3B	X	-3.962	1.5
29	MP3B	Z	6.862	1.5
30	MP3B	Mx	-.007	1.5
31	MP3B	X	-3.962	5.5
32	MP3B	Z	6.862	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3B	Mx	-.007	5.5
34	MP3C	X	-4.936	1.5
35	MP3C	Z	8.549	1.5
36	MP3C	Mx	.01	1.5
37	MP3C	X	-4.936	5.5
38	MP3C	Z	8.549	5.5
39	MP3C	Mx	.01	5.5
40	MP3A	X	-4.936	1.5
41	MP3A	Z	8.549	1.5
42	MP3A	Mx	.01	1.5
43	MP3A	X	-4.936	5.5
44	MP3A	Z	8.549	5.5
45	MP3A	Mx	.01	5.5
46	MP3B	X	-3.962	1.5
47	MP3B	Z	6.862	1.5
48	MP3B	Mx	-.006	1.5
49	MP3B	X	-3.962	5.5
50	MP3B	Z	6.862	5.5
51	MP3B	Mx	-.006	5.5
52	MP3C	X	-4.936	1.5
53	MP3C	Z	8.549	1.5
54	MP3C	Mx	-.002	1.5
55	MP3C	X	-4.936	5.5
56	MP3C	Z	8.549	5.5
57	MP3C	Mx	-.002	5.5
58	MP4A	X	-2.129	2
59	MP4A	Z	3.688	2
60	MP4A	Mx	.002	2
61	MP4A	X	-2.129	4
62	MP4A	Z	3.688	4
63	MP4A	Mx	.002	4
64	MP4B	X	-1.029	2
65	MP4B	Z	1.783	2
66	MP4B	Mx	-.002	2
67	MP4B	X	-1.029	4
68	MP4B	Z	1.783	4
69	MP4B	Mx	-.002	4
70	MP4C	X	-2.129	2
71	MP4C	Z	3.688	2
72	MP4C	Mx	.002	2
73	MP4C	X	-2.129	4
74	MP4C	Z	3.688	4
75	MP4C	Mx	.002	4
76	MP3A	X	-1.833	3
77	MP3A	Z	3.174	3
78	MP3A	Mx	-.000916	3
79	MP3B	X	-1.356	3
80	MP3B	Z	2.348	3
81	MP3B	Mx	.001	3
82	MP3C	X	-1.833	3
83	MP3C	Z	3.174	3
84	MP3C	Mx	-.000916	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP2A	X	-1.803	2.5
86	MP2A	Z	3.122	2.5
87	MP2A	Mx	-.000902	2.5
88	MP2B	X	-1.239	2.5
89	MP2B	Z	2.146	2.5
90	MP2B	Mx	.001	2.5
91	MP2C	X	-1.803	2.5
92	MP2C	Z	3.122	2.5
93	MP2C	Mx	-.000901	2.5
94	O2	X	-4.308	.25
95	O2	Z	7.461	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.846	1
2	MP2A	Z	3.375	1
3	MP2A	Mx	.004	1
4	MP2A	X	-5.846	5
5	MP2A	Z	3.375	5
6	MP2A	Mx	.004	5
7	MP2B	X	-6.306	1
8	MP2B	Z	3.641	1
9	MP2B	Mx	-.004	1
10	MP2B	X	-6.306	5
11	MP2B	Z	3.641	5
12	MP2B	Mx	-.004	5
13	MP2C	X	-7.959	1
14	MP2C	Z	4.595	1
15	MP2C	Mx	0	1
16	MP2C	X	-7.959	5
17	MP2C	Z	4.595	5
18	MP2C	Mx	0	5
19	O1	X	-6.779	.25
20	O1	Z	3.914	.25
21	O1	Mx	0	.25
22	MP3A	X	-7.377	1.5
23	MP3A	Z	4.259	1.5
24	MP3A	Mx	.003	1.5
25	MP3A	X	-7.377	5.5
26	MP3A	Z	4.259	5.5
27	MP3A	Mx	.003	5.5
28	MP3B	X	-7.76	1.5
29	MP3B	Z	4.48	1.5
30	MP3B	Mx	-.01	1.5
31	MP3B	X	-7.76	5.5
32	MP3B	Z	4.48	5.5
33	MP3B	Mx	-.01	5.5
34	MP3C	X	-9.135	1.5
35	MP3C	Z	5.274	1.5
36	MP3C	Mx	.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3C	X	-9.135	5.5
38	MP3C	Z	5.274	5.5
39	MP3C	Mx	.007	5.5
40	MP3A	X	-7.377	1.5
41	MP3A	Z	4.259	1.5
42	MP3A	Mx	.009	1.5
43	MP3A	X	-7.377	5.5
44	MP3A	Z	4.259	5.5
45	MP3A	Mx	.009	5.5
46	MP3B	X	-7.76	1.5
47	MP3B	Z	4.48	1.5
48	MP3B	Mx	-.002	1.5
49	MP3B	X	-7.76	5.5
50	MP3B	Z	4.48	5.5
51	MP3B	Mx	-.002	5.5
52	MP3C	X	-9.135	1.5
53	MP3C	Z	5.274	1.5
54	MP3C	Mx	-.007	1.5
55	MP3C	X	-9.135	5.5
56	MP3C	Z	5.274	5.5
57	MP3C	Mx	-.007	5.5
58	MP4A	X	-2.365	2
59	MP4A	Z	1.365	2
60	MP4A	Mx	.002	2
61	MP4A	X	-2.365	4
62	MP4A	Z	1.365	4
63	MP4A	Mx	.002	4
64	MP4B	X	-2.797	2
65	MP4B	Z	1.615	2
66	MP4B	Mx	-.002	2
67	MP4B	X	-2.797	4
68	MP4B	Z	1.615	4
69	MP4B	Mx	-.002	4
70	MP4C	X	-4.35	2
71	MP4C	Z	2.511	2
72	MP4C	Mx	0	2
73	MP4C	X	-4.35	4
74	MP4C	Z	2.511	4
75	MP4C	Mx	0	4
76	MP3A	X	-2.601	3
77	MP3A	Z	1.501	3
78	MP3A	Mx	-.001	3
79	MP3B	X	-2.788	3
80	MP3B	Z	1.61	3
81	MP3B	Mx	.001	3
82	MP3C	X	-3.461	3
83	MP3C	Z	1.998	3
84	MP3C	Mx	0	3
85	MP2A	X	-2.444	2.5
86	MP2A	Z	1.411	2.5
87	MP2A	Mx	-.001	2.5
88	MP2B	X	-2.666	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2B	Z	1.539	2.5
90	MP2B	Mx	.001	2.5
91	MP2C	X	-3.461	2.5
92	MP2C	Z	1.998	2.5
93	MP2C	Mx	0	2.5
94	O2	X	-6.779	.25
95	O2	Z	3.914	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.937	1
2	MP2A	Z	0	1
3	MP2A	Mx	.004	1
4	MP2A	X	-5.937	5
5	MP2A	Z	0	5
6	MP2A	Mx	.004	5
7	MP2B	X	-8.81	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.002	1
10	MP2B	X	-8.81	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.002	5
13	MP2C	X	-8.377	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.003	1
16	MP2C	X	-8.377	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.003	5
19	O1	X	-6.861	.25
20	O1	Z	0	.25
21	O1	Mx	0	.25
22	MP3A	X	-7.842	1.5
23	MP3A	Z	0	1.5
24	MP3A	Mx	.007	1.5
25	MP3A	X	-7.842	5.5
26	MP3A	Z	0	5.5
27	MP3A	Mx	.007	5.5
28	MP3B	X	-10.231	1.5
29	MP3B	Z	0	1.5
30	MP3B	Mx	-.009	1.5
31	MP3B	X	-10.231	5.5
32	MP3B	Z	0	5.5
33	MP3B	Mx	-.009	5.5
34	MP3C	X	-9.871	1.5
35	MP3C	Z	0	1.5
36	MP3C	Mx	.002	1.5
37	MP3C	X	-9.871	5.5
38	MP3C	Z	0	5.5
39	MP3C	Mx	.002	5.5
40	MP3A	X	-7.842	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	0	1.5
42	MP3A	Mx	.007	1.5
43	MP3A	X	-7.842	5.5
44	MP3A	Z	0	5.5
45	MP3A	Mx	.007	5.5
46	MP3B	X	-10.231	1.5
47	MP3B	Z	0	1.5
48	MP3B	Mx	.003	1.5
49	MP3B	X	-10.231	5.5
50	MP3B	Z	0	5.5
51	MP3B	Mx	.003	5.5
52	MP3C	X	-9.871	1.5
53	MP3C	Z	0	1.5
54	MP3C	Mx	-.01	1.5
55	MP3C	X	-9.871	5.5
56	MP3C	Z	0	5.5
57	MP3C	Mx	-.01	5.5
58	MP4A	X	-1.966	2
59	MP4A	Z	0	2
60	MP4A	Mx	.002	2
61	MP4A	X	-1.966	4
62	MP4A	Z	0	4
63	MP4A	Mx	.002	4
64	MP4B	X	-4.665	2
65	MP4B	Z	0	2
66	MP4B	Mx	-.001	2
67	MP4B	X	-4.665	4
68	MP4B	Z	0	4
69	MP4B	Mx	-.001	4
70	MP4C	X	-4.259	2
71	MP4C	Z	0	2
72	MP4C	Mx	-.002	2
73	MP4C	X	-4.259	4
74	MP4C	Z	0	4
75	MP4C	Mx	-.002	4
76	MP3A	X	-2.672	3
77	MP3A	Z	0	3
78	MP3A	Mx	-.001	3
79	MP3B	X	-3.842	3
80	MP3B	Z	0	3
81	MP3B	Mx	.000657	3
82	MP3C	X	-3.666	3
83	MP3C	Z	0	3
84	MP3C	Mx	.000916	3
85	MP2A	X	-2.431	2.5
86	MP2A	Z	0	2.5
87	MP2A	Mx	-.001	2.5
88	MP2B	X	-3.814	2.5
89	MP2B	Z	0	2.5
90	MP2B	Mx	.000652	2.5
91	MP2C	X	-3.605	2.5
92	MP2C	Z	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP2C	Mx	.000901	2.5
94	O2	X	-6.861	.25
95	O2	Z	0	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.846	1
2	MP2A	Z	-3.375	1
3	MP2A	Mx	.004	1
4	MP2A	X	-5.846	5
5	MP2A	Z	-3.375	5
6	MP2A	Mx	.004	5
7	MP2B	X	-7.874	1
8	MP2B	Z	-4.546	1
9	MP2B	Mx	.001	1
10	MP2B	X	-7.874	5
11	MP2B	Z	-4.546	5
12	MP2B	Mx	.001	5
13	MP2C	X	-5.846	1
14	MP2C	Z	-3.375	1
15	MP2C	Mx	-.004	1
16	MP2C	X	-5.846	5
17	MP2C	Z	-3.375	5
18	MP2C	Mx	-.004	5
19	O1	X	-5.787	.25
20	O1	Z	-3.341	.25
21	O1	Mx	0	.25
22	MP3A	X	-7.377	1.5
23	MP3A	Z	-4.259	1.5
24	MP3A	Mx	.009	1.5
25	MP3A	X	-7.377	5.5
26	MP3A	Z	-4.259	5.5
27	MP3A	Mx	.009	5.5
28	MP3B	X	-9.064	1.5
29	MP3B	Z	-5.233	1.5
30	MP3B	Mx	-.005	1.5
31	MP3B	X	-9.064	5.5
32	MP3B	Z	-5.233	5.5
33	MP3B	Mx	-.005	5.5
34	MP3C	X	-7.377	1.5
35	MP3C	Z	-4.259	1.5
36	MP3C	Mx	-.003	1.5
37	MP3C	X	-7.377	5.5
38	MP3C	Z	-4.259	5.5
39	MP3C	Mx	-.003	5.5
40	MP3A	X	-7.377	1.5
41	MP3A	Z	-4.259	1.5
42	MP3A	Mx	.003	1.5
43	MP3A	X	-7.377	5.5
44	MP3A	Z	-4.259	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3A	Mx	.003	5.5
46	MP3B	X	-9.064	1.5
47	MP3B	Z	-5.233	1.5
48	MP3B	Mx	.008	1.5
49	MP3B	X	-9.064	5.5
50	MP3B	Z	-5.233	5.5
51	MP3B	Mx	.008	5.5
52	MP3C	X	-7.377	1.5
53	MP3C	Z	-4.259	1.5
54	MP3C	Mx	-.009	1.5
55	MP3C	X	-7.377	5.5
56	MP3C	Z	-4.259	5.5
57	MP3C	Mx	-.009	5.5
58	MP4A	X	-2.365	2
59	MP4A	Z	-1.365	2
60	MP4A	Mx	.002	2
61	MP4A	X	-2.365	4
62	MP4A	Z	-1.365	4
63	MP4A	Mx	.002	4
64	MP4B	X	-4.27	2
65	MP4B	Z	-2.465	2
66	MP4B	Mx	.000713	2
67	MP4B	X	-4.27	4
68	MP4B	Z	-2.465	4
69	MP4B	Mx	.000713	4
70	MP4C	X	-2.365	2
71	MP4C	Z	-1.365	2
72	MP4C	Mx	-.002	2
73	MP4C	X	-2.365	4
74	MP4C	Z	-1.365	4
75	MP4C	Mx	-.002	4
76	MP3A	X	-2.601	3
77	MP3A	Z	-1.501	3
78	MP3A	Mx	-.001	3
79	MP3B	X	-3.427	3
80	MP3B	Z	-1.978	3
81	MP3B	Mx	-.000343	3
82	MP3C	X	-2.601	3
83	MP3C	Z	-1.501	3
84	MP3C	Mx	.001	3
85	MP2A	X	-2.444	2.5
86	MP2A	Z	-1.411	2.5
87	MP2A	Mx	-.001	2.5
88	MP2B	X	-3.421	2.5
89	MP2B	Z	-1.975	2.5
90	MP2B	Mx	-.000343	2.5
91	MP2C	X	-2.444	2.5
92	MP2C	Z	-1.411	2.5
93	MP2C	Mx	.001	2.5
94	O2	X	-5.787	.25
95	O2	Z	-3.341	.25
96	O2	Mx	0	.25



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	-6.791	1.5
54	MP3C	Mx	-.007	1.5
55	MP3C	X	-3.921	5.5
56	MP3C	Z	-6.791	5.5
57	MP3C	Mx	-.007	5.5
58	MP4A	X	-2.129	2
59	MP4A	Z	-3.688	2
60	MP4A	Mx	.002	2
61	MP4A	X	-2.129	4
62	MP4A	Z	-3.688	4
63	MP4A	Mx	.002	4
64	MP4B	X	-1.88	2
65	MP4B	Z	-3.256	2
66	MP4B	Mx	.002	2
67	MP4B	X	-1.88	4
68	MP4B	Z	-3.256	4
69	MP4B	Mx	.002	4
70	MP4C	X	-.983	2
71	MP4C	Z	-1.703	2
72	MP4C	Mx	-.002	2
73	MP4C	X	-.983	4
74	MP4C	Z	-1.703	4
75	MP4C	Mx	-.002	4
76	MP3A	X	-1.833	3
77	MP3A	Z	-3.174	3
78	MP3A	Mx	-.000916	3
79	MP3B	X	-1.725	3
80	MP3B	Z	-2.987	3
81	MP3B	Mx	-.001	3
82	MP3C	X	-1.336	3
83	MP3C	Z	-2.314	3
84	MP3C	Mx	.001	3
85	MP2A	X	-1.803	2.5
86	MP2A	Z	-3.122	2.5
87	MP2A	Mx	-.000902	2.5
88	MP2B	X	-1.675	2.5
89	MP2B	Z	-2.901	2.5
90	MP2B	Mx	-.001	2.5
91	MP2C	X	-1.216	2.5
92	MP2C	Z	-2.106	2.5
93	MP2C	Mx	.001	2.5
94	O2	X	-3.735	.25
95	O2	Z	-6.47	.25
96	O2	Mx	0	.25

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%39.5

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
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Member Point Loads (BLC 78 : Lm2) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%61

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.623	-6.623	0	%100
2	M4	Y	-9.687	-9.687	0	%100
3	M10	Y	-9.687	-9.687	0	%100
4	M43	Y	-9.687	-9.687	0	%100
5	M46	Y	-10.204	-10.204	0	%100
6	M51B	Y	-5.669	-5.669	0	%100
7	M52B	Y	-5.669	-5.669	0	%100
8	M76	Y	-10.191	-10.191	0	%100
9	M77	Y	-10.191	-10.191	0	%100
10	M80	Y	-10.204	-10.204	0	%100
11	M84	Y	-10.191	-10.191	0	%100
12	M85	Y	-10.191	-10.191	0	%100
13	M91	Y	-10.204	-10.204	0	%100
14	M26	Y	-6.623	-6.623	0	%100
15	M27	Y	-6.623	-6.623	0	%100
16	M28	Y	-9.687	-9.687	0	%100
17	M29	Y	-9.687	-9.687	0	%100
18	M30	Y	-9.687	-9.687	0	%100
19	M31	Y	-10.204	-10.204	0	%100
20	M34	Y	-5.669	-5.669	0	%100
21	M35	Y	-5.669	-5.669	0	%100
22	M39	Y	-10.191	-10.191	0	%100
23	M40	Y	-10.191	-10.191	0	%100
24	M42	Y	-10.204	-10.204	0	%100
25	M44	Y	-10.191	-10.191	0	%100
26	M45	Y	-10.191	-10.191	0	%100
27	M47	Y	-10.204	-10.204	0	%100
28	M52A	Y	-9.687	-9.687	0	%100
29	M53	Y	-9.687	-9.687	0	%100
30	M54	Y	-9.687	-9.687	0	%100
31	M55	Y	-10.204	-10.204	0	%100
32	M58A	Y	-5.669	-5.669	0	%100
33	M59A	Y	-5.669	-5.669	0	%100
34	M63	Y	-10.191	-10.191	0	%100
35	M64	Y	-10.191	-10.191	0	%100
36	M66	Y	-10.204	-10.204	0	%100
37	M68	Y	-10.191	-10.191	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,%]
38	M69	Y	-10.191	-10.191	0	%100
39	M71	Y	-10.204	-10.204	0	%100
40	M76A	Y	-5.025	-5.025	0	%100
41	M77A	Y	-5.025	-5.025	0	%100
42	M78	Y	-5.025	-5.025	0	%100
43	MP3A	Y	-5.025	-5.025	0	%100
44	MP1A	Y	-5.025	-5.025	0	%100
45	MP4A	Y	-5.025	-5.025	0	%100
46	MP2A	Y	-5.025	-5.025	0	%100
47	MP3B	Y	-5.025	-5.025	0	%100
48	MP1B	Y	-5.025	-5.025	0	%100
49	MP4B	Y	-5.025	-5.025	0	%100
50	MP2B	Y	-5.025	-5.025	0	%100
51	MP3C	Y	-5.025	-5.025	0	%100
52	MP1C	Y	-5.025	-5.025	0	%100
53	MP4C	Y	-5.025	-5.025	0	%100
54	MP2C	Y	-5.025	-5.025	0	%100
55	M121	Y	-6.674	-6.674	0	%100
56	M122	Y	-6.674	-6.674	0	%100
57	M123	Y	-6.674	-6.674	0	%100
58	M126	Y	-4.665	-4.665	0	%100
59	M127	Y	-4.665	-4.665	0	%100
60	M131	Y	-4.665	-4.665	0	%100
61	M132	Y	-4.665	-4.665	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	-11.185	-11.185	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-9.613	-9.613	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-9.613	-9.613	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-19.174	-19.174	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-2.662	-2.662	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-2.662	-2.662	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-4.882	-4.882	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-5.142	-5.142	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-4.882	-4.882	0	%100



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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,%]
25	M91	X	0	0	0	%100
26	M91	Z	-5.142	-5.142	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-2.796	-2.796	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-2.796	-2.796	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-8.52	-8.52	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-2.403	-2.403	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	-2.403	-2.403	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	-4.793	-4.793	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	-2.662	-2.662	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	-10.647	-10.647	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-14.38	-14.38	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-4.882	-4.882	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	-5.142	-5.142	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-14.38	-14.38	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	-19.529	-19.529	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	-20.569	-20.569	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-8.52	-8.52	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-2.403	-2.403	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-2.403	-2.403	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	-4.793	-4.793	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	-10.647	-10.647	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	-2.662	-2.662	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	-14.38	-14.38	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	-19.529	-19.529	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-20.569	-20.569	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	-14.38	-14.38	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	-4.882	-4.882	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, %]
77	M71	X	0	0	0	%100
78	M71	Z	-5.142	-5.142	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	-7.59	-7.59	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-1.897	-1.897	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	-1.897	-1.897	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-7.59	-7.59	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	-7.59	-7.59	0	%100
89	MP4A	X	0	0	0	%100
90	MP4A	Z	-7.59	-7.59	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	-7.59	-7.59	0	%100
93	MP3B	X	0	0	0	%100
94	MP3B	Z	-7.59	-7.59	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-7.59	-7.59	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-7.59	-7.59	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-7.59	-7.59	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	-7.59	-7.59	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-7.59	-7.59	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	-7.59	-7.59	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-7.59	-7.59	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-2.214	-2.214	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-2.214	-2.214	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-8.855	-8.855	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	-7.856	-7.856	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	-7.856	-7.856	0	%100
119	M131	X	0	0	0	%100
120	M131	Z	-7.856	-7.856	0	%100
121	M132	X	0	0	0	%100
122	M132	Z	-7.856	-7.856	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	4.194	4.194	0	%100
2	M1	Z	-7.265	-7.265	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,%]
3	M4	X	1.42	1.42	0 %100
4	M4	Z	-2.46	-2.46	0 %100
5	M10	X	3.605	3.605	0 %100
6	M10	Z	-6.244	-6.244	0 %100
7	M43	X	3.605	3.605	0 %100
8	M43	Z	-6.244	-6.244	0 %100
9	M46	X	7.19	7.19	0 %100
10	M46	Z	-12.454	-12.454	0 %100
11	M51B	X	3.993	3.993	0 %100
12	M51B	Z	-6.915	-6.915	0 %100
13	M52B	X	0	0	0 %100
14	M52B	Z	0	0	0 %100
15	M76	X	2.397	2.397	0 %100
16	M76	Z	-4.151	-4.151	0 %100
17	M77	X	7.323	7.323	0 %100
18	M77	Z	-12.684	-12.684	0 %100
19	M80	X	7.713	7.713	0 %100
20	M80	Z	-13.36	-13.36	0 %100
21	M84	X	2.397	2.397	0 %100
22	M84	Z	-4.151	-4.151	0 %100
23	M85	X	0	0	0 %100
24	M85	Z	0	0	0 %100
25	M91	X	0	0	0 %100
26	M91	Z	0	0	0 %100
27	M26	X	4.194	4.194	0 %100
28	M26	Z	-7.265	-7.265	0 %100
29	M27	X	0	0	0 %100
30	M27	Z	0	0	0 %100
31	M28	X	1.42	1.42	0 %100
32	M28	Z	-2.46	-2.46	0 %100
33	M29	X	3.605	3.605	0 %100
34	M29	Z	-6.244	-6.244	0 %100
35	M30	X	3.605	3.605	0 %100
36	M30	Z	-6.244	-6.244	0 %100
37	M31	X	7.19	7.19	0 %100
38	M31	Z	-12.454	-12.454	0 %100
39	M34	X	0	0	0 %100
40	M34	Z	0	0	0 %100
41	M35	X	3.993	3.993	0 %100
42	M35	Z	-6.915	-6.915	0 %100
43	M39	X	2.397	2.397	0 %100
44	M39	Z	-4.151	-4.151	0 %100
45	M40	X	0	0	0 %100
46	M40	Z	0	0	0 %100
47	M42	X	0	0	0 %100
48	M42	Z	0	0	0 %100
49	M44	X	2.397	2.397	0 %100
50	M44	Z	-4.151	-4.151	0 %100
51	M45	X	7.323	7.323	0 %100
52	M45	Z	-12.684	-12.684	0 %100
53	M47	X	7.713	7.713	0 %100
54	M47	Z	-13.36	-13.36	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,%]
107	MP2C	X	3.795	3.795	0	%100
108	MP2C	Z	-6.573	-6.573	0	%100
109	M121	X	3.321	3.321	0	%100
110	M121	Z	-5.751	-5.751	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	3.321	3.321	0	%100
114	M123	Z	-5.751	-5.751	0	%100
115	M126	X	3.928	3.928	0	%100
116	M126	Z	-6.803	-6.803	0	%100
117	M127	X	3.928	3.928	0	%100
118	M127	Z	-6.803	-6.803	0	%100
119	M131	X	3.928	3.928	0	%100
120	M131	Z	-6.803	-6.803	0	%100
121	M132	X	3.928	3.928	0	%100
122	M132	Z	-6.803	-6.803	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	2.422	2.422	0	%100
2	M1	Z	-1.398	-1.398	0	%100
3	M4	X	7.379	7.379	0	%100
4	M4	Z	-4.26	-4.26	0	%100
5	M10	X	2.081	2.081	0	%100
6	M10	Z	-1.202	-1.202	0	%100
7	M43	X	2.081	2.081	0	%100
8	M43	Z	-1.202	-1.202	0	%100
9	M46	X	4.151	4.151	0	%100
10	M46	Z	-2.397	-2.397	0	%100
11	M51B	X	9.22	9.22	0	%100
12	M51B	Z	-5.323	-5.323	0	%100
13	M52B	X	2.305	2.305	0	%100
14	M52B	Z	-1.331	-1.331	0	%100
15	M76	X	12.454	12.454	0	%100
16	M76	Z	-7.19	-7.19	0	%100
17	M77	X	16.912	16.912	0	%100
18	M77	Z	-9.764	-9.764	0	%100
19	M80	X	17.813	17.813	0	%100
20	M80	Z	-10.285	-10.285	0	%100
21	M84	X	12.454	12.454	0	%100
22	M84	Z	-7.19	-7.19	0	%100
23	M85	X	4.228	4.228	0	%100
24	M85	Z	-2.441	-2.441	0	%100
25	M91	X	4.453	4.453	0	%100
26	M91	Z	-2.571	-2.571	0	%100
27	M26	X	9.686	9.686	0	%100
28	M26	Z	-5.592	-5.592	0	%100
29	M27	X	2.422	2.422	0	%100
30	M27	Z	-1.398	-1.398	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	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,%]
33	M29	X	8.325	8.325	0	%100
34	M29	Z	-4.806	-4.806	0	%100
35	M30	X	8.325	8.325	0	%100
36	M30	Z	-4.806	-4.806	0	%100
37	M31	X	16.605	16.605	0	%100
38	M31	Z	-9.587	-9.587	0	%100
39	M34	X	2.305	2.305	0	%100
40	M34	Z	-1.331	-1.331	0	%100
41	M35	X	2.305	2.305	0	%100
42	M35	Z	-1.331	-1.331	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	4.228	4.228	0	%100
46	M40	Z	-2.441	-2.441	0	%100
47	M42	X	4.453	4.453	0	%100
48	M42	Z	-2.571	-2.571	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	4.228	4.228	0	%100
52	M45	Z	-2.441	-2.441	0	%100
53	M47	X	4.453	4.453	0	%100
54	M47	Z	-2.571	-2.571	0	%100
55	M52A	X	7.379	7.379	0	%100
56	M52A	Z	-4.26	-4.26	0	%100
57	M53	X	2.081	2.081	0	%100
58	M53	Z	-1.202	-1.202	0	%100
59	M54	X	2.081	2.081	0	%100
60	M54	Z	-1.202	-1.202	0	%100
61	M55	X	4.151	4.151	0	%100
62	M55	Z	-2.397	-2.397	0	%100
63	M58A	X	2.305	2.305	0	%100
64	M58A	Z	-1.331	-1.331	0	%100
65	M59A	X	9.22	9.22	0	%100
66	M59A	Z	-5.323	-5.323	0	%100
67	M63	X	12.454	12.454	0	%100
68	M63	Z	-7.19	-7.19	0	%100
69	M64	X	4.228	4.228	0	%100
70	M64	Z	-2.441	-2.441	0	%100
71	M66	X	4.453	4.453	0	%100
72	M66	Z	-2.571	-2.571	0	%100
73	M68	X	12.454	12.454	0	%100
74	M68	Z	-7.19	-7.19	0	%100
75	M69	X	16.912	16.912	0	%100
76	M69	Z	-9.764	-9.764	0	%100
77	M71	X	17.813	17.813	0	%100
78	M71	Z	-10.285	-10.285	0	%100
79	M76A	X	1.643	1.643	0	%100
80	M76A	Z	-.949	-.949	0	%100
81	M77A	X	6.573	6.573	0	%100
82	M77A	Z	-3.795	-3.795	0	%100
83	M78	X	1.643	1.643	0	%100
84	M78	Z	-.949	-.949	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,%]
85	MP3A	X	6.573	6.573	0	%100
86	MP3A	Z	-3.795	-3.795	0	%100
87	MP1A	X	6.573	6.573	0	%100
88	MP1A	Z	-3.795	-3.795	0	%100
89	MP4A	X	6.573	6.573	0	%100
90	MP4A	Z	-3.795	-3.795	0	%100
91	MP2A	X	6.573	6.573	0	%100
92	MP2A	Z	-3.795	-3.795	0	%100
93	MP3B	X	6.573	6.573	0	%100
94	MP3B	Z	-3.795	-3.795	0	%100
95	MP1B	X	6.573	6.573	0	%100
96	MP1B	Z	-3.795	-3.795	0	%100
97	MP4B	X	6.573	6.573	0	%100
98	MP4B	Z	-3.795	-3.795	0	%100
99	MP2B	X	6.573	6.573	0	%100
100	MP2B	Z	-3.795	-3.795	0	%100
101	MP3C	X	6.573	6.573	0	%100
102	MP3C	Z	-3.795	-3.795	0	%100
103	MP1C	X	6.573	6.573	0	%100
104	MP1C	Z	-3.795	-3.795	0	%100
105	MP4C	X	6.573	6.573	0	%100
106	MP4C	Z	-3.795	-3.795	0	%100
107	MP2C	X	6.573	6.573	0	%100
108	MP2C	Z	-3.795	-3.795	0	%100
109	M121	X	7.669	7.669	0	%100
110	M121	Z	-4.427	-4.427	0	%100
111	M122	X	1.917	1.917	0	%100
112	M122	Z	-1.107	-1.107	0	%100
113	M123	X	1.917	1.917	0	%100
114	M123	Z	-1.107	-1.107	0	%100
115	M126	X	6.803	6.803	0	%100
116	M126	Z	-3.928	-3.928	0	%100
117	M127	X	6.803	6.803	0	%100
118	M127	Z	-3.928	-3.928	0	%100
119	M131	X	6.803	6.803	0	%100
120	M131	Z	-3.928	-3.928	0	%100
121	M132	X	6.803	6.803	0	%100
122	M132	Z	-3.928	-3.928	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	11.36	11.36	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	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,%]
11	M51B	X	7.985	7.985	0 %100
12	M51B	Z	0	0	0 %100
13	M52B	X	7.985	7.985	0 %100
14	M52B	Z	0	0	0 %100
15	M76	X	19.174	19.174	0 %100
16	M76	Z	0	0	0 %100
17	M77	X	14.646	14.646	0 %100
18	M77	Z	0	0	0 %100
19	M80	X	15.427	15.427	0 %100
20	M80	Z	0	0	0 %100
21	M84	X	19.174	19.174	0 %100
22	M84	Z	0	0	0 %100
23	M85	X	14.646	14.646	0 %100
24	M85	Z	0	0	0 %100
25	M91	X	15.427	15.427	0 %100
26	M91	Z	0	0	0 %100
27	M26	X	8.388	8.388	0 %100
28	M26	Z	0	0	0 %100
29	M27	X	8.388	8.388	0 %100
30	M27	Z	0	0	0 %100
31	M28	X	2.84	2.84	0 %100
32	M28	Z	0	0	0 %100
33	M29	X	7.21	7.21	0 %100
34	M29	Z	0	0	0 %100
35	M30	X	7.21	7.21	0 %100
36	M30	Z	0	0	0 %100
37	M31	X	14.38	14.38	0 %100
38	M31	Z	0	0	0 %100
39	M34	X	7.985	7.985	0 %100
40	M34	Z	0	0	0 %100
41	M35	X	0	0	0 %100
42	M35	Z	0	0	0 %100
43	M39	X	4.793	4.793	0 %100
44	M39	Z	0	0	0 %100
45	M40	X	14.646	14.646	0 %100
46	M40	Z	0	0	0 %100
47	M42	X	15.427	15.427	0 %100
48	M42	Z	0	0	0 %100
49	M44	X	4.793	4.793	0 %100
50	M44	Z	0	0	0 %100
51	M45	X	0	0	0 %100
52	M45	Z	0	0	0 %100
53	M47	X	0	0	0 %100
54	M47	Z	0	0	0 %100
55	M52A	X	2.84	2.84	0 %100
56	M52A	Z	0	0	0 %100
57	M53	X	7.21	7.21	0 %100
58	M53	Z	0	0	0 %100
59	M54	X	7.21	7.21	0 %100
60	M54	Z	0	0	0 %100
61	M55	X	14.38	14.38	0 %100
62	M55	Z	0	0	0 %100



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 Designer :
 Job Number :
 Model Name :

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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, %]
63	M58A	X	0	0	0 % 100
64	M58A	Z	0	0	0 % 100
65	M59A	X	7.985	7.985	0 % 100
66	M59A	Z	0	0	0 % 100
67	M63	X	4.793	4.793	0 % 100
68	M63	Z	0	0	0 % 100
69	M64	X	0	0	0 % 100
70	M64	Z	0	0	0 % 100
71	M66	X	0	0	0 % 100
72	M66	Z	0	0	0 % 100
73	M68	X	4.793	4.793	0 % 100
74	M68	Z	0	0	0 % 100
75	M69	X	14.646	14.646	0 % 100
76	M69	Z	0	0	0 % 100
77	M71	X	15.427	15.427	0 % 100
78	M71	Z	0	0	0 % 100
79	M76A	X	0	0	0 % 100
80	M76A	Z	0	0	0 % 100
81	M77A	X	5.692	5.692	0 % 100
82	M77A	Z	0	0	0 % 100
83	M78	X	5.692	5.692	0 % 100
84	M78	Z	0	0	0 % 100
85	MP3A	X	7.59	7.59	0 % 100
86	MP3A	Z	0	0	0 % 100
87	MP1A	X	7.59	7.59	0 % 100
88	MP1A	Z	0	0	0 % 100
89	MP4A	X	7.59	7.59	0 % 100
90	MP4A	Z	0	0	0 % 100
91	MP2A	X	7.59	7.59	0 % 100
92	MP2A	Z	0	0	0 % 100
93	MP3B	X	7.59	7.59	0 % 100
94	MP3B	Z	0	0	0 % 100
95	MP1B	X	7.59	7.59	0 % 100
96	MP1B	Z	0	0	0 % 100
97	MP4B	X	7.59	7.59	0 % 100
98	MP4B	Z	0	0	0 % 100
99	MP2B	X	7.59	7.59	0 % 100
100	MP2B	Z	0	0	0 % 100
101	MP3C	X	7.59	7.59	0 % 100
102	MP3C	Z	0	0	0 % 100
103	MP1C	X	7.59	7.59	0 % 100
104	MP1C	Z	0	0	0 % 100
105	MP4C	X	7.59	7.59	0 % 100
106	MP4C	Z	0	0	0 % 100
107	MP2C	X	7.59	7.59	0 % 100
108	MP2C	Z	0	0	0 % 100
109	M121	X	6.641	6.641	0 % 100
110	M121	Z	0	0	0 % 100
111	M122	X	6.641	6.641	0 % 100
112	M122	Z	0	0	0 % 100
113	M123	X	0	0	0 % 100
114	M123	Z	0	0	0 % 100



Company :
 Designer :
 Job Number :
 Model Name :

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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,%]
115	M126	X	7.856	7.856	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	7.856	7.856	0	%100
118	M127	Z	0	0	0	%100
119	M131	X	7.856	7.856	0	%100
120	M131	Z	0	0	0	%100
121	M132	X	7.856	7.856	0	%100
122	M132	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	2.422	2.422	0	%100
2	M1	Z	1.398	1.398	0	%100
3	M4	X	7.379	7.379	0	%100
4	M4	Z	4.26	4.26	0	%100
5	M10	X	2.081	2.081	0	%100
6	M10	Z	1.202	1.202	0	%100
7	M43	X	2.081	2.081	0	%100
8	M43	Z	1.202	1.202	0	%100
9	M46	X	4.151	4.151	0	%100
10	M46	Z	2.397	2.397	0	%100
11	M51B	X	2.305	2.305	0	%100
12	M51B	Z	1.331	1.331	0	%100
13	M52B	X	9.22	9.22	0	%100
14	M52B	Z	5.323	5.323	0	%100
15	M76	X	12.454	12.454	0	%100
16	M76	Z	7.19	7.19	0	%100
17	M77	X	4.228	4.228	0	%100
18	M77	Z	2.441	2.441	0	%100
19	M80	X	4.453	4.453	0	%100
20	M80	Z	2.571	2.571	0	%100
21	M84	X	12.454	12.454	0	%100
22	M84	Z	7.19	7.19	0	%100
23	M85	X	16.912	16.912	0	%100
24	M85	Z	9.764	9.764	0	%100
25	M91	X	17.813	17.813	0	%100
26	M91	Z	10.285	10.285	0	%100
27	M26	X	2.422	2.422	0	%100
28	M26	Z	1.398	1.398	0	%100
29	M27	X	9.686	9.686	0	%100
30	M27	Z	5.592	5.592	0	%100
31	M28	X	7.379	7.379	0	%100
32	M28	Z	4.26	4.26	0	%100
33	M29	X	2.081	2.081	0	%100
34	M29	Z	1.202	1.202	0	%100
35	M30	X	2.081	2.081	0	%100
36	M30	Z	1.202	1.202	0	%100
37	M31	X	4.151	4.151	0	%100
38	M31	Z	2.397	2.397	0	%100
39	M34	X	9.22	9.22	0	%100
40	M34	Z	5.323	5.323	0	%100



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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,%]
41	M35	X	2.305	2.305	0	%100
42	M35	Z	1.331	1.331	0	%100
43	M39	X	12.454	12.454	0	%100
44	M39	Z	7.19	7.19	0	%100
45	M40	X	16.912	16.912	0	%100
46	M40	Z	9.764	9.764	0	%100
47	M42	X	17.813	17.813	0	%100
48	M42	Z	10.285	10.285	0	%100
49	M44	X	12.454	12.454	0	%100
50	M44	Z	7.19	7.19	0	%100
51	M45	X	4.228	4.228	0	%100
52	M45	Z	2.441	2.441	0	%100
53	M47	X	4.453	4.453	0	%100
54	M47	Z	2.571	2.571	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	8.325	8.325	0	%100
58	M53	Z	4.806	4.806	0	%100
59	M54	X	8.325	8.325	0	%100
60	M54	Z	4.806	4.806	0	%100
61	M55	X	16.605	16.605	0	%100
62	M55	Z	9.587	9.587	0	%100
63	M58A	X	2.305	2.305	0	%100
64	M58A	Z	1.331	1.331	0	%100
65	M59A	X	2.305	2.305	0	%100
66	M59A	Z	1.331	1.331	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	4.228	4.228	0	%100
70	M64	Z	2.441	2.441	0	%100
71	M66	X	4.453	4.453	0	%100
72	M66	Z	2.571	2.571	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	4.228	4.228	0	%100
76	M69	Z	2.441	2.441	0	%100
77	M71	X	4.453	4.453	0	%100
78	M71	Z	2.571	2.571	0	%100
79	M76A	X	1.643	1.643	0	%100
80	M76A	Z	.949	.949	0	%100
81	M77A	X	1.643	1.643	0	%100
82	M77A	Z	.949	.949	0	%100
83	M78	X	6.573	6.573	0	%100
84	M78	Z	3.795	3.795	0	%100
85	MP3A	X	6.573	6.573	0	%100
86	MP3A	Z	3.795	3.795	0	%100
87	MP1A	X	6.573	6.573	0	%100
88	MP1A	Z	3.795	3.795	0	%100
89	MP4A	X	6.573	6.573	0	%100
90	MP4A	Z	3.795	3.795	0	%100
91	MP2A	X	6.573	6.573	0	%100
92	MP2A	Z	3.795	3.795	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,%]
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	2.397	2.397	0	%100
22	M84	Z	4.151	4.151	0	%100
23	M85	X	7.323	7.323	0	%100
24	M85	Z	12.684	12.684	0	%100
25	M91	X	7.713	7.713	0	%100
26	M91	Z	13.36	13.36	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	4.194	4.194	0	%100
30	M27	Z	7.265	7.265	0	%100
31	M28	X	5.68	5.68	0	%100
32	M28	Z	9.838	9.838	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	3.993	3.993	0	%100
40	M34	Z	6.915	6.915	0	%100
41	M35	X	3.993	3.993	0	%100
42	M35	Z	6.915	6.915	0	%100
43	M39	X	9.587	9.587	0	%100
44	M39	Z	16.605	16.605	0	%100
45	M40	X	7.323	7.323	0	%100
46	M40	Z	12.684	12.684	0	%100
47	M42	X	7.713	7.713	0	%100
48	M42	Z	13.36	13.36	0	%100
49	M44	X	9.587	9.587	0	%100
50	M44	Z	16.605	16.605	0	%100
51	M45	X	7.323	7.323	0	%100
52	M45	Z	12.684	12.684	0	%100
53	M47	X	7.713	7.713	0	%100
54	M47	Z	13.36	13.36	0	%100
55	M52A	X	1.42	1.42	0	%100
56	M52A	Z	2.46	2.46	0	%100
57	M53	X	3.605	3.605	0	%100
58	M53	Z	6.244	6.244	0	%100
59	M54	X	3.605	3.605	0	%100
60	M54	Z	6.244	6.244	0	%100
61	M55	X	7.19	7.19	0	%100
62	M55	Z	12.454	12.454	0	%100
63	M58A	X	3.993	3.993	0	%100
64	M58A	Z	6.915	6.915	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	2.397	2.397	0	%100
68	M63	Z	4.151	4.151	0	%100
69	M64	X	7.323	7.323	0	%100
70	M64	Z	12.684	12.684	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,%]
71	M66	X	7.713	7.713	0	%100
72	M66	Z	13.36	13.36	0	%100
73	M68	X	2.397	2.397	0	%100
74	M68	Z	4.151	4.151	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	2.846	2.846	0	%100
80	M76A	Z	4.93	4.93	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	2.846	2.846	0	%100
84	M78	Z	4.93	4.93	0	%100
85	MP3A	X	3.795	3.795	0	%100
86	MP3A	Z	6.573	6.573	0	%100
87	MP1A	X	3.795	3.795	0	%100
88	MP1A	Z	6.573	6.573	0	%100
89	MP4A	X	3.795	3.795	0	%100
90	MP4A	Z	6.573	6.573	0	%100
91	MP2A	X	3.795	3.795	0	%100
92	MP2A	Z	6.573	6.573	0	%100
93	MP3B	X	3.795	3.795	0	%100
94	MP3B	Z	6.573	6.573	0	%100
95	MP1B	X	3.795	3.795	0	%100
96	MP1B	Z	6.573	6.573	0	%100
97	MP4B	X	3.795	3.795	0	%100
98	MP4B	Z	6.573	6.573	0	%100
99	MP2B	X	3.795	3.795	0	%100
100	MP2B	Z	6.573	6.573	0	%100
101	MP3C	X	3.795	3.795	0	%100
102	MP3C	Z	6.573	6.573	0	%100
103	MP1C	X	3.795	3.795	0	%100
104	MP1C	Z	6.573	6.573	0	%100
105	MP4C	X	3.795	3.795	0	%100
106	MP4C	Z	6.573	6.573	0	%100
107	MP2C	X	3.795	3.795	0	%100
108	MP2C	Z	6.573	6.573	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	3.321	3.321	0	%100
112	M122	Z	5.751	5.751	0	%100
113	M123	X	3.321	3.321	0	%100
114	M123	Z	5.751	5.751	0	%100
115	M126	X	3.928	3.928	0	%100
116	M126	Z	6.803	6.803	0	%100
117	M127	X	3.928	3.928	0	%100
118	M127	Z	6.803	6.803	0	%100
119	M131	X	3.928	3.928	0	%100
120	M131	Z	6.803	6.803	0	%100
121	M132	X	3.928	3.928	0	%100
122	M132	Z	6.803	6.803	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	11.185	11.185	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	9.613	9.613	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	9.613	9.613	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	19.174	19.174	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	2.662	2.662	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	2.662	2.662	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	4.882	4.882	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	5.142	5.142	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	4.882	4.882	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	5.142	5.142	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	2.796	2.796	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	2.796	2.796	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	8.52	8.52	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	2.403	2.403	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	2.403	2.403	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	4.793	4.793	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	2.662	2.662	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	10.647	10.647	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	14.38	14.38	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	4.882	4.882	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	5.142	5.142	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	14.38	14.38	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	19.529	19.529	0	%100



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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,%]
53	M47	X	0	0	0	%100
54	M47	Z	20.569	20.569	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	8.52	8.52	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	2.403	2.403	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	2.403	2.403	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	4.793	4.793	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	10.647	10.647	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	2.662	2.662	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	14.38	14.38	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	19.529	19.529	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	20.569	20.569	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	14.38	14.38	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	4.882	4.882	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	5.142	5.142	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	7.59	7.59	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	1.897	1.897	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	1.897	1.897	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	7.59	7.59	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	7.59	7.59	0	%100
89	MP4A	X	0	0	0	%100
90	MP4A	Z	7.59	7.59	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	7.59	7.59	0	%100
93	MP3B	X	0	0	0	%100
94	MP3B	Z	7.59	7.59	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	7.59	7.59	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	7.59	7.59	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	7.59	7.59	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	7.59	7.59	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	7.59	7.59	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,%]
105	MP4C	X	0	0	0	%100
106	MP4C	Z	7.59	7.59	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	7.59	7.59	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	2.214	2.214	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	2.214	2.214	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	8.855	8.855	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	7.856	7.856	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	7.856	7.856	0	%100
119	M131	X	0	0	0	%100
120	M131	Z	7.856	7.856	0	%100
121	M132	X	0	0	0	%100
122	M132	Z	7.856	7.856	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	-4.194	-4.194	0	%100
2	M1	Z	7.265	7.265	0	%100
3	M4	X	-1.42	-1.42	0	%100
4	M4	Z	2.46	2.46	0	%100
5	M10	X	-3.605	-3.605	0	%100
6	M10	Z	6.244	6.244	0	%100
7	M43	X	-3.605	-3.605	0	%100
8	M43	Z	6.244	6.244	0	%100
9	M46	X	-7.19	-7.19	0	%100
10	M46	Z	12.454	12.454	0	%100
11	M51B	X	-3.993	-3.993	0	%100
12	M51B	Z	6.915	6.915	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-2.397	-2.397	0	%100
16	M76	Z	4.151	4.151	0	%100
17	M77	X	-7.323	-7.323	0	%100
18	M77	Z	12.684	12.684	0	%100
19	M80	X	-7.713	-7.713	0	%100
20	M80	Z	13.36	13.36	0	%100
21	M84	X	-2.397	-2.397	0	%100
22	M84	Z	4.151	4.151	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-4.194	-4.194	0	%100
28	M26	Z	7.265	7.265	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100



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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,%]
31	M28	X	-1.42	-1.42	0	%100
32	M28	Z	2.46	2.46	0	%100
33	M29	X	-3.605	-3.605	0	%100
34	M29	Z	6.244	6.244	0	%100
35	M30	X	-3.605	-3.605	0	%100
36	M30	Z	6.244	6.244	0	%100
37	M31	X	-7.19	-7.19	0	%100
38	M31	Z	12.454	12.454	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	-3.993	-3.993	0	%100
42	M35	Z	6.915	6.915	0	%100
43	M39	X	-2.397	-2.397	0	%100
44	M39	Z	4.151	4.151	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-2.397	-2.397	0	%100
50	M44	Z	4.151	4.151	0	%100
51	M45	X	-7.323	-7.323	0	%100
52	M45	Z	12.684	12.684	0	%100
53	M47	X	-7.713	-7.713	0	%100
54	M47	Z	13.36	13.36	0	%100
55	M52A	X	-5.68	-5.68	0	%100
56	M52A	Z	9.838	9.838	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	-3.993	-3.993	0	%100
64	M58A	Z	6.915	6.915	0	%100
65	M59A	X	-3.993	-3.993	0	%100
66	M59A	Z	6.915	6.915	0	%100
67	M63	X	-9.587	-9.587	0	%100
68	M63	Z	16.605	16.605	0	%100
69	M64	X	-7.323	-7.323	0	%100
70	M64	Z	12.684	12.684	0	%100
71	M66	X	-7.713	-7.713	0	%100
72	M66	Z	13.36	13.36	0	%100
73	M68	X	-9.587	-9.587	0	%100
74	M68	Z	16.605	16.605	0	%100
75	M69	X	-7.323	-7.323	0	%100
76	M69	Z	12.684	12.684	0	%100
77	M71	X	-7.713	-7.713	0	%100
78	M71	Z	13.36	13.36	0	%100
79	M76A	X	-2.846	-2.846	0	%100
80	M76A	Z	4.93	4.93	0	%100
81	M77A	X	-2.846	-2.846	0	%100
82	M77A	Z	4.93	4.93	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,%]
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	-3.795	-3.795	0	%100
86	MP3A	Z	6.573	6.573	0	%100
87	MP1A	X	-3.795	-3.795	0	%100
88	MP1A	Z	6.573	6.573	0	%100
89	MP4A	X	-3.795	-3.795	0	%100
90	MP4A	Z	6.573	6.573	0	%100
91	MP2A	X	-3.795	-3.795	0	%100
92	MP2A	Z	6.573	6.573	0	%100
93	MP3B	X	-3.795	-3.795	0	%100
94	MP3B	Z	6.573	6.573	0	%100
95	MP1B	X	-3.795	-3.795	0	%100
96	MP1B	Z	6.573	6.573	0	%100
97	MP4B	X	-3.795	-3.795	0	%100
98	MP4B	Z	6.573	6.573	0	%100
99	MP2B	X	-3.795	-3.795	0	%100
100	MP2B	Z	6.573	6.573	0	%100
101	MP3C	X	-3.795	-3.795	0	%100
102	MP3C	Z	6.573	6.573	0	%100
103	MP1C	X	-3.795	-3.795	0	%100
104	MP1C	Z	6.573	6.573	0	%100
105	MP4C	X	-3.795	-3.795	0	%100
106	MP4C	Z	6.573	6.573	0	%100
107	MP2C	X	-3.795	-3.795	0	%100
108	MP2C	Z	6.573	6.573	0	%100
109	M121	X	-3.321	-3.321	0	%100
110	M121	Z	5.751	5.751	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-3.321	-3.321	0	%100
114	M123	Z	5.751	5.751	0	%100
115	M126	X	-3.928	-3.928	0	%100
116	M126	Z	6.803	6.803	0	%100
117	M127	X	-3.928	-3.928	0	%100
118	M127	Z	6.803	6.803	0	%100
119	M131	X	-3.928	-3.928	0	%100
120	M131	Z	6.803	6.803	0	%100
121	M132	X	-3.928	-3.928	0	%100
122	M132	Z	6.803	6.803	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	-2.422	-2.422	0	%100
2	M1	Z	1.398	1.398	0	%100
3	M4	X	-7.379	-7.379	0	%100
4	M4	Z	4.26	4.26	0	%100
5	M10	X	-2.081	-2.081	0	%100
6	M10	Z	1.202	1.202	0	%100
7	M43	X	-2.081	-2.081	0	%100
8	M43	Z	1.202	1.202	0	%100



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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,%]
9	M46	X	-4.151	-4.151	0 %100
10	M46	Z	2.397	2.397	0 %100
11	M51B	X	-9.22	-9.22	0 %100
12	M51B	Z	5.323	5.323	0 %100
13	M52B	X	-2.305	-2.305	0 %100
14	M52B	Z	1.331	1.331	0 %100
15	M76	X	-12.454	-12.454	0 %100
16	M76	Z	7.19	7.19	0 %100
17	M77	X	-16.912	-16.912	0 %100
18	M77	Z	9.764	9.764	0 %100
19	M80	X	-17.813	-17.813	0 %100
20	M80	Z	10.285	10.285	0 %100
21	M84	X	-12.454	-12.454	0 %100
22	M84	Z	7.19	7.19	0 %100
23	M85	X	-4.228	-4.228	0 %100
24	M85	Z	2.441	2.441	0 %100
25	M91	X	-4.453	-4.453	0 %100
26	M91	Z	2.571	2.571	0 %100
27	M26	X	-9.686	-9.686	0 %100
28	M26	Z	5.592	5.592	0 %100
29	M27	X	-2.422	-2.422	0 %100
30	M27	Z	1.398	1.398	0 %100
31	M28	X	0	0	0 %100
32	M28	Z	0	0	0 %100
33	M29	X	-8.325	-8.325	0 %100
34	M29	Z	4.806	4.806	0 %100
35	M30	X	-8.325	-8.325	0 %100
36	M30	Z	4.806	4.806	0 %100
37	M31	X	-16.605	-16.605	0 %100
38	M31	Z	9.587	9.587	0 %100
39	M34	X	-2.305	-2.305	0 %100
40	M34	Z	1.331	1.331	0 %100
41	M35	X	-2.305	-2.305	0 %100
42	M35	Z	1.331	1.331	0 %100
43	M39	X	0	0	0 %100
44	M39	Z	0	0	0 %100
45	M40	X	-4.228	-4.228	0 %100
46	M40	Z	2.441	2.441	0 %100
47	M42	X	-4.453	-4.453	0 %100
48	M42	Z	2.571	2.571	0 %100
49	M44	X	0	0	0 %100
50	M44	Z	0	0	0 %100
51	M45	X	-4.228	-4.228	0 %100
52	M45	Z	2.441	2.441	0 %100
53	M47	X	-4.453	-4.453	0 %100
54	M47	Z	2.571	2.571	0 %100
55	M52A	X	-7.379	-7.379	0 %100
56	M52A	Z	4.26	4.26	0 %100
57	M53	X	-2.081	-2.081	0 %100
58	M53	Z	1.202	1.202	0 %100
59	M54	X	-2.081	-2.081	0 %100
60	M54	Z	1.202	1.202	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, %]
61	M55	X	-4.151	-4.151	0	%100
62	M55	Z	2.397	2.397	0	%100
63	M58A	X	-2.305	-2.305	0	%100
64	M58A	Z	1.331	1.331	0	%100
65	M59A	X	-9.22	-9.22	0	%100
66	M59A	Z	5.323	5.323	0	%100
67	M63	X	-12.454	-12.454	0	%100
68	M63	Z	7.19	7.19	0	%100
69	M64	X	-4.228	-4.228	0	%100
70	M64	Z	2.441	2.441	0	%100
71	M66	X	-4.453	-4.453	0	%100
72	M66	Z	2.571	2.571	0	%100
73	M68	X	-12.454	-12.454	0	%100
74	M68	Z	7.19	7.19	0	%100
75	M69	X	-16.912	-16.912	0	%100
76	M69	Z	9.764	9.764	0	%100
77	M71	X	-17.813	-17.813	0	%100
78	M71	Z	10.285	10.285	0	%100
79	M76A	X	-1.643	-1.643	0	%100
80	M76A	Z	.949	.949	0	%100
81	M77A	X	-6.573	-6.573	0	%100
82	M77A	Z	3.795	3.795	0	%100
83	M78	X	-1.643	-1.643	0	%100
84	M78	Z	.949	.949	0	%100
85	MP3A	X	-6.573	-6.573	0	%100
86	MP3A	Z	3.795	3.795	0	%100
87	MP1A	X	-6.573	-6.573	0	%100
88	MP1A	Z	3.795	3.795	0	%100
89	MP4A	X	-6.573	-6.573	0	%100
90	MP4A	Z	3.795	3.795	0	%100
91	MP2A	X	-6.573	-6.573	0	%100
92	MP2A	Z	3.795	3.795	0	%100
93	MP3B	X	-6.573	-6.573	0	%100
94	MP3B	Z	3.795	3.795	0	%100
95	MP1B	X	-6.573	-6.573	0	%100
96	MP1B	Z	3.795	3.795	0	%100
97	MP4B	X	-6.573	-6.573	0	%100
98	MP4B	Z	3.795	3.795	0	%100
99	MP2B	X	-6.573	-6.573	0	%100
100	MP2B	Z	3.795	3.795	0	%100
101	MP3C	X	-6.573	-6.573	0	%100
102	MP3C	Z	3.795	3.795	0	%100
103	MP1C	X	-6.573	-6.573	0	%100
104	MP1C	Z	3.795	3.795	0	%100
105	MP4C	X	-6.573	-6.573	0	%100
106	MP4C	Z	3.795	3.795	0	%100
107	MP2C	X	-6.573	-6.573	0	%100
108	MP2C	Z	3.795	3.795	0	%100
109	M121	X	-7.669	-7.669	0	%100
110	M121	Z	4.427	4.427	0	%100
111	M122	X	-1.917	-1.917	0	%100
112	M122	Z	1.107	1.107	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, %]
113	M123	X	-1.917	-1.917	0	%100
114	M123	Z	1.107	1.107	0	%100
115	M126	X	-6.803	-6.803	0	%100
116	M126	Z	3.928	3.928	0	%100
117	M127	X	-6.803	-6.803	0	%100
118	M127	Z	3.928	3.928	0	%100
119	M131	X	-6.803	-6.803	0	%100
120	M131	Z	3.928	3.928	0	%100
121	M132	X	-6.803	-6.803	0	%100
122	M132	Z	3.928	3.928	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-11.36	-11.36	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-7.985	-7.985	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-7.985	-7.985	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-19.174	-19.174	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-14.646	-14.646	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-15.427	-15.427	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-19.174	-19.174	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-14.646	-14.646	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-15.427	-15.427	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-8.388	-8.388	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-8.388	-8.388	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-2.84	-2.84	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-7.21	-7.21	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	-7.21	-7.21	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	-14.38	-14.38	0	%100
38	M31	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, %]
39	M34	X	-7.985	-7.985	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	-4.793	-4.793	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-14.646	-14.646	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	-15.427	-15.427	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-4.793	-4.793	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	-2.84	-2.84	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-7.21	-7.21	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	-7.21	-7.21	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	-14.38	-14.38	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	-7.985	-7.985	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-4.793	-4.793	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	-4.793	-4.793	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-14.646	-14.646	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	-15.427	-15.427	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	-5.692	-5.692	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-5.692	-5.692	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	-7.59	-7.59	0	%100
86	MP3A	Z	0	0	0	%100
87	MP1A	X	-7.59	-7.59	0	%100
88	MP1A	Z	0	0	0	%100
89	MP4A	X	-7.59	-7.59	0	%100
90	MP4A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP2A	X	-7.59	-7.59	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3B	X	-7.59	-7.59	0	%100
94	MP3B	Z	0	0	0	%100
95	MP1B	X	-7.59	-7.59	0	%100
96	MP1B	Z	0	0	0	%100
97	MP4B	X	-7.59	-7.59	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-7.59	-7.59	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3C	X	-7.59	-7.59	0	%100
102	MP3C	Z	0	0	0	%100
103	MP1C	X	-7.59	-7.59	0	%100
104	MP1C	Z	0	0	0	%100
105	MP4C	X	-7.59	-7.59	0	%100
106	MP4C	Z	0	0	0	%100
107	MP2C	X	-7.59	-7.59	0	%100
108	MP2C	Z	0	0	0	%100
109	M121	X	-6.641	-6.641	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-6.641	-6.641	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	M126	X	-7.856	-7.856	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	-7.856	-7.856	0	%100
118	M127	Z	0	0	0	%100
119	M131	X	-7.856	-7.856	0	%100
120	M131	Z	0	0	0	%100
121	M132	X	-7.856	-7.856	0	%100
122	M132	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	-2.422	-2.422	0	%100
2	M1	Z	-1.398	-1.398	0	%100
3	M4	X	-7.379	-7.379	0	%100
4	M4	Z	-4.26	-4.26	0	%100
5	M10	X	-2.081	-2.081	0	%100
6	M10	Z	-1.202	-1.202	0	%100
7	M43	X	-2.081	-2.081	0	%100
8	M43	Z	-1.202	-1.202	0	%100
9	M46	X	-4.151	-4.151	0	%100
10	M46	Z	-2.397	-2.397	0	%100
11	M51B	X	-2.305	-2.305	0	%100
12	M51B	Z	-1.331	-1.331	0	%100
13	M52B	X	-9.22	-9.22	0	%100
14	M52B	Z	-5.323	-5.323	0	%100
15	M76	X	-12.454	-12.454	0	%100
16	M76	Z	-7.19	-7.19	0	%100



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Designer :
Job Number :
Model Name :

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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,%]
17	M77	X	-4.228	-4.228	0	%100
18	M77	Z	-2.441	-2.441	0	%100
19	M80	X	-4.453	-4.453	0	%100
20	M80	Z	-2.571	-2.571	0	%100
21	M84	X	-12.454	-12.454	0	%100
22	M84	Z	-7.19	-7.19	0	%100
23	M85	X	-16.912	-16.912	0	%100
24	M85	Z	-9.764	-9.764	0	%100
25	M91	X	-17.813	-17.813	0	%100
26	M91	Z	-10.285	-10.285	0	%100
27	M26	X	-2.422	-2.422	0	%100
28	M26	Z	-1.398	-1.398	0	%100
29	M27	X	-9.686	-9.686	0	%100
30	M27	Z	-5.592	-5.592	0	%100
31	M28	X	-7.379	-7.379	0	%100
32	M28	Z	-4.26	-4.26	0	%100
33	M29	X	-2.081	-2.081	0	%100
34	M29	Z	-1.202	-1.202	0	%100
35	M30	X	-2.081	-2.081	0	%100
36	M30	Z	-1.202	-1.202	0	%100
37	M31	X	-4.151	-4.151	0	%100
38	M31	Z	-2.397	-2.397	0	%100
39	M34	X	-9.22	-9.22	0	%100
40	M34	Z	-5.323	-5.323	0	%100
41	M35	X	-2.305	-2.305	0	%100
42	M35	Z	-1.331	-1.331	0	%100
43	M39	X	-12.454	-12.454	0	%100
44	M39	Z	-7.19	-7.19	0	%100
45	M40	X	-16.912	-16.912	0	%100
46	M40	Z	-9.764	-9.764	0	%100
47	M42	X	-17.813	-17.813	0	%100
48	M42	Z	-10.285	-10.285	0	%100
49	M44	X	-12.454	-12.454	0	%100
50	M44	Z	-7.19	-7.19	0	%100
51	M45	X	-4.228	-4.228	0	%100
52	M45	Z	-2.441	-2.441	0	%100
53	M47	X	-4.453	-4.453	0	%100
54	M47	Z	-2.571	-2.571	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-8.325	-8.325	0	%100
58	M53	Z	-4.806	-4.806	0	%100
59	M54	X	-8.325	-8.325	0	%100
60	M54	Z	-4.806	-4.806	0	%100
61	M55	X	-16.605	-16.605	0	%100
62	M55	Z	-9.587	-9.587	0	%100
63	M58A	X	-2.305	-2.305	0	%100
64	M58A	Z	-1.331	-1.331	0	%100
65	M59A	X	-2.305	-2.305	0	%100
66	M59A	Z	-1.331	-1.331	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M64	X	-4.228	-4.228	0	%100
70	M64	Z	-2.441	-2.441	0	%100
71	M66	X	-4.453	-4.453	0	%100
72	M66	Z	-2.571	-2.571	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-4.228	-4.228	0	%100
76	M69	Z	-2.441	-2.441	0	%100
77	M71	X	-4.453	-4.453	0	%100
78	M71	Z	-2.571	-2.571	0	%100
79	M76A	X	-1.643	-1.643	0	%100
80	M76A	Z	-.949	-.949	0	%100
81	M77A	X	-1.643	-1.643	0	%100
82	M77A	Z	-.949	-.949	0	%100
83	M78	X	-6.573	-6.573	0	%100
84	M78	Z	-3.795	-3.795	0	%100
85	MP3A	X	-6.573	-6.573	0	%100
86	MP3A	Z	-3.795	-3.795	0	%100
87	MP1A	X	-6.573	-6.573	0	%100
88	MP1A	Z	-3.795	-3.795	0	%100
89	MP4A	X	-6.573	-6.573	0	%100
90	MP4A	Z	-3.795	-3.795	0	%100
91	MP2A	X	-6.573	-6.573	0	%100
92	MP2A	Z	-3.795	-3.795	0	%100
93	MP3B	X	-6.573	-6.573	0	%100
94	MP3B	Z	-3.795	-3.795	0	%100
95	MP1B	X	-6.573	-6.573	0	%100
96	MP1B	Z	-3.795	-3.795	0	%100
97	MP4B	X	-6.573	-6.573	0	%100
98	MP4B	Z	-3.795	-3.795	0	%100
99	MP2B	X	-6.573	-6.573	0	%100
100	MP2B	Z	-3.795	-3.795	0	%100
101	MP3C	X	-6.573	-6.573	0	%100
102	MP3C	Z	-3.795	-3.795	0	%100
103	MP1C	X	-6.573	-6.573	0	%100
104	MP1C	Z	-3.795	-3.795	0	%100
105	MP4C	X	-6.573	-6.573	0	%100
106	MP4C	Z	-3.795	-3.795	0	%100
107	MP2C	X	-6.573	-6.573	0	%100
108	MP2C	Z	-3.795	-3.795	0	%100
109	M121	X	-1.917	-1.917	0	%100
110	M121	Z	-1.107	-1.107	0	%100
111	M122	X	-7.669	-7.669	0	%100
112	M122	Z	-4.427	-4.427	0	%100
113	M123	X	-1.917	-1.917	0	%100
114	M123	Z	-1.107	-1.107	0	%100
115	M126	X	-6.803	-6.803	0	%100
116	M126	Z	-3.928	-3.928	0	%100
117	M127	X	-6.803	-6.803	0	%100
118	M127	Z	-3.928	-3.928	0	%100
119	M131	X	-6.803	-6.803	0	%100
120	M131	Z	-3.928	-3.928	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,%]
121	M132	X	-6.803	-6.803	0	% 100
122	M132	Z	-3.928	-3.928	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	-4.194	-4.194	0	% 100
2	M1	Z	-7.265	-7.265	0	% 100
3	M4	X	-1.42	-1.42	0	% 100
4	M4	Z	-2.46	-2.46	0	% 100
5	M10	X	-3.605	-3.605	0	% 100
6	M10	Z	-6.244	-6.244	0	% 100
7	M43	X	-3.605	-3.605	0	% 100
8	M43	Z	-6.244	-6.244	0	% 100
9	M46	X	-7.19	-7.19	0	% 100
10	M46	Z	-12.454	-12.454	0	% 100
11	M51B	X	0	0	0	% 100
12	M51B	Z	0	0	0	% 100
13	M52B	X	-3.993	-3.993	0	% 100
14	M52B	Z	-6.915	-6.915	0	% 100
15	M76	X	-2.397	-2.397	0	% 100
16	M76	Z	-4.151	-4.151	0	% 100
17	M77	X	0	0	0	% 100
18	M77	Z	0	0	0	% 100
19	M80	X	0	0	0	% 100
20	M80	Z	0	0	0	% 100
21	M84	X	-2.397	-2.397	0	% 100
22	M84	Z	-4.151	-4.151	0	% 100
23	M85	X	-7.323	-7.323	0	% 100
24	M85	Z	-12.684	-12.684	0	% 100
25	M91	X	-7.713	-7.713	0	% 100
26	M91	Z	-13.36	-13.36	0	% 100
27	M26	X	0	0	0	% 100
28	M26	Z	0	0	0	% 100
29	M27	X	-4.194	-4.194	0	% 100
30	M27	Z	-7.265	-7.265	0	% 100
31	M28	X	-5.68	-5.68	0	% 100
32	M28	Z	-9.838	-9.838	0	% 100
33	M29	X	0	0	0	% 100
34	M29	Z	0	0	0	% 100
35	M30	X	0	0	0	% 100
36	M30	Z	0	0	0	% 100
37	M31	X	0	0	0	% 100
38	M31	Z	0	0	0	% 100
39	M34	X	-3.993	-3.993	0	% 100
40	M34	Z	-6.915	-6.915	0	% 100
41	M35	X	-3.993	-3.993	0	% 100
42	M35	Z	-6.915	-6.915	0	% 100
43	M39	X	-9.587	-9.587	0	% 100
44	M39	Z	-16.605	-16.605	0	% 100
45	M40	X	-7.323	-7.323	0	% 100
46	M40	Z	-12.684	-12.684	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,%]
47	M42	X	-7.713	-7.713	0	%100
48	M42	Z	-13.36	-13.36	0	%100
49	M44	X	-9.587	-9.587	0	%100
50	M44	Z	-16.605	-16.605	0	%100
51	M45	X	-7.323	-7.323	0	%100
52	M45	Z	-12.684	-12.684	0	%100
53	M47	X	-7.713	-7.713	0	%100
54	M47	Z	-13.36	-13.36	0	%100
55	M52A	X	-1.42	-1.42	0	%100
56	M52A	Z	-2.46	-2.46	0	%100
57	M53	X	-3.605	-3.605	0	%100
58	M53	Z	-6.244	-6.244	0	%100
59	M54	X	-3.605	-3.605	0	%100
60	M54	Z	-6.244	-6.244	0	%100
61	M55	X	-7.19	-7.19	0	%100
62	M55	Z	-12.454	-12.454	0	%100
63	M58A	X	-3.993	-3.993	0	%100
64	M58A	Z	-6.915	-6.915	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-2.397	-2.397	0	%100
68	M63	Z	-4.151	-4.151	0	%100
69	M64	X	-7.323	-7.323	0	%100
70	M64	Z	-12.684	-12.684	0	%100
71	M66	X	-7.713	-7.713	0	%100
72	M66	Z	-13.36	-13.36	0	%100
73	M68	X	-2.397	-2.397	0	%100
74	M68	Z	-4.151	-4.151	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	-2.846	-2.846	0	%100
80	M76A	Z	-4.93	-4.93	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-2.846	-2.846	0	%100
84	M78	Z	-4.93	-4.93	0	%100
85	MP3A	X	-3.795	-3.795	0	%100
86	MP3A	Z	-6.573	-6.573	0	%100
87	MP1A	X	-3.795	-3.795	0	%100
88	MP1A	Z	-6.573	-6.573	0	%100
89	MP4A	X	-3.795	-3.795	0	%100
90	MP4A	Z	-6.573	-6.573	0	%100
91	MP2A	X	-3.795	-3.795	0	%100
92	MP2A	Z	-6.573	-6.573	0	%100
93	MP3B	X	-3.795	-3.795	0	%100
94	MP3B	Z	-6.573	-6.573	0	%100
95	MP1B	X	-3.795	-3.795	0	%100
96	MP1B	Z	-6.573	-6.573	0	%100
97	MP4B	X	-3.795	-3.795	0	%100
98	MP4B	Z	-6.573	-6.573	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,%]
99	MP2B	X	-3.795	-3.795	0	%100
100	MP2B	Z	-6.573	-6.573	0	%100
101	MP3C	X	-3.795	-3.795	0	%100
102	MP3C	Z	-6.573	-6.573	0	%100
103	MP1C	X	-3.795	-3.795	0	%100
104	MP1C	Z	-6.573	-6.573	0	%100
105	MP4C	X	-3.795	-3.795	0	%100
106	MP4C	Z	-6.573	-6.573	0	%100
107	MP2C	X	-3.795	-3.795	0	%100
108	MP2C	Z	-6.573	-6.573	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-3.321	-3.321	0	%100
112	M122	Z	-5.751	-5.751	0	%100
113	M123	X	-3.321	-3.321	0	%100
114	M123	Z	-5.751	-5.751	0	%100
115	M126	X	-3.928	-3.928	0	%100
116	M126	Z	-6.803	-6.803	0	%100
117	M127	X	-3.928	-3.928	0	%100
118	M127	Z	-6.803	-6.803	0	%100
119	M131	X	-3.928	-3.928	0	%100
120	M131	Z	-6.803	-6.803	0	%100
121	M132	X	-3.928	-3.928	0	%100
122	M132	Z	-6.803	-6.803	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	-3.459	-3.459	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-2.841	-2.841	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-2.841	-2.841	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-4.44	-4.44	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-.817	-.817	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-.817	-.817	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-1.108	-1.108	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-1.157	-1.157	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-1.108	-1.108	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Oct 6, 2021
 10:34 AM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M91	X	0	0	0	%100
26	M91	Z	-1.157	-1.157	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-.865	-.865	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.865	-.865	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-2.618	-2.618	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-.71	-.71	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	-.71	-.71	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	-1.11	-1.11	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	-.817	-.817	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	-3.269	-3.269	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-3.276	-3.276	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-1.108	-1.108	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	-1.157	-1.157	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-3.276	-3.276	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	-4.434	-4.434	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	-4.627	-4.627	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-2.618	-2.618	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-.71	-.71	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-.71	-.71	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	-1.11	-1.11	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	-3.269	-3.269	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	-.817	-.817	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	-3.276	-3.276	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	-4.434	-4.434	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-4.627	-4.627	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	-3.276	-3.276	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	-1.108	-1.108	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
77	M71	X	0	0	0	%100
78	M71	Z	-1.157	-1.157	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	-2.791	-2.791	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.698	-.698	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	-.698	-.698	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-2.791	-2.791	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	-2.791	-2.791	0	%100
89	MP4A	X	0	0	0	%100
90	MP4A	Z	-2.791	-2.791	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	-2.791	-2.791	0	%100
93	MP3B	X	0	0	0	%100
94	MP3B	Z	-2.791	-2.791	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-2.791	-2.791	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-2.791	-2.791	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-2.791	-2.791	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	-2.791	-2.791	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-2.791	-2.791	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	-2.791	-2.791	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-2.791	-2.791	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.634	-.634	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.634	-.634	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-2.536	-2.536	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	-2.597	-2.597	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	-2.597	-2.597	0	%100
119	M131	X	0	0	0	%100
120	M131	Z	-2.597	-2.597	0	%100
121	M132	X	0	0	0	%100
122	M132	Z	-2.597	-2.597	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	1.297	1.297	0	%100
2	M1	Z	-2.246	-2.246	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,%]
107	MP2C	X	1.395	1.395	0	%100
108	MP2C	Z	-2.417	-2.417	0	%100
109	M121	X	.951	.951	0	%100
110	M121	Z	-1.647	-1.647	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	.951	.951	0	%100
114	M123	Z	-1.647	-1.647	0	%100
115	M126	X	1.298	1.298	0	%100
116	M126	Z	-2.249	-2.249	0	%100
117	M127	X	1.298	1.298	0	%100
118	M127	Z	-2.249	-2.249	0	%100
119	M131	X	1.298	1.298	0	%100
120	M131	Z	-2.249	-2.249	0	%100
121	M132	X	1.298	1.298	0	%100
122	M132	Z	-2.249	-2.249	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	.749	.749	0	%100
2	M1	Z	-.432	-.432	0	%100
3	M4	X	2.268	2.268	0	%100
4	M4	Z	-1.309	-1.309	0	%100
5	M10	X	.615	.615	0	%100
6	M10	Z	-.355	-.355	0	%100
7	M43	X	.615	.615	0	%100
8	M43	Z	-.355	-.355	0	%100
9	M46	X	.961	.961	0	%100
10	M46	Z	-.555	-.555	0	%100
11	M51B	X	2.831	2.831	0	%100
12	M51B	Z	-1.634	-1.634	0	%100
13	M52B	X	.708	.708	0	%100
14	M52B	Z	-.409	-.409	0	%100
15	M76	X	2.837	2.837	0	%100
16	M76	Z	-1.638	-1.638	0	%100
17	M77	X	3.84	3.84	0	%100
18	M77	Z	-2.217	-2.217	0	%100
19	M80	X	4.007	4.007	0	%100
20	M80	Z	-2.313	-2.313	0	%100
21	M84	X	2.837	2.837	0	%100
22	M84	Z	-1.638	-1.638	0	%100
23	M85	X	.96	.96	0	%100
24	M85	Z	-.554	-.554	0	%100
25	M91	X	1.002	1.002	0	%100
26	M91	Z	-.578	-.578	0	%100
27	M26	X	2.995	2.995	0	%100
28	M26	Z	-1.729	-1.729	0	%100
29	M27	X	.749	.749	0	%100
30	M27	Z	-.432	-.432	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	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,%]
33	M29	X	2.46	2.46	0	%100
34	M29	Z	-1.42	-1.42	0	%100
35	M30	X	2.46	2.46	0	%100
36	M30	Z	-1.42	-1.42	0	%100
37	M31	X	3.845	3.845	0	%100
38	M31	Z	-2.22	-2.22	0	%100
39	M34	X	.708	.708	0	%100
40	M34	Z	-.409	-.409	0	%100
41	M35	X	.708	.708	0	%100
42	M35	Z	-.409	-.409	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	.96	.96	0	%100
46	M40	Z	-.554	-.554	0	%100
47	M42	X	1.002	1.002	0	%100
48	M42	Z	-.578	-.578	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	.96	.96	0	%100
52	M45	Z	-.554	-.554	0	%100
53	M47	X	1.002	1.002	0	%100
54	M47	Z	-.578	-.578	0	%100
55	M52A	X	2.268	2.268	0	%100
56	M52A	Z	-1.309	-1.309	0	%100
57	M53	X	.615	.615	0	%100
58	M53	Z	-.355	-.355	0	%100
59	M54	X	.615	.615	0	%100
60	M54	Z	-.355	-.355	0	%100
61	M55	X	.961	.961	0	%100
62	M55	Z	-.555	-.555	0	%100
63	M58A	X	.708	.708	0	%100
64	M58A	Z	-.409	-.409	0	%100
65	M59A	X	2.831	2.831	0	%100
66	M59A	Z	-1.634	-1.634	0	%100
67	M63	X	2.837	2.837	0	%100
68	M63	Z	-1.638	-1.638	0	%100
69	M64	X	.96	.96	0	%100
70	M64	Z	-.554	-.554	0	%100
71	M66	X	1.002	1.002	0	%100
72	M66	Z	-.578	-.578	0	%100
73	M68	X	2.837	2.837	0	%100
74	M68	Z	-1.638	-1.638	0	%100
75	M69	X	3.84	3.84	0	%100
76	M69	Z	-2.217	-2.217	0	%100
77	M71	X	4.007	4.007	0	%100
78	M71	Z	-2.313	-2.313	0	%100
79	M76A	X	.604	.604	0	%100
80	M76A	Z	-.349	-.349	0	%100
81	M77A	X	2.417	2.417	0	%100
82	M77A	Z	-1.395	-1.395	0	%100
83	M78	X	.604	.604	0	%100
84	M78	Z	-.349	-.349	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,%]
85	MP3A	X	2.417	2.417	0	%100
86	MP3A	Z	-1.395	-1.395	0	%100
87	MP1A	X	2.417	2.417	0	%100
88	MP1A	Z	-1.395	-1.395	0	%100
89	MP4A	X	2.417	2.417	0	%100
90	MP4A	Z	-1.395	-1.395	0	%100
91	MP2A	X	2.417	2.417	0	%100
92	MP2A	Z	-1.395	-1.395	0	%100
93	MP3B	X	2.417	2.417	0	%100
94	MP3B	Z	-1.395	-1.395	0	%100
95	MP1B	X	2.417	2.417	0	%100
96	MP1B	Z	-1.395	-1.395	0	%100
97	MP4B	X	2.417	2.417	0	%100
98	MP4B	Z	-1.395	-1.395	0	%100
99	MP2B	X	2.417	2.417	0	%100
100	MP2B	Z	-1.395	-1.395	0	%100
101	MP3C	X	2.417	2.417	0	%100
102	MP3C	Z	-1.395	-1.395	0	%100
103	MP1C	X	2.417	2.417	0	%100
104	MP1C	Z	-1.395	-1.395	0	%100
105	MP4C	X	2.417	2.417	0	%100
106	MP4C	Z	-1.395	-1.395	0	%100
107	MP2C	X	2.417	2.417	0	%100
108	MP2C	Z	-1.395	-1.395	0	%100
109	M121	X	2.196	2.196	0	%100
110	M121	Z	-1.268	-1.268	0	%100
111	M122	X	.549	.549	0	%100
112	M122	Z	-.317	-.317	0	%100
113	M123	X	.549	.549	0	%100
114	M123	Z	-.317	-.317	0	%100
115	M126	X	2.249	2.249	0	%100
116	M126	Z	-1.298	-1.298	0	%100
117	M127	X	2.249	2.249	0	%100
118	M127	Z	-1.298	-1.298	0	%100
119	M131	X	2.249	2.249	0	%100
120	M131	Z	-1.298	-1.298	0	%100
121	M132	X	2.249	2.249	0	%100
122	M132	Z	-1.298	-1.298	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.491	3.491	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	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,%]
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	2.451	2.451	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	1.092	1.092	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	1.092	1.092	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	3.325	3.325	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	3.47	3.47	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	2.093	2.093	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	2.093	2.093	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	2.791	2.791	0	%100
86	MP3A	Z	0	0	0	%100
87	MP1A	X	2.791	2.791	0	%100
88	MP1A	Z	0	0	0	%100
89	MP4A	X	2.791	2.791	0	%100
90	MP4A	Z	0	0	0	%100
91	MP2A	X	2.791	2.791	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3B	X	2.791	2.791	0	%100
94	MP3B	Z	0	0	0	%100
95	MP1B	X	2.791	2.791	0	%100
96	MP1B	Z	0	0	0	%100
97	MP4B	X	2.791	2.791	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	2.791	2.791	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3C	X	2.791	2.791	0	%100
102	MP3C	Z	0	0	0	%100
103	MP1C	X	2.791	2.791	0	%100
104	MP1C	Z	0	0	0	%100
105	MP4C	X	2.791	2.791	0	%100
106	MP4C	Z	0	0	0	%100
107	MP2C	X	2.791	2.791	0	%100
108	MP2C	Z	0	0	0	%100
109	M121	X	1.902	1.902	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	1.902	1.902	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	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,%]
115	M126	X	2.597	2.597	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	2.597	2.597	0	%100
118	M127	Z	0	0	0	%100
119	M131	X	2.597	2.597	0	%100
120	M131	Z	0	0	0	%100
121	M132	X	2.597	2.597	0	%100
122	M132	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	.749	.749	0	%100
2	M1	Z	.432	.432	0	%100
3	M4	X	2.268	2.268	0	%100
4	M4	Z	1.309	1.309	0	%100
5	M10	X	.615	.615	0	%100
6	M10	Z	.355	.355	0	%100
7	M43	X	.615	.615	0	%100
8	M43	Z	.355	.355	0	%100
9	M46	X	.961	.961	0	%100
10	M46	Z	.555	.555	0	%100
11	M51B	X	.708	.708	0	%100
12	M51B	Z	.409	.409	0	%100
13	M52B	X	2.831	2.831	0	%100
14	M52B	Z	1.634	1.634	0	%100
15	M76	X	2.837	2.837	0	%100
16	M76	Z	1.638	1.638	0	%100
17	M77	X	.96	.96	0	%100
18	M77	Z	.554	.554	0	%100
19	M80	X	1.002	1.002	0	%100
20	M80	Z	.578	.578	0	%100
21	M84	X	2.837	2.837	0	%100
22	M84	Z	1.638	1.638	0	%100
23	M85	X	3.84	3.84	0	%100
24	M85	Z	2.217	2.217	0	%100
25	M91	X	4.007	4.007	0	%100
26	M91	Z	2.313	2.313	0	%100
27	M26	X	.749	.749	0	%100
28	M26	Z	.432	.432	0	%100
29	M27	X	2.995	2.995	0	%100
30	M27	Z	1.729	1.729	0	%100
31	M28	X	2.268	2.268	0	%100
32	M28	Z	1.309	1.309	0	%100
33	M29	X	.615	.615	0	%100
34	M29	Z	.355	.355	0	%100
35	M30	X	.615	.615	0	%100
36	M30	Z	.355	.355	0	%100
37	M31	X	.961	.961	0	%100
38	M31	Z	.555	.555	0	%100
39	M34	X	2.831	2.831	0	%100
40	M34	Z	1.634	1.634	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Oct 6, 2021
 10:34 AM
 Checked By: _____

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, %]
93	MP3B	X	2.417	2.417	0	%100
94	MP3B	Z	1.395	1.395	0	%100
95	MP1B	X	2.417	2.417	0	%100
96	MP1B	Z	1.395	1.395	0	%100
97	MP4B	X	2.417	2.417	0	%100
98	MP4B	Z	1.395	1.395	0	%100
99	MP2B	X	2.417	2.417	0	%100
100	MP2B	Z	1.395	1.395	0	%100
101	MP3C	X	2.417	2.417	0	%100
102	MP3C	Z	1.395	1.395	0	%100
103	MP1C	X	2.417	2.417	0	%100
104	MP1C	Z	1.395	1.395	0	%100
105	MP4C	X	2.417	2.417	0	%100
106	MP4C	Z	1.395	1.395	0	%100
107	MP2C	X	2.417	2.417	0	%100
108	MP2C	Z	1.395	1.395	0	%100
109	M121	X	.549	.549	0	%100
110	M121	Z	.317	.317	0	%100
111	M122	X	2.196	2.196	0	%100
112	M122	Z	1.268	1.268	0	%100
113	M123	X	.549	.549	0	%100
114	M123	Z	.317	.317	0	%100
115	M126	X	2.249	2.249	0	%100
116	M126	Z	1.298	1.298	0	%100
117	M127	X	2.249	2.249	0	%100
118	M127	Z	1.298	1.298	0	%100
119	M131	X	2.249	2.249	0	%100
120	M131	Z	1.298	1.298	0	%100
121	M132	X	2.249	2.249	0	%100
122	M132	Z	1.298	1.298	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	1.297	1.297	0	%100
2	M1	Z	2.246	2.246	0	%100
3	M4	X	.436	.436	0	%100
4	M4	Z	.756	.756	0	%100
5	M10	X	1.065	1.065	0	%100
6	M10	Z	1.845	1.845	0	%100
7	M43	X	1.065	1.065	0	%100
8	M43	Z	1.845	1.845	0	%100
9	M46	X	1.665	1.665	0	%100
10	M46	Z	2.884	2.884	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	1.226	1.226	0	%100
14	M52B	Z	2.123	2.123	0	%100
15	M76	X	.546	.546	0	%100
16	M76	Z	.946	.946	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	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,%]
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.546	.546	0	%100
22	M84	Z	.946	.946	0	%100
23	M85	X	1.663	1.663	0	%100
24	M85	Z	2.88	2.88	0	%100
25	M91	X	1.735	1.735	0	%100
26	M91	Z	3.005	3.005	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	1.297	1.297	0	%100
30	M27	Z	2.246	2.246	0	%100
31	M28	X	1.746	1.746	0	%100
32	M28	Z	3.024	3.024	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	1.226	1.226	0	%100
40	M34	Z	2.123	2.123	0	%100
41	M35	X	1.226	1.226	0	%100
42	M35	Z	2.123	2.123	0	%100
43	M39	X	2.184	2.184	0	%100
44	M39	Z	3.782	3.782	0	%100
45	M40	X	1.663	1.663	0	%100
46	M40	Z	2.88	2.88	0	%100
47	M42	X	1.735	1.735	0	%100
48	M42	Z	3.005	3.005	0	%100
49	M44	X	2.184	2.184	0	%100
50	M44	Z	3.782	3.782	0	%100
51	M45	X	1.663	1.663	0	%100
52	M45	Z	2.88	2.88	0	%100
53	M47	X	1.735	1.735	0	%100
54	M47	Z	3.005	3.005	0	%100
55	M52A	X	.436	.436	0	%100
56	M52A	Z	.756	.756	0	%100
57	M53	X	1.065	1.065	0	%100
58	M53	Z	1.845	1.845	0	%100
59	M54	X	1.065	1.065	0	%100
60	M54	Z	1.845	1.845	0	%100
61	M55	X	1.665	1.665	0	%100
62	M55	Z	2.884	2.884	0	%100
63	M58A	X	1.226	1.226	0	%100
64	M58A	Z	2.123	2.123	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	.546	.546	0	%100
68	M63	Z	.946	.946	0	%100
69	M64	X	1.663	1.663	0	%100
70	M64	Z	2.88	2.88	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,%]
71	M66	X	1.735	1.735	0	%100
72	M66	Z	3.005	3.005	0	%100
73	M68	X	.546	.546	0	%100
74	M68	Z	.946	.946	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	1.047	1.047	0	%100
80	M76A	Z	1.813	1.813	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	1.047	1.047	0	%100
84	M78	Z	1.813	1.813	0	%100
85	MP3A	X	1.395	1.395	0	%100
86	MP3A	Z	2.417	2.417	0	%100
87	MP1A	X	1.395	1.395	0	%100
88	MP1A	Z	2.417	2.417	0	%100
89	MP4A	X	1.395	1.395	0	%100
90	MP4A	Z	2.417	2.417	0	%100
91	MP2A	X	1.395	1.395	0	%100
92	MP2A	Z	2.417	2.417	0	%100
93	MP3B	X	1.395	1.395	0	%100
94	MP3B	Z	2.417	2.417	0	%100
95	MP1B	X	1.395	1.395	0	%100
96	MP1B	Z	2.417	2.417	0	%100
97	MP4B	X	1.395	1.395	0	%100
98	MP4B	Z	2.417	2.417	0	%100
99	MP2B	X	1.395	1.395	0	%100
100	MP2B	Z	2.417	2.417	0	%100
101	MP3C	X	1.395	1.395	0	%100
102	MP3C	Z	2.417	2.417	0	%100
103	MP1C	X	1.395	1.395	0	%100
104	MP1C	Z	2.417	2.417	0	%100
105	MP4C	X	1.395	1.395	0	%100
106	MP4C	Z	2.417	2.417	0	%100
107	MP2C	X	1.395	1.395	0	%100
108	MP2C	Z	2.417	2.417	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.951	.951	0	%100
112	M122	Z	1.647	1.647	0	%100
113	M123	X	.951	.951	0	%100
114	M123	Z	1.647	1.647	0	%100
115	M126	X	1.298	1.298	0	%100
116	M126	Z	2.249	2.249	0	%100
117	M127	X	1.298	1.298	0	%100
118	M127	Z	2.249	2.249	0	%100
119	M131	X	1.298	1.298	0	%100
120	M131	Z	2.249	2.249	0	%100
121	M132	X	1.298	1.298	0	%100
122	M132	Z	2.249	2.249	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	3.459	3.459	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	2.841	2.841	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	2.841	2.841	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	4.44	4.44	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.817	.817	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.817	.817	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	1.108	1.108	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	1.157	1.157	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	1.108	1.108	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	1.157	1.157	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	.865	.865	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.865	.865	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	2.618	2.618	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	.71	.71	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	.71	.71	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	1.11	1.11	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	.817	.817	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	3.269	3.269	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	3.276	3.276	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	1.108	1.108	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	1.157	1.157	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	3.276	3.276	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	4.434	4.434	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,%]
53	M47	X	0	0	0	%100
54	M47	Z	4.627	4.627	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	2.618	2.618	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	.71	.71	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	.71	.71	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	1.11	1.11	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	3.269	3.269	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	.817	.817	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	3.276	3.276	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	4.434	4.434	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	4.627	4.627	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	3.276	3.276	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	1.108	1.108	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	1.157	1.157	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	2.791	2.791	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.698	.698	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	.698	.698	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	2.791	2.791	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	2.791	2.791	0	%100
89	MP4A	X	0	0	0	%100
90	MP4A	Z	2.791	2.791	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	2.791	2.791	0	%100
93	MP3B	X	0	0	0	%100
94	MP3B	Z	2.791	2.791	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	2.791	2.791	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	2.791	2.791	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	2.791	2.791	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	2.791	2.791	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	2.791	2.791	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Oct 6, 2021
 10:34 AM
 Checked By: _____

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,%]
105	MP4C	X	0	0	0	%100
106	MP4C	Z	2.791	2.791	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	2.791	2.791	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.634	.634	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	.634	.634	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	2.536	2.536	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	2.597	2.597	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	2.597	2.597	0	%100
119	M131	X	0	0	0	%100
120	M131	Z	2.597	2.597	0	%100
121	M132	X	0	0	0	%100
122	M132	Z	2.597	2.597	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.297	-1.297	0	%100
2	M1	Z	2.246	2.246	0	%100
3	M4	X	-.436	-.436	0	%100
4	M4	Z	.756	.756	0	%100
5	M10	X	-1.065	-1.065	0	%100
6	M10	Z	1.845	1.845	0	%100
7	M43	X	-1.065	-1.065	0	%100
8	M43	Z	1.845	1.845	0	%100
9	M46	X	-1.665	-1.665	0	%100
10	M46	Z	2.884	2.884	0	%100
11	M51B	X	-1.226	-1.226	0	%100
12	M51B	Z	2.123	2.123	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.546	-.546	0	%100
16	M76	Z	.946	.946	0	%100
17	M77	X	-1.663	-1.663	0	%100
18	M77	Z	2.88	2.88	0	%100
19	M80	X	-1.735	-1.735	0	%100
20	M80	Z	3.005	3.005	0	%100
21	M84	X	-.546	-.546	0	%100
22	M84	Z	.946	.946	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-1.297	-1.297	0	%100
28	M26	Z	2.246	2.246	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M28	X	-.436	-.436	0	%100
32	M28	Z	.756	.756	0	%100
33	M29	X	-1.065	-1.065	0	%100
34	M29	Z	1.845	1.845	0	%100
35	M30	X	-1.065	-1.065	0	%100
36	M30	Z	1.845	1.845	0	%100
37	M31	X	-1.665	-1.665	0	%100
38	M31	Z	2.884	2.884	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	-1.226	-1.226	0	%100
42	M35	Z	2.123	2.123	0	%100
43	M39	X	-.546	-.546	0	%100
44	M39	Z	.946	.946	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-.546	-.546	0	%100
50	M44	Z	.946	.946	0	%100
51	M45	X	-1.663	-1.663	0	%100
52	M45	Z	2.88	2.88	0	%100
53	M47	X	-1.735	-1.735	0	%100
54	M47	Z	3.005	3.005	0	%100
55	M52A	X	-1.746	-1.746	0	%100
56	M52A	Z	3.024	3.024	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	-1.226	-1.226	0	%100
64	M58A	Z	2.123	2.123	0	%100
65	M59A	X	-1.226	-1.226	0	%100
66	M59A	Z	2.123	2.123	0	%100
67	M63	X	-2.184	-2.184	0	%100
68	M63	Z	3.782	3.782	0	%100
69	M64	X	-1.663	-1.663	0	%100
70	M64	Z	2.88	2.88	0	%100
71	M66	X	-1.735	-1.735	0	%100
72	M66	Z	3.005	3.005	0	%100
73	M68	X	-2.184	-2.184	0	%100
74	M68	Z	3.782	3.782	0	%100
75	M69	X	-1.663	-1.663	0	%100
76	M69	Z	2.88	2.88	0	%100
77	M71	X	-1.735	-1.735	0	%100
78	M71	Z	3.005	3.005	0	%100
79	M76A	X	-1.047	-1.047	0	%100
80	M76A	Z	1.813	1.813	0	%100
81	M77A	X	-1.047	-1.047	0	%100
82	M77A	Z	1.813	1.813	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,%]
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	-1.395	-1.395	0	%100
86	MP3A	Z	2.417	2.417	0	%100
87	MP1A	X	-1.395	-1.395	0	%100
88	MP1A	Z	2.417	2.417	0	%100
89	MP4A	X	-1.395	-1.395	0	%100
90	MP4A	Z	2.417	2.417	0	%100
91	MP2A	X	-1.395	-1.395	0	%100
92	MP2A	Z	2.417	2.417	0	%100
93	MP3B	X	-1.395	-1.395	0	%100
94	MP3B	Z	2.417	2.417	0	%100
95	MP1B	X	-1.395	-1.395	0	%100
96	MP1B	Z	2.417	2.417	0	%100
97	MP4B	X	-1.395	-1.395	0	%100
98	MP4B	Z	2.417	2.417	0	%100
99	MP2B	X	-1.395	-1.395	0	%100
100	MP2B	Z	2.417	2.417	0	%100
101	MP3C	X	-1.395	-1.395	0	%100
102	MP3C	Z	2.417	2.417	0	%100
103	MP1C	X	-1.395	-1.395	0	%100
104	MP1C	Z	2.417	2.417	0	%100
105	MP4C	X	-1.395	-1.395	0	%100
106	MP4C	Z	2.417	2.417	0	%100
107	MP2C	X	-1.395	-1.395	0	%100
108	MP2C	Z	2.417	2.417	0	%100
109	M121	X	-.951	-.951	0	%100
110	M121	Z	1.647	1.647	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-.951	-.951	0	%100
114	M123	Z	1.647	1.647	0	%100
115	M126	X	-1.298	-1.298	0	%100
116	M126	Z	2.249	2.249	0	%100
117	M127	X	-1.298	-1.298	0	%100
118	M127	Z	2.249	2.249	0	%100
119	M131	X	-1.298	-1.298	0	%100
120	M131	Z	2.249	2.249	0	%100
121	M132	X	-1.298	-1.298	0	%100
122	M132	Z	2.249	2.249	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	-.749	-.749	0	%100
2	M1	Z	.432	.432	0	%100
3	M4	X	-2.268	-2.268	0	%100
4	M4	Z	1.309	1.309	0	%100
5	M10	X	-.615	-.615	0	%100
6	M10	Z	.355	.355	0	%100
7	M43	X	-.615	-.615	0	%100
8	M43	Z	.355	.355	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,%]
61	M55	X	-.961	-.961	0 %100
62	M55	Z	.555	.555	0 %100
63	M58A	X	-.708	-.708	0 %100
64	M58A	Z	.409	.409	0 %100
65	M59A	X	-2.831	-2.831	0 %100
66	M59A	Z	1.634	1.634	0 %100
67	M63	X	-2.837	-2.837	0 %100
68	M63	Z	1.638	1.638	0 %100
69	M64	X	-.96	-.96	0 %100
70	M64	Z	.554	.554	0 %100
71	M66	X	-1.002	-1.002	0 %100
72	M66	Z	.578	.578	0 %100
73	M68	X	-2.837	-2.837	0 %100
74	M68	Z	1.638	1.638	0 %100
75	M69	X	-3.84	-3.84	0 %100
76	M69	Z	2.217	2.217	0 %100
77	M71	X	-4.007	-4.007	0 %100
78	M71	Z	2.313	2.313	0 %100
79	M76A	X	-.604	-.604	0 %100
80	M76A	Z	.349	.349	0 %100
81	M77A	X	-2.417	-2.417	0 %100
82	M77A	Z	1.395	1.395	0 %100
83	M78	X	-.604	-.604	0 %100
84	M78	Z	.349	.349	0 %100
85	MP3A	X	-2.417	-2.417	0 %100
86	MP3A	Z	1.395	1.395	0 %100
87	MP1A	X	-2.417	-2.417	0 %100
88	MP1A	Z	1.395	1.395	0 %100
89	MP4A	X	-2.417	-2.417	0 %100
90	MP4A	Z	1.395	1.395	0 %100
91	MP2A	X	-2.417	-2.417	0 %100
92	MP2A	Z	1.395	1.395	0 %100
93	MP3B	X	-2.417	-2.417	0 %100
94	MP3B	Z	1.395	1.395	0 %100
95	MP1B	X	-2.417	-2.417	0 %100
96	MP1B	Z	1.395	1.395	0 %100
97	MP4B	X	-2.417	-2.417	0 %100
98	MP4B	Z	1.395	1.395	0 %100
99	MP2B	X	-2.417	-2.417	0 %100
100	MP2B	Z	1.395	1.395	0 %100
101	MP3C	X	-2.417	-2.417	0 %100
102	MP3C	Z	1.395	1.395	0 %100
103	MP1C	X	-2.417	-2.417	0 %100
104	MP1C	Z	1.395	1.395	0 %100
105	MP4C	X	-2.417	-2.417	0 %100
106	MP4C	Z	1.395	1.395	0 %100
107	MP2C	X	-2.417	-2.417	0 %100
108	MP2C	Z	1.395	1.395	0 %100
109	M121	X	-2.196	-2.196	0 %100
110	M121	Z	1.268	1.268	0 %100
111	M122	X	-.549	-.549	0 %100
112	M122	Z	.317	.317	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,%]
113	M123	X	-.549	-.549	0	%100
114	M123	Z	.317	.317	0	%100
115	M126	X	-2.249	-2.249	0	%100
116	M126	Z	1.298	1.298	0	%100
117	M127	X	-2.249	-2.249	0	%100
118	M127	Z	1.298	1.298	0	%100
119	M131	X	-2.249	-2.249	0	%100
120	M131	Z	1.298	1.298	0	%100
121	M132	X	-2.249	-2.249	0	%100
122	M132	Z	1.298	1.298	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.491	-3.491	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-2.451	-2.451	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-2.451	-2.451	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-4.368	-4.368	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-3.325	-3.325	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-3.47	-3.47	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-4.368	-4.368	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-3.325	-3.325	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-3.47	-3.47	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-2.594	-2.594	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-2.594	-2.594	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-.873	-.873	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-2.131	-2.131	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	-2.131	-2.131	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	-3.33	-3.33	0	%100
38	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
39	M34	X	-2.451	-2.451	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	-1.092	-1.092	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-3.325	-3.325	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	-3.47	-3.47	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-1.092	-1.092	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	-.873	-.873	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-2.131	-2.131	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	-2.131	-2.131	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	-3.33	-3.33	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	-2.451	-2.451	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-1.092	-1.092	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	-1.092	-1.092	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-3.325	-3.325	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	-3.47	-3.47	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	-2.093	-2.093	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-2.093	-2.093	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	-2.791	-2.791	0	%100
86	MP3A	Z	0	0	0	%100
87	MP1A	X	-2.791	-2.791	0	%100
88	MP1A	Z	0	0	0	%100
89	MP4A	X	-2.791	-2.791	0	%100
90	MP4A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
91	MP2A	X	-2.791	-2.791	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3B	X	-2.791	-2.791	0	%100
94	MP3B	Z	0	0	0	%100
95	MP1B	X	-2.791	-2.791	0	%100
96	MP1B	Z	0	0	0	%100
97	MP4B	X	-2.791	-2.791	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-2.791	-2.791	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3C	X	-2.791	-2.791	0	%100
102	MP3C	Z	0	0	0	%100
103	MP1C	X	-2.791	-2.791	0	%100
104	MP1C	Z	0	0	0	%100
105	MP4C	X	-2.791	-2.791	0	%100
106	MP4C	Z	0	0	0	%100
107	MP2C	X	-2.791	-2.791	0	%100
108	MP2C	Z	0	0	0	%100
109	M121	X	-1.902	-1.902	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-1.902	-1.902	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	M126	X	-2.597	-2.597	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	-2.597	-2.597	0	%100
118	M127	Z	0	0	0	%100
119	M131	X	-2.597	-2.597	0	%100
120	M131	Z	0	0	0	%100
121	M132	X	-2.597	-2.597	0	%100
122	M132	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	-.749	-.749	0	%100
2	M1	Z	-.432	-.432	0	%100
3	M4	X	-2.268	-2.268	0	%100
4	M4	Z	-1.309	-1.309	0	%100
5	M10	X	-.615	-.615	0	%100
6	M10	Z	-.355	-.355	0	%100
7	M43	X	-.615	-.615	0	%100
8	M43	Z	-.355	-.355	0	%100
9	M46	X	-.961	-.961	0	%100
10	M46	Z	-.555	-.555	0	%100
11	M51B	X	-.708	-.708	0	%100
12	M51B	Z	-.409	-.409	0	%100
13	M52B	X	-2.831	-2.831	0	%100
14	M52B	Z	-1.634	-1.634	0	%100
15	M76	X	-2.837	-2.837	0	%100
16	M76	Z	-1.638	-1.638	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
17	M77	X	-.96	-.96	0	%100
18	M77	Z	-.554	-.554	0	%100
19	M80	X	-1.002	-1.002	0	%100
20	M80	Z	-.578	-.578	0	%100
21	M84	X	-2.837	-2.837	0	%100
22	M84	Z	-1.638	-1.638	0	%100
23	M85	X	-3.84	-3.84	0	%100
24	M85	Z	-2.217	-2.217	0	%100
25	M91	X	-4.007	-4.007	0	%100
26	M91	Z	-2.313	-2.313	0	%100
27	M26	X	-.749	-.749	0	%100
28	M26	Z	-.432	-.432	0	%100
29	M27	X	-2.995	-2.995	0	%100
30	M27	Z	-1.729	-1.729	0	%100
31	M28	X	-2.268	-2.268	0	%100
32	M28	Z	-1.309	-1.309	0	%100
33	M29	X	-.615	-.615	0	%100
34	M29	Z	-.355	-.355	0	%100
35	M30	X	-.615	-.615	0	%100
36	M30	Z	-.355	-.355	0	%100
37	M31	X	-.961	-.961	0	%100
38	M31	Z	-.555	-.555	0	%100
39	M34	X	-2.831	-2.831	0	%100
40	M34	Z	-1.634	-1.634	0	%100
41	M35	X	-.708	-.708	0	%100
42	M35	Z	-.409	-.409	0	%100
43	M39	X	-2.837	-2.837	0	%100
44	M39	Z	-1.638	-1.638	0	%100
45	M40	X	-3.84	-3.84	0	%100
46	M40	Z	-2.217	-2.217	0	%100
47	M42	X	-4.007	-4.007	0	%100
48	M42	Z	-2.313	-2.313	0	%100
49	M44	X	-2.837	-2.837	0	%100
50	M44	Z	-1.638	-1.638	0	%100
51	M45	X	-.96	-.96	0	%100
52	M45	Z	-.554	-.554	0	%100
53	M47	X	-1.002	-1.002	0	%100
54	M47	Z	-.578	-.578	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-2.46	-2.46	0	%100
58	M53	Z	-1.42	-1.42	0	%100
59	M54	X	-2.46	-2.46	0	%100
60	M54	Z	-1.42	-1.42	0	%100
61	M55	X	-3.845	-3.845	0	%100
62	M55	Z	-2.22	-2.22	0	%100
63	M58A	X	-.708	-.708	0	%100
64	M58A	Z	-.409	-.409	0	%100
65	M59A	X	-.708	-.708	0	%100
66	M59A	Z	-.409	-.409	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Oct 6, 2021
 10:34 AM
 Checked By: _____

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, %]
121	M132	X	-2.249	-2.249	0	% 100
122	M132	Z	-1.298	-1.298	0	% 100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.297	-1.297	0	% 100
2	M1	Z	-2.246	-2.246	0	% 100
3	M4	X	-.436	-.436	0	% 100
4	M4	Z	-.756	-.756	0	% 100
5	M10	X	-1.065	-1.065	0	% 100
6	M10	Z	-1.845	-1.845	0	% 100
7	M43	X	-1.065	-1.065	0	% 100
8	M43	Z	-1.845	-1.845	0	% 100
9	M46	X	-1.665	-1.665	0	% 100
10	M46	Z	-2.884	-2.884	0	% 100
11	M51B	X	0	0	0	% 100
12	M51B	Z	0	0	0	% 100
13	M52B	X	-1.226	-1.226	0	% 100
14	M52B	Z	-2.123	-2.123	0	% 100
15	M76	X	-.546	-.546	0	% 100
16	M76	Z	-.946	-.946	0	% 100
17	M77	X	0	0	0	% 100
18	M77	Z	0	0	0	% 100
19	M80	X	0	0	0	% 100
20	M80	Z	0	0	0	% 100
21	M84	X	-.546	-.546	0	% 100
22	M84	Z	-.946	-.946	0	% 100
23	M85	X	-1.663	-1.663	0	% 100
24	M85	Z	-2.88	-2.88	0	% 100
25	M91	X	-1.735	-1.735	0	% 100
26	M91	Z	-3.005	-3.005	0	% 100
27	M26	X	0	0	0	% 100
28	M26	Z	0	0	0	% 100
29	M27	X	-1.297	-1.297	0	% 100
30	M27	Z	-2.246	-2.246	0	% 100
31	M28	X	-1.746	-1.746	0	% 100
32	M28	Z	-3.024	-3.024	0	% 100
33	M29	X	0	0	0	% 100
34	M29	Z	0	0	0	% 100
35	M30	X	0	0	0	% 100
36	M30	Z	0	0	0	% 100
37	M31	X	0	0	0	% 100
38	M31	Z	0	0	0	% 100
39	M34	X	-1.226	-1.226	0	% 100
40	M34	Z	-2.123	-2.123	0	% 100
41	M35	X	-1.226	-1.226	0	% 100
42	M35	Z	-2.123	-2.123	0	% 100
43	M39	X	-2.184	-2.184	0	% 100
44	M39	Z	-3.782	-3.782	0	% 100
45	M40	X	-1.663	-1.663	0	% 100
46	M40	Z	-2.88	-2.88	0	% 100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
47	M42	X	-1.735	-1.735	0	%100
48	M42	Z	-3.005	-3.005	0	%100
49	M44	X	-2.184	-2.184	0	%100
50	M44	Z	-3.782	-3.782	0	%100
51	M45	X	-1.663	-1.663	0	%100
52	M45	Z	-2.88	-2.88	0	%100
53	M47	X	-1.735	-1.735	0	%100
54	M47	Z	-3.005	-3.005	0	%100
55	M52A	X	-.436	-.436	0	%100
56	M52A	Z	-.756	-.756	0	%100
57	M53	X	-1.065	-1.065	0	%100
58	M53	Z	-1.845	-1.845	0	%100
59	M54	X	-1.065	-1.065	0	%100
60	M54	Z	-1.845	-1.845	0	%100
61	M55	X	-1.665	-1.665	0	%100
62	M55	Z	-2.884	-2.884	0	%100
63	M58A	X	-1.226	-1.226	0	%100
64	M58A	Z	-2.123	-2.123	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-.546	-.546	0	%100
68	M63	Z	-.946	-.946	0	%100
69	M64	X	-1.663	-1.663	0	%100
70	M64	Z	-2.88	-2.88	0	%100
71	M66	X	-1.735	-1.735	0	%100
72	M66	Z	-3.005	-3.005	0	%100
73	M68	X	-.546	-.546	0	%100
74	M68	Z	-.946	-.946	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	-1.047	-1.047	0	%100
80	M76A	Z	-1.813	-1.813	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-1.047	-1.047	0	%100
84	M78	Z	-1.813	-1.813	0	%100
85	MP3A	X	-1.395	-1.395	0	%100
86	MP3A	Z	-2.417	-2.417	0	%100
87	MP1A	X	-1.395	-1.395	0	%100
88	MP1A	Z	-2.417	-2.417	0	%100
89	MP4A	X	-1.395	-1.395	0	%100
90	MP4A	Z	-2.417	-2.417	0	%100
91	MP2A	X	-1.395	-1.395	0	%100
92	MP2A	Z	-2.417	-2.417	0	%100
93	MP3B	X	-1.395	-1.395	0	%100
94	MP3B	Z	-2.417	-2.417	0	%100
95	MP1B	X	-1.395	-1.395	0	%100
96	MP1B	Z	-2.417	-2.417	0	%100
97	MP4B	X	-1.395	-1.395	0	%100
98	MP4B	Z	-2.417	-2.417	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, %]
99	MP2B	X	-1.395	-1.395	0	% 100
100	MP2B	Z	-2.417	-2.417	0	% 100
101	MP3C	X	-1.395	-1.395	0	% 100
102	MP3C	Z	-2.417	-2.417	0	% 100
103	MP1C	X	-1.395	-1.395	0	% 100
104	MP1C	Z	-2.417	-2.417	0	% 100
105	MP4C	X	-1.395	-1.395	0	% 100
106	MP4C	Z	-2.417	-2.417	0	% 100
107	MP2C	X	-1.395	-1.395	0	% 100
108	MP2C	Z	-2.417	-2.417	0	% 100
109	M121	X	0	0	0	% 100
110	M121	Z	0	0	0	% 100
111	M122	X	-.951	-.951	0	% 100
112	M122	Z	-1.647	-1.647	0	% 100
113	M123	X	-.951	-.951	0	% 100
114	M123	Z	-1.647	-1.647	0	% 100
115	M126	X	-1.298	-1.298	0	% 100
116	M126	Z	-2.249	-2.249	0	% 100
117	M127	X	-1.298	-1.298	0	% 100
118	M127	Z	-2.249	-2.249	0	% 100
119	M131	X	-1.298	-1.298	0	% 100
120	M131	Z	-2.249	-2.249	0	% 100
121	M132	X	-1.298	-1.298	0	% 100
122	M132	Z	-2.249	-2.249	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	-.748	-.748	0	% 100
3	M4	X	0	0	0	% 100
4	M4	Z	0	0	0	% 100
5	M10	X	0	0	0	% 100
6	M10	Z	-.643	-.643	0	% 100
7	M43	X	0	0	0	% 100
8	M43	Z	-.643	-.643	0	% 100
9	M46	X	0	0	0	% 100
10	M46	Z	-1.282	-1.282	0	% 100
11	M51B	X	0	0	0	% 100
12	M51B	Z	-.178	-.178	0	% 100
13	M52B	X	0	0	0	% 100
14	M52B	Z	-.178	-.178	0	% 100
15	M76	X	0	0	0	% 100
16	M76	Z	0	0	0	% 100
17	M77	X	0	0	0	% 100
18	M77	Z	-.327	-.327	0	% 100
19	M80	X	0	0	0	% 100
20	M80	Z	-.344	-.344	0	% 100
21	M84	X	0	0	0	% 100
22	M84	Z	0	0	0	% 100
23	M85	X	0	0	0	% 100
24	M85	Z	-.327	-.327	0	% 100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]	
25	M91	X	0	0	0	%100
26	M91	Z	-.344	-.344	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-.187	-.187	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.187	-.187	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-.57	-.57	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-.161	-.161	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	-.161	-.161	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	-.321	-.321	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	-.178	-.178	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	-.712	-.712	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-.962	-.962	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-.327	-.327	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	-.344	-.344	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-.962	-.962	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	-1.306	-1.306	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	-1.376	-1.376	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-.57	-.57	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-.161	-.161	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-.161	-.161	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	-.321	-.321	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	-.712	-.712	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	-.178	-.178	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	-.962	-.962	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	-1.306	-1.306	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-1.376	-1.376	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	-.962	-.962	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	-.327	-.327	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
77	M71	X	0	0	0	%100
78	M71	Z	-.344	-.344	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	-.508	-.508	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.127	-.127	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	-.127	-.127	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-.508	-.508	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	-.508	-.508	0	%100
89	MP4A	X	0	0	0	%100
90	MP4A	Z	-.508	-.508	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	-.508	-.508	0	%100
93	MP3B	X	0	0	0	%100
94	MP3B	Z	-.508	-.508	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-.508	-.508	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-.508	-.508	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.508	-.508	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	-.508	-.508	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-.508	-.508	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	-.508	-.508	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-.508	-.508	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.148	-.148	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.148	-.148	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-.592	-.592	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	-.525	-.525	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	-.525	-.525	0	%100
119	M131	X	0	0	0	%100
120	M131	Z	-.525	-.525	0	%100
121	M132	X	0	0	0	%100
122	M132	Z	-.525	-.525	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.281	.281	0	%100
2	M1	Z	-.486	-.486	0	%100



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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,%]
3	M4	X	.095	.095	0	%100
4	M4	Z	-.165	-.165	0	%100
5	M10	X	.241	.241	0	%100
6	M10	Z	-.418	-.418	0	%100
7	M43	X	.241	.241	0	%100
8	M43	Z	-.418	-.418	0	%100
9	M46	X	.481	.481	0	%100
10	M46	Z	-.833	-.833	0	%100
11	M51B	X	.267	.267	0	%100
12	M51B	Z	-.463	-.463	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.16	.16	0	%100
16	M76	Z	-.278	-.278	0	%100
17	M77	X	.49	.49	0	%100
18	M77	Z	-.848	-.848	0	%100
19	M80	X	.516	.516	0	%100
20	M80	Z	-.894	-.894	0	%100
21	M84	X	.16	.16	0	%100
22	M84	Z	-.278	-.278	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	.281	.281	0	%100
28	M26	Z	-.486	-.486	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	.095	.095	0	%100
32	M28	Z	-.165	-.165	0	%100
33	M29	X	.241	.241	0	%100
34	M29	Z	-.418	-.418	0	%100
35	M30	X	.241	.241	0	%100
36	M30	Z	-.418	-.418	0	%100
37	M31	X	.481	.481	0	%100
38	M31	Z	-.833	-.833	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	.267	.267	0	%100
42	M35	Z	-.463	-.463	0	%100
43	M39	X	.16	.16	0	%100
44	M39	Z	-.278	-.278	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	.16	.16	0	%100
50	M44	Z	-.278	-.278	0	%100
51	M45	X	.49	.49	0	%100
52	M45	Z	-.848	-.848	0	%100
53	M47	X	.516	.516	0	%100
54	M47	Z	-.894	-.894	0	%100



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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, %]
55	M52A	X	.38	.38	0 %100
56	M52A	Z	-.658	-.658	0 %100
57	M53	X	0	0	0 %100
58	M53	Z	0	0	0 %100
59	M54	X	0	0	0 %100
60	M54	Z	0	0	0 %100
61	M55	X	0	0	0 %100
62	M55	Z	0	0	0 %100
63	M58A	X	.267	.267	0 %100
64	M58A	Z	-.463	-.463	0 %100
65	M59A	X	.267	.267	0 %100
66	M59A	Z	-.463	-.463	0 %100
67	M63	X	.641	.641	0 %100
68	M63	Z	-1.111	-1.111	0 %100
69	M64	X	.49	.49	0 %100
70	M64	Z	-.848	-.848	0 %100
71	M66	X	.516	.516	0 %100
72	M66	Z	-.894	-.894	0 %100
73	M68	X	.641	.641	0 %100
74	M68	Z	-1.111	-1.111	0 %100
75	M69	X	.49	.49	0 %100
76	M69	Z	-.848	-.848	0 %100
77	M71	X	.516	.516	0 %100
78	M71	Z	-.894	-.894	0 %100
79	M76A	X	.19	.19	0 %100
80	M76A	Z	-.33	-.33	0 %100
81	M77A	X	.19	.19	0 %100
82	M77A	Z	-.33	-.33	0 %100
83	M78	X	0	0	0 %100
84	M78	Z	0	0	0 %100
85	MP3A	X	.254	.254	0 %100
86	MP3A	Z	-.44	-.44	0 %100
87	MP1A	X	.254	.254	0 %100
88	MP1A	Z	-.44	-.44	0 %100
89	MP4A	X	.254	.254	0 %100
90	MP4A	Z	-.44	-.44	0 %100
91	MP2A	X	.254	.254	0 %100
92	MP2A	Z	-.44	-.44	0 %100
93	MP3B	X	.254	.254	0 %100
94	MP3B	Z	-.44	-.44	0 %100
95	MP1B	X	.254	.254	0 %100
96	MP1B	Z	-.44	-.44	0 %100
97	MP4B	X	.254	.254	0 %100
98	MP4B	Z	-.44	-.44	0 %100
99	MP2B	X	.254	.254	0 %100
100	MP2B	Z	-.44	-.44	0 %100
101	MP3C	X	.254	.254	0 %100
102	MP3C	Z	-.44	-.44	0 %100
103	MP1C	X	.254	.254	0 %100
104	MP1C	Z	-.44	-.44	0 %100
105	MP4C	X	.254	.254	0 %100
106	MP4C	Z	-.44	-.44	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,%]
107	MP2C	X	.254	.254	0	%100
108	MP2C	Z	-.44	-.44	0	%100
109	M121	X	.222	.222	0	%100
110	M121	Z	-.385	-.385	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	.222	.222	0	%100
114	M123	Z	-.385	-.385	0	%100
115	M126	X	.263	.263	0	%100
116	M126	Z	-.455	-.455	0	%100
117	M127	X	.263	.263	0	%100
118	M127	Z	-.455	-.455	0	%100
119	M131	X	.263	.263	0	%100
120	M131	Z	-.455	-.455	0	%100
121	M132	X	.263	.263	0	%100
122	M132	Z	-.455	-.455	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	.162	.162	0	%100
2	M1	Z	-.094	-.094	0	%100
3	M4	X	.494	.494	0	%100
4	M4	Z	-.285	-.285	0	%100
5	M10	X	.139	.139	0	%100
6	M10	Z	-.08	-.08	0	%100
7	M43	X	.139	.139	0	%100
8	M43	Z	-.08	-.08	0	%100
9	M46	X	.278	.278	0	%100
10	M46	Z	-.16	-.16	0	%100
11	M51B	X	.617	.617	0	%100
12	M51B	Z	-.356	-.356	0	%100
13	M52B	X	.154	.154	0	%100
14	M52B	Z	-.089	-.089	0	%100
15	M76	X	.833	.833	0	%100
16	M76	Z	-.481	-.481	0	%100
17	M77	X	1.131	1.131	0	%100
18	M77	Z	-.653	-.653	0	%100
19	M80	X	1.191	1.191	0	%100
20	M80	Z	-.688	-.688	0	%100
21	M84	X	.833	.833	0	%100
22	M84	Z	-.481	-.481	0	%100
23	M85	X	.283	.283	0	%100
24	M85	Z	-.163	-.163	0	%100
25	M91	X	.298	.298	0	%100
26	M91	Z	-.172	-.172	0	%100
27	M26	X	.648	.648	0	%100
28	M26	Z	-.374	-.374	0	%100
29	M27	X	.162	.162	0	%100
30	M27	Z	-.094	-.094	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	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,%]
33	M29	X	.557	.557	0	%100
34	M29	Z	-.321	-.321	0	%100
35	M30	X	.557	.557	0	%100
36	M30	Z	-.321	-.321	0	%100
37	M31	X	1.111	1.111	0	%100
38	M31	Z	-.641	-.641	0	%100
39	M34	X	.154	.154	0	%100
40	M34	Z	-.089	-.089	0	%100
41	M35	X	.154	.154	0	%100
42	M35	Z	-.089	-.089	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	.283	.283	0	%100
46	M40	Z	-.163	-.163	0	%100
47	M42	X	.298	.298	0	%100
48	M42	Z	-.172	-.172	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	.283	.283	0	%100
52	M45	Z	-.163	-.163	0	%100
53	M47	X	.298	.298	0	%100
54	M47	Z	-.172	-.172	0	%100
55	M52A	X	.494	.494	0	%100
56	M52A	Z	-.285	-.285	0	%100
57	M53	X	.139	.139	0	%100
58	M53	Z	-.08	-.08	0	%100
59	M54	X	.139	.139	0	%100
60	M54	Z	-.08	-.08	0	%100
61	M55	X	.278	.278	0	%100
62	M55	Z	-.16	-.16	0	%100
63	M58A	X	.154	.154	0	%100
64	M58A	Z	-.089	-.089	0	%100
65	M59A	X	.617	.617	0	%100
66	M59A	Z	-.356	-.356	0	%100
67	M63	X	.833	.833	0	%100
68	M63	Z	-.481	-.481	0	%100
69	M64	X	.283	.283	0	%100
70	M64	Z	-.163	-.163	0	%100
71	M66	X	.298	.298	0	%100
72	M66	Z	-.172	-.172	0	%100
73	M68	X	.833	.833	0	%100
74	M68	Z	-.481	-.481	0	%100
75	M69	X	1.131	1.131	0	%100
76	M69	Z	-.653	-.653	0	%100
77	M71	X	1.191	1.191	0	%100
78	M71	Z	-.688	-.688	0	%100
79	M76A	X	.11	.11	0	%100
80	M76A	Z	-.063	-.063	0	%100
81	M77A	X	.44	.44	0	%100
82	M77A	Z	-.254	-.254	0	%100
83	M78	X	.11	.11	0	%100
84	M78	Z	-.063	-.063	0	%100



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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,%]
85	MP3A	X	.44	.44	0	%100
86	MP3A	Z	-.254	-.254	0	%100
87	MP1A	X	.44	.44	0	%100
88	MP1A	Z	-.254	-.254	0	%100
89	MP4A	X	.44	.44	0	%100
90	MP4A	Z	-.254	-.254	0	%100
91	MP2A	X	.44	.44	0	%100
92	MP2A	Z	-.254	-.254	0	%100
93	MP3B	X	.44	.44	0	%100
94	MP3B	Z	-.254	-.254	0	%100
95	MP1B	X	.44	.44	0	%100
96	MP1B	Z	-.254	-.254	0	%100
97	MP4B	X	.44	.44	0	%100
98	MP4B	Z	-.254	-.254	0	%100
99	MP2B	X	.44	.44	0	%100
100	MP2B	Z	-.254	-.254	0	%100
101	MP3C	X	.44	.44	0	%100
102	MP3C	Z	-.254	-.254	0	%100
103	MP1C	X	.44	.44	0	%100
104	MP1C	Z	-.254	-.254	0	%100
105	MP4C	X	.44	.44	0	%100
106	MP4C	Z	-.254	-.254	0	%100
107	MP2C	X	.44	.44	0	%100
108	MP2C	Z	-.254	-.254	0	%100
109	M121	X	.513	.513	0	%100
110	M121	Z	-.296	-.296	0	%100
111	M122	X	.128	.128	0	%100
112	M122	Z	-.074	-.074	0	%100
113	M123	X	.128	.128	0	%100
114	M123	Z	-.074	-.074	0	%100
115	M126	X	.455	.455	0	%100
116	M126	Z	-.263	-.263	0	%100
117	M127	X	.455	.455	0	%100
118	M127	Z	-.263	-.263	0	%100
119	M131	X	.455	.455	0	%100
120	M131	Z	-.263	-.263	0	%100
121	M132	X	.455	.455	0	%100
122	M132	Z	-.263	-.263	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.76	.76	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	.534	.534	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	.321	.321	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	.321	.321	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	.98	.98	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	1.032	1.032	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	.381	.381	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	.381	.381	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	.508	.508	0	%100
86	MP3A	Z	0	0	0	%100
87	MP1A	X	.508	.508	0	%100
88	MP1A	Z	0	0	0	%100
89	MP4A	X	.508	.508	0	%100
90	MP4A	Z	0	0	0	%100
91	MP2A	X	.508	.508	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3B	X	.508	.508	0	%100
94	MP3B	Z	0	0	0	%100
95	MP1B	X	.508	.508	0	%100
96	MP1B	Z	0	0	0	%100
97	MP4B	X	.508	.508	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	.508	.508	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3C	X	.508	.508	0	%100
102	MP3C	Z	0	0	0	%100
103	MP1C	X	.508	.508	0	%100
104	MP1C	Z	0	0	0	%100
105	MP4C	X	.508	.508	0	%100
106	MP4C	Z	0	0	0	%100
107	MP2C	X	.508	.508	0	%100
108	MP2C	Z	0	0	0	%100
109	M121	X	.444	.444	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.444	.444	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M126	X	.525	.525	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	.525	.525	0	%100
118	M127	Z	0	0	0	%100
119	M131	X	.525	.525	0	%100
120	M131	Z	0	0	0	%100
121	M132	X	.525	.525	0	%100
122	M132	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	.162	.162	0	%100
2	M1	Z	.094	.094	0	%100
3	M4	X	.494	.494	0	%100
4	M4	Z	.285	.285	0	%100
5	M10	X	.139	.139	0	%100
6	M10	Z	.08	.08	0	%100
7	M43	X	.139	.139	0	%100
8	M43	Z	.08	.08	0	%100
9	M46	X	.278	.278	0	%100
10	M46	Z	.16	.16	0	%100
11	M51B	X	.154	.154	0	%100
12	M51B	Z	.089	.089	0	%100
13	M52B	X	.617	.617	0	%100
14	M52B	Z	.356	.356	0	%100
15	M76	X	.833	.833	0	%100
16	M76	Z	.481	.481	0	%100
17	M77	X	.283	.283	0	%100
18	M77	Z	.163	.163	0	%100
19	M80	X	.298	.298	0	%100
20	M80	Z	.172	.172	0	%100
21	M84	X	.833	.833	0	%100
22	M84	Z	.481	.481	0	%100
23	M85	X	1.131	1.131	0	%100
24	M85	Z	.653	.653	0	%100
25	M91	X	1.191	1.191	0	%100
26	M91	Z	.688	.688	0	%100
27	M26	X	.162	.162	0	%100
28	M26	Z	.094	.094	0	%100
29	M27	X	.648	.648	0	%100
30	M27	Z	.374	.374	0	%100
31	M28	X	.494	.494	0	%100
32	M28	Z	.285	.285	0	%100
33	M29	X	.139	.139	0	%100
34	M29	Z	.08	.08	0	%100
35	M30	X	.139	.139	0	%100
36	M30	Z	.08	.08	0	%100
37	M31	X	.278	.278	0	%100
38	M31	Z	.16	.16	0	%100
39	M34	X	.617	.617	0	%100
40	M34	Z	.356	.356	0	%100



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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,%]
41	M35	X	.154	.154	0	%100
42	M35	Z	.089	.089	0	%100
43	M39	X	.833	.833	0	%100
44	M39	Z	.481	.481	0	%100
45	M40	X	1.131	1.131	0	%100
46	M40	Z	.653	.653	0	%100
47	M42	X	1.191	1.191	0	%100
48	M42	Z	.688	.688	0	%100
49	M44	X	.833	.833	0	%100
50	M44	Z	.481	.481	0	%100
51	M45	X	.283	.283	0	%100
52	M45	Z	.163	.163	0	%100
53	M47	X	.298	.298	0	%100
54	M47	Z	.172	.172	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	.557	.557	0	%100
58	M53	Z	.321	.321	0	%100
59	M54	X	.557	.557	0	%100
60	M54	Z	.321	.321	0	%100
61	M55	X	1.111	1.111	0	%100
62	M55	Z	.641	.641	0	%100
63	M58A	X	.154	.154	0	%100
64	M58A	Z	.089	.089	0	%100
65	M59A	X	.154	.154	0	%100
66	M59A	Z	.089	.089	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	.283	.283	0	%100
70	M64	Z	.163	.163	0	%100
71	M66	X	.298	.298	0	%100
72	M66	Z	.172	.172	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	.283	.283	0	%100
76	M69	Z	.163	.163	0	%100
77	M71	X	.298	.298	0	%100
78	M71	Z	.172	.172	0	%100
79	M76A	X	.11	.11	0	%100
80	M76A	Z	.063	.063	0	%100
81	M77A	X	.11	.11	0	%100
82	M77A	Z	.063	.063	0	%100
83	M78	X	.44	.44	0	%100
84	M78	Z	.254	.254	0	%100
85	MP3A	X	.44	.44	0	%100
86	MP3A	Z	.254	.254	0	%100
87	MP1A	X	.44	.44	0	%100
88	MP1A	Z	.254	.254	0	%100
89	MP4A	X	.44	.44	0	%100
90	MP4A	Z	.254	.254	0	%100
91	MP2A	X	.44	.44	0	%100
92	MP2A	Z	.254	.254	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, %]
93	MP3B	X	.44	.44	0	%100
94	MP3B	Z	.254	.254	0	%100
95	MP1B	X	.44	.44	0	%100
96	MP1B	Z	.254	.254	0	%100
97	MP4B	X	.44	.44	0	%100
98	MP4B	Z	.254	.254	0	%100
99	MP2B	X	.44	.44	0	%100
100	MP2B	Z	.254	.254	0	%100
101	MP3C	X	.44	.44	0	%100
102	MP3C	Z	.254	.254	0	%100
103	MP1C	X	.44	.44	0	%100
104	MP1C	Z	.254	.254	0	%100
105	MP4C	X	.44	.44	0	%100
106	MP4C	Z	.254	.254	0	%100
107	MP2C	X	.44	.44	0	%100
108	MP2C	Z	.254	.254	0	%100
109	M121	X	.128	.128	0	%100
110	M121	Z	.074	.074	0	%100
111	M122	X	.513	.513	0	%100
112	M122	Z	.296	.296	0	%100
113	M123	X	.128	.128	0	%100
114	M123	Z	.074	.074	0	%100
115	M126	X	.455	.455	0	%100
116	M126	Z	.263	.263	0	%100
117	M127	X	.455	.455	0	%100
118	M127	Z	.263	.263	0	%100
119	M131	X	.455	.455	0	%100
120	M131	Z	.263	.263	0	%100
121	M132	X	.455	.455	0	%100
122	M132	Z	.263	.263	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.281	.281	0	%100
2	M1	Z	.486	.486	0	%100
3	M4	X	.095	.095	0	%100
4	M4	Z	.165	.165	0	%100
5	M10	X	.241	.241	0	%100
6	M10	Z	.418	.418	0	%100
7	M43	X	.241	.241	0	%100
8	M43	Z	.418	.418	0	%100
9	M46	X	.481	.481	0	%100
10	M46	Z	.833	.833	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.267	.267	0	%100
14	M52B	Z	.463	.463	0	%100
15	M76	X	.16	.16	0	%100
16	M76	Z	.278	.278	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100



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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,%]
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.16	.16	0	%100
22	M84	Z	.278	.278	0	%100
23	M85	X	.49	.49	0	%100
24	M85	Z	.848	.848	0	%100
25	M91	X	.516	.516	0	%100
26	M91	Z	.894	.894	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	.281	.281	0	%100
30	M27	Z	.486	.486	0	%100
31	M28	X	.38	.38	0	%100
32	M28	Z	.658	.658	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	.267	.267	0	%100
40	M34	Z	.463	.463	0	%100
41	M35	X	.267	.267	0	%100
42	M35	Z	.463	.463	0	%100
43	M39	X	.641	.641	0	%100
44	M39	Z	1.111	1.111	0	%100
45	M40	X	.49	.49	0	%100
46	M40	Z	.848	.848	0	%100
47	M42	X	.516	.516	0	%100
48	M42	Z	.894	.894	0	%100
49	M44	X	.641	.641	0	%100
50	M44	Z	1.111	1.111	0	%100
51	M45	X	.49	.49	0	%100
52	M45	Z	.848	.848	0	%100
53	M47	X	.516	.516	0	%100
54	M47	Z	.894	.894	0	%100
55	M52A	X	.095	.095	0	%100
56	M52A	Z	.165	.165	0	%100
57	M53	X	.241	.241	0	%100
58	M53	Z	.418	.418	0	%100
59	M54	X	.241	.241	0	%100
60	M54	Z	.418	.418	0	%100
61	M55	X	.481	.481	0	%100
62	M55	Z	.833	.833	0	%100
63	M58A	X	.267	.267	0	%100
64	M58A	Z	.463	.463	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	.16	.16	0	%100
68	M63	Z	.278	.278	0	%100
69	M64	X	.49	.49	0	%100
70	M64	Z	.848	.848	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,%]
71	M66	X	.516	.516	0	%100
72	M66	Z	.894	.894	0	%100
73	M68	X	.16	.16	0	%100
74	M68	Z	.278	.278	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	.19	.19	0	%100
80	M76A	Z	.33	.33	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	.19	.19	0	%100
84	M78	Z	.33	.33	0	%100
85	MP3A	X	.254	.254	0	%100
86	MP3A	Z	.44	.44	0	%100
87	MP1A	X	.254	.254	0	%100
88	MP1A	Z	.44	.44	0	%100
89	MP4A	X	.254	.254	0	%100
90	MP4A	Z	.44	.44	0	%100
91	MP2A	X	.254	.254	0	%100
92	MP2A	Z	.44	.44	0	%100
93	MP3B	X	.254	.254	0	%100
94	MP3B	Z	.44	.44	0	%100
95	MP1B	X	.254	.254	0	%100
96	MP1B	Z	.44	.44	0	%100
97	MP4B	X	.254	.254	0	%100
98	MP4B	Z	.44	.44	0	%100
99	MP2B	X	.254	.254	0	%100
100	MP2B	Z	.44	.44	0	%100
101	MP3C	X	.254	.254	0	%100
102	MP3C	Z	.44	.44	0	%100
103	MP1C	X	.254	.254	0	%100
104	MP1C	Z	.44	.44	0	%100
105	MP4C	X	.254	.254	0	%100
106	MP4C	Z	.44	.44	0	%100
107	MP2C	X	.254	.254	0	%100
108	MP2C	Z	.44	.44	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.222	.222	0	%100
112	M122	Z	.385	.385	0	%100
113	M123	X	.222	.222	0	%100
114	M123	Z	.385	.385	0	%100
115	M126	X	.263	.263	0	%100
116	M126	Z	.455	.455	0	%100
117	M127	X	.263	.263	0	%100
118	M127	Z	.455	.455	0	%100
119	M131	X	.263	.263	0	%100
120	M131	Z	.455	.455	0	%100
121	M132	X	.263	.263	0	%100
122	M132	Z	.455	.455	0	%100



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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	.748	.748	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.643	.643	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	.643	.643	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	1.282	1.282	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.178	.178	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.178	.178	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	.327	.327	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	.344	.344	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	.327	.327	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	.344	.344	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	.187	.187	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.187	.187	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	.57	.57	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	.161	.161	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	.161	.161	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	.321	.321	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	.178	.178	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	.712	.712	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	.962	.962	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	.327	.327	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	.344	.344	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	.962	.962	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	1.306	1.306	0	%100



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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,%]
53	M47	X	0	0	0	%100
54	M47	Z	1.376	1.376	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	.57	.57	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	.161	.161	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	.161	.161	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	.321	.321	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	.712	.712	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	.178	.178	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	.962	.962	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	1.306	1.306	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	1.376	1.376	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	.962	.962	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	.327	.327	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	.344	.344	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	.508	.508	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.127	.127	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	.127	.127	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	.508	.508	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	.508	.508	0	%100
89	MP4A	X	0	0	0	%100
90	MP4A	Z	.508	.508	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	.508	.508	0	%100
93	MP3B	X	0	0	0	%100
94	MP3B	Z	.508	.508	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	.508	.508	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	.508	.508	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.508	.508	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	.508	.508	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	.508	.508	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,%]
105	MP4C	X	0	0	0	%100
106	MP4C	Z	.508	.508	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	.508	.508	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.148	.148	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	.148	.148	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	.592	.592	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	.525	.525	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	.525	.525	0	%100
119	M131	X	0	0	0	%100
120	M131	Z	.525	.525	0	%100
121	M132	X	0	0	0	%100
122	M132	Z	.525	.525	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.281	-.281	0	%100
2	M1	Z	.486	.486	0	%100
3	M4	X	-.095	-.095	0	%100
4	M4	Z	.165	.165	0	%100
5	M10	X	-.241	-.241	0	%100
6	M10	Z	.418	.418	0	%100
7	M43	X	-.241	-.241	0	%100
8	M43	Z	.418	.418	0	%100
9	M46	X	-.481	-.481	0	%100
10	M46	Z	.833	.833	0	%100
11	M51B	X	-.267	-.267	0	%100
12	M51B	Z	.463	.463	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.16	-.16	0	%100
16	M76	Z	.278	.278	0	%100
17	M77	X	-.49	-.49	0	%100
18	M77	Z	.848	.848	0	%100
19	M80	X	-.516	-.516	0	%100
20	M80	Z	.894	.894	0	%100
21	M84	X	-.16	-.16	0	%100
22	M84	Z	.278	.278	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-.281	-.281	0	%100
28	M26	Z	.486	.486	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100



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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,%]
31	M28	X	-.095	-.095	0	%100
32	M28	Z	.165	.165	0	%100
33	M29	X	-.241	-.241	0	%100
34	M29	Z	.418	.418	0	%100
35	M30	X	-.241	-.241	0	%100
36	M30	Z	.418	.418	0	%100
37	M31	X	-.481	-.481	0	%100
38	M31	Z	.833	.833	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	-.267	-.267	0	%100
42	M35	Z	.463	.463	0	%100
43	M39	X	-.16	-.16	0	%100
44	M39	Z	.278	.278	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-.16	-.16	0	%100
50	M44	Z	.278	.278	0	%100
51	M45	X	-.49	-.49	0	%100
52	M45	Z	.848	.848	0	%100
53	M47	X	-.516	-.516	0	%100
54	M47	Z	.894	.894	0	%100
55	M52A	X	-.38	-.38	0	%100
56	M52A	Z	.658	.658	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	-.267	-.267	0	%100
64	M58A	Z	.463	.463	0	%100
65	M59A	X	-.267	-.267	0	%100
66	M59A	Z	.463	.463	0	%100
67	M63	X	-.641	-.641	0	%100
68	M63	Z	1.111	1.111	0	%100
69	M64	X	-.49	-.49	0	%100
70	M64	Z	.848	.848	0	%100
71	M66	X	-.516	-.516	0	%100
72	M66	Z	.894	.894	0	%100
73	M68	X	-.641	-.641	0	%100
74	M68	Z	1.111	1.111	0	%100
75	M69	X	-.49	-.49	0	%100
76	M69	Z	.848	.848	0	%100
77	M71	X	-.516	-.516	0	%100
78	M71	Z	.894	.894	0	%100
79	M76A	X	-.19	-.19	0	%100
80	M76A	Z	.33	.33	0	%100
81	M77A	X	-.19	-.19	0	%100
82	M77A	Z	.33	.33	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,%]
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	-.254	-.254	0	%100
86	MP3A	Z	.44	.44	0	%100
87	MP1A	X	-.254	-.254	0	%100
88	MP1A	Z	.44	.44	0	%100
89	MP4A	X	-.254	-.254	0	%100
90	MP4A	Z	.44	.44	0	%100
91	MP2A	X	-.254	-.254	0	%100
92	MP2A	Z	.44	.44	0	%100
93	MP3B	X	-.254	-.254	0	%100
94	MP3B	Z	.44	.44	0	%100
95	MP1B	X	-.254	-.254	0	%100
96	MP1B	Z	.44	.44	0	%100
97	MP4B	X	-.254	-.254	0	%100
98	MP4B	Z	.44	.44	0	%100
99	MP2B	X	-.254	-.254	0	%100
100	MP2B	Z	.44	.44	0	%100
101	MP3C	X	-.254	-.254	0	%100
102	MP3C	Z	.44	.44	0	%100
103	MP1C	X	-.254	-.254	0	%100
104	MP1C	Z	.44	.44	0	%100
105	MP4C	X	-.254	-.254	0	%100
106	MP4C	Z	.44	.44	0	%100
107	MP2C	X	-.254	-.254	0	%100
108	MP2C	Z	.44	.44	0	%100
109	M121	X	-.222	-.222	0	%100
110	M121	Z	.385	.385	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-.222	-.222	0	%100
114	M123	Z	.385	.385	0	%100
115	M126	X	-.263	-.263	0	%100
116	M126	Z	.455	.455	0	%100
117	M127	X	-.263	-.263	0	%100
118	M127	Z	.455	.455	0	%100
119	M131	X	-.263	-.263	0	%100
120	M131	Z	.455	.455	0	%100
121	M132	X	-.263	-.263	0	%100
122	M132	Z	.455	.455	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	-.162	-.162	0	%100
2	M1	Z	.094	.094	0	%100
3	M4	X	-.494	-.494	0	%100
4	M4	Z	.285	.285	0	%100
5	M10	X	-.139	-.139	0	%100
6	M10	Z	.08	.08	0	%100
7	M43	X	-.139	-.139	0	%100
8	M43	Z	.08	.08	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,%]
9	M46	X	-.278	-.278	0	%100
10	M46	Z	.16	.16	0	%100
11	M51B	X	-.617	-.617	0	%100
12	M51B	Z	.356	.356	0	%100
13	M52B	X	-.154	-.154	0	%100
14	M52B	Z	.089	.089	0	%100
15	M76	X	-.833	-.833	0	%100
16	M76	Z	.481	.481	0	%100
17	M77	X	-1.131	-1.131	0	%100
18	M77	Z	.653	.653	0	%100
19	M80	X	-1.191	-1.191	0	%100
20	M80	Z	.688	.688	0	%100
21	M84	X	-.833	-.833	0	%100
22	M84	Z	.481	.481	0	%100
23	M85	X	-.283	-.283	0	%100
24	M85	Z	.163	.163	0	%100
25	M91	X	-.298	-.298	0	%100
26	M91	Z	.172	.172	0	%100
27	M26	X	-.648	-.648	0	%100
28	M26	Z	.374	.374	0	%100
29	M27	X	-.162	-.162	0	%100
30	M27	Z	.094	.094	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-.557	-.557	0	%100
34	M29	Z	.321	.321	0	%100
35	M30	X	-.557	-.557	0	%100
36	M30	Z	.321	.321	0	%100
37	M31	X	-1.111	-1.111	0	%100
38	M31	Z	.641	.641	0	%100
39	M34	X	-.154	-.154	0	%100
40	M34	Z	.089	.089	0	%100
41	M35	X	-.154	-.154	0	%100
42	M35	Z	.089	.089	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-.283	-.283	0	%100
46	M40	Z	.163	.163	0	%100
47	M42	X	-.298	-.298	0	%100
48	M42	Z	.172	.172	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	-.283	-.283	0	%100
52	M45	Z	.163	.163	0	%100
53	M47	X	-.298	-.298	0	%100
54	M47	Z	.172	.172	0	%100
55	M52A	X	-.494	-.494	0	%100
56	M52A	Z	.285	.285	0	%100
57	M53	X	-.139	-.139	0	%100
58	M53	Z	.08	.08	0	%100
59	M54	X	-.139	-.139	0	%100
60	M54	Z	.08	.08	0	%100



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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,%]
61	M55	X	-.278	-.278	0 %100
62	M55	Z	.16	.16	0 %100
63	M58A	X	-.154	-.154	0 %100
64	M58A	Z	.089	.089	0 %100
65	M59A	X	-.617	-.617	0 %100
66	M59A	Z	.356	.356	0 %100
67	M63	X	-.833	-.833	0 %100
68	M63	Z	.481	.481	0 %100
69	M64	X	-.283	-.283	0 %100
70	M64	Z	.163	.163	0 %100
71	M66	X	-.298	-.298	0 %100
72	M66	Z	.172	.172	0 %100
73	M68	X	-.833	-.833	0 %100
74	M68	Z	.481	.481	0 %100
75	M69	X	-1.131	-1.131	0 %100
76	M69	Z	.653	.653	0 %100
77	M71	X	-1.191	-1.191	0 %100
78	M71	Z	.688	.688	0 %100
79	M76A	X	-.11	-.11	0 %100
80	M76A	Z	.063	.063	0 %100
81	M77A	X	-.44	-.44	0 %100
82	M77A	Z	.254	.254	0 %100
83	M78	X	-.11	-.11	0 %100
84	M78	Z	.063	.063	0 %100
85	MP3A	X	-.44	-.44	0 %100
86	MP3A	Z	.254	.254	0 %100
87	MP1A	X	-.44	-.44	0 %100
88	MP1A	Z	.254	.254	0 %100
89	MP4A	X	-.44	-.44	0 %100
90	MP4A	Z	.254	.254	0 %100
91	MP2A	X	-.44	-.44	0 %100
92	MP2A	Z	.254	.254	0 %100
93	MP3B	X	-.44	-.44	0 %100
94	MP3B	Z	.254	.254	0 %100
95	MP1B	X	-.44	-.44	0 %100
96	MP1B	Z	.254	.254	0 %100
97	MP4B	X	-.44	-.44	0 %100
98	MP4B	Z	.254	.254	0 %100
99	MP2B	X	-.44	-.44	0 %100
100	MP2B	Z	.254	.254	0 %100
101	MP3C	X	-.44	-.44	0 %100
102	MP3C	Z	.254	.254	0 %100
103	MP1C	X	-.44	-.44	0 %100
104	MP1C	Z	.254	.254	0 %100
105	MP4C	X	-.44	-.44	0 %100
106	MP4C	Z	.254	.254	0 %100
107	MP2C	X	-.44	-.44	0 %100
108	MP2C	Z	.254	.254	0 %100
109	M121	X	-.513	-.513	0 %100
110	M121	Z	.296	.296	0 %100
111	M122	X	-.128	-.128	0 %100
112	M122	Z	.074	.074	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,%]
113	M123	X	-.128	-.128	0	%100
114	M123	Z	.074	.074	0	%100
115	M126	X	-.455	-.455	0	%100
116	M126	Z	.263	.263	0	%100
117	M127	X	-.455	-.455	0	%100
118	M127	Z	.263	.263	0	%100
119	M131	X	-.455	-.455	0	%100
120	M131	Z	.263	.263	0	%100
121	M132	X	-.455	-.455	0	%100
122	M132	Z	.263	.263	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.76	-.76	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-.534	-.534	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-.534	-.534	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-1.282	-1.282	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-.98	-.98	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-1.032	-1.032	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-1.282	-1.282	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-.98	-.98	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-1.032	-1.032	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-.561	-.561	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-.561	-.561	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-.19	-.19	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-.482	-.482	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	-.482	-.482	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	-.962	-.962	0	%100
38	M31	Z	0	0	0	%100



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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,%]
39	M34	X	-.534	-.534	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	-.321	-.321	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-.98	-.98	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	-1.032	-1.032	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-.321	-.321	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	-.19	-.19	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-.482	-.482	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	-.482	-.482	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	-.962	-.962	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	-.534	-.534	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-.321	-.321	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	-.321	-.321	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-.98	-.98	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	-1.032	-1.032	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	-.381	-.381	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-.381	-.381	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	-.508	-.508	0	%100
86	MP3A	Z	0	0	0	%100
87	MP1A	X	-.508	-.508	0	%100
88	MP1A	Z	0	0	0	%100
89	MP4A	X	-.508	-.508	0	%100
90	MP4A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
91	MP2A	X	-.508	-.508	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3B	X	-.508	-.508	0	%100
94	MP3B	Z	0	0	0	%100
95	MP1B	X	-.508	-.508	0	%100
96	MP1B	Z	0	0	0	%100
97	MP4B	X	-.508	-.508	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-.508	-.508	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3C	X	-.508	-.508	0	%100
102	MP3C	Z	0	0	0	%100
103	MP1C	X	-.508	-.508	0	%100
104	MP1C	Z	0	0	0	%100
105	MP4C	X	-.508	-.508	0	%100
106	MP4C	Z	0	0	0	%100
107	MP2C	X	-.508	-.508	0	%100
108	MP2C	Z	0	0	0	%100
109	M121	X	-.444	-.444	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-.444	-.444	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	M126	X	-.525	-.525	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	-.525	-.525	0	%100
118	M127	Z	0	0	0	%100
119	M131	X	-.525	-.525	0	%100
120	M131	Z	0	0	0	%100
121	M132	X	-.525	-.525	0	%100
122	M132	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	-.162	-.162	0	%100
2	M1	Z	-.094	-.094	0	%100
3	M4	X	-.494	-.494	0	%100
4	M4	Z	-.285	-.285	0	%100
5	M10	X	-.139	-.139	0	%100
6	M10	Z	-.08	-.08	0	%100
7	M43	X	-.139	-.139	0	%100
8	M43	Z	-.08	-.08	0	%100
9	M46	X	-.278	-.278	0	%100
10	M46	Z	-.16	-.16	0	%100
11	M51B	X	-.154	-.154	0	%100
12	M51B	Z	-.089	-.089	0	%100
13	M52B	X	-.617	-.617	0	%100
14	M52B	Z	-.356	-.356	0	%100
15	M76	X	-.833	-.833	0	%100
16	M76	Z	-.481	-.481	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,%]
121	M132	X	-.455	-.455	0	% 100
122	M132	Z	-.263	-.263	0	% 100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.281	-.281	0	% 100
2	M1	Z	-.486	-.486	0	% 100
3	M4	X	-.095	-.095	0	% 100
4	M4	Z	-.165	-.165	0	% 100
5	M10	X	-.241	-.241	0	% 100
6	M10	Z	-.418	-.418	0	% 100
7	M43	X	-.241	-.241	0	% 100
8	M43	Z	-.418	-.418	0	% 100
9	M46	X	-.481	-.481	0	% 100
10	M46	Z	-.833	-.833	0	% 100
11	M51B	X	0	0	0	% 100
12	M51B	Z	0	0	0	% 100
13	M52B	X	-.267	-.267	0	% 100
14	M52B	Z	-.463	-.463	0	% 100
15	M76	X	-.16	-.16	0	% 100
16	M76	Z	-.278	-.278	0	% 100
17	M77	X	0	0	0	% 100
18	M77	Z	0	0	0	% 100
19	M80	X	0	0	0	% 100
20	M80	Z	0	0	0	% 100
21	M84	X	-.16	-.16	0	% 100
22	M84	Z	-.278	-.278	0	% 100
23	M85	X	-.49	-.49	0	% 100
24	M85	Z	-.848	-.848	0	% 100
25	M91	X	-.516	-.516	0	% 100
26	M91	Z	-.894	-.894	0	% 100
27	M26	X	0	0	0	% 100
28	M26	Z	0	0	0	% 100
29	M27	X	-.281	-.281	0	% 100
30	M27	Z	-.486	-.486	0	% 100
31	M28	X	-.38	-.38	0	% 100
32	M28	Z	-.658	-.658	0	% 100
33	M29	X	0	0	0	% 100
34	M29	Z	0	0	0	% 100
35	M30	X	0	0	0	% 100
36	M30	Z	0	0	0	% 100
37	M31	X	0	0	0	% 100
38	M31	Z	0	0	0	% 100
39	M34	X	-.267	-.267	0	% 100
40	M34	Z	-.463	-.463	0	% 100
41	M35	X	-.267	-.267	0	% 100
42	M35	Z	-.463	-.463	0	% 100
43	M39	X	-.641	-.641	0	% 100
44	M39	Z	-1.111	-1.111	0	% 100
45	M40	X	-.49	-.49	0	% 100
46	M40	Z	-.848	-.848	0	% 100



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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, %]
47	M42	X	-.516	-.516	0	%100
48	M42	Z	-.894	-.894	0	%100
49	M44	X	-.641	-.641	0	%100
50	M44	Z	-1.111	-1.111	0	%100
51	M45	X	-.49	-.49	0	%100
52	M45	Z	-.848	-.848	0	%100
53	M47	X	-.516	-.516	0	%100
54	M47	Z	-.894	-.894	0	%100
55	M52A	X	-.095	-.095	0	%100
56	M52A	Z	-.165	-.165	0	%100
57	M53	X	-.241	-.241	0	%100
58	M53	Z	-.418	-.418	0	%100
59	M54	X	-.241	-.241	0	%100
60	M54	Z	-.418	-.418	0	%100
61	M55	X	-.481	-.481	0	%100
62	M55	Z	-.833	-.833	0	%100
63	M58A	X	-.267	-.267	0	%100
64	M58A	Z	-.463	-.463	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-.16	-.16	0	%100
68	M63	Z	-.278	-.278	0	%100
69	M64	X	-.49	-.49	0	%100
70	M64	Z	-.848	-.848	0	%100
71	M66	X	-.516	-.516	0	%100
72	M66	Z	-.894	-.894	0	%100
73	M68	X	-.16	-.16	0	%100
74	M68	Z	-.278	-.278	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	-.19	-.19	0	%100
80	M76A	Z	-.33	-.33	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-.19	-.19	0	%100
84	M78	Z	-.33	-.33	0	%100
85	MP3A	X	-.254	-.254	0	%100
86	MP3A	Z	-.44	-.44	0	%100
87	MP1A	X	-.254	-.254	0	%100
88	MP1A	Z	-.44	-.44	0	%100
89	MP4A	X	-.254	-.254	0	%100
90	MP4A	Z	-.44	-.44	0	%100
91	MP2A	X	-.254	-.254	0	%100
92	MP2A	Z	-.44	-.44	0	%100
93	MP3B	X	-.254	-.254	0	%100
94	MP3B	Z	-.44	-.44	0	%100
95	MP1B	X	-.254	-.254	0	%100
96	MP1B	Z	-.44	-.44	0	%100
97	MP4B	X	-.254	-.254	0	%100
98	MP4B	Z	-.44	-.44	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,%]
99	MP2B	X	-.254	-.254	0 %100
100	MP2B	Z	-.44	-.44	0 %100
101	MP3C	X	-.254	-.254	0 %100
102	MP3C	Z	-.44	-.44	0 %100
103	MP1C	X	-.254	-.254	0 %100
104	MP1C	Z	-.44	-.44	0 %100
105	MP4C	X	-.254	-.254	0 %100
106	MP4C	Z	-.44	-.44	0 %100
107	MP2C	X	-.254	-.254	0 %100
108	MP2C	Z	-.44	-.44	0 %100
109	M121	X	0	0	0 %100
110	M121	Z	0	0	0 %100
111	M122	X	-.222	-.222	0 %100
112	M122	Z	-.385	-.385	0 %100
113	M123	X	-.222	-.222	0 %100
114	M123	Z	-.385	-.385	0 %100
115	M126	X	-.263	-.263	0 %100
116	M126	Z	-.455	-.455	0 %100
117	M127	X	-.263	-.263	0 %100
118	M127	Z	-.455	-.455	0 %100
119	M131	X	-.263	-.263	0 %100
120	M131	Z	-.455	-.455	0 %100
121	M132	X	-.263	-.263	0 %100
122	M132	Z	-.455	-.455	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34	Y	-1.808	-4.259	0 .832
2	M34	Y	-4.259	-6.771	.832 1.665
3	M34	Y	-6.771	-7.938	1.665 2.497
4	M34	Y	-7.938	-6.325	2.497 3.329
5	M34	Y	-6.325	-3.336	3.329 4.162
6	M35	Y	-3.33	-6.292	0 .832
7	M35	Y	-6.292	-7.874	.832 1.665
8	M35	Y	-7.874	-6.635	1.665 2.497
9	M35	Y	-6.635	-4.064	2.497 3.329
10	M35	Y	-4.064	-1.601	3.329 4.162
11	M51B	Y	-1.807	-4.258	0 .832
12	M51B	Y	-4.258	-6.771	.832 1.665
13	M51B	Y	-6.771	-7.939	1.665 2.497
14	M51B	Y	-7.939	-6.325	2.497 3.329
15	M51B	Y	-6.325	-3.336	3.329 4.162
16	M52B	Y	-3.33	-6.293	0 .832
17	M52B	Y	-6.293	-7.874	.832 1.665
18	M52B	Y	-7.874	-6.634	1.665 2.497
19	M52B	Y	-6.634	-4.064	2.497 3.329
20	M52B	Y	-4.064	-1.601	3.329 4.162
21	M58A	Y	-1.597	-4.066	0 .832
22	M58A	Y	-4.066	-6.636	.832 1.665
23	M58A	Y	-6.636	-7.874	1.665 2.497
24	M58A	Y	-7.874	-6.293	2.497 3.329

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M58A	Y	-6.293	-3.33	3.329	4.162
26	M59A	Y	-3.329	-6.32	0	.832
27	M59A	Y	-6.32	-7.943	.832	1.665
28	M59A	Y	-7.943	-6.773	1.665	2.497
29	M59A	Y	-6.773	-4.256	2.497	3.329
30	M59A	Y	-4.256	-1.812	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34	Y	-3.979	-9.37	0	.832
2	M34	Y	-9.37	-14.895	.832	1.665
3	M34	Y	-14.895	-17.464	1.665	2.497
4	M34	Y	-17.464	-13.914	2.497	3.329
5	M34	Y	-13.914	-7.339	3.329	4.162
6	M35	Y	-7.325	-13.842	0	.832
7	M35	Y	-13.842	-17.324	.832	1.665
8	M35	Y	-17.324	-14.598	1.665	2.497
9	M35	Y	-14.598	-8.94	2.497	3.329
10	M35	Y	-8.94	-3.523	3.329	4.162
11	M58A	Y	-3.514	-8.944	0	.832
12	M58A	Y	-8.944	-14.6	.832	1.665
13	M58A	Y	-14.6	-17.322	1.665	2.497
14	M58A	Y	-17.322	-13.844	2.497	3.329
15	M58A	Y	-13.844	-7.326	3.329	4.162
16	M59A	Y	-7.323	-13.905	0	.832
17	M59A	Y	-13.905	-17.474	.832	1.665
18	M59A	Y	-17.474	-14.902	1.665	2.497
19	M59A	Y	-14.902	-9.363	2.497	3.329
20	M59A	Y	-9.363	-3.986	3.329	4.162
21	M51B	Y	-3.976	-9.367	0	.832
22	M51B	Y	-9.367	-14.896	.832	1.665
23	M51B	Y	-14.896	-17.465	1.665	2.497
24	M51B	Y	-17.465	-13.915	2.497	3.329
25	M51B	Y	-13.915	-7.34	3.329	4.162
26	M52B	Y	-7.325	-13.844	0	.832
27	M52B	Y	-13.844	-17.322	.832	1.665
28	M52B	Y	-17.322	-14.596	1.665	2.497
29	M52B	Y	-14.596	-8.941	2.497	3.329
30	M52B	Y	-8.941	-3.523	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N62	N60	N38	N39	Y	Two Way	-.005
2	N7	N87B	N87C	N6	Y	Two Way	-.005
3	N66	N67	N90	N88	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N62	N60	N38	N39	Y	Two Way	-.011

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
2	N66	N67	N90	N88	Y	Two Way	-.011
3	N7	N87B	N87C	N6	Y	Two Way	-.011

Envelope Joint Reactions

Joint	X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC		
1	N3	max	1143.734	10	2717.882	13	2110.139	1	6.061	1	1.257	4	.024	2
2		min	-1152.816	4	-17.442	7	-2271.07	7	-1.88	7	-1.279	10	-.164	20
3	N36	max	1849.666	9	2729.114	21	1506.237	1	.935	3	1.208	12	1.721	3
4		min	-1984.501	3	-55.74	3	-1416.667	7	-3.108	9	-1.227	6	-5.326	9
5	N64	max	1906.23	10	2548.012	17	1130.454	1	.965	11	1.086	8	5.068	5
6		min	-1760.324	4	-105.616	11	-1059.094	7	-2.907	5	-1.11	2	-1.538	11
7	Totals:	max	4804.476	10	7161.148	20	4746.831	1						
8		min	-4804.479	4	3280.484	2	-4746.831	7						

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

Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn	
1	M1	PIPE 3.0	.139	7.682	5	.134	7.813		8	28250.554	65205	5.749	5.749	2...	H1-1b
2	M4	HSS4X4X4	.386	0	1	.081	0	y	13	124657.7...	139518	16.181	16.181	2...	H1-1b
3	M10	HSS4X4X4	.179	2.375	14	.053	2.375	y	13	136263.03	139518	16.181	16.181	1...	H1-1b
4	M43	HSS4X4X4	.177	0	24	.057	0	y	13	136263.03	139518	16.181	16.181	1...	H1-1b
5	M46	PL1/2X6	.158	.516	1	.102	.516	y	3	66009.234	97200	1.012	12.15	1...	H1-1b
6	M51B	L2x2x3	.119	0	2	.013	0	y	17	9823.122	23392.8	.558	1.083	1...	H2-1
7	M52B	L2x2x3	.119	0	12	.012	0	y	21	9823.122	23392.8	.558	1.084	1...	H2-1
8	M76	PL3/8x6	.321	0	10	.317	0	y	17	70677.939	72900	.57	9.113	1...	H1-1b
9	M77	PL3/8x6	.210	.167	7	.363	0	y	13	71601.728	72900	.57	9.113	1...	H1-1b
10	M80	PL1/2X6	.068	.112	1	.105	.112	y	5	96757.507	97200	1.012	12.15	1...	H1-1b
11	M84	PL3/8x6	.340	0	4	.264	0	y	9	70677.939	72900	.57	9.113	1...	H1-1b
12	M85	PL3/8x6	.215	.167	7	.366	0	y	13	71601.728	72900	.57	9.113	1...	H1-1b
13	M91	PL1/2X6	.064	.112	1	.112	0	y	3	96757.507	97200	1.012	12.15	1...	H1-1b
14	M26	PIPE 3.0	.131	7.682	1	.141	4.687		2	28250.554	65205	5.749	5.749	2...	H1-1b
15	M27	PIPE 3.0	.139	7.812	9	.140	4.687		10	28250.554	65205	5.749	5.749	2...	H1-1b
16	M28	HSS4X4X4	.391	0	9	.100	0	y	45	124657.7...	139518	16.181	16.181	2...	H1-1b
17	M29	HSS4X4X4	.180	2.375	22	.053	2.375	y	21	136263.03	139518	16.181	16.181	1...	H1-1b
18	M30	HSS4X4X4	.177	0	20	.057	0	y	21	136263.03	139518	16.181	16.181	1...	H1-1b
19	M31	PL1/2X6	.166	.516	9	.099	.516	y	11	66009.234	97200	1.012	12.15	1...	H1-1b
20	M34	L2x2x3	.121	4.162	9	.013	0	y	13	9823.122	23392.8	.558	1.077	1...	H2-1
21	M35	L2x2x3	.121	0	8	.012	0	y	18	9823.122	23392.8	.558	1.084	1...	H2-1
22	M39	PL3/8x6	.301	0	6	.313	0	y	13	70677.939	72900	.57	9.113	1...	H1-1b
23	M40	PL3/8x6	.222	.167	3	.363	0	y	21	71601.728	72900	.57	9.113	1...	H1-1b
24	M42	PL1/2X6	.071	.112	9	.107	.112	y	1	96757.507	97200	1.012	12.15	1...	H1-1b
25	M44	PL3/8x6	.330	0	6	.256	0	y	17	70677.939	72900	.57	9.113	2...	H1-1b
26	M45	PL3/8x6	.219	.167	3	.366	0	y	21	71601.728	72900	.57	9.113	1...	H1-1b
27	M47	PL1/2X6	.065	.112	9	.106	0	y	11	96757.507	97200	1.012	12.15	1...	H1-1b
28	M52A	HSS4X4X4	.370	0	5	.093	0	y	28	124657.7...	139518	16.181	16.181	2...	H1-1b
29	M53	HSS4X4X4	.179	2.375	18	.052	2.375	y	16	136263.03	139518	16.181	16.181	1...	H1-1b
30	M54	HSS4X4X4	.179	0	16	.058	0	y	17	136263.03	139518	16.181	16.181	1...	H1-1b
31	M55	PL1/2X6	.162	.516	5	.090	.516	y	7	66009.234	97200	1.012	12.15	1...	H1-1b
32	M58A	L2x2x3	.119	0	6	.013	0	y	21	9823.122	23392.8	.558	1.084	1...	H2-1
33	M59A	L2x2x3	.123	0	4	.012	0	y	14	9823.122	23392.8	.558	1.084	1...	H2-1

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	
34	M63	PL3/8x6	.303	0	2	.326	0	y	21	70677.939	72900	.57	9.113	1...	H1-1b
35	M64	PL3/8x6	.215	.167	11	.361	0	y	17	71601.728	72900	.57	9.113	1...	H1-1b
36	M66	PL1/2X6	.068	.112	5	.107	.112	y	9	96757.507	97200	1.012	12.15	1...	H1-1b
37	M68	PL3/8x6	.321	0	8	.266	0	y	1	70677.939	72900	.57	9.113	1...	H1-1b
38	M69	PL3/8x6	.219	.167	11	.370	0	y	17	71601.728	72900	.57	9.113	1...	H1-1b
39	M71	PL1/2X6	.064	.112	5	.103	0	y	7	96757.507	97200	1.012	12.15	1...	H1-1b
40	M76A	PIPE 2.0	.389	7.734	6	.201	11.141		8	6212.315	32130	1.872	1.872	3...	H1-1b
41	M77A	PIPE 2.0	.402	7.734	2	.193	10.617		4	6212.315	32130	1.872	1.872	2...	H1-1b
42	M78	PIPE 2.0	.403	7.865	10	.191	11.01		11	6212.315	32130	1.872	1.872	3...	H1-1b
43	MP3A	PIPE 2.0	.502	5.74	4	.263	5.74		3	10899.277	32130	1.872	1.872	2...	H1-1b
44	MP1A	PIPE 2.0	.404	5.74	9	.253	1.88		7	10899.277	32130	1.872	1.872	1...	H1-1b
45	MP4A	PIPE 2.0	.394	4.968	5	.276	1.095		7	14678.314	32130	1.872	1.872	2...	H1-1b
46	MP2A	PIPE 2.0	.453	4.968	10	.134	2.442		6	14678.314	32130	1.872	1.872	2...	H1-1b
47	MP3B	PIPE 2.0	.531	5.74	9	.267	5.74		7	10899.277	32130	1.872	1.872	2...	H1-1b
48	MP1B	PIPE 2.0	.396	5.74	1	.248	1.88		11	10899.277	32130	1.872	1.872	1...	H1-1b
49	MP4B	PIPE 2.0	.406	4.968	9	.267	1.179		11	14678.314	32130	1.872	1.872	2...	H1-1b
50	MP2B	PIPE 2.0	.463	4.968	2	.151	4.968		10	14678.314	32130	1.872	1.872	1...	H1-1b
51	MP3C	PIPE 2.0	.490	5.74	12	.260	5.74		11	10899.277	32130	1.872	1.872	1...	H1-1b
52	MP1C	PIPE 2.0	.393	5.74	5	.258	1.88		3	10899.277	32130	1.872	1.872	2...	H1-1b
53	MP4C	PIPE 2.0	.401	4.968	1	.283	1.095		3	14678.314	32130	1.872	1.872	2...	H1-1b
54	MP2C	PIPE 2.0	.450	4.968	5	.142	2.442		2	14678.314	32130	1.872	1.872	2...	H1-1b
55	M121	L2.5x2.5x4	.531	1.131	8	.120	0	y	12	36981.124	38556	1.114	2.537	1...	H2-1
56	M122	L2.5x2.5x4	.554	1.131	4	.129	0	y	8	36981.124	38556	1.114	2.537	1...	H2-1
57	M123	L2.5x2.5x4	.511	1.131	12	.124	0	y	4	36981.124	38556	1.114	2.537	1...	H2-1

Envelope AISI S100-16: LRFD Cold Formed Steel Code Checks

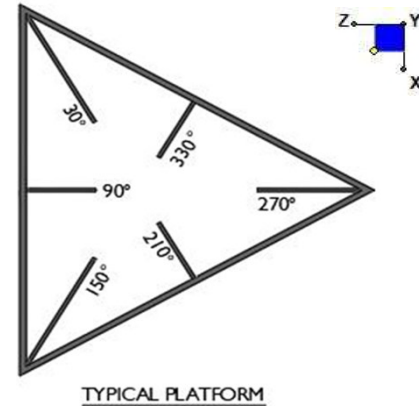
Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pn[lb]	phi*Tn[lb]	phi*Mny...	phi*Mnz...	phi*V...	phi*V...	Cb	Eqn
1	M126	1.25CS1...	.568	2.5	9	.081	2.5	y	1	7186.039	12696.52	.209	.382	1467...2934...	2.194	H1.2-1
2	M127	1.25CS1...	.525	2.5	9	.046	2.5	y	7	7186.039	12696.52	.209	.382	1467...2934...	2.11	H1.1-2
3	M131	1.25CS1...	.511	2.5	12	.063	2.5	y	7	7186.039	12696.52	.209	.382	1467...2934...	1.902	H1.1-2
4	M132	1.25CS1...	.479	2.5	6	.056	2.5	y	1	7186.039	12696.52	.232	.382	1467...2934...	1.897	H1.1-2



I. Mount-to-Tower Connection Check

RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N36	30
N64	150
N3	270



Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

d_x (in) (Delta X of typ. bolt config. sketch) :

d_y (in) (Delta Y of typ. bolt config. sketch) :

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

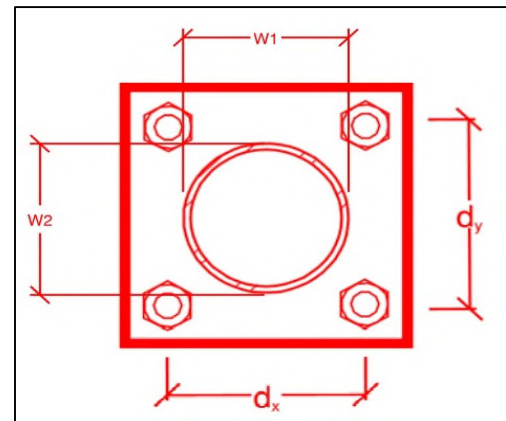
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

yes
4
6
6
A325N
0.625
26.8
4.7
20.7
12.4
32.4%*
9.5%



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

W1 (in):

W2 (in):

Fy (ksi, plate):

t_{plate} (in):

Weld Size (1/16 in):

$\Phi * R_n$ (kip/in):

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

Rect
8
8
4
4
36
0.75
8
11.14
3.61
37.0%
32.4%

Max Plate Bending Strengths

Mu_{xx} (kip-in) :	13.4
$\Phi * Mn_{xx}$ (kip-in) :	36.5
Mu_{yy} (kip-in) :	0.1
$\Phi * Mn_{yy}$ (kip-in) :	36.5

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – **Passing Mount Analysis**

Passing Mount Analysis requires a PMI due to a modification in loading.

Electronic pdf version of this can be downloaded at <https://pmi.vzwsmart.com>.

For additional questions and support, please reach out to pmisupport@colliersengineering.com

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

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

Base Requirements:

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

Photo Requirements:

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

- Photos showing each individual sector after installation. Each entire sector shall be in one photo to show the interconnection of members.
These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

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

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

Issue:

Response:

Contractor certifies that the climbing facility / safety climb was not damaged during installation:

- Yes

Comments:

- All hardware has been properly installed, and the existing hardware was inspected.
 - The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings and included in the material certification folder is a packing list or invoice for these materials.

Or:

- The material utilized was approved by a SMART Tool as an “equivalent” and this approval is included as part of the contractor submission.

Antenna & equipment placement and Geometry Confirmation:

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

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

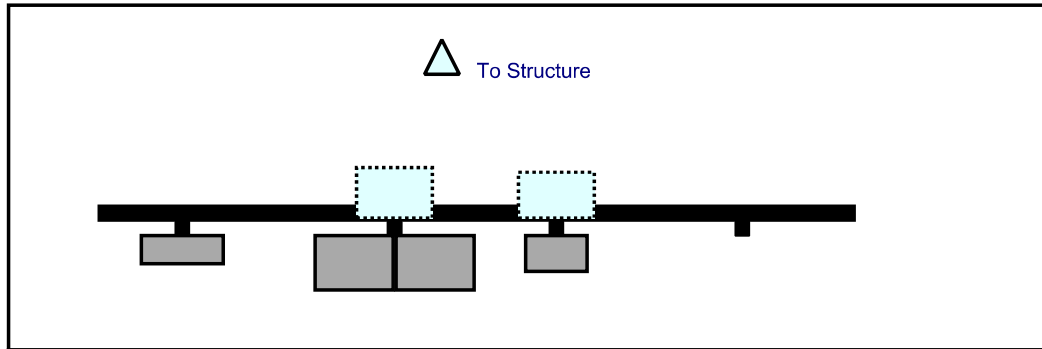
Special Instruction Confirmation:

The contractor has read and acknowledges the above special instructions.

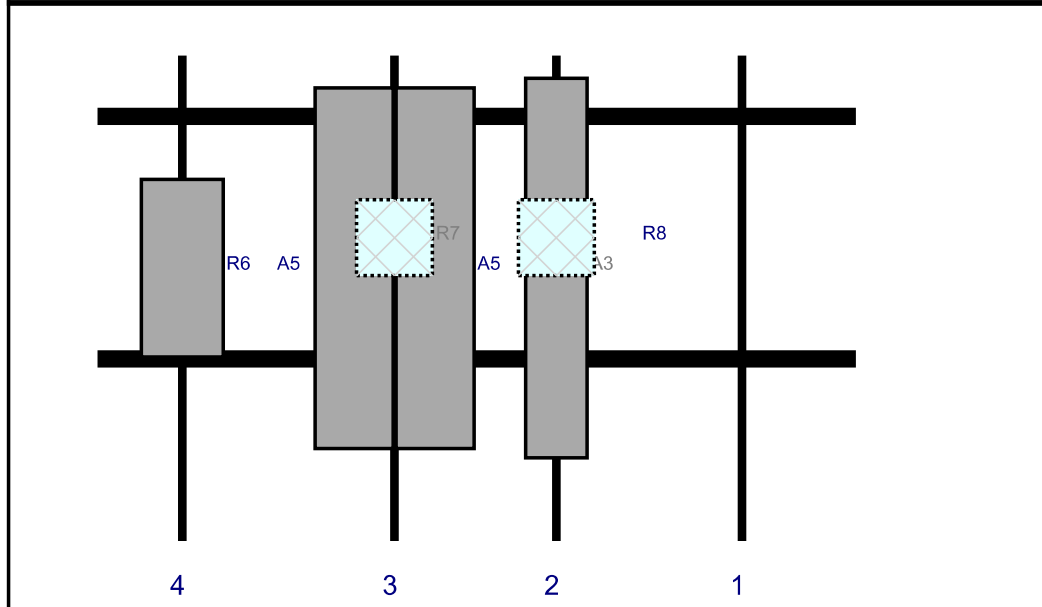
Certifying Individual:

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

Plan View

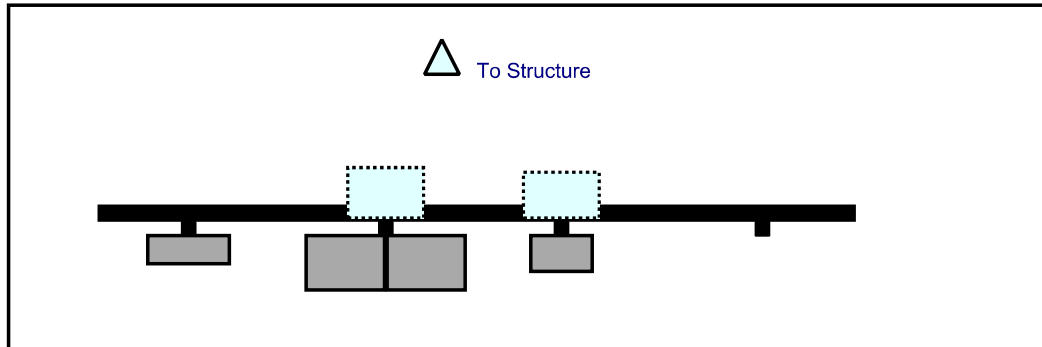


Front View
Looking at Structure

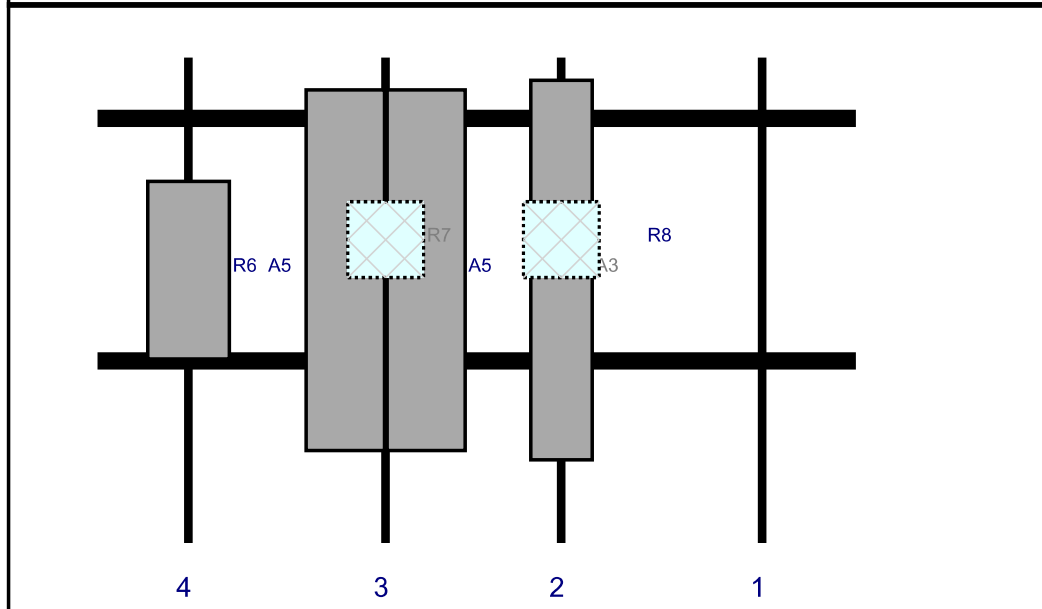


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	WWX063X19X00	75	12.1	90.75	2	a	Front	42	0	Retained	04/17/2021
R8	RF4440d-13A	15	15	90.75	2	a	Behind	36	0	Added	
A5	MX06FRO660-03	71.3	15.4	58.75	3	a	Front	42	-8	Added	
A5	MX06FRO660-03	71.3	15.4	58.75	3	b	Front	42	8	Added	
R7	RF4439d-25A	15	15	58.75	3	a	Behind	36	0	Added	
R6	MT6407-77A	35.1	16.1	16.75	4	a	Front	42	0	Added	

Plan View

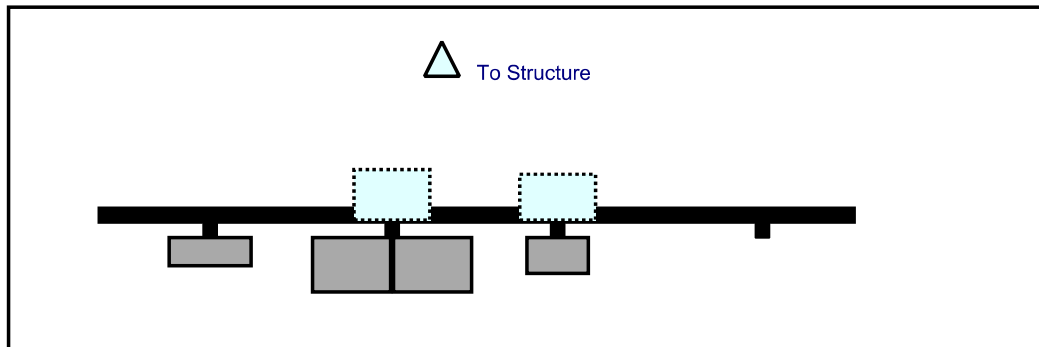


Front View
Looking at Structure

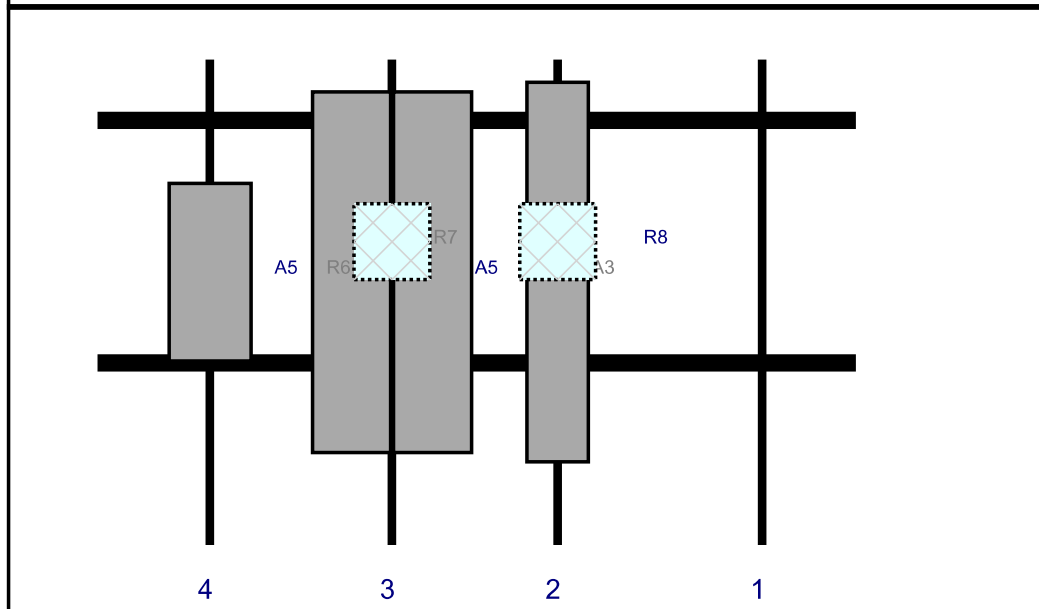


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	WWX063X19X00	75	12.1	91.75	2	a	Front	42	0	Retained	04/17/2021
R8	RF4440d-13A	15	15	91.75	2	a	Behind	36	0	Added	
A5	MX06FRO660-03	71.3	15.4	57	3	a	Front	42	-8	Added	
A5	MX06FRO660-03	71.3	15.4	57	3	b	Front	42	8	Added	
R7	RF4439d-25A	15	15	57	3	a	Behind	36	0	Added	
R6	MT6407-77A	35.1	16.1	18	4	a	Front	42	0	Added	

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	WWX063X19X00	75	12.1	91	2	a	Front	42	0	Retained	04/17/2021
R8	RF4440d-13A	15	15	91	2	a	Behind	36	0	Added	
A5	MX06FRO660-03	71.3	15.4	58.25	3	a	Front	42	-8	Added	
A5	MX06FRO660-03	71.3	15.4	58.25	3	b	Front	42	8	Added	
R7	RF4439d-25A	15	15	58.25	3	a	Behind	36	0	Added	
R6	MT6407-77A	35.1	16.1	22.25	4	a	Front	42	0	Added	



Subject

TIA-222-H Adoption and Wind Speed Usage

Site Information

Site ID: 469281-VZW / BETHEL EAST CT - A
Site Name: BETHEL EAST CT - A
Carrier Name: Verizon Wireless
Address: 62 Codfish Hill Road
Bethel, Connecticut 06801
Fairfield County
Latitude: 41.37429000°
Longitude: -73.37368416°

Structure Information

Tower Type: 150-Ft Monopole
Mount Type: 12.50-Ft Platform

To Whom It May Concern,

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

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

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

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

Sincerely,

Peter Albano, PE
Project Manager

ATTACHMENT 5

Summary

62 CODFISH HILL ROAD
STONE CLAUDIA EST OF

Parcel_ID: 65 57 122
[View Details](#)



lat:41.3793, long:-73.3758



Bethel, CT : Assessor Database

Property Search:

Parcel ID:	Alternate ID:	Owner 1 Name:	Street Number:	Street Name:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="..."/>

Property Detail:

Parcel ID:	Alternate ID/Map Block Lot:	Card:	Card:	Street Name:	Street Number:	Zoning:	LUC:	Acres:
65 57 122	R05874	1	1	CODFISH HILL ROAD	62	R-80	THREE FAMILY	49.85

Owner Information:

Owner 1 Name:	STONE CLAUDIA EST OF
Owner 2 Name:	
Street 1:	64 CODFISH HILL ROAD
Street 2:	
City:	BETHEL
State:	CT
Zip:	06801
Volume:	1089
Page:	591
Deed Date:	0000-00-00

Dwelling Information:

Living Units:	3
Style:	OLD STYLE
Exterior Wall:	FRAME
Story Height:	2.0
Attic:	UNFIN
Basement:	3/4

Property Images:

Picture:



Sketch:

ATTACHMENT 6



BETHEL EAST
Certificate of Mailing — Firm

Name and Address of Sender Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here <i>Postmark with Date of Receipt.</i>
	Postmaster, per (name of receiving employee) 		

USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Mathew Knickerbocker, First Selectman Town of Bethel Clifford J. Hurgin Municipal Center 1 School Street Bethel, CT 06801				
2.	Bath Cavagna, Town Planner/Director of Land Use, Planning and Zoning/Inland Wetlands Town of Bethel Clifford J. Hurgin Municipal Center 1 School Street Bethel, CT 06801				
3.	Estate of Claudia Stone 64 Codfish Road Bethel, CT 06801				
4.					
5.					
6.					

