

Derek Maheux Program Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Mobile: (508)649-3407
Dmaheux@clinellc.com

October 30, 2023

Melanie A. Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

**RE: Notice of Exempt Modification // Site: TOLLAND CT (ATC: 302495)
56 Ruops Road, Tolland, CT 06084
N 41.87334363 // W -72.33830603**

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains eighteen (18) antenna at the 140-ft level on the existing 155ft Tower, located at 56 Ruops Road, Tolland CT. The tower is owned by American Tower. Verizon Wireless proposed modification involves the installation of two (2) interference mitigation filters on Verizon Wireless existing antenna platform and mounting assembly.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §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 Bethany's Chief Elected Official and Land Use Officer.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated September 13, 2023, by A.T Engineering Services, LLC, a structural analysis dated September 5, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design dated July 23, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated October 18, 2023, by Tower Engineering Professionals.

1. The proposed modifications will not result in an increase in the height of the existing structure.
2. The proposed modifications 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 operation of the new antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis and a structural mount analysis, pursuant to certain conditions defined therein. Design and engineering are fully illustrated within final construction drawings.

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

Sincerely,

Derek Maheux

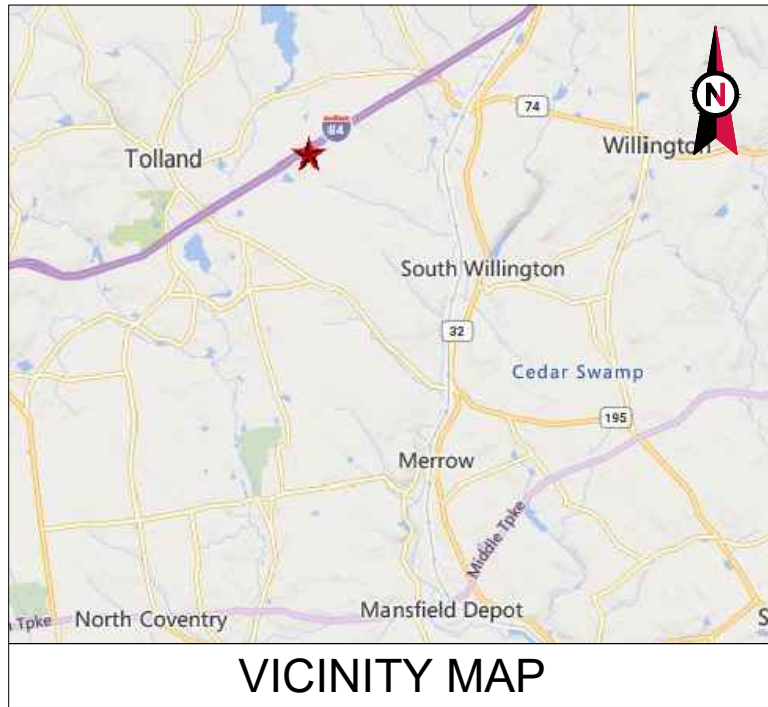
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Attachments: Exhibit 1 – Construction Drawings
Exhibit 2 – Property Card and GIS
Exhibit 3 – Structural Analysis
Exhibit 4 – Mount Analysis
Exhibit 5 – RF Emissions Analysis Report Evaluation
Exhibit 6 – Available Original Tower Approval Records
Exhibit 7 – Notice Deliver Confirmations

cc: Brian Foley – Town Manager – Chief Elected Official
David Corcoran – Director of Planning & Development - as P&Z official and ground owner
American Tower Corporation - as tower owner

EXHIBIT 1





VICINITY MAP



AMERICAN TOWER®

ATC SITE NAME: TOLLAND CT
 ATC SITE NUMBER: 302495
 VERIZON SITE NAME: TOLLAND CT
 VERIZON SITE NUMBER: 5000243488
 SITE ADDRESS: 56 RUOPS ROAD
 TOLLAND, CT 06084



LOCATION MAP

AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
 3500 REGENCY PARKWAY
 SUITE 100
 CARY, NC 27518
 PHONE: (919) 468-0112
 PEC.0001553

THE USE AND PUBLICATION OF THESE DRAWINGS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OR THE SPECIFIED CARRIER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION.

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	AP	09/13/23

ATC SITE NUMBER:
302495
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TOLLAND CT
 VERIZON SITE NAME:
TOLLAND CT
 SITE ADDRESS:
56 RUOPS ROAD
TOLLAND, CT 06084



VERIZON AMENDMENT DRAWINGS

COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION	SHEET INDEX				
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES. 1. 2020 NFPA 70, NATIONAL ELECTRIC CODE (NEC) 2. 2022 CONNECTICUT STATE BUILDING CODE 3. 2021 INTERNATIONAL BUILDING CODE (IBC) DESIGN CRITERIA FROM TOWER STRUCTURAL ANALYSIS: BASIC WIND SPEED: 118 MPH (3-SECOND GUST) BASIC WIND SPEED W/ ICE: 50 MPH (3-SECOND GUST) W/ 1.50" RADIAL ICE CONCURRENT CODE(S): ANSITIA-222-H / 2021 IBC / 2022 CONNECTICUT STATE BUILDING CODE EXPOSURE CATEGORY: B RISK CATEGORY: II TOPO FACTOR PROCEDURE: METHOD 1 TOPOGRAPHIC CATEGORY: 1 SPECTRAL RESPONSE: S _s =0.18, S _w =0.06 SITE CLASS: D - STIFF SOIL- DEFAULT INFORMATION TAKEN FROM STRUCTURAL ANALYSIS COMPLETED BY ATC, DATED 09/05/23.	<u>SITE ADDRESS:</u> 56 RUOPS ROAD TOLLAND, CT 06084 COUNTY: TOLLAND <u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 41.87334363 LONGITUDE: -72.33830603 GROUND ELEVATION: 695' AMSL	THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW: INSTALL (1) DUAL SWIVEL MOUNT AND (2) FILTER(S) EXISTING (18) ANTENNA(S), (6) RRR(S), (6) DIPLEXER(S), (2) OVP(S), (12) 1 5/8" COAX AND (2) 1 5/8" HYBRID CABLE(S) TO REMAIN	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
	<u>PROJECT TEAM</u> <u>TOWER OWNER:</u> AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801 <u>ENGINEER:</u> ATC TOWER SERVICES, LLC 3500 REGENCY PKWY STE 100 CARY, NC 27518 <u>PROPERTY OWNER:</u> VINCENT RUOPS 56 RUOPS ROAD TOLLAND, CT 06084	PROJECT NOTES 1. THE FACILITY IS UNMANNED. 2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. 3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. 4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED. 6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).	G-001 TITLE SHEET G-002 GENERAL NOTES C-101 DETAILED SITE PLAN C-201 TOWER ELEVATION C-401 ANTENNA INFORMATION & SCHEDULE C-501 CONSTRUCTION DETAILS E-501 GROUNDING DETAILS R-601 SUPPLEMENTAL				
<u>UTILITY COMPANIES</u> POWER COMPANY: CONNECTICUT LIGHT & POWER PHONE: (800) 322-3223 TELEPHONE COMPANY: FRONTIER COMMUNICATIONS PHONE: (800) 921-8102	<u>PROJECT LOCATION DIRECTIONS</u> FROM HARTFORD TAKE I-84 E TO EXIT 68. TURN RIGHT ONTO RT 195. AT LIGHT TURN LEFT ON RHODES RD (ABOUT .3 MILES) FOLLOW FOR 2 MILES THEN TURN LEFT ON KATE RD. FOLLOW FOR ABOUT .8 MILES AND TURN LEFT ON RUOPS RD. ACCESS ROAD IS AT THE END.	<u>CONTRACTOR PMI REQUIREMENTS</u> PMI ACCESSED AT: HTTPS://PMI.VZWSMART.COM SMART TOOL VENDOR PROJECT NUMBER: 10207613 VZW LOCATION CODE (PSLC): 5000243488 ***PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT MOUNT MODIFICATION REQUIRED: NO VZW APPROVED SMART KIT VENDORS: REFER TO MOUNT MODIFICATION DRAWINGS PAGES FOR VZW SMART KIT APPROVED VENDORS					



ATC JOB NO: 14519458_GO
 CUSTOMER ID: TOLLAND CT
 CUSTOMER #: 5000243488

TITLE SHEET

SHEET NUMBER: **G-001**
 REVISION: **0**



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GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
 - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
 - B. AC/TELCO INTERFACE BOX (PPC)
 - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
 - D. TOWERS, MONOPOLES
 - E. TOWER LIGHTING
 - F. GENERATORS & LIQUID PROPANE TANK
 - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
 - H. ANTENNAS (INSTALLED BY OTHERS)
 - I. TRANSMISSION LINE
 - J. TRANSMISSION LINE JUMPERS
 - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
 - L. TRANSMISSION LINE GROUND KITS
 - M. HANGERS
 - N. HOISTING GRIPS
 - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSIEIA/NTIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.

22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. WHEN THE PROJECT SCOPE REQUIRES THE USE OF THE SAFETY CLIMB, THE GENERAL CONTRACTOR SHALL ENSURE THE SAFETY CLIMB IS FREE OF OBSTRUCTIONS, NOT RUBBING ON OR TRAPPED BY ANY INSTALLED CUSTOMER EQUIPMENT, IS VISUALLY TAUT, MEETS MANUFACTURER INSTALLATION SPECIFICATIONS, AND IS FIRMLY SECURED AT ALL CABLE GUIDE LOCATIONS UPON PROJECT COMPLETION.
29. COMPLETION OF PROJECT SHALL NOT OBSTRUCT, TRAP, LOOSEN, OR OTHERWISE CAUSE FAILURE TO MEET MANUFACTURER INSTALLATION REQUIREMENTS FOR THE SAFETY CLIMB.
30. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
31. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
32. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE VERIZON REP. ANY WORK FOUND BY THE VERIZON REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
33. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
34. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
35. VERIZON OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO VERIZON OR THEIR ARCHITECT/ENGINEER.

B. ALL COAXIAL/HYBRID CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL/HYBRID CABLE (NOT WITHIN BENDS)

SPECIAL CONSTRUCTION

ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
 - A. ANTENNA AND COAXIAL/HYBRID CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL.
 - B. INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND VERIZON SPECIFICATIONS.
 - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.
 - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
 - E. INSTALL COAXIAL/HYBRID CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL/HYBRID CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
2. ANTENNA AND COAXIAL/HYBRID CABLE GROUNDING:
 - A. ALL EXTERIOR #6 GREEN GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.



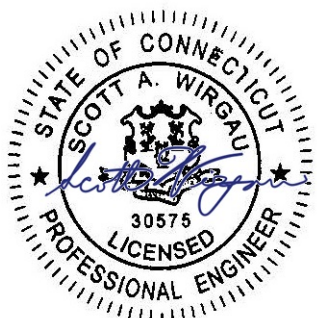
AMERICAN TOWER®
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ATC SITE NUMBER:
 302495
 ATC SITE NAME:
 TOLLAND CT
 VERIZON SITE NAME:
 TOLLAND CT
 SITE ADDRESS:
 56 RUOPS ROAD
 TOLLAND, CT 06084

SEAL:



Digitally Signed: 2023-09-14



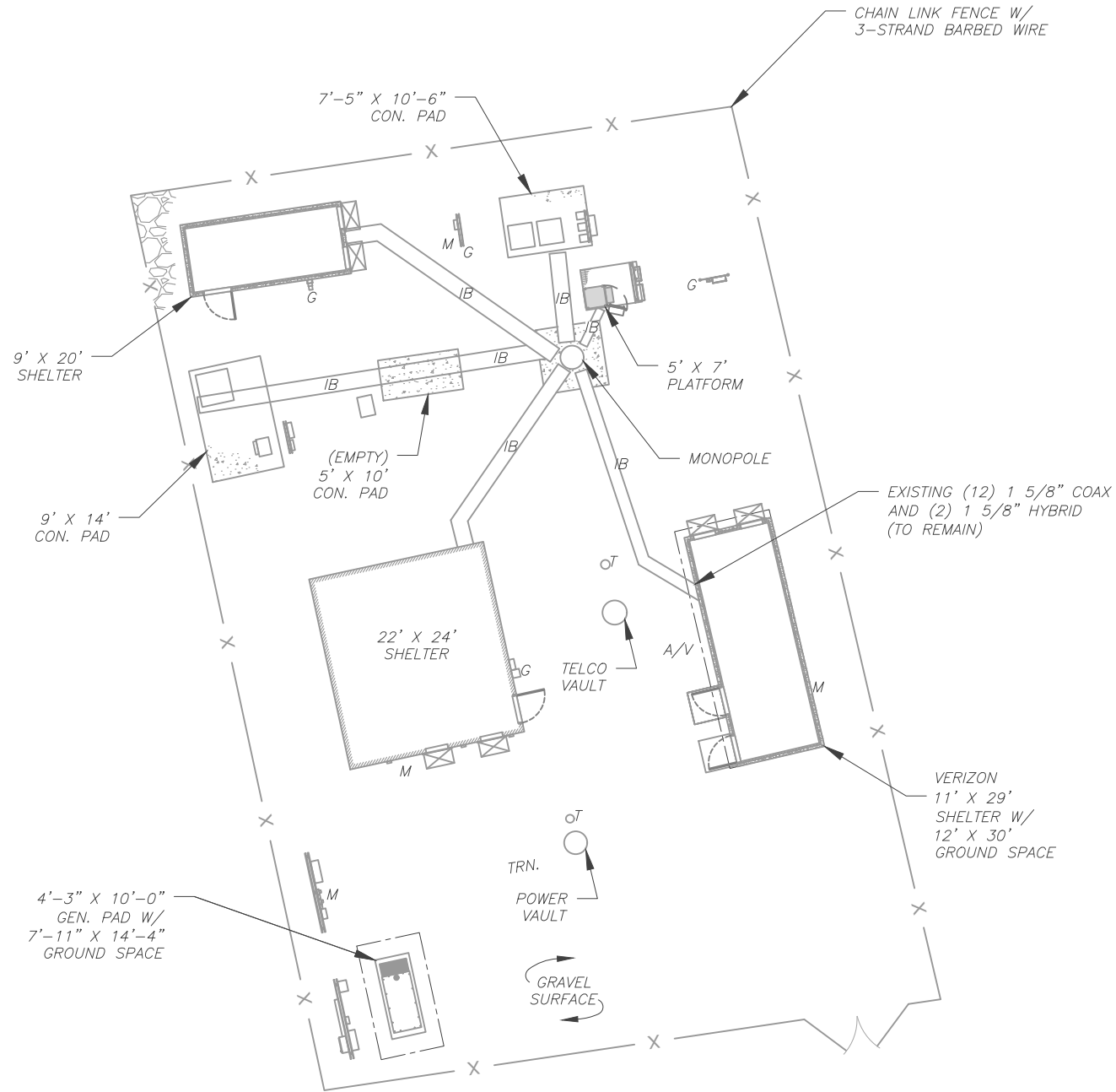
ATC JOB NO:	14519458_GO
CUSTOMER ID:	TOLLAND CT
CUSTOMER #:	5000243488

GENERAL NOTES

SHEET NUMBER: G-002	REVISION: 0
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SITE PLAN NOTES:

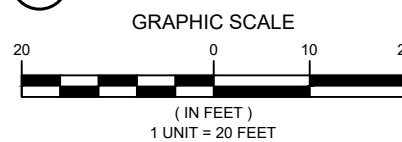
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
3. NO ELECTRICAL SCOPE IS INCLUDED IN THIS PROJECT.



LEGEND

⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACLE
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
—	CHAINLINK FENCE

1 DETAILED SITE PLAN




AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
 3500 REGENCY PARKWAY
 SUITE 100
 CARY, NC 27518
 PHONE: (919) 468-0112
 PEC.0001553

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 TOLLAND, CT 06084



Digitally Signed: 2023-09-14



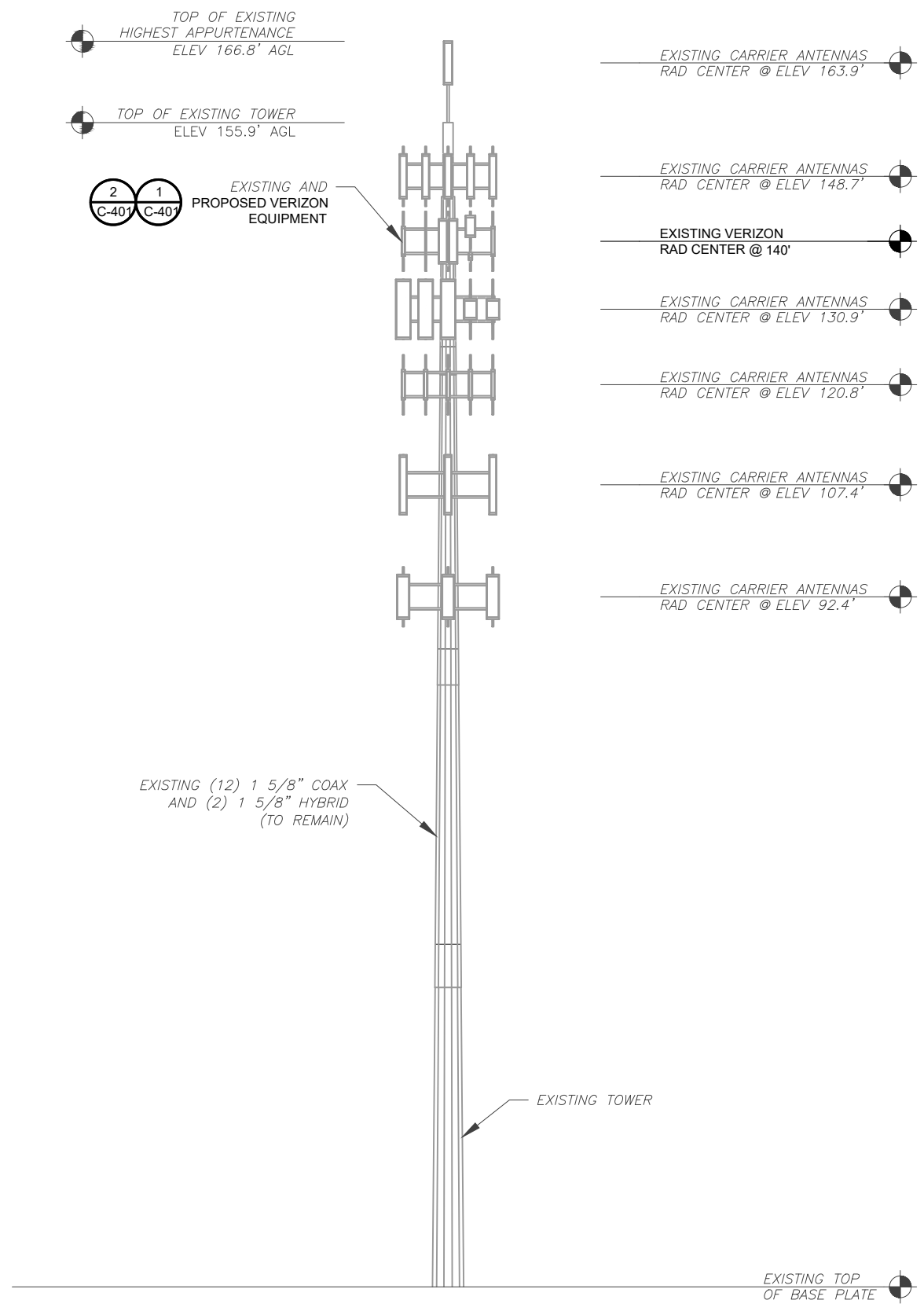
ATC JOB NO:	14519458_G0
CUSTOMER ID:	TOLLAND CT
CUSTOMER #:	5000243488

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

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PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 07/23/23, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



1 TOWER ELEVATION
SCALE: N.T.S.

TOWER NOTE:

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
- TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)
- TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.

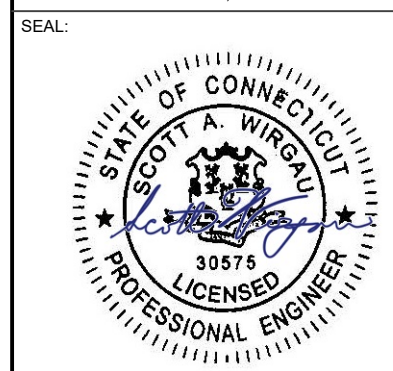


AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
PEC.0001553

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	AP	09/13/23

ATC SITE NUMBER:
302495
ATC SITE NAME:
TOLLAND CT
VERIZON SITE NAME:
TOLLAND CT
SITE ADDRESS:
56 RUOPS ROAD
TOLLAND, CT 06084



Digitally Signed: 2023-09-14

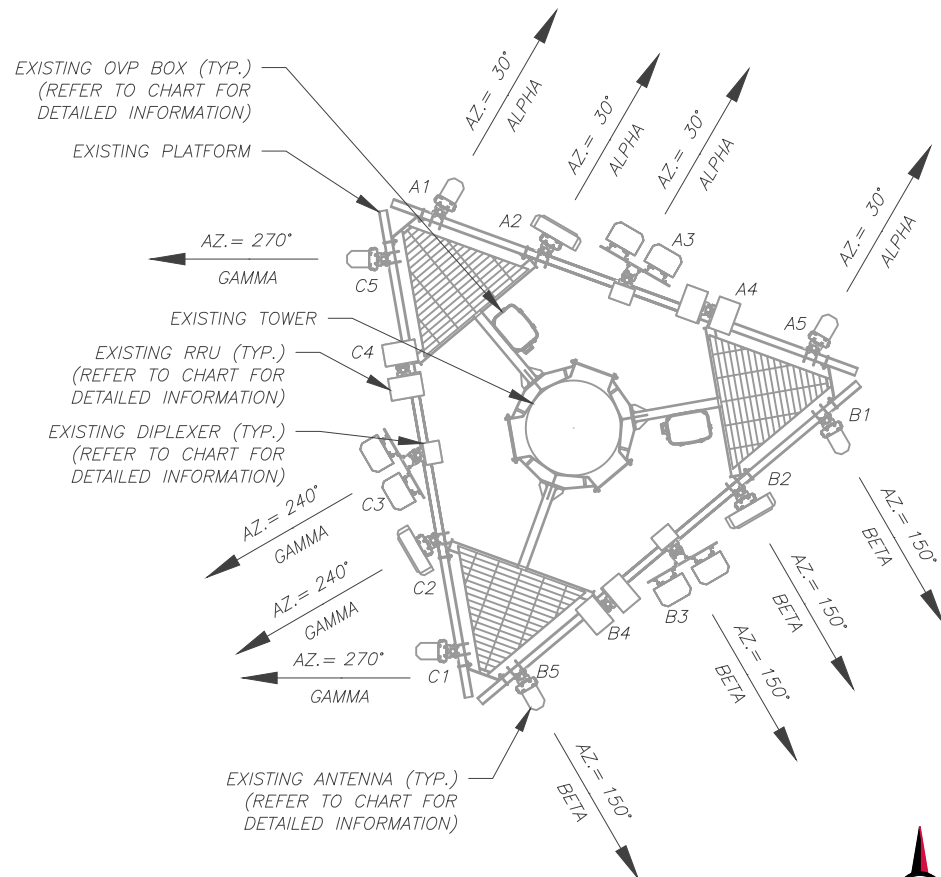


ATC JOB NO:	14519458_GO
CUSTOMER ID:	TOLLAND CT
CUSTOMER #:	5000243488

TOWER ELEVATION

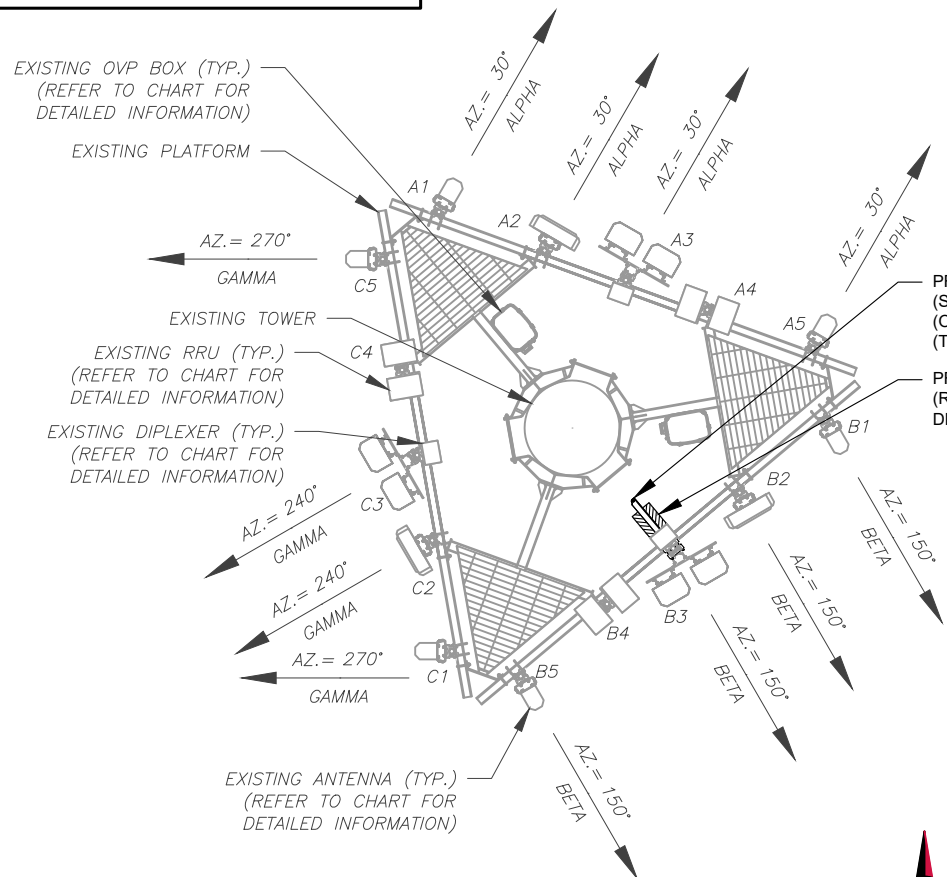
SHEET NUMBER: C-201	REVISION: 0
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1 EXISTING ANTENNA PLAN
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 07/23/23, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



2 FINAL ANTENNA PLAN
SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE									
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY		
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS	
ALPHA	140'	30°	A1	SC 9012	-	RMN	-	-	
			A2	MT6407-77A	-	RMN	-	-	
			A3	XXDWMM-12.5-65-8T-CBRS	-	RMN	-	-	
			A4	(2) JAHH-65B-R3B	-	RMN	(2) CBC78T-DS-43-2X	RMN	
			A5	SC 9012	-	RMN	-	-	
BETA	140'	150°	B1	APL868013-42T0-00	-	RMN	-	-	
			B2	MT6407-77A	-	RMN	-	-	
			B3	XXDWMM-12.5-65-8T-CBRS	-	RMN	-	-	
			B4	(2) JAHH-65B-R3B	-	RMN	(2) CBC78T-DS-43-2X	RMN	
			B5	APL868013-42T0-00	-	RMN	-	-	
GAMMA	140'	240°	C1	APL868013-42T0-00	-	RMN	-	-	
			C2	MT6407-77A	-	RMN	-	-	
			C3	XXDWMM-12.5-65-8T-CBRS	-	RMN	-	-	
			C4	(2) JAHH-65B-R3B	-	RMN	(2) CBC78T-DS-43-2X	RMN	
		270°	C5	APL868013-42T0-00	-	RMN	-	-	

NOTES

- CONFIRM WITH VERIZON REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
- CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.

STATUS ABBREVIATIONS

RMV: TO BE REMOVED
RMN: TO REMAIN
REL: TO BE RELOCATED
ADD: TO BE ADDED

CABLE LENGTHS FOR JUMPERS

JUNCTION BOX TO RRU: 15'
RRU TO ANTENNA: 10'

FINAL ANTENNA SCHEDULE									
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY		
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS	
ALPHA	140'	30°	A1	SC 9012	-	RMN	-	-	
			A2	MT6407-77A	-	RMN	-	-	
			A3	XXDWMM-12.5-65-8T-CBRS	-	RMN	-	-	
			A4	(2) JAHH-65B-R3B	-	RMN	(2) CBC78T-DS-43-2X	RMN	
			A5	SC 9012	-	RMN	-	-	
BETA	140'	150°	B1	SC 9012	-	RMN	-	-	
			B2	MT6407-77A	-	RMN	-	-	
			B3	XXDWMM-12.5-65-8T-CBRS	-	RMN	-	-	
			B4	(2) JAHH-65B-R3B	-	RMN	(2) KA-6030 (2) CBC78T-DS-43-2X	ADD RMN	
			B5	SC 9012	-	RMN	-	-	
GAMMA	140'	240°	C1	SC 9012	-	RMN	-	-	
			C2	MT6407-77A	-	RMN	-	-	
			C3	XXDWMM-12.5-65-8T-CBRS	-	RMN	-	-	
			C4	(2) JAHH-65B-R3B	-	RMN	(2) CBC78T-DS-43-2X	RMN	
		270°	C5	APL868013-42T0-00	-	RMN	-	-	

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
(2) RRFDC-3315-PF-48	RMN	(12) 1 5/8" COAX AND (2) 1 5/8" HYBRID	RMN

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
(2) RRFDC-3315-PF-48	RMN	(12) 1 5/8" COAX AND (2) 1 5/8" HYBRID	RMN

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	AP	09/13/23
1			
2			
3			
4			

ATC SITE NUMBER:
302495
ATC SITE NAME:
TOLLAND CT
VERIZON SITE NAME:
TOLLAND CT
SITE ADDRESS:
56 RUOPS ROAD
TOLLAND, CT 06084

SEAL:

Digitally Signed: 2023-09-14

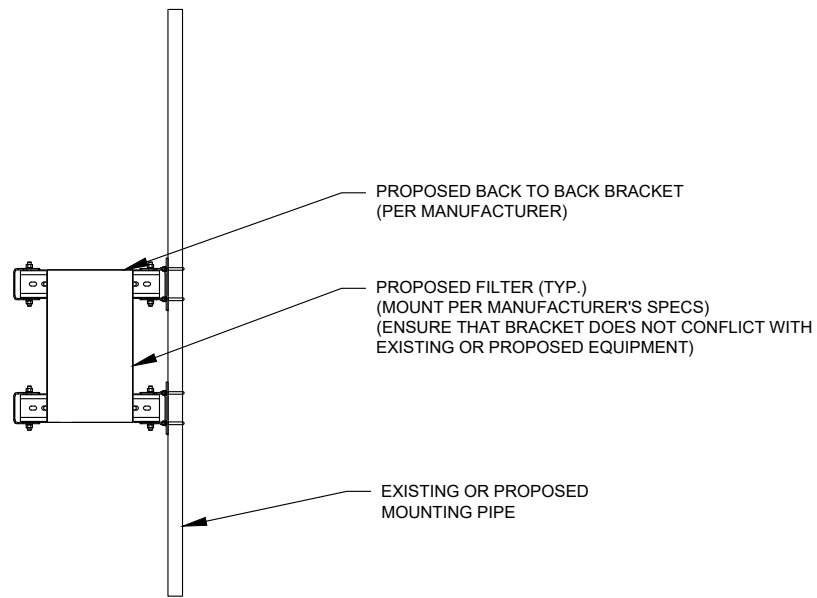
ATC JOB NO: 14519458_GO
CUSTOMER ID: TOLLAND CT
CUSTOMER #: 5000243488

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER: **C-401**
REVISION: **0**

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EXISTING/PROPOSED MOUNTS AND/OR MOUNT MODIFICATIONS NOT SHOWN FOR CLARITY. REFER TO ANTENNA PLANS, MOUNT ANALYSES AND/OR MOUNT MODIFICATION DOCUMENTS FOR ADDITIONAL DETAIL.



1 PROPOSED FILTER MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.



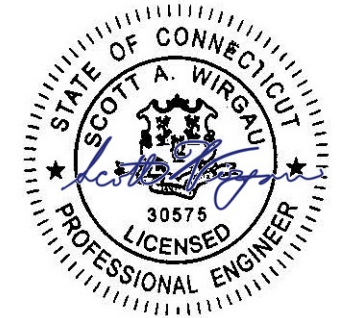
AMERICAN TOWER®
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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	AP	09/13/23

ATC SITE NUMBER:
302495
 ATC SITE NAME:
TOLLAND CT
 VERIZON SITE NAME:
TOLLAND CT
 SITE ADDRESS:
56 RUOPS ROAD
TOLLAND, CT 06084

SEAL:



Digitally Signed: 2023-09-14

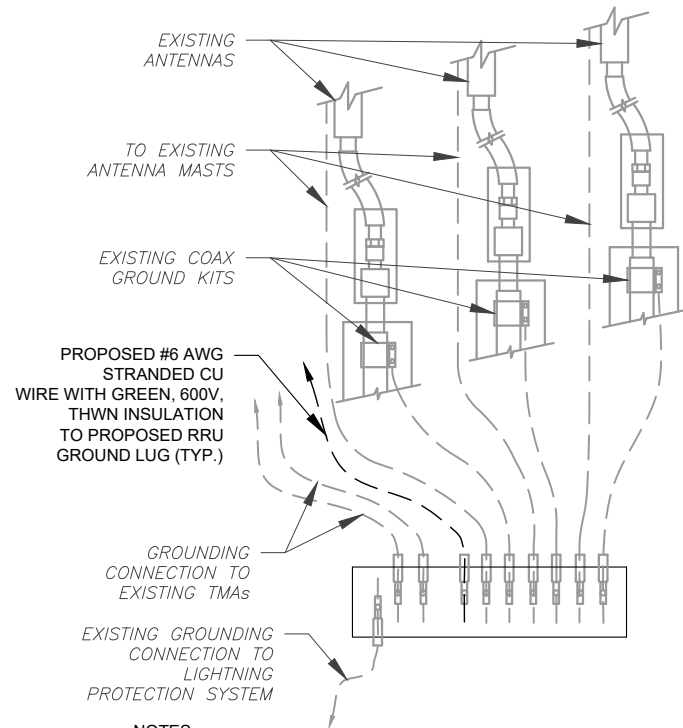


ATC JOB NO: 14519458_G0
 CUSTOMER ID: TOLLAND CT
 CUSTOMER #: 5000243488

**CONSTRUCTION
DETAILS**

SHEET NUMBER: **C-501** REVISION: **0**

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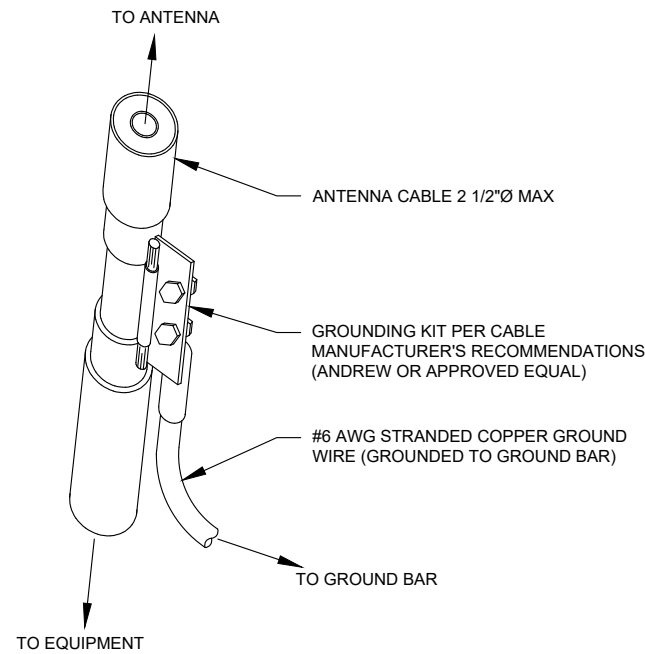


NOTES:

1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
2. SITE GROUNDING SHALL COMPLY WITH VERIZON GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

1 TYPICAL ANTENNA GROUNDING DIAGRAM

SCALE: N.T.S.

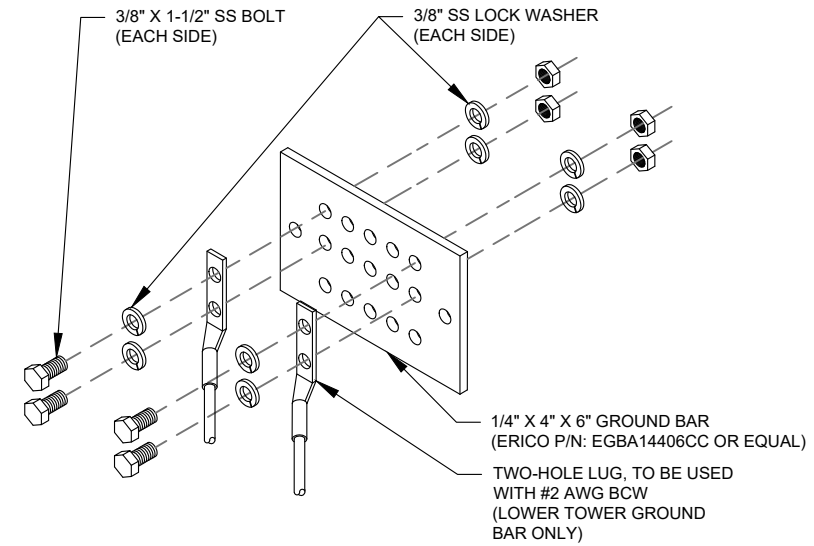


GROUND KIT NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

2 CABLE GROUND KIT CONNECTION DETAIL

SCALE: N.T.S.



GROUND BAR NOTES:

1. GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
2. GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

3 TOWER GROUND BAR DETAIL

SCALE: N.T.S.



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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	AP	09/13/23

ATC SITE NUMBER:

302495

ATC SITE NAME:

TOLLAND CT

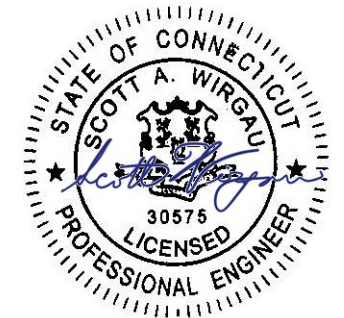
VERIZON SITE NAME:

TOLLAND CT

SITE ADDRESS:

56 RUOPS ROAD
 TOLLAND, CT 06084

SEAL:



Digitally Signed: 2023-09-14



ATC JOB NO: 14519458_G0

CUSTOMER ID: TOLLAND CT

CUSTOMER #: 5000243488

GROUNDING DETAILS

SHEET NUMBER:

E-501

REVISION:

0



Colliers Engineering & Design CT, P.C.
 1055 Washington Blvd
 Stamford, CT 06901
 203.324.0800
 peter.albano@collierseng.com

Mount Structural Analysis Report
 (1) 11.00-Ft Platform

July 23, 2023
 Site ID: 5000243488-VZW / TOLLAND CT
 Page | 5

Requirements:

The existing mount is **SUFFICIENT** for the final loading configuration shown in attachment 2 and do not require modifications. Additional requirements are noted below.

Contractor shall ensure the existing OVP mount pipe is positively connected to the existing channel flanges with clip angles and U-bolts. Contractor shall lower down both OVP units to make sure they have 18" max. above existing channel members.

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

Attachments:

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207613
 Colliers Engineering & Design Project #: 23777187

July 23, 2023

Site Information

Site ID: 5000243488-VZW / TOLLAND CT
 Site Name: TOLLAND CT
 Carrier Name: Verizon Wireless
 Address: 5 Ruops Road
 Tolland, Connecticut 06084
 Tolland County
 Latitude: 41.873319°
 Longitude: -72.338292°

Structure Information

Tower Type: 150-Ft Monopole
 Mount Type: 11.00-Ft Platform

FUZE ID # 17123750

Analysis Results

Pass: 97.3% Pass*

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

*****Contractor PMI Requirements:**

Included at the end of this MA report
 Available & Submitted via portal at <https://pmi.vzwsmart.com>

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

Report Prepared By: Grant Walters



NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. PLEASE REFERENCE THE MOUNT ANALYSIS REPORT FOR COMPLETE MOUNT ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO VERIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONSTRUCTION.

SUPPLEMENTAL

SHEET NUMBER: R-601	REVISION: 0
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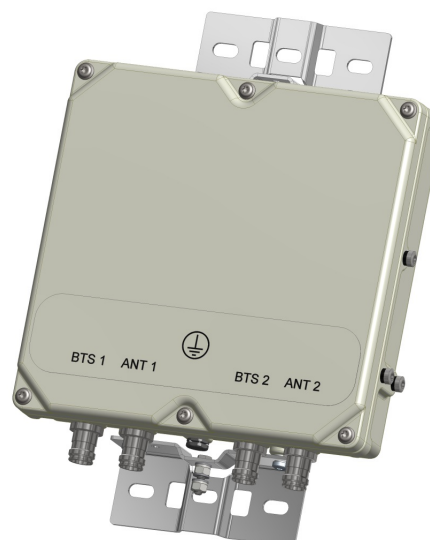
KA-6030

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

The KA-6030 is ideal for co-located 700, 850 and 900 networks. Utilising a 2.6MHz guardband the KA-6030 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the KA-6030 contains two identical bandstop filters, suitable for 2x2 MIMO configuration, offering excellent insertion loss, group delay and rejection.

FEATURES

- Passes full 700 and 850 bands
- Low insertion loss
- Rejection of 900MHz uplink
- DC/AISG pass
- Twin unit
- Dual twin mounting available



TECHNICAL SPECIFICATIONS

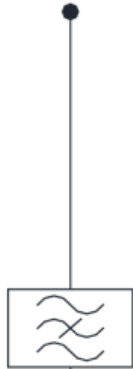
BAND NAME	700 PATH / 850 UPLINK PATH	850 DOWNLINK PATH
Passband	698 - 849MHz	869 - 891.5MHz
Insertion loss	0.1dB typical / 0.3dB maximum	0.5dB typical, 1.45dB maximum
Return loss	24dB typical, 18dB minimum	
Maximum input power (Per Port)	100W average	200W average and 66W per 5MHz
Rejection	53dB minimum @ 894.1 - 896.5MHz	
ELECTRICAL		
Impedance	50Ohms	
Intermodulation products	-160dBc maximum in UL Band (assuming 20MHz Signal), with 2 x 43dBm carriers -153dBc maximum with 2 x 43dBm	
DC / AISG		
Passband	0 - 13MHz	
Insertion loss	0.3dB maximum	
Return loss	15dB minimum	
Input voltage range	± 33V	
DC current rating	2A continuous, 4A peak	
Compliance	3GPP TS 25.461	
ENVIRONMENTAL		
For further details of environmental compliance, please contact Kaelus.		
Temperature range	-20°C to +60°C -4°F to +140°F	
Ingress protection	IP67	
Altitude	2600m 8530ft	
Lightning protection	RF port: ±5kA maximum (8/20us), IEC 61000-4-5 – Unit must be terminated with some lightning protection circuits.	
MTBF	>1,000,000 hours	
Compliance	ETSI EN 300 019 class 4.1H, RoHS, NEBS GR-487-CORE	
MECHANICAL		
Dimensions H x D x W	269 x 277 x 80mm 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)	
Weight	8.0 kg 17.6 lbs (no bracket)	
Finish	Powder coated, light grey (RAL7035)	
Connectors	RF: 4.3-10 (F) x 4	
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter poles or custom bracket. See ordering information.	

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
KA-6030-2032	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)

ELECTRICAL BLOCK DIAGRAM

ANT1



BTS1

ANT2



BTS2

MECHANICAL BLOCK DIAGRAM

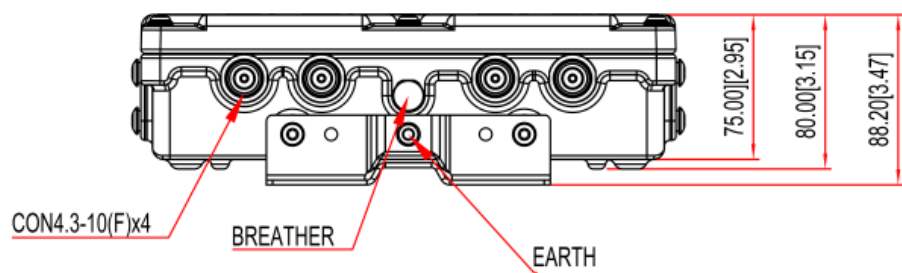
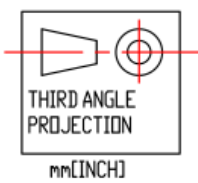
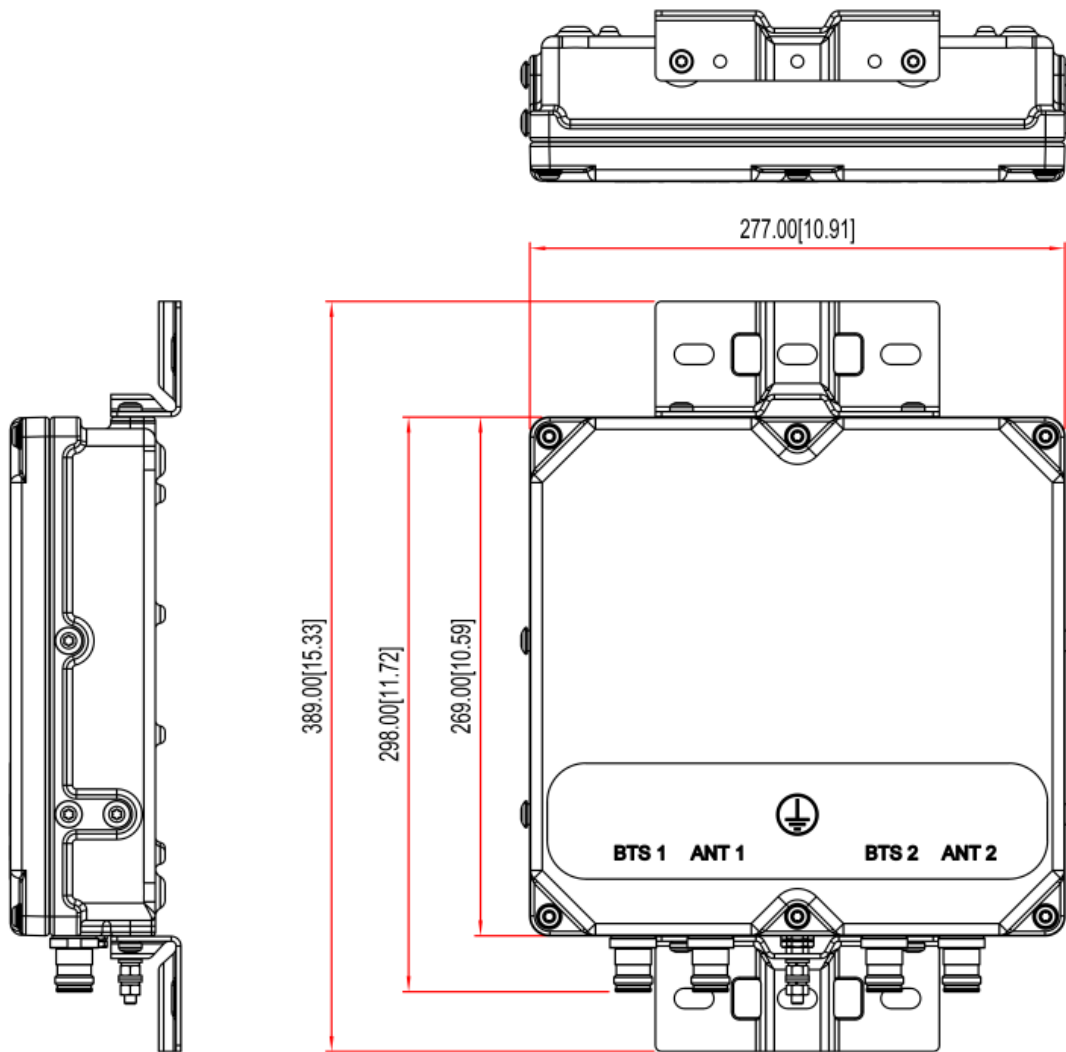


EXHIBIT 2



56 RUOPS ROAD

Location 56 RUOPS ROAD

Mblu 23/ E/ 51/ /

Acct# 5384

Owner TOWN OF TOLLAND

Assessment \$1,543,600

Appraisal \$2,205,000

PID 3892

Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2022	\$191,700	\$2,013,300	\$2,205,000

Assessment			
Valuation Year	Improvements	Land	Total
2022	\$134,300	\$1,409,300	\$1,543,600

Owner of Record

Owner TOWN OF TOLLAND
Co-Owner C/O SPECTRASITE COMMUNICATIONS
Address PO BOX 723597
ATLANTA, GA 31139

Sale Price \$0
Certificate
Book & Page 0819/0081
Sale Date 04/24/2003
Instrument 15

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
TOWN OF TOLLAND	\$0		0819/0081	15	04/24/2003

Building Information

Building 1 : Section 1

Year Built:
Living Area: 0
Replacement Cost: \$0
Building Percent Good:
Replacement Cost
Less Depreciation: \$0

Building Attributes	
Field	Description

Style:	Outbuildings
Model	
Grade:	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Num Kitchens	
Cndtn	
Func Code	
Econ Code	
Num Park	
Fireplaces	
Solar	
Solar Type	
Fndtn Cndtn	
Basement	

Building Photo



(<https://images.vgsi.com/photos/TollandCTPhotos/\00\00\63\46.jpg>)

Building Layout

 Building Layout (ParcelSketch.ashx?pid=3892&bid=3930)

Building Sub-Areas (sq ft)	<u>Legend</u>
No Data for Building Sub-Areas	

Extra Features

Extra Features	<u>Legend</u>
No Data for Extra Features	

Land

Land Use

Use Code 300V
Description Industrial
Zone RDD
Neighborhood 350C
Alt Land Appr No
Category

Land Line Valuation

Size (Acres) 0.78
Frontage 2973
Depth
Assessed Value \$1,409,300
Appraised Value \$2,013,300

Outbuildings

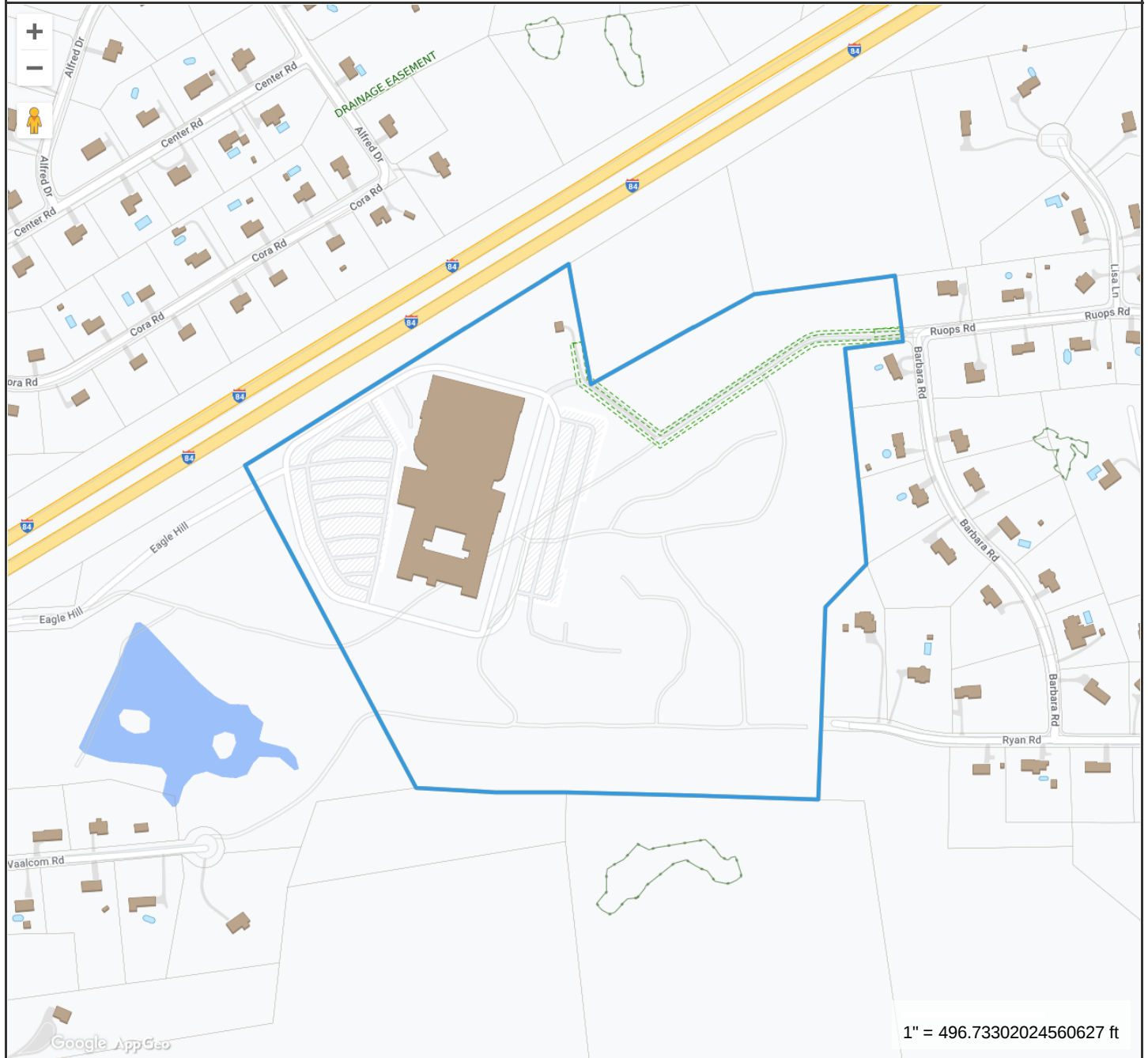
Outbuildings						Legend
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
FN	FENCE	CL8	8' Chain Link	380.00 L.F.	\$3,800	1
SHD	SHED	CL	Cell Shed	220.00 S.F.	\$35,800	1
SHD	SHED	CL	Cell Shed	576.00 S.F.	\$93,600	1
SHD	SHED	CL	Cell Shed	360.00 S.F.	\$58,500	1

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$191,700	\$1,733,300	\$1,925,000
2020	\$191,700	\$1,733,300	\$1,925,000
2019	\$191,700	\$1,733,300	\$1,925,000

Assessment			
Valuation Year	Improvements	Land	Total
2021	\$134,300	\$1,213,300	\$1,347,600
2020	\$134,300	\$1,213,300	\$1,347,600
2019	\$134,300	\$1,213,300	\$1,347,600

56 Ruops Rd GIS



Property Information

Property ID 23/E/051
Location 1 EAGLE HILL
Owner TOWN OF TOLLAND



**MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT**

Town of Tolland, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated October 25, 2021
Data updated daily

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

EXHIBIT 3





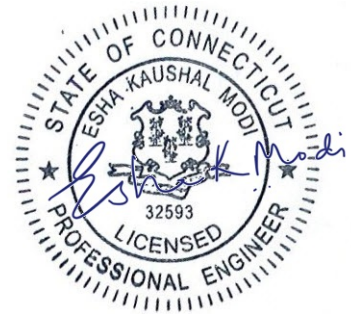
AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure : 165 ft Monopole
ATC Asset Name : Tolland CT
ATC Asset Number : 302495
Engineering Number : 14519458_C3_02
Proposed Carrier : VERIZON WIRELESS
Carrier Site Name : TOLLAND CT
Carrier Site Number : 5000243488
Site Location : 56 Ruops Road
Tolland, CT 06084-3116
41.8733° N, 72.3383° W
County : Tolland
Date : September 5, 2023
Max Usage : 80%
Analysis Result : Pass

Created By:
Lucas Tait
Structural Engineer II

L Tait



COA: PEC.0001553

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 165 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	EI Drawing #GS50842 Rev 1, dated June 24, 1998 Mapping by Delta Oaks Group Project #AGI19-04721-03, dated August 1, 2019
Foundation:	EI Drawing #F3503-150.N, dated March 2, 1998
Geotechnical:	ASR Project #12-06077, dated December 1, 2006
Modification:	Spectrasite Drawing #CT-0031-M1, dated November 15, 2004

Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

Basic Wind Speed:	118 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.50" radial ice concurrent
Code(s):	ANSI/TIA-222-H / 2021 IBC / 2022 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Spectral Response:	$S_s = 0.18, S_i = 0.06$
Site Class:	D - Stiff Soil - Default

Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please contact American Tower Engineering via email at Engineering@americantower.com. Please include the American Tower asset name, asset number, and engineering number in the subject line for any questions.

Structure Usages

Structural Component	Usage	Control	Result
Pole Shaft	80.0%	1.2D + 1.0W	Pass
Upper Flange Plate @ 155.0 ft	10.4%	Plate	Pass
Upper Flange Plate @ 146.0 ft	9.2%	Bolts	Pass
Base Plate @ 0.0 ft	66.1%	Rods	Pass
Pier	77.3%	Flexure [Steel]	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	3,567.4	59.9	31.4

**Reactions shown reflect the results from the Load Case with maximum Moment*

Structure base reactions were analyzed using available geotechnical and foundation information.

VERIZON WIRELESS Final Loading

Elev (ft)	Qty	Equipment	Lines
140.0	1	Platform with Handrails	(12) 1 5/8" Coax (2) 1 5/8" Hybriflex
	2	Kaelus KA-6030	
	2	Raycap RRFDC-3315-PF-48	
	2	Swedcom SC 9012	
	3	Commscope CBC78T-DS-43-2X	
	3	Commscope CBC78T-DS-43-2X	
	3	Samsung B2/B66A RRH-BR049	
	3	Samsung B5/B13 RRH-BR04C	
	3	Samsung MT6407-77A	
	3	Samsung XXDWMM-12.5-65-8T-CBRS	
	4	RFS APL868013-42T0-00	
	6	Commscope JAHH-65B-R3B	

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
163.8	3	EMS RR90-17-02DP	-	T-MOBILE
157.9	3	Ericsson KRY 112 71/x (12.8"x5.9")	-	T-MOBILE
155.0	1	Canister	-	T-MOBILE
149.0	1	Raycap DC6-48-60-18-8F ("Squid")	(1) 0.39" (10mm) Fiber Trunk (2) 0.89" (22.6mm) 8 AWG 6 (1) 0.96" (24.4mm) Hybrid (6) 1 5/8" Coax (3) 1.13 4 AWG 6 DC Trunk (2) 3" conduit	AT&T MOBILITY
	1	Raycap DC9-48-60-24-PC16-EV		
	1	Site Pro1 RMQLP-4120-H10		
	3	CCI OPA65RBU6DA		
	3	CCI TPA-65R-BU6DA-K		
	3	Ericsson RRUS 4415 B30		
	3	Ericsson RRUS 4449 B5, B12		
	3	Ericsson RRUS 4478 B14		
	3	Ericsson Radio 8843 B2 B66A		
	3	Powerwave Allgon 7020.00 Dual Band RET		
3	Powerwave Allgon 7770.00			
133.0	1	Platform with Handrails	-	SPRINT NEXTEL
132.0	3	Commscope VV-65A-R1	(2) 1.99" (50.7mm) Hybrid	SPRINT NEXTEL
	3	Ericsson Air6449 B41		
	3	Ericsson Radio 4460 B25+B66		
	3	Ericsson Radio 4480 B71+B85A		
	3	RFS APXVAARR24_43-U-NA20		
121.1	1	Andrew DB844H90E-A	-	SPRINT NEXTEL
121.0	3	Andrew DB844H90E-A	-	SPRINT NEXTEL
120.9	4	Andrew DB844H90E-A	-	SPRINT NEXTEL
120.8	4	Andrew DB844H90E-A	-	SPRINT NEXTEL
120.0	1	Platform with Handrails	-	-
107.4	3	Commscope LNX-6515DS-VTM	-	T-MOBILE
105.0	3	Kathrein Scala Smart Bias Tee	-	T-MOBILE
93.0	1	Commscope RDIDC-9181-PF-48	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	1	Platform with Handrails		
	3	Fujitsu TA08025-B604		
	3	Fujitsu TA08025-B605		
	3	JMA Wireless MX08FRO665-21		



Elev (ft)	Qty	Equipment	Lines	Carrier
81.9	1	GPS	-	T-MOBILE
81.0	1	Stand-Off	-	T-MOBILE
63.0	2	GPS	-	-
	2	Stand-Off		

(If table breaks across pages, please see previous page for data in merged cells)

Standard Conditions

All engineering services performed by A.T. Engineering Services LLC are prepared on the basis that the information used is current and correct. This information may consist of, but is not limited to the following:

- Information supplied by the client regarding antenna, mounts, and feed line loading
- Information from drawings, design and analysis documents, and field notes in the possession of A.T. Engineering Services LLC

It is the responsibility of the client to ensure that the information provided to A.T. Engineering Services LLC and used in the performance of our engineering services is correct and complete.

All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with the drawings and specifications.

Unless explicitly agreed by both the client and A.T. Engineering Services LLC, all services will be performed in accordance with the current revision of ANSI/TIA-222.

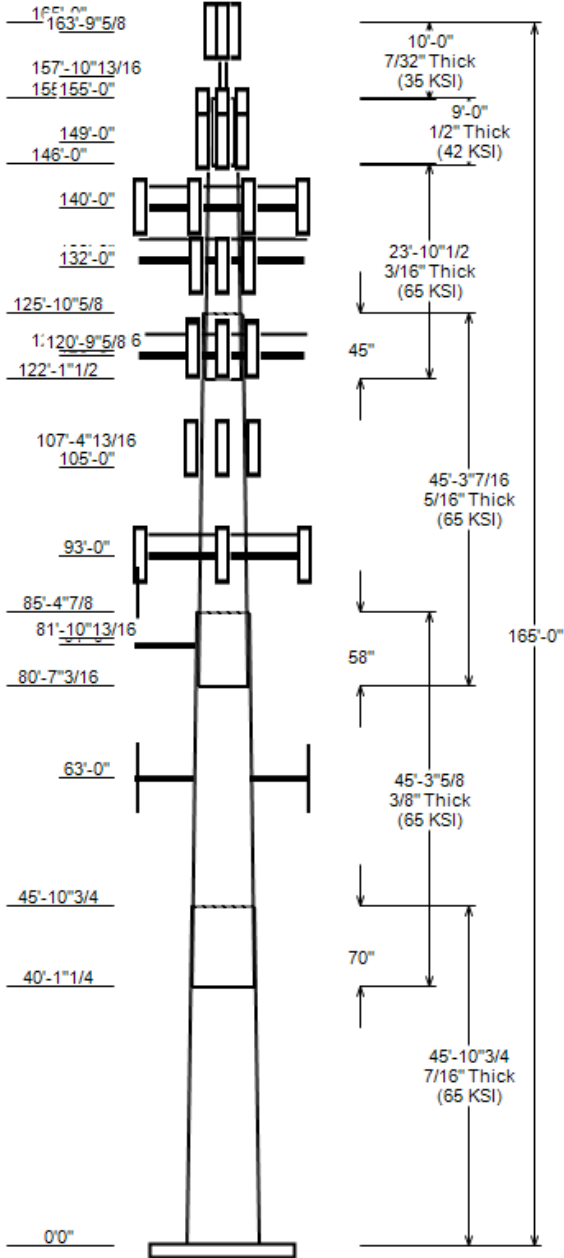
All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Services LLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.

ANALYSIS PARAMETERS

Nominal Wind: 118 mph	Ice Wind: 50 mph w/ 1.5" ice	Service Wind: 60 mph
Risk Category: II	Exposure: B	S _s : 0.181 S _i : 0.055
Topo Category: 1	Topo Factor: Method 1	Topo Feature:
Structure Height: 165 ft	Base Elevation: 0.00 ft	Structure Type: Custom
Base Diameter: 50 in	Base Rotation: 0°	Taper: 0.2110 (in/ft)

POLE SECTION PROPERTIES

Section	Length (ft)	Flat Diameter (in)		Thick (in)	Joint Type	Joint Length (in)	Pole Shape	Yield Strength (ksi)
		Top	Bottom					
1	45.898	40.33	50.00	0.438		0.000	12 Sides	65
2	45.302	32.76	42.30	0.375	Slip Joint	69.530	12 Sides	65
3	45.287	24.86	34.40	0.312	Slip Joint	57.690	12 Sides	65
4	23.878	21.00	26.03	0.188	Slip Joint	45.160	12 Sides	65
5	9.000	16.00	16.00	0.500	Butt Joint	0.000	Round	42
6	10.000	3.50	3.50	0.218	Butt Joint	0.000	Round	35



DISCRETE APPURTENANCE

Elev (ft)	Description
163.8	(3) EMS RR90-17-02DP
157.9	(3) Ericsson RRY 112 71/x (12.8"x5
155.0	(1) Canister
149.0	(3) Powerwave Allgon 7020.00 Dual
149.0	(1) Raycap DC6-48-60-18-8F ("Squid
149.0	(3) Ericsson RRUS 4415 B30
149.0	(3) Ericsson RRUS 4449 B5, B12
149.0	(3) Ericsson Radio 8843 B2 B66A
149.0	(3) Ericsson RRUS 4478 B14
149.0	(1) Raycap DC9-48-60-24-PC16-EV
149.0	(3) Powerwave Allgon 7770.00
149.0	(3) CCI TPA-65R-BU6DA-K
149.0	(3) CCI OPA65RBU6DA
149.0	(1) Site Pro1 RMQLP-4120-H10
140.0	(3) Commscope CBC78T-DS-43-2X
140.0	(3) Commscope CBC78T-DS-43-2X
140.0	(2) Kaelus KA-6030
140.0	(3) Samsung XXDWMM-12.5-65-8T-CBRS
140.0	(3) Samsung B5/B13 RRH-BR04C
140.0	(3) Samsung B2/B66A RRH-BR049
140.0	(2) Raycap RRFDC-3315-PF-48
140.0	(2) Swedcom SC 9012
140.0	(4) RFS APL868013-42T0-00
140.0	(3) Samsung MT6407-77A
140.0	(6) Commscope JAHH-65B-R3B
140.0	(1) Generic Flat Platform with Han
133.0	(1) Generic Flat Platform with Han
132.0	(3) Ericsson Radio 4460 B25+B66
132.0	(3) Ericsson Radio 4480 B71+B85A
132.0	(3) Ericsson Air6449 B41
132.0	(3) Commscope VV-65A-R1
132.0	(3) RFS APXVAARR24_43-U-NA20
121.1	(1) Andrew DB844H90E-A
121.0	(3) Andrew DB844H90E-A
120.9	(4) Andrew DB844H90E-A
120.8	(4) Andrew DB844H90E-A
120.0	(1) Generic Flat Platform with Han
107.4	(3) Commscope LNX-6515DS-VTM
105.0	(3) Kathrein Scala Smart Bias Tee
93.0	(1) Commscope RDIDC-9181-PF-48
93.0	(3) Fujitsu TA08025-B604
93.0	(3) Fujitsu TA08025-B605
93.0	(3) JMA Wireless MX08FRO665-21
93.0	(1) Generic Round Platform with Ha
81.9	(1) Generic GPS
81.0	(1) Generic Round Stand-Off
63.0	(2) Generic GPS
63.0	(2) Generic Round Stand-Off

LINEAR APPURTENANCE

Elev To (ft)	Description
162.0	(6) 1 5/8" Coax
149.0	(1) Climbing Ladder
149.0	(2) 3" conduit
149.0	(3) 1.13 4 AWG 6 DC Trunk
149.0	(6) 1 5/8" Coax
149.0	(1) 0.96" (24.4mm) Hybrid
149.0	(2) 0.89" (22.6mm) 8 AWG 6
149.0	(1) 0.39" (10mm) Fiber Trunk
140.0	(2) 1 5/8" Hybriflex
140.0	(6) 1 5/8" Coax
140.0	(6) 1 5/8" Coax
132.0	(2) 1.99" (50.7mm) Hybrid
93.0	(1) 1.60" (40.6mm) Hybrid
83.0	(1) 1/2" Coax

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	3567.37	59.91	31.40
0.9D + 1.0W	3492.68	44.92	31.36
1.2D + 1.0Di + 1.0Wi	980.74	99.29	7.97
1.2D + 1.0Ev + 1.0Eh	203.49	60.14	1.50
0.9D - 1.0Ev + 1.0Eh	197.98	41.83	1.50
1.0D + 1.0W	815.32	49.98	7.26

ANALYSIS PARAMETERS

Location:	Tolland County,CT	Height:	165 ft
Type and Shape:	Custom, Round	Base Diameter:	50.00 in
Manufacturer:	EEL	Top Diameter:	3.50 in
K_d (non-service):	0.95	Taper:	0.2110 in/ft
K_e:	0.98	Rotation:	0.000°

ICE & WIND PARAMETERS

Risk Category:	II	Design Wind Speed:	118 mph
Exposure Category:	B	Design Wind Speed w/ Ice:	50 mph
Topo Factor Procedure:	Method 1	Design Ice Thickness:	1.50 in
Topographic Category:	1	Service Wind Speed:	60 mph
Crest Height:	0 ft	HMSL:	695.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method		
Site Class:	D - Stiff Soil	Period Based on Rayleigh Method (sec):	3.21
T_L (sec):	6	P:	1
S_s:	0.181	S₁:	0.055
F_a:	1.600	F_v:	2.400
S_{ds}:	0.193	S_{d1}:	0.088
		C_s:	0.030
		C_s Max:	0.030
		C_s Min:	0.030

LOAD CASES

1.2D + 1.0W	118 mph Wind with No Ice
0.9D + 1.0W	118 mph Wind with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph Wind with 1.5" Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

Section	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Bottom						Top							
							Dia (in)	Elev (ft)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	Taper (in/ft)	
1-12	45.90	0.4375	65		0.00	9,841	50.00	0.002	69.82	21,891.7	27.94	114.29	40.33	45.90	56.20	11,418.	22.02	92.19	0.2106	
2-12	45.30	0.3750	65	Slip	69.53	6,917	42.30	40.108	50.63	11,361.1	27.55	112.81	32.76	85.41	39.11	5,236.5	20.73	87.37	0.2106	
3-12	45.29	0.3125	65	Slip	57.69	4,546	34.40	80.603	34.30	5,087.6	26.82	110.08	24.86	125.89	24.70	1,900.6	18.64	79.56	0.2106	
4-12	23.88	0.1875	65	Slip	45.16	1,144	26.03	122.122	15.60	1,330.1	34.52	138.82	21.00	146.00	12.57	695.0	27.33	112.00	0.2106	
5-R	9.00	0.5000	42	Butt	0.00	746	16.00	146.000	24.35	731.7	0.00	32.00	16.00	155.00	24.35	731.7	0.00	32.00	0.0000	
6-R	10.00	0.2180	35	Butt	0.00	76	3.50	155.000	2.25	3.0	0.00	16.06	3.50	165.00	2.25	3.0	0.00	16.06	0.0000	
Total Shaft Weight						23,270														

DISCRETE APPURTENANCE PROPERTIES

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice			Ice		
					Weight (lb)	EPAa (sf)	Orientation Factor	Weight (lb)	EPAa (sf)	Orientation Factor
163.80	EMS RR90-17-02DP	3	1.00	0.000	13.50	4.356	0.01	92.72	6.578	0.01
157.90	Ericsson KRY 112 71/x (12.8"x5	3	1.00	2.000	13.20	0.629	0.01	31.88	1.204	0.01
155.00	Canister	1	1.00	0.000	500.00	9.800	1.00	797.88	12.329	1.00
149.00	Site Pro1 RMQLP-4120-H10	1	1.00	0.000	3249.40	32.200	1.00	5513.95	54.641	1.00
149.00	CCI OPA65RBU6DA	3	0.75	0.000	60.20	12.871	0.63	321.66	15.670	0.63
149.00	CCI TPA-65R-BU6DA-K	3	0.75	0.000	69.00	12.709	0.63	326.70	15.499	0.63
149.00	Powerwave Allgon 7770.00	3	0.75	0.600	35.00	5.508	0.65	148.72	7.635	0.65
149.00	Raycap DC9-48-60-24-PC16-EV	1	0.75	0.000	34.90	2.255	0.67	100.67	3.239	0.67
149.00	Ericsson RRUS 4478 B14	3	0.75	0.000	59.40	2.021	0.67	120.79	2.965	0.67
149.00	Ericsson Radio 8843 B2 B66A	3	0.75	0.000	71.90	1.980	0.50	142.60	2.917	0.50
149.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	135.47	2.902	0.50
149.00	Ericsson RRUS 4415 B30	3	0.75	0.000	46.00	1.842	0.50	95.05	2.739	0.50
149.00	Raycap DC6-48-60-18-8F ("Squid	1	0.75	2.000	18.90	1.470	1.00	80.64	2.169	1.00
149.00	Powerwave Allgon 7020.00 Dual	3	0.75	2.000	2.20	0.339	0.50	12.42	0.748	0.50
140.00	Commscope CBC78T-DS-43-2X	3	0.75	0.000	20.70	0.552	0.50	42.65	1.057	0.50
140.00	Kaelus KA-6030	2	0.75	0.000	17.60	0.963	0.50	41.02	1.612	0.50
140.00	Commscope CBC78T-DS-43-2X	3	0.75	0.000	20.70	0.552	0.50	42.65	1.057	0.50
140.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	4264.70	63.233	1.00
140.00	Commscope JAHH-65B-R3B	6	0.75	0.000	60.60	9.113	0.69	261.56	11.869	0.69
140.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	182.85	6.218	0.61
140.00	RFS APL868013-42T0-00	4	0.75	0.000	6.30	3.615	0.72	93.82	5.471	0.72
140.00	Swedcom SC 9012	2	0.75	0.000	10.00	3.172	0.80	92.31	4.832	0.80
140.00	Raycap RRFDC-3315-PF-48	2	0.75	0.000	26.90	2.512	0.67	106.04	3.546	0.67
140.00	Samsung XXDWMM-12.5-65-8T-CBRS	3	0.75	0.000	23.10	1.539	0.50	64.31	2.365	0.50
140.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	127.12	2.772	0.50
140.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	147.77	2.772	0.50
133.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	4258.17	63.156	1.00
132.00	Commscope VV-65A-R1	3	0.75	0.000	23.80	5.928	0.63	139.88	8.022	0.63
132.00	RFS APXVAARR24_43-U-NA20	3	0.75	0.000	127.90	20.243	0.63	516.00	23.910	0.63
132.00	Ericsson Radio 4460 B25+B66	3	0.75	0.000	109.00	2.564	0.67	196.38	3.606	0.67
132.00	Ericsson Radio 4480 B71+B85A	3	0.75	0.000	84.00	2.852	0.67	158.68	3.956	0.67
132.00	Ericsson Air6449 B41	3	0.75	0.000	104.00	5.682	0.63	238.73	7.251	0.63
121.10	Andrew DB844H90E-A	1	0.75	0.000	10.00	3.796	1.00	99.73	5.625	1.00
121.00	Andrew DB844H90E-A	3	0.75	0.000	10.00	3.796	0.70	99.73	5.624	0.70
120.90	Andrew DB844H90E-A	4	0.75	0.000	10.00	3.796	0.70	99.72	5.624	0.70
120.80	Andrew DB844H90E-A	4	0.75	0.000	10.00	3.796	0.70	99.69	5.624	0.70
120.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	4237.18	62.908	1.00
107.40	Commscope LNX-6515DS-VTM	3	1.00	0.000	50.30	11.440	0.70	272.39	14.572	0.70
105.00	Kathrein Scala Smart Bias Tee	3	1.00	0.000	3.30	0.080	0.50	6.47	0.281	0.50
93.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	309.63	15.169	0.64
93.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	119.52	2.839	0.50
93.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	134.75	2.839	0.50
93.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	4044.77	50.513	1.00
93.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	76.17	2.725	1.00
81.90	Generic GPS	1	1.00	0.900	10.00	0.900	1.00	37.58	1.503	1.00
81.00	Generic Round Stand-Off	1	1.00	0.000	187.50	5.200	1.00	273.63	7.759	1.00
63.00	Generic Round Stand-Off	2	1.00	0.000	187.50	5.200	0.90	271.31	7.690	0.90

DISCRETE APPURTENANCE PROPERTIES

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice			Ice		
					Weight (lb)	EPAA (sf)	Orientation Factor	Weight (lb)	EPAA (sf)	Orientation Factor
63.00	Generic GPS	2	0.90	0.000	10.00	1.000	1.00	36.82	1.651	1.00
Totals		Row Count: 48	121		19,379.10			40,304.91		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg): 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Diameter (in)	Weight (lb/ft)	Flat	Max/Row	Distance Between Rows (in)	Distance Between Cols (in)	Azimuth (deg)	Distance From Face (in)	Exposed To Wind	Carrier
0.00	162.00	6	1 5/8" Coax	1.98	0.82	N	6	1	1	90	1	Y	T-MOBILE
0.00	149.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	149.00	3	1.13 4 AWG 6 DC Trunk	1.13	1.26	N	3	1	1	45	1	Y	AT&T MOBILITY
0.00	149.00	2	0.89" (22.6mm) 8 AWG	0.89	0.67	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	149.00	2	3" conduit	3.5	7.58	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	149.00	1	0.96" (24.4mm) Hybrid	0.96	0.64	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	149.00	1	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
120.00	149.00	1	Climbing Ladder	2	6.9	Y	1	1	1	90	1	Y	
0.00	140.00	6	1 5/8" Coax	1.98	0.82	N	6	1	1	180	1	Y	VERIZON WIRELESS
0.00	140.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	140.00	2	1 5/8" Hybriflex	1.98	1.3	N	2	1	1	10	1	Y	VERIZON WIRELESS
0.00	132.00	2	1.99" (50.7mm) Hybrid	1.99	1.9	N	2	1	1	200	1	Y	SPRINT NEXTEL
0.00	93.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	1	1	1	30	1	Y	DISH WIRELESS L.L.C.
0.00	83.00	1	1/2" Coax	0.63	0.15	N	1	1	1	0	1	Y	T-MOBILE

SEGMENT PROPERTIES

Seg Elev (ft)	Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in ³)	Z (in ³)	Weight (lb)
0.00			0.4375	50.000	69.821	21,891.70	27.94	114.29	74.2	845.8	0.0	0.0
5.00			0.4375	48.947	68.338	20,525.80	27.30	111.88	74.9	810.1	0.0	1,175.3
10.00			0.4375	47.894	66.854	19,217.90	26.65	109.47	75.6	775.2	0.0	1,150.1
15.00			0.4375	46.841	65.371	17,966.90	26.01	107.07	76.3	741.0	0.0	1,124.8
20.00			0.4375	45.788	63.888	16,771.30	25.36	104.66	77.1	707.6	0.0	1,099.6
25.00			0.4375	44.735	62.404	15,629.90	24.72	102.25	77.8	675.0	0.0	1,074.4
30.00			0.4375	43.682	60.921	14,541.60	24.07	99.84	78.5	643.1	0.0	1,049.1
35.00			0.4375	42.629	59.437	13,505.00	23.43	97.44	79.2	612.0	0.0	1,023.9
40.00			0.4375	41.576	57.954	12,518.90	22.78	95.03	79.9	581.7	0.0	998.6
40.10		Bot - Section 2	0.4375	41.554	57.923	12,498.90	22.77	94.98	79.9	581.1	0.0	20.5
45.00			0.4375	40.523	56.470	11,582.00	22.14	92.62	80.6	552.1	0.0	1,786.0
45.90		Top - Section 1	0.3750	41.084	49.156	10,397.70	26.68	109.56	75.6	488.9	0.0	322.8
50.00			0.3750	40.220	48.113	9,749.80	26.06	107.25	76.3	468.3	0.0	678.8
55.00			0.3750	39.167	46.841	8,997.00	25.31	104.45	77.1	443.8	0.0	807.8
60.00			0.3750	38.114	45.570	8,284.10	24.55	101.64	77.9	419.9	0.0	786.1
63.00			0.3750	37.482	44.807	7,874.90	24.10	99.95	78.4	405.9	0.0	461.3
65.00			0.3750	37.061	44.298	7,609.80	23.80	98.83	78.8	396.7	0.0	303.2
70.00			0.3750	36.008	43.027	6,973.20	23.05	96.02	79.6	374.1	0.0	742.9
75.00			0.3750	34.955	41.755	6,373.10	22.30	93.21	80.4	352.2	0.0	721.2
80.00			0.3750	33.902	40.484	5,808.40	21.54	90.41	81.2	331.0	0.0	699.6
80.60		Bot - Section 3	0.3750	33.776	40.332	5,743.10	21.45	90.07	81.3	328.5	0.0	82.4
81.00			0.3750	33.691	40.230	5,699.60	21.39	89.84	81.4	326.8	0.0	101.7
81.90			0.3750	33.502	40.001	5,602.90	21.26	89.34	81.5	323.1	0.0	227.3
85.00			0.3750	32.849	39.212	5,278.10	20.79	87.60	81.9	310.4	0.0	773.3
85.41		Top - Section 2	0.3125	33.388	33.283	4,647.60	25.95	106.84	76.4	268.9	0.0	100.2
90.00			0.3125	32.421	32.309	4,251.60	25.12	103.75	77.3	253.3	0.0	512.7
93.00			0.3125	31.789	31.673	4,005.50	24.58	101.73	77.9	243.4	0.0	326.6
95.00			0.3125	31.368	31.250	3,846.90	24.22	100.38	78.3	236.9	0.0	214.1
100.00			0.3125	30.315	30.190	3,468.70	23.31	97.01	79.3	221.0	0.0	522.7
105.00			0.3125	29.262	29.130	3,116.10	22.41	93.64	80.3	205.7	0.0	504.6
107.40			0.3125	28.757	28.622	2,955.70	21.98	92.02	80.7	198.6	0.0	235.8
110.00			0.3125	28.209	28.071	2,788.30	21.51	90.27	81.3	191.0	0.0	250.8
115.00			0.3125	27.156	27.011	2,484.30	20.61	86.90	81.9	176.7	0.0	468.6

SEGMENT PROPERTIES												
Seg Top Elev (ft)	Description	(Max Length: 5 ft)	Thick (in)	Flat Dia (in)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	Fy (ksi)	S (in ³)	Z (in ³)	Weight (lb)
120.00			0.3125	26.103	25.952	2,203.30	19.70	83.53	81.9	163.1	0.0	450.6
120.80			0.3125	25.935	25.782	2,160.40	19.56	82.99	81.9	160.9	0.0	70.4
120.90			0.3125	25.913	25.761	2,155.10	19.54	82.92	81.9	160.7	0.0	8.8
121.00			0.3125	25.892	25.740	2,149.80	19.52	82.86	81.9	160.4	0.0	8.8
121.10			0.3125	25.871	25.719	2,144.40	19.50	82.79	81.9	160.1	0.0	8.8
122.12	Bot - Section 4		0.3125	25.656	25.502	2,090.70	19.32	82.10	81.9	157.4	0.0	89.1
125.00			0.3125	25.050	24.892	1,944.30	18.80	80.16	81.9	149.9	0.0	397.7
125.89	Top - Section 3		0.1875	25.239	15.125	1,211.50	33.39	134.61	68.3	92.7	0.0	120.5
130.00			0.1875	24.372	14.601	1,090.10	32.15	129.98	69.7	86.4	0.0	208.1
132.00			0.1875	23.951	14.347	1,034.10	31.55	127.74	70.3	83.4	0.0	98.5
133.00			0.1875	23.740	14.220	1,006.90	31.25	126.61	70.6	81.9	0.0	48.6
135.00			0.1875	23.319	13.966	953.80	30.64	124.37	71.3	79.0	0.0	95.9
140.00			0.1875	22.266	13.330	829.40	29.14	118.75	72.9	72.0	0.0	232.2
145.00			0.1875	21.213	12.694	716.30	27.64	113.14	74.6	65.2	0.0	221.4
146.00	Top - Section 4		0.1875	21.002	12.567	695.00	27.33	112.01	74.9	63.9	0.0	43.0
146.00	Bot - Section 5		0.5000	16.000	24.347	731.70	0.00	32.00	42	91.5	120.2	
149.00			0.5000	16.000	24.347	731.70	0.00	32.00	42	91.5	120.2	248.5
150.00			0.5000	16.000	24.347	731.70	0.00	32.00	42	91.5	120.2	82.8
155.00	Top - Section 5		0.5000	16.000	24.347	731.70	0.00	32.00	42	91.5	120.2	414.2
155.00	Bot - Section 6		0.2180	3.500	2.248	3.00	0.00	16.06	35	1.7	2.4	
157.90			0.2180	3.500	2.248	3.00	0.00	16.06	35	1.7	2.4	22.2
160.00			0.2180	3.500	2.248	3.00	0.00	16.06	35	1.7	2.4	16.1
163.80			0.2180	3.500	2.248	3.00	0.00	16.06	35	1.7	2.4	29.1
165.00			0.2180	3.500	2.248	3.00	0.00	16.06	35	1.7	2.4	9.2
Total:												23,271.3

CALCULATED FORCES													
Load Case: 1.2D + 1.0W			118 mph Wind with No Ice										30 Iterations
Gust Response Factor:		1.10											
Dead load Factor:		1.20											
Wind Load Factor:		1.00											
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-59.91	-31.40	0.00	-3,567.4	0.00	3,567.37	4,665.07	1,225.36	5,729.16	4,709.48	0	0	0.771
5.00	-58.08	-31.11	0.00	-3,410.4	0.00	3,410.40	4,609.22	1,199.33	5,488.38	4,553.37	0.12	-0.23	0.762
10.00	-56.28	-30.83	0.00	-3,254.8	0.00	3,254.83	4,551.49	1,173.29	5,252.76	4,397.87	0.48	-0.46	0.753
15.00	-54.51	-30.56	0.00	-3,100.7	0.00	3,100.66	4,491.88	1,147.26	5,022.31	4,243.09	1.09	-0.69	0.744
20.00	-52.78	-30.28	0.00	-2,947.9	0.00	2,947.89	4,430.39	1,121.23	4,797.04	4,089.15	1.94	-0.93	0.734
25.00	-51.07	-30.00	0.00	-2,796.5	0.00	2,796.50	4,367.03	1,095.19	4,576.93	3,936.18	3.05	-1.18	0.723
30.00	-49.40	-29.72	0.00	-2,646.5	0.00	2,646.49	4,301.78	1,069.16	4,361.99	3,784.31	4.41	-1.42	0.712
35.00	-47.75	-29.43	0.00	-2,497.9	0.00	2,497.88	4,234.66	1,043.12	4,152.22	3,633.64	6.04	-1.68	0.700
40.00	-46.20	-29.25	0.00	-2,350.7	0.00	2,350.74	4,165.66	1,017.09	3,947.62	3,484.31	7.93	-1.93	0.687
40.10	-46.11	-29.11	0.00	-2,347.7	0.00	2,347.69	4,164.20	1,016.55	3,943.41	3,481.21	7.97	-1.94	0.686
45.00	-43.61	-28.86	0.00	-2,205.2	0.00	2,205.17	4,094.78	991.06	3,748.18	3,336.43	10.09	-2.19	0.672
45.90	-43.12	-28.70	0.00	-2,179.2	0.00	2,179.25	3,345.47	862.69	3,313.03	2,772.94	10.51	-2.24	0.800
50.00	-41.95	-28.40	0.00	-2,061.5	0.00	2,061.54	3,303.63	844.38	3,173.97	2,679.63	12.52	-2.45	0.783
55.00	-40.57	-28.07	0.00	-1,919.5	0.00	1,919.53	3,250.92	822.07	3,008.48	2,566.54	15.25	-2.75	0.762
60.00	-39.23	-27.78	0.00	-1,779.2	0.00	1,779.21	3,196.33	799.75	2,847.42	2,454.29	18.28	-3.04	0.738
63.00	-37.99	-27.22	0.00	-1,695.9	0.00	1,695.88	3,162.67	786.36	2,752.91	2,387.39	20.25	-3.22	0.724
65.00	-37.43	-26.99	0.00	-1,641.4	0.00	1,641.44	3,139.86	777.44	2,690.79	2,343.00	21.62	-3.34	0.714
70.00	-36.14	-26.63	0.00	-1,506.5	0.00	1,506.49	3,081.51	755.12	2,538.59	2,232.79	25.27	-3.63	0.688
75.00	-34.87	-26.26	0.00	-1,373.4	0.00	1,373.36	3,021.29	732.81	2,390.82	2,123.79	29.23	-3.93	0.659
80.00	-33.68	-26.01	0.00	-1,242.1	0.00	1,242.08	2,959.19	710.49	2,247.49	2,016.11	33.5	-4.22	0.629
80.60	-33.54	-25.97	0.00	-1,226.5	0.00	1,226.50	2,951.62	707.82	2,230.61	2,003.31	34.03	-4.25	0.625
81.00	-33.17	-25.73	0.00	-1,216.1	0.00	1,216.09	2,946.54	706.03	2,219.35	1,994.75	34.38	-4.28	0.622
81.90	-32.80	-25.55	0.00	-1,192.9	0.00	1,192.90	2,935.10	702.01	2,194.18	1,975.57	35.2	-4.33	0.616
85.00	-31.66	-25.36	0.00	-1,113.7	0.00	1,113.70	2,890.34	688.18	2,108.58	1,906.68	38.07	-4.51	0.596
85.41	-31.47	-25.19	0.00	-1,103.4	0.00	1,103.40	2,288.92	584.11	1,822.63	1,541.12	38.45	-4.54	0.732
90.00	-30.51	-24.89	0.00	-987.7	0.00	987.67	2,248.28	567.03	1,717.61	1,469.07	42.94	-4.8	0.688
93.00	-26.31	-22.58	0.00	-913.0	0.00	913.01	2,220.88	555.87	1,650.70	1,422.34	46.02	-4.99	0.655
95.00	-25.89	-22.33	0.00	-867.8	0.00	867.85	2,202.24	548.43	1,606.83	1,391.34	48.13	-5.12	0.637

CALCULATED FORCES

100.00	-24.91	-21.93	0.00	-756.2	0.00	756.22	2,154.33	529.83	1,499.75	1,314.46	53.64	-5.42	0.589
105.00	-23.97	-21.60	0.00	-646.6	0.00	646.59	2,104.53	511.24	1,396.36	1,238.55	59.46	-5.7	0.535
107.40	-23.43	-20.51	0.00	-594.8	0.00	594.75	2,079.96	502.31	1,348.04	1,202.49	62.36	-5.84	0.508
110.00	-22.95	-20.22	0.00	-541.4	0.00	541.43	2,052.86	492.64	1,296.66	1,163.72	65.58	-5.98	0.478
115.00	-22.07	-19.80	0.00	-440.3	0.00	440.34	1,991.00	474.05	1,200.65	1,085.58	71.97	-6.23	0.418
120.00	-18.44	-17.58	0.00	-341.4	0.00	341.36	1,912.90	455.45	1,108.34	1,001.61	78.61	-6.46	0.352
120.80	-18.29	-17.22	0.00	-327.3	0.00	327.30	1,900.40	452.48	1,093.91	988.49	79.69	-6.49	0.342
120.90	-18.26	-16.91	0.00	-325.6	0.00	325.57	1,898.84	452.10	1,092.12	986.86	79.82	-6.49	0.341
121.00	-18.23	-16.67	0.00	-323.9	0.00	323.88	1,897.28	451.73	1,090.32	985.22	79.96	-6.5	0.340
121.10	-18.21	-16.52	0.00	-322.2	0.00	322.22	1,895.72	451.36	1,088.53	983.59	80.1	-6.5	0.339
122.12	-18.04	-16.35	0.00	-305.3	0.00	305.33	1,879.75	447.56	1,070.27	966.99	81.49	-6.55	0.327
125.00	-17.38	-16.14	0.00	-258.3	0.00	258.27	1,834.80	436.86	1,019.72	921.02	85.46	-6.66	0.291
125.89	-17.18	-15.92	0.00	-244.0	0.00	243.98	929.71	265.44	627.22	475.02	86.7	-6.69	0.536
130.00	-16.67	-15.63	0.00	-178.5	0.00	178.46	915.30	256.25	584.59	451.36	92.51	-6.82	0.417
132.00	-15.07	-13.24	0.00	-147.2	0.00	147.20	907.83	251.79	564.41	439.82	95.38	-6.9	0.354
133.00	-12.18	-11.11	0.00	-134.0	0.00	133.96	903.99	249.56	554.45	434.05	96.83	-6.94	0.324
135.00	-11.96	-10.80	0.00	-111.8	0.00	111.75	896.07	245.10	534.80	422.49	99.74	-7.01	0.280
140.00	-7.27	-5.85	0.00	-57.7	0.00	57.74	874.97	233.94	487.23	393.61	107.14	-7.14	0.156
145.00	-6.81	-5.54	0.00	-28.5	0.00	28.50	851.99	222.78	441.88	364.84	114.64	-7.21	0.087
146.00	-6.72	-5.41	0.00	-23.0	0.00	22.96	920.33	276.10	376.25	378.53	116.15	-7.22	0.068
146.00	-6.72	-5.41	0.00	-23.0	0.00	22.96	847.17	220.55	433.07	359.11	116.15	-7.22	0.072
149.00	-1.34	-1.03	0.00	-6.4	0.00	6.42	920.33	276.10	376.25	378.53	120.69	-7.24	0.018
150.00	-1.26	-0.86	0.00	-5.4	0.00	5.40	920.33	276.10	376.25	378.53	122.2	-7.24	0.016
155.00	-0.21	-0.18	0.00	-1.1	0.00	1.07	920.33	276.10	376.25	378.53	129.77	-7.25	0.003
155.00	-0.21	-0.18	0.00	-1.1	0.00	1.07	70.80	21.24	6.13	6.17	129.77	-7.25	0.177
157.90	-0.12	-0.12	0.00	-0.5	0.00	0.54	70.80	21.24	6.13	6.17	134.16	-7.25	0.089
160.00	-0.10	-0.07	0.00	-0.3	0.00	0.28	70.80	21.24	6.13	6.17	137.36	-7.33	0.046
163.80	-0.01	-0.01	0.00	-0.0	0.00	0.01	70.80	21.24	6.13	6.17	143.21	-7.38	0.002
165.00	0.00	-0.01	0.00	0.0	0.00	0.00	70.80	21.24	6.13	6.17	145.06	-7.38	0.000

ASSET: 302495, Tolland CT
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519458_C3_02

CALCULATED FORCES

163.80	-0.01	-0.01	0.00	-0.0	0.00	0.01	70.80	21.24	6.13	6.17	138.94	-7.14	0.002
165.00	0.00	-0.01	0.00	0.0	0.00	0.00	70.80	21.24	6.13	6.17	140.73	-7.14	0.000

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind with 1.5" Radial Ice 29 Iterations
 Gust Response Factor: 1.10 Ice Dead Load Factor: 1.00
 Dead load Factor: 1.20
 Wind Load Factor: 1.00 Ice Importance Factor: 1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-99.29	-7.97	0.00	-980.7	0.00	980.74	4,665.07	1,225.36	5,729.16	4,709.48	0	0	0.230
5.00	-96.93	-7.96	0.00	-940.9	0.00	940.88	4,609.22	1,199.33	5,488.38	4,553.37	0.03	-0.06	0.228
10.00	-94.54	-7.94	0.00	-901.1	0.00	901.10	4,551.49	1,173.29	5,252.76	4,397.87	0.13	-0.13	0.226
15.00	-92.15	-7.92	0.00	-861.4	0.00	861.40	4,491.88	1,147.26	5,022.31	4,243.09	0.3	-0.19	0.224
20.00	-89.78	-7.90	0.00	-821.8	0.00	821.80	4,430.39	1,121.23	4,797.04	4,089.15	0.54	-0.26	0.221
25.00	-87.43	-7.88	0.00	-782.3	0.00	782.28	4,367.03	1,095.19	4,576.93	3,936.18	0.84	-0.33	0.219
30.00	-85.10	-7.86	0.00	-742.9	0.00	742.86	4,301.78	1,069.16	4,361.99	3,784.31	1.22	-0.4	0.216
35.00	-82.80	-7.84	0.00	-703.6	0.00	703.55	4,234.66	1,043.12	4,152.22	3,633.64	1.67	-0.47	0.213
40.00	-80.54	-7.81	0.00	-664.4	0.00	664.37	4,165.66	1,017.09	3,947.62	3,484.31	2.2	-0.54	0.210
40.10	-80.49	-7.80	0.00	-663.6	0.00	663.56	4,164.20	1,016.55	3,943.41	3,481.21	2.21	-0.54	0.210
45.00	-77.30	-7.76	0.00	-625.4	0.00	625.36	4,094.78	991.06	3,748.18	3,336.43	2.8	-0.61	0.206
45.90	-76.71	-7.75	0.00	-618.4	0.00	618.39	3,345.47	862.69	3,313.03	2,772.94	2.92	-0.63	0.246
50.00	-75.02	-7.71	0.00	-586.6	0.00	586.62	3,303.63	844.38	3,173.97	2,679.63	3.48	-0.69	0.242
55.00	-72.97	-7.67	0.00	-548.0	0.00	548.05	3,250.92	822.07	3,008.48	2,566.54	4.25	-0.77	0.236
60.00	-70.97	-7.63	0.00	-509.7	0.00	509.68	3,196.33	799.75	2,847.42	2,454.29	5.1	-0.85	0.230
63.00	-69.12	-7.50	0.00	-486.8	0.00	486.78	3,162.67	786.36	2,752.91	2,387.39	5.65	-0.9	0.226
65.00	-68.32	-7.48	0.00	-471.8	0.00	471.77	3,139.86	777.44	2,690.79	2,343.00	6.04	-0.94	0.223
70.00	-66.37	-7.43	0.00	-434.4	0.00	434.37	3,081.51	755.12	2,538.59	2,232.79	7.07	-1.02	0.216
75.00	-64.46	-7.37	0.00	-397.2	0.00	397.24	3,021.29	732.81	2,390.82	2,123.79	8.19	-1.11	0.208
80.00	-62.58	-7.32	0.00	-360.4	0.00	360.39	2,959.19	710.49	2,247.49	2,016.11	9.39	-1.19	0.200
80.60	-62.36	-7.31	0.00	-356.0	0.00	356.01	2,951.62	707.82	2,230.61	2,003.31	9.54	-1.2	0.199
81.00	-61.85	-7.25	0.00	-353.1	0.00	353.08	2,946.54	706.03	2,219.35	1,994.75	9.65	-1.21	0.198
81.90	-61.35	-7.22	0.00	-346.5	0.00	346.54	2,935.10	702.01	2,194.18	1,975.57	9.87	-1.23	0.196
85.00	-59.78	-7.18	0.00	-324.2	0.00	324.16	2,890.34	688.18	2,108.58	1,906.68	10.69	-1.28	0.191
85.41	-59.57	-7.16	0.00	-321.2	0.00	321.24	2,288.92	584.11	1,822.63	1,541.12	10.8	-1.29	0.235
90.00	-58.02	-7.10	0.00	-288.4	0.00	288.36	2,248.28	567.03	1,717.61	1,469.07	12.07	-1.36	0.222
93.00	-50.99	-6.40	0.00	-267.1	0.00	267.06	2,220.88	555.87	1,650.70	1,422.34	12.95	-1.42	0.211
95.00	-50.33	-6.36	0.00	-254.3	0.00	254.26	2,202.24	548.43	1,606.83	1,391.34	13.55	-1.46	0.206
100.00	-48.72	-6.28	0.00	-222.4	0.00	222.44	2,154.33	529.83	1,499.75	1,314.46	15.12	-1.54	0.192
105.00	-47.12	-6.21	0.00	-191.0	0.00	191.02	2,104.53	511.24	1,396.36	1,238.55	16.78	-1.63	0.177
107.40	-45.63	-5.94	0.00	-176.1	0.00	176.13	2,079.96	502.31	1,348.04	1,202.49	17.61	-1.67	0.169
110.00	-44.82	-5.88	0.00	-160.7	0.00	160.68	2,052.86	492.64	1,296.66	1,163.72	18.53	-1.71	0.160
115.00	-43.30	-5.78	0.00	-131.3	0.00	131.28	1,991.00	474.05	1,200.65	1,085.58	20.37	-1.79	0.143
120.00	-37.35	-5.13	0.00	-102.4	0.00	102.37	1,912.90	455.45	1,108.34	1,001.61	22.27	-1.85	0.122
120.80	-36.75	-5.02	0.00	-98.3	0.00	98.27	1,900.40	452.48	1,093.91	988.49	22.58	-1.86	0.119
120.90	-36.37	-4.93	0.00	-97.8	0.00	97.76	1,898.84	452.10	1,092.12	986.86	22.62	-1.86	0.118
121.00	-36.07	-4.86	0.00	-97.3	0.00	97.27	1,897.28	451.73	1,090.32	985.22	22.66	-1.87	0.118
121.10	-35.95	-4.82	0.00	-96.8	0.00	96.79	1,895.72	451.36	1,088.53	983.59	22.7	-1.87	0.117
122.12	-35.64	-4.78	0.00	-91.9	0.00	91.86	1,879.75	447.56	1,070.27	966.99	23.1	-1.88	0.114
125.00	-34.59	-4.72	0.00	-78.1	0.00	78.09	1,834.80	436.86	1,019.72	921.02	24.25	-1.91	0.104
125.89	-34.27	-4.68	0.00	-73.9	0.00	73.91	929.71	265.44	627.22	475.02	24.6	-1.92	0.193
130.00	-33.21	-4.60	0.00	-54.7	0.00	54.67	915.30	256.25	584.59	451.36	26.28	-1.96	0.158
132.00	-29.04	-3.97	0.00	-45.5	0.00	45.47	907.83	251.79	564.41	439.82	27.1	-1.99	0.136
133.00	-24.32	-3.34	0.00	-41.5	0.00	41.50	903.99	249.56	554.45	434.05	27.52	-2	0.123
135.00	-23.84	-3.27	0.00	-34.8	0.00	34.82	896.07	245.10	534.80	422.49	28.36	-2.02	0.109
140.00	-14.08	-1.82	0.00	-18.5	0.00	18.48	874.97	233.94	487.23	393.61	30.5	-2.06	0.063
145.00	-13.17	-1.74	0.00	-9.4	0.00	9.36	851.99	222.78	441.88	364.84	32.68	-2.09	0.041
146.00	-12.98	-1.70	0.00	-7.6	0.00	7.62	920.33	276.10	376.25	378.53	33.11	-2.09	0.034
146.00	-12.98	-1.70	0.00	-7.6	0.00	7.62	847.17	220.55	433.07	359.11	33.11	-2.09	0.037
149.00	-2.59	-0.35	0.00	-2.4	0.00	2.43	920.33	276.10	376.25	378.53	34.43	-2.09	0.009
150.00	-2.42	-0.30	0.00	-2.1	0.00	2.08	920.33	276.10	376.25	378.53	34.87	-2.1	0.008
155.00	-0.75	-0.10	0.00	-0.6	0.00	0.58	920.33	276.10	376.25	378.53	37.06	-2.1	0.002
155.00	-0.75	-0.10	0.00	-0.6	0.00	0.58	70.80	21.24	6.13	6.17	37.06	-2.1	0.105
157.90	-0.51	-0.07	0.00	-0.3	0.00	0.30	70.80	21.24	6.13	6.17	38.34	-2.1	0.055
160.00	-0.41	-0.04	0.00	-0.2	0.00	0.16	70.80	21.24	6.13	6.17	39.27	-2.14	0.031

ASSET: 302495, Tolland CT
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519458_C3_02

CALCULATED FORCES

163.80	-0.02	0.00	0.00	0.0	0.00	0.00	70.80	21.24	6.13	6.17	40.99	-2.17	0.001
165.00	0.00	0.00	0.00	0.0	0.00	0.00	70.80	21.24	6.13	6.17	41.54	-2.17	0.000

ASSET: 302495, Tolland CT
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519458_C3_02

CALCULATED FORCES

163.80	-0.01	0.00	0.00	0.0	0.00	0.00	70.80	21.24	6.13	6.17	32.64	-1.68	0.001
165.00	0.00	0.00	0.00	0.0	0.00	0.00	70.80	21.24	6.13	6.17	33.06	-1.68	0.000

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

(Based on ASCE7-16 Chapters 11, 12 and 15)

Spectral Response Acceleration for Short Period (S_s):	0.181
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.055
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a :	1.600
Site Coefficient F_v :	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.193
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.088
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_s :	0.030
Lower Limit C_s :	0.030
Period based on Rayleigh Method (sec):	3.210
Redundancy Factor (ρ):	1.000
Seismic Force Distribution Exponent (k):	2.000
Total Unfactored Dead Load:	49.980 k
Seismic Base Shear (E):	1.500 k

SEISMIC FORCES

Segment	Seismic	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
54		164.4	9	248	0.000	1	11
53		161.9	39	1,020	0.002	3	48
52		158.95	26	667	0.001	2	33
51		156.45	36	892	0.002	3	45
50		152.5	439	10,206	0.020	30	544
49		149.5	88	1,962	0.004	6	109
48		147.5	362	7,869	0.016	23	448
47		145.5	81	1,708	0.003	5	100
46		142.5	410	8,325	0.016	25	508
45		137.5	483	9,132	0.018	27	598
44		134	196	3,523	0.007	10	243
43		132.5	99	1,734	0.003	5	122
42		131	206	3,542	0.007	11	256
41		127.9427	430	7,041	0.014	21	533
40		125.4427	168	2,647	0.005	8	208
39		123.5612	553	8,443	0.017	25	685
38		121.6112	144	2,134	0.004	6	179
37		121.05	14	207	0.000	1	18
36		120.95	14	207	0.000	1	18
35		120.85	14	207	0.000	1	18
34		120.4	114	1,647	0.003	5	141
33		117.5	686	9,469	0.019	28	850
32		112.5	704	8,908	0.018	26	872
31		108.7	373	4,409	0.009	13	462
30		106.2	349	3,934	0.008	12	432
29		102.5	740	7,774	0.015	23	916
28		97.5	758	7,205	0.014	21	939
27		94	308	2,724	0.005	8	382
26		91.5	475	3,975	0.008	12	588
25		87.7031	740	5,689	0.011	17	916
24		85.2031	120	873	0.002	3	149
23		83.45	927	6,452	0.013	19	1,148
22		81.45	272	1,804	0.004	5	337
21		80.7995	122	794	0.002	2	151
20		80.2995	112	722	0.001	2	139
19		77.5	947	5,690	0.011	17	1,173
18		72.5	969	5,093	0.010	15	1,200
17		67.5	991	4,514	0.009	13	1,227

SEISMIC FORCES

1.2D + 1.0Ev + 1.0Eh

Seismic

Segment	Height Above Base (ft)	Weight (lb)	W _z (lb-ft)	C _{vx}	Horizontal Force (lb)	Vertical Force (lb)
16	64	402	1,648	0.003	5	498
15	61.5	610	2,307	0.005	7	755
14	57.5	1,034	3,418	0.007	10	1,281
13	52.5	1,056	2,909	0.006	9	1,307
12	47.9492	882	2,028	0.004	6	1,092
11	45.4492	367	759	0.002	2	455
10	42.5521	2,029	3,673	0.007	11	2,513
9	40.0521	26	41	0.000	0	32
8	37.5	1,246	1,753	0.004	5	1,544
7	32.5	1,272	1,343	0.003	4	1,575
6	27.5	1,297	981	0.002	3	1,606
5	22.5	1,322	669	0.001	2	1,638
4	17.5	1,347	413	0.001	1	1,669
3	12.5	1,373	214	0.000	1	1,700
2	7.5	1,398	79	0.000	0	1,731
1	2.5	1,423	9	0.000	0	1,763
EMS RR90-17-02DP	163.8	40	1,087	0.002	3	50
Ericsson KRY 112 71/x (12.8"x5.9")	157.9	40	987	0.002	3	49
Canister	155	500	12,012	0.024	36	619
Powerwave Allgon 7020.00 Dual Band RET	149	7	147	0.000	0	8
Raycap DC6-48-60-18-8F ("Squid")	149	19	420	0.001	1	23
Ericsson RRUS 4415 B30	149	138	3,064	0.006	9	171
Ericsson RRUS 4449 B5, B12	149	213	4,729	0.009	14	264
Ericsson Radio 8843 B2 B66A	149	216	4,789	0.010	14	267
Ericsson RRUS 4478 B14	149	178	3,956	0.008	12	221
Raycap DC9-48-60-24-PC16-EV	149	35	775	0.002	2	43
Powerwave Allgon 7770.00	149	105	2,331	0.005	7	130
CCI TPA-65R-BU6DA-K	149	207	4,596	0.009	14	256
CCI OPA65RBU6DA	149	181	4,010	0.008	12	224
Site Pro1 RMQLP-4120-H10	149	3,249	72,140	0.143	214	4,025
Commscope CBC78T-DS-43-2X	140	62	1,217	0.002	4	77
Commscope CBC78T-DS-43-2X	140	62	1,217	0.002	4	77
Kaelus KA-6030	140	35	690	0.001	2	44
Samsung XXDWMM-12.5-65-8T-CBRS	140	69	1,358	0.003	4	86
Samsung B5/B13 RRH-BR04C	140	211	4,134	0.008	12	261
Samsung B2/B66A RRH-BR049	140	253	4,963	0.010	15	314
Raycap RRFDC-3315-PF-48	140	54	1,054	0.002	3	67
Swedcom SC 9012	140	20	392	0.001	1	25
RFS APL868013-42T0-00	140	25	494	0.001	1	31
Samsung MT6407-77A	140	245	4,798	0.010	14	303
Commscope JAHH-65B-R3B	140	364	7,127	0.014	21	450
Generic Flat Platform with Handrails	140	2,500	49,000	0.097	146	3,097
Generic Flat Platform with Handrails	133	2,500	44,222	0.088	131	3,097
Generic Flat Platform with Handrails	120	2,500	36,000	0.071	107	3,097
Ericsson Radio 4460 B25+B66	132	327	5,698	0.011	17	405
Ericsson Radio 4480 B71+B85A	132	252	4,391	0.009	13	312
Ericsson Air6449 B41	132	312	5,436	0.011	16	386
Commscope VV-65A-R1	132	71	1,244	0.002	4	88
RFS APXVAARR24_43-U-NA20	132	384	6,686	0.013	20	475
Andrew DB844H90E-A	121.1	10	147	0.000	0	12
Andrew DB844H90E-A	121	30	439	0.001	1	37
Andrew DB844H90E-A	120.9	40	585	0.001	2	50
Andrew DB844H90E-A	120.8	40	584	0.001	2	50
Commscope LNX-6515DS-VTM	107.4	151	1,741	0.004	5	187
Kathrein Scala Smart Bias Tee	105	10	109	0.000	0	12
Commscope RDIDC-9181-PF-48	93	22	189	0.000	1	27
Fujitsu TA08025-B605	93	225	1,946	0.004	6	279
Fujitsu TA08025-B604	93	192	1,658	0.003	5	237
JMA Wireless MX08FRO665-21	93	194	1,674	0.003	5	240
Generic Round Platform with Handrails	93	2,500	21,622	0.043	64	3,097
Generic GPS	81.9	10	67	0.000	0	12

SEISMIC FORCES

1.2D + 1.0Ev + 1.0Eh

Seismic

Segment	Height Above Base (ft)	Weight (lb)	W _z (lb-ft)	C _{vx}	Horizontal Force (lb)	Vertical Force (lb)
Generic GPS	63	20	79	0.000	0	25
Generic Round Stand-Off	81	188	1,230	0.002	4	232
Generic Round Stand-Off	63	375	1,488	0.003	4	464
Totals:		49,980	504,355	1.000	1,499	61,906

SEISMIC FORCES

0.9D - 1.0Ev + 1.0Eh

Seismic (Reduced DL)

Segment	Height Above Base (ft)	Weight (lb)	W _z (lb-ft)	C _{vx}	Horizontal Force (lb)	Vertical Force (lb)
54	164.4	9	248	0.000	1	8
53	161.9	39	1,020	0.002	3	34
52	158.95	26	667	0.001	2	23
51	156.45	36	892	0.002	3	31
50	152.5	439	10,206	0.020	30	378
49	149.5	88	1,962	0.004	6	76
48	147.5	362	7,869	0.016	23	312
47	145.5	81	1,708	0.003	5	70
46	142.5	410	8,325	0.016	25	353
45	137.5	483	9,132	0.018	27	416
44	134	196	3,523	0.007	10	169
43	132.5	99	1,734	0.003	5	85
42	131	206	3,542	0.007	11	178
41	127.9427	430	7,041	0.014	21	370
40	125.4427	168	2,647	0.005	8	145
39	123.5612	553	8,443	0.017	25	476
38	121.6112	144	2,134	0.004	6	124
37	121.05	14	207	0.000	1	12
36	120.95	14	207	0.000	1	12
35	120.85	14	207	0.000	1	12
34	120.4	114	1,647	0.003	5	98
33	117.5	686	9,469	0.019	28	591
32	112.5	704	8,908	0.018	26	606
31	108.7	373	4,409	0.009	13	321
30	106.2	349	3,934	0.008	12	300
29	102.5	740	7,774	0.015	23	637
28	97.5	758	7,205	0.014	21	653
27	94	308	2,724	0.005	8	266
26	91.5	475	3,975	0.008	12	409
25	87.7031	740	5,689	0.011	17	637
24	85.2031	120	873	0.002	3	104
23	83.45	927	6,452	0.013	19	798
22	81.45	272	1,804	0.004	5	234
21	80.7995	122	794	0.002	2	105
20	80.2995	112	722	0.001	2	97
19	77.5	947	5,690	0.011	17	816
18	72.5	969	5,093	0.010	15	835
17	67.5	991	4,514	0.009	13	853
16	64	402	1,648	0.003	5	347
15	61.5	610	2,307	0.005	7	525
14	57.5	1,034	3,418	0.007	10	891
13	52.5	1,056	2,909	0.006	9	909
12	47.9492	882	2,028	0.004	6	760
11	45.4492	367	759	0.002	2	316
10	42.5521	2,029	3,673	0.007	11	1,747
9	40.0521	26	41	0.000	0	22
8	37.5	1,246	1,753	0.004	5	1,074
7	32.5	1,272	1,343	0.003	4	1,095
6	27.5	1,297	981	0.002	3	1,117
5	22.5	1,322	669	0.001	2	1,139
4	17.5	1,347	413	0.001	1	1,161
3	12.5	1,373	214	0.000	1	1,182

SEISMIC FORCES

0.9D - 1.0Ev + 1.0Eh

Seismic (Reduced DL)

Segment	Height Above Base (ft)	Weight (lb)	W _z (lb-ft)	C _{vx}	Horizontal Force (lb)	Vertical Force (lb)
2	7.5	1,398	79	0.000	0	1,204
1	2.5	1,423	9	0.000	0	1,226
EMS RR90-17-02DP	163.8	40	1,087	0.002	3	35
Ericsson KRY 112 71/x (12.8"x5.9")	157.9	40	987	0.002	3	34
Canister	155	500	12,012	0.024	36	431
Powerwave Allgon 7020.00 Dual Band RET	149	7	147	0.000	0	6
Raycap DC6-48-60-18-8F ("Squid")	149	19	420	0.001	1	16
Ericsson RRUS 4415 B30	149	138	3,064	0.006	9	119
Ericsson RRUS 4449 B5, B12	149	213	4,729	0.009	14	183
Ericsson Radio 8843 B2 B66A	149	216	4,789	0.010	14	186
Ericsson RRUS 4478 B14	149	178	3,956	0.008	12	153
Raycap DC9-48-60-24-PC16-EV	149	35	775	0.002	2	30
Powerwave Allgon 7770.00	149	105	2,331	0.005	7	90
CCI TPA-65R-BU6DA-K	149	207	4,596	0.009	14	178
CCI OPA65RBU6DA	149	181	4,010	0.008	12	156
Site Pro1 RMQLP-4120-H10	149	3,249	72,140	0.143	214	2,799
Commscope CBC78T-DS-43-2X	140	62	1,217	0.002	4	53
Commscope CBC78T-DS-43-2X	140	62	1,217	0.002	4	53
Kaelus KA-6030	140	35	690	0.001	2	30
Samsung XXDWMM-12.5-65-8T-CBRS	140	69	1,358	0.003	4	60
Samsung B5/B13 RRH-BR04C	140	211	4,134	0.008	12	182
Samsung B2/B66A RRH-BR049	140	253	4,963	0.010	15	218
Raycap RRFDC-3315-PF-48	140	54	1,054	0.002	3	46
Swedcom SC 9012	140	20	392	0.001	1	17
RFS APL868013-42T0-00	140	25	494	0.001	1	22
Samsung MT6407-77A	140	245	4,798	0.010	14	211
Commscope JAHH-65B-R3B	140	364	7,127	0.014	21	313
Generic Flat Platform with Handrails	140	2,500	49,000	0.097	146	2,153
Generic Flat Platform with Handrails	133	2,500	44,222	0.088	131	2,153
Generic Flat Platform with Handrails	120	2,500	36,000	0.071	107	2,153
Ericsson Radio 4460 B25+B66	132	327	5,698	0.011	17	282
Ericsson Radio 4480 B71+B85A	132	252	4,391	0.009	13	217
Ericsson Air6449 B41	132	312	5,436	0.011	16	269
Commscope VV-65A-R1	132	71	1,244	0.002	4	62
RFS APXVAARR24_43-U-NA20	132	384	6,686	0.013	20	331
Andrew DB844H90E-A	121.1	10	147	0.000	0	9
Andrew DB844H90E-A	121	30	439	0.001	1	26
Andrew DB844H90E-A	120.9	40	585	0.001	2	34
Andrew DB844H90E-A	120.8	40	584	0.001	2	34
Commscope LNX-6515DS-VTM	107.4	151	1,741	0.004	5	130
Kathrein Scala Smart Bias Tee	105	10	109	0.000	0	9
Commscope RDIDC-9181-PF-48	93	22	189	0.000	1	19
Fujitsu TA08025-B605	93	225	1,946	0.004	6	194
Fujitsu TA08025-B604	93	192	1,658	0.003	5	165
JMA Wireless MX08FRO665-21	93	194	1,674	0.003	5	167
Generic Round Platform with Handrails	93	2,500	21,622	0.043	64	2,153
Generic GPS	81.9	10	67	0.000	0	9
Generic GPS	63	20	79	0.000	0	17
Generic Round Stand-Off	81	188	1,230	0.002	4	162
Generic Round Stand-Off	63	375	1,488	0.003	4	323
Totals:		49,980	504,355	1.000	1,499	43,052

1.2D + 1.0Ev + 1.0Eh

Seismic

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-60.14	-1.50	0.00	-203.49	0.00	203.49	4,665.07	1,225.36	5,729	4,709.48	0.00	0.00	0.06
5.00	-58.41	-1.52	0.00	-195.97	0.00	195.97	4,609.22	1,199.33	5,488	4,553.37	0.01	-0.01	0.06
10.00	-56.71	-1.53	0.00	-188.38	0.00	188.38	4,551.49	1,173.29	5,253	4,397.87	0.03	-0.03	0.06

ANALYSIS SUMMARY

Load Case	Base Reactions						Max Usage	
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	31.40	0.00	59.91	0.00	0.00	3567.37	45.90	0.8
0.9D + 1.0W	31.36	0.00	44.92	0.00	0.00	3492.68	45.90	0.77
1.2D + 1.0Di + 1.0Wi	7.97	0.00	99.29	0.00	0.00	980.74	45.90	0.25
1.2D + 1.0Ev + 1.0Eh	1.58	0.00	60.14	0.00	0.00	203.49	45.90	0.06
0.9D - 1.0Ev + 1.0Eh	1.55	0.00	41.83	0.00	0.00	197.98	45.90	0.06
1.0D + 1.0W	7.26	0.00	49.98	0.00	0.00	815.32	45.90	0.19

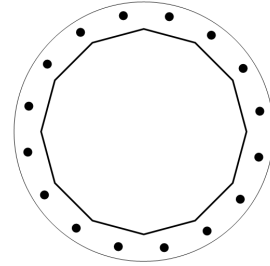
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
3567.37	59.91	31.4

PLATE PARAMETERS (ID# 24086)

Width:	65	in
Shape:	Round	
Thickness:	2	in
Grade:	A572-60	
Yield Strength:	60	ksi
Tensile Strength:	75	ksi
Rod Detail Type:	c	
Clear Distance:	-	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	156	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F _y (ksi)	F _u (ksi)	Spacing (in)	Offset (°)
Original [ID#24716]	Radial	16	2.25	59	A615-75	75	100	-	10

COMPONENT PROPERTIES

Component	ID	Gross Area (in ²)	Net Area (in ²)	Individual Inertia (in ⁴)	Moment of Inertia (in ⁴)	Threads/in
Pole	50"Ø x 0.4375" (12 Sides)	67.3455	-	-	20683.11	-
Bolt Group	Original (16) 2.25"Ø	3.9761	3.2477	0.8393	20656.66	4.5

REACTION DISTRIBUTION

Component	ID	Moment M _u (k-ft)	Axial Load P _u (k)	Shear V _u (k)	Moment Factor
Pole	50"Ø x 0.4375" (12 Sides)	3567.4	59.91	31.40	1.000
Bolt Group	Original (16) 2.25"Ø	3567.4	-	31.40	1.000

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	50.12	in
Point-to-Point Diameter:	51.89	in
Orientation Offset:	-	°

Flat Width:	13.431	in
Flat Radians:	0.524	rad

PLATE PROPERTIES

Neutral Axis:	156	°
Bend Line Limits:	3.891 to 4.705	rad

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in ³)	Applied Moment M _u (k-in)	Moment Capacity ΦM _n (k-in)	Flexure Result M _u /ΦM _n
Flats	37.148	0.00	37.148	980.6	2006.0	48.9%
Corners	34.635	0.00	34.635	645.0	1870.3	34.5%
Circumferential	38.406	0.00	38.406	850.7	2073.9	41.0%

PLASTIC ANCHOR ROD ANALYSIS

Class	Group Quantity	Rod Diameter (in)	Applied Axial Load P _u (k)	Applied Shear Load V _u (k)	Compressive Capacity ΦP _n (k)	Interaction Result
Original	16	2.25	155.7	3.0	243.6	66.1%

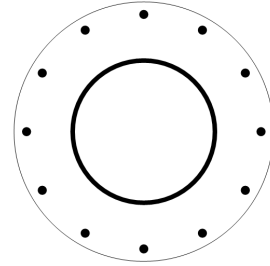
UPPER FLANGE PLATE ANALYSIS @ 146 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
22.96	6.72	5.41

PLATE PARAMETERS (ID# 24085)

Width:	28.5	in
Shape:	Round	
Thickness:	1.5	in
Grade:	A572-60	
Yield Strength:	60	ksi
Tensile Strength:	75	ksi
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	45	°



FLANGE BOLT PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F _y (ksi)	F _u (ksi)	Spacing (in)	Offset (°)
Original [ID#24717]	Radial	12	1	25.75	A325	92	120	-	-

COMPONENT PROPERTIES

Component	ID	Gross Area (in ²)	Net Area (in ²)	Individual Inertia (in ⁴)	Moment of Inertia (in ⁴)	Threads/in
Pole	16"Ø x 0.5" (Round)	24.3470	-	-	733.23	-
Bolt Group	Original (12) 1"Ø	0.7854	0.6057	0.0292	545.75	8.0

REACTION DISTRIBUTION

Component	ID	Moment M _u (k-ft)	Axial Load P _u (k)	Shear V _u (k)	Moment Factor
Pole	16"Ø x 0.5" (Round)	23.0	6.72	5.41	1.000
Bolt Group	Original (12) 1"Ø	23.0	-	5.41	1.000

UPPER FLANGE PLATE BEND LINE ANALYSIS @ 146 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	16.12	in
Point-to-Point Diameter:	16.12	in
Orientation Offset:	-	°

Flat Width:	0.141	in
Flat Radians:	0.017	rad

PLATE PROPERTIES

Neutral Axis:	45	°
Bend Line Limits:	1.745 to 2.967	rad

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in ³)	Applied Moment M _u (k-in)	Moment Capacity ΦM _n (k-in)	Flexure Result M _u /ΦM _n
Flats	22.060	0.00	12.409	35.4	670.1	5.3%
Corners	22.060	0.00	12.409	35.4	670.1	5.3%
Circumferential	25.869	0.00	14.551	61.9	785.8	7.9%

PLASTIC FLANGE BOLT ANALYSIS

Class	Group Quantity	Bolt Diameter (in)	Applied Axial Load P _u (k)	Applied Shear Load V _u (k)	Compressive Capacity ΦP _n (k)	Interaction Result
Original	12	1	4.0	0.7	54.5	9.2%

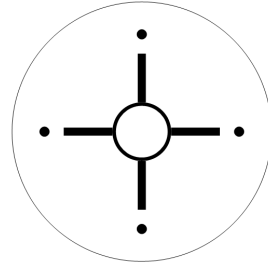
UPPER FLANGE PLATE ANALYSIS @ 155 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
1.07	0.21	0.18

PLATE PARAMETERS (ID# 24087)

Width:	16	in
Shape:	Round	
Thickness:	0.75	in
Grade:	A36	
Yield Strength:	36	ksi
Tensile Strength:	58	ksi
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	45	°

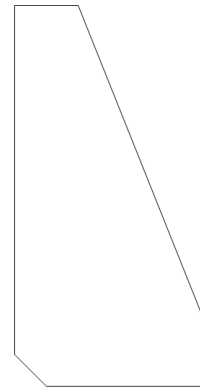


FLANGE BOLT PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F _y (ksi)	F _u (ksi)	Spacing (in)	Offset (°)
Original [ID#24718]	Radial	4	0.625	12	A325	92	120	-	-

STIFFENER PARAMETERS

Arrangement:	Radial	
Quantity:	4	
Height:	6	in
Width:	3	in
Thickness:	0.5	in
Notch:	0.5	in
Grade:	A36	
Yield Strength:	36	ksi
Tensile Strength:	58	ksi
Horizontal Weld Type:	Fillet	
Horizontal Weld Fillet Size:	0.125	in
Vertical Weld Fillet Size:	0.125	in
Weld Strength:	70	ksi
Orientation Offset:	45	°



COMPONENT PROPERTIES

Component	ID	Gross Area (in ²)	Net Area (in ²)	Individual Inertia (in ⁴)	Moment of Inertia (in ⁴)	Threads/in
Pole	3.5"Ø x 0.218" (Round)	2.2477	-	-	3.06	-
Bolt Group	Original (4) 0.625"Ø	0.3068	0.2260	0.0041	14.16	11.0
Stiffeners	(4) 6"H x 3"W x 0.5"T	1.2500	1.1250	4.5000	26.08	-

ASSET: 302495, Tolland CT
 CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
 PROJECT: 14519458

REACTION DISTRIBUTION

Component	ID	Moment M _u (k-ft)	Axial Load P _u (k)	Shear V _u (k)	Moment Factor
Pole	3.5"Ø x 0.218" (Round)	1.1	0.21	0.18	1.000
Bolt Group	Original (4) 0.625"Ø	1.1	-	0.18	1.000
Stiffeners	(4) 6"H x 3"W x 0.5"T	1.0	-	0.16	0.895

UPPER FLANGE PLATE BEND LINE ANALYSIS @ 155 FT

POLE PROPERTIES

Flat-to-Flat Diameter: 3.62 in
 Point-to-Point Diameter: 3.62 in
 Orientation Offset: - °

Flat Width: 0.032 in
 Flat Radians: 0.017 rad

PLATE PROPERTIES

Neutral Axis: 45 °
 Bend Line Limits: 5.418 to 5.577 rad

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in ³)	Applied Moment M _u (k-in)	Moment Capacity ΦM _n (k-in)	Flexure Result M _u /ΦM _n
Flats	12.517	2.94	2.174	3.7	70.4	5.3%
Corners	12.517	2.94	2.174	3.7	70.4	5.3%
Circumferential	13.767	0.00	1.936	6.5	62.7	10.4%

PLASTIC FLANGE BOLT ANALYSIS

Class	Group Quantity	Bolt Diameter (in)	Applied Axial Load P _u (k)	Applied Shear Load V _u (k)	Compressive Capacity ΦP _n (k)	Interaction Result
Original	4	0.625	0.9	0.0	20.3	4.8%

UPPER FLANGE PLATE STIFFENER ANALYSIS

Quantity:	4	
Height:	6	in
Width:	3	in
Effective Width:	3.000	in
Thickness:	0.5	in
Notch:	0.5	in
Grade:	A36	
Yield Strength:	36	ksi
Tensile Strength:	58	ksi
Horizontal Weld Type:	Fillet	
Horizontal Weld Fillet Size:	0.125	in
Horizontal Weld Bevel Size:		in
Vertical Weld Fillet Size:	0.125	in
Weld Strength:	70	ksi
Electrode Coefficient:	1.000	

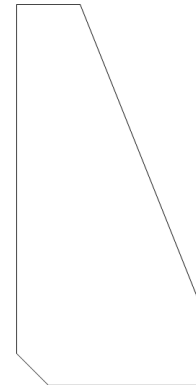


PLATE COMPRESSION

Radius of Gyration:	0.144	in ³
k/r:	24.94	
$4.71 \sqrt{(E/F_y)}$:	133.68	
Buckling Stress, F_e :	460.10	ksi
Crit. Buckling Stress, F_{cr} :	403.51	ksi
Applied Compression, P_u :	1.19	k
Compressive Capacity, ΦP_n :	453.95	k
Compressive Result, $P_u/\Phi P_n$:	0.1%	✓

PLATE TENSION

Gross Cross Section:	1.2500	in ²
Net Cross Section:	1.1250	in ²
Applied Tension, T_u :	1.09	k
Tensile Capacity, ΦT_n :	40.50	k
Tension Result, $T_u/\Phi T_n$:	1.3%	✓

VERTICAL WELD TO POLE

Vertical Eccentricity Ratio, $a=e_x/l$:	0.167	
Spacing Ratio, k:	0.083	
Weld Coefficient, C:	3.670	
Applied Compression, P_u :	1.19	k
Compressive Capacity, ΦP_n :	33.03	k
Horizontal Eccentricity Ratio, $a=e_x/l$:	0.333	
Weld Coefficient, C:	2.940	
Applied Shear, V_u :	0.04	k
Shear Capacity, ΦV_n :	26.46	k
Weld Result, $P_u/\Phi P_n + V_u/\Phi V_n$:	3.7%	✓

HORIZONTAL WELD TO PLATE

Horizontal Eccentricity Ratio, $a=e_x/l$:	0.167	
Spacing Ratio, k:	0.167	
Weld Coefficient, C:	3.940	
Effective Fillet Size:	0.125	in
Applied Compression, P_u :	1.19	k
Compressive Capacity, ΦP_n :	17.73	k
Vertical Eccentricity Ratio, $a=e_x/l$:	0.333	
Weld Coefficient, C:	3.090	
Applied Shear, V_u :	0.04	k
Shear Capacity, ΦV_n :	13.91	k
Weld Result, $P_u/\Phi P_n + V_u/\Phi V_n$:	7.0%	✓

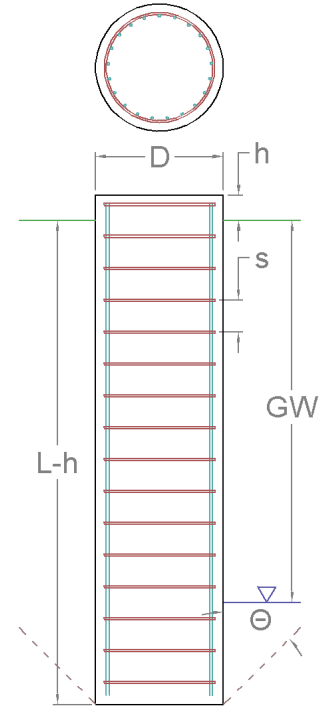
PIER FOUNDATION ANALYSIS

GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
3,567.37	59.91	31.40

FOUNDATION PARAMETERS

Pier Diameter:	D	7.00	ft
Pier Embedment Depth:	L-h	30.0	ft
Pier Height above Grade:	h	1.00	ft
Concrete Compressive Strength:		4,000	psi
Vertical Rebar:		(18) #11 bars [60 ksi]	
Tie Rebar:	s	#5 bars @ 12.0" c/c [60 ksi]	
Rebar Clear Cover:		3.00	in



SOIL PARAMETERS

Water Table Depth [BGL]: GW 3 ft

Layer Depth (ft)	Unit Weight	Cohesion	Friction Angle	Ultimate Skin	Ultimate Net
				Friction	Bearing
Top	Bottom	psf	°	psf	psf
0	3	105	0	0	0
3	5	127	37	0	0
5	10	133	40	832	0
10	31	137	40	1,668	52,656

SOIL STRENGTH ANALYSIS

Volume of Concrete (ft³)	Buoyant Weight of Concrete (k)	Skin Friction Resistance (k)	Inflection Point [BGL] (ft)
1,193.02	114.11	825.11	21.13

SOIL MOMENT ANALYSIS

Total Lateral Resistance (k)	Moment at Inflection Point, M_u (k-ft)	Additional Resistance (k-ft)	Nominal Moment Capacity, ΦM_n (k-ft)	Soil Moment Usage, $M_u / \Phi M_n$
2,862.43	4,262.24	0.00	12,536.37	34.0% ✓


SOIL COMPRESSION ANALYSIS

Compressive Bearing Resistance (k)	Compressive Force, P_u (k)	Additional Resistance (k)	Nominal Compressive Capacity, ΦP_n (k)	Soil Compressive Usage, $P_u / \Phi P_n$
2,026.44	84.20	0.00	2,138.66	3.9% ✓


REINFORCING STEEL STRENGTH ANALYSIS

Rebar Cage Diameter (in)	Steel Elastic Modulus, E (ksi)	Strength Bending/Tension Reduction Factor, Φ_b	Strength Shear Reduction Factor, Φ_v	Strength Compression Reduction Factor, Φ_c
75.34	29,000	0.9	0.75	0.65

PIER REINFORCING MOMENT ANALYSIS

Design Moment, M_u (k-ft)	Nominal Moment Capacity, $\Phi_b M_n$ (k-ft)	Bending Reinforcement Ratio	Pier Rebar Flexure Usage, $M_u / \Phi_b M_n$
3,602.04	4,659.86	0.01	77.3% 

PIER REINFORCING COMPRESSION ANALYSIS

Buoyant Weight of Concrete (k)	Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$
114.11	84.20	10,624.30	0.8% 

PIER REINFORCING SHEAR ANALYSIS


Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$
303.23	684.82	44.3% 

EXHIBIT 4





Colliers Engineering & Design CT, P.C.
1055 Washington Blvd
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207613
Colliers Engineering & Design Project #: 23777187

July 23, 2023

Site Information

Site ID: 5000243488-VZW / TOLLAND CT
Site Name: TOLLAND CT
Carrier Name: Verizon Wireless
Address: 5 Ruops Road
Tolland, Connecticut 06084
Tolland County
Latitude: 41.873319°
Longitude: -72.338292°

Structure Information

Tower Type: 150-Ft Monopole
Mount Type: 11.00-Ft Platform

FUZE ID # 17123750

Analysis Results

Pass: 97.3% Pass*

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

***Contractor PMI Requirements:

Included at the end of this MA report

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

For additional questions and support, please reach out to:

pmisupport@colliersengineering.com

Report Prepared By: Grant Walters

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: 324969, Dated March 15, 2021</i>
<i>Mount Mapping Report</i>	<i>Hudson Design Group, LLC., Site ID: 468468, Dated March 30, 2021</i>
<i>Previous Mount Analysis</i>	<i>Maser Consulting Connecticut, Project #: 21777478 Dated September 10, 2021</i>
<i>Filter Add Scope</i>	<i>Provided by Verizon Wireless</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 120 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.50 in Risk Category: II Exposure Category: C Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.975
Seismic Parameters:	S_s : 0.182 g S_1 : 0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, L_v : 250 lbs. Maintenance Live Load, L_m : 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
136.92	140.00	6	Commscope	CBC78T-DS-43	Retained
		3	Samsung	MT6407-77A	
		6	Commscope	JAHH-65B-R3B	
		3	Samsung	XXDWMM-12.5-65-8T-CBRS	
		4	RFS	APL868013-42TO	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48	
		2	Swedcom	SC-9012	
		2	KAelus	KA-6030	Added

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 Colliers Engineering & Design 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 Colliers Engineering & Design 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. Colliers Engineering & Design 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 Colliers Engineering & Design.

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	42.6 %	Pass
Standoff Horizontal	97.3 %	Pass
Corner Plate	16.7 %	Pass
Support Rail	69.3 %	Pass
Face Bracing	63.1 %	Pass
Mount Pipe	17.7 %	Pass
Ladder	26.3 %	Pass
Ladder Rungs	1.9 %	Pass
Mount Connection	47.8 %	Pass
Structure Rating – (Controlling Utilization of all Components)		97.3%

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	47.1	46.0	64.6	63.4
0.5	58.2	59.4	84.2	83.0
1	69.1	70.4	102.6	101.3

Notes:

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

Requirements:

The existing mount is **SUFFICIENT** for the final loading configuration shown in attachment 2 and do not require modifications. Additional requirements are noted below.

Contractor shall ensure the existing OVP mount pipe is positively connected to the existing channel flanges with clip angles and U-bolts. Contractor shall lower down both OVP units to make sure they have 18" max. above existing channel members.

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

Attachments:

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

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

MDG #: 5000243488

SMART Project #: 10207613

Fuze Project ID: 17123750

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

OR

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

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

Issue:

Contractor shall ensure the existing OVP mount pipe is positively connected to the existing channel flanges with clip angles and U-bolts. Contractor shall lower down both OVP units to make sure they have 18" max. above existing channel members.

Response:

Special Instruction Confirmation:

- The contractor has read and acknowledges the above special instructions.
- All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.
- The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) and included in the material certification folder is a packing list or invoice for these materials.

OR

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

Comments:

--

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

Yes No

Contractor certifies no new damage created during the current installation:

Yes No

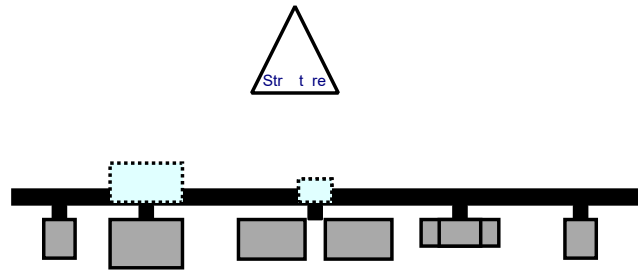
Contractor to certify the condition of the safety climb and verify no damage when leaving the site:

Safety Climb in Good Condition Safety Climb Damaged

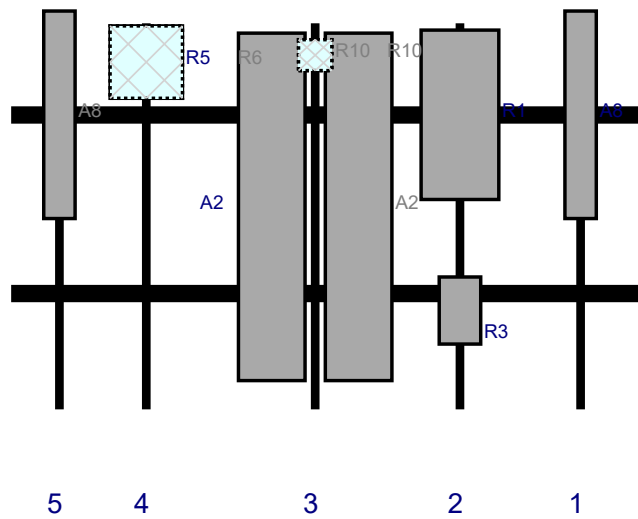
Certifying Individual:

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

Plan View



Front View - Looking at Structure



Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t HO	St t s	V lid tio
A8	SC-9012	43	6.5	118	1		Fro t	18.96	0	Ret i ed	03/30/2021
R1	MT640 - A	35.1	16.1	93	2		Fro t	18.96	0	Ret i ed	
R3	DWMM-12.5-65-8T-CBRS	13.9	8.6	93	2		Fro t	59.52	0	Ret i ed	03/30/2021
A2	JAHH-65B-R3B	2	13.8	63	3		Fro t	38.04	9	Ret i ed	03/30/2021
A2	JAHH-65B-R3B	2	13.8	63	3		Fro t	38.04	-9	Ret i ed	03/30/2021
R10	CBC 8T-DS-43	6.4	6.9	63	3		Behi d	6.6	0	Ret i ed	03/30/2021
R10	CBC 8T-DS-43	6.4	6.9	63	3		Behi d	6.6	0	Ret i ed	03/30/2021
R5	B2/B66A RRH-BR049	15	15	28	4		Fro t	8.04	0	Ret i ed	03/30/2021
R6	B5/B13 RRH-BR04C	15	15	28	4		Behi d	8.04	0	Ret i ed	03/30/2021
A8	SC-9012	43	6.5	10	5		Fro t	18.96	0	Ret i ed	03/30/2021
OVP	RRFDC-3315-PF-48	29.5	16.5			Me er				Ret i ed	03/30/2021

Se tor: B

/19/2023

Str t re Type: Mo opole

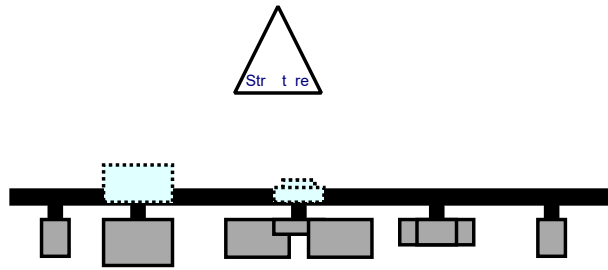
1020 613



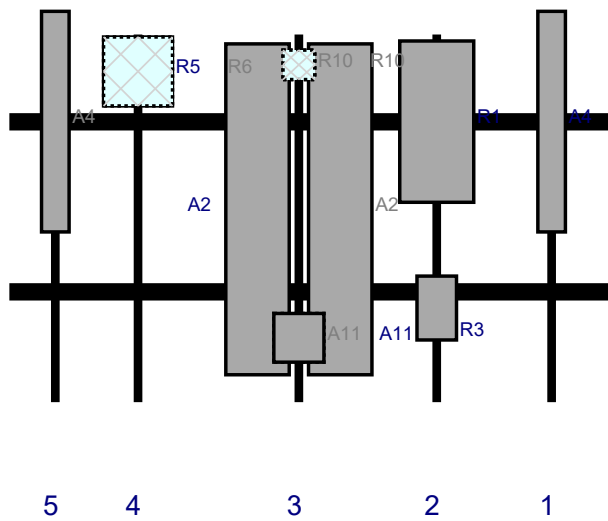
Mo t Elev: 136.92

P ge: 2

Plan View

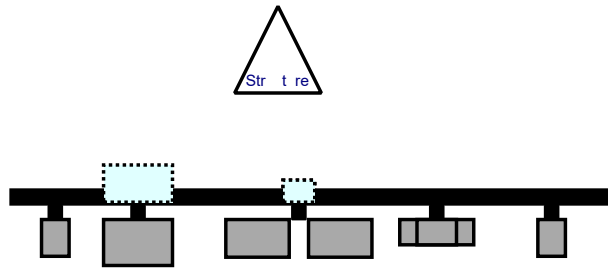


Front View - Looking at Structure

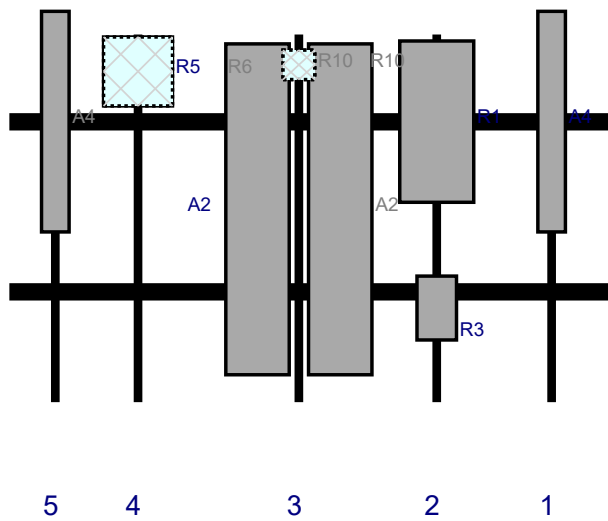


Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A4	APL868013-42TO	48	6	118	1		Fro t	18.96	0	Ret i ed	03/30/2021
R1	MT640 - A	35.1	16.1	93	2		Fro t	18.96	0	Ret i ed	
R3	DWMM-12.5-65-8T-CBRS	13.9	8.6	93	2		Fro t	59.52	0	Ret i ed	03/30/2021
A2	JAHH-65B-R3B	2	13.8	63	3		Fro t	38.04	9	Ret i ed	03/30/2021
A2	JAHH-65B-R3B	2	13.8	63	3		Fro t	38.04	-9	Ret i ed	03/30/2021
R10	CBC 8T-DS-43	6.4	6.9	63	3		Behi d	6.6	0	Ret i ed	03/30/2021
R10	CBC 8T-DS-43	6.4	6.9	63	3		Behi d	6.6	0	Ret i ed	03/30/2021
A11	A-6030	10.6	10.9	63	3		Behi d	66	0	Added	
A11	A-6030	10.6	10.9	63	3		Fro t	66	0	Added	
R5	B2/B66A RRH-BR049	15	15	28	4		Fro t	8.04	0	Ret i ed	03/30/2021
R6	B5/B13 RRH-BR04C	15	15	28	4		Behi d	8.04	0	Ret i ed	03/30/2021
A4	APL868013-42TO	48	6	10	5		Fro t	18.96	0	Ret i ed	03/30/2021

Plan View




Front View - Looking at Structure

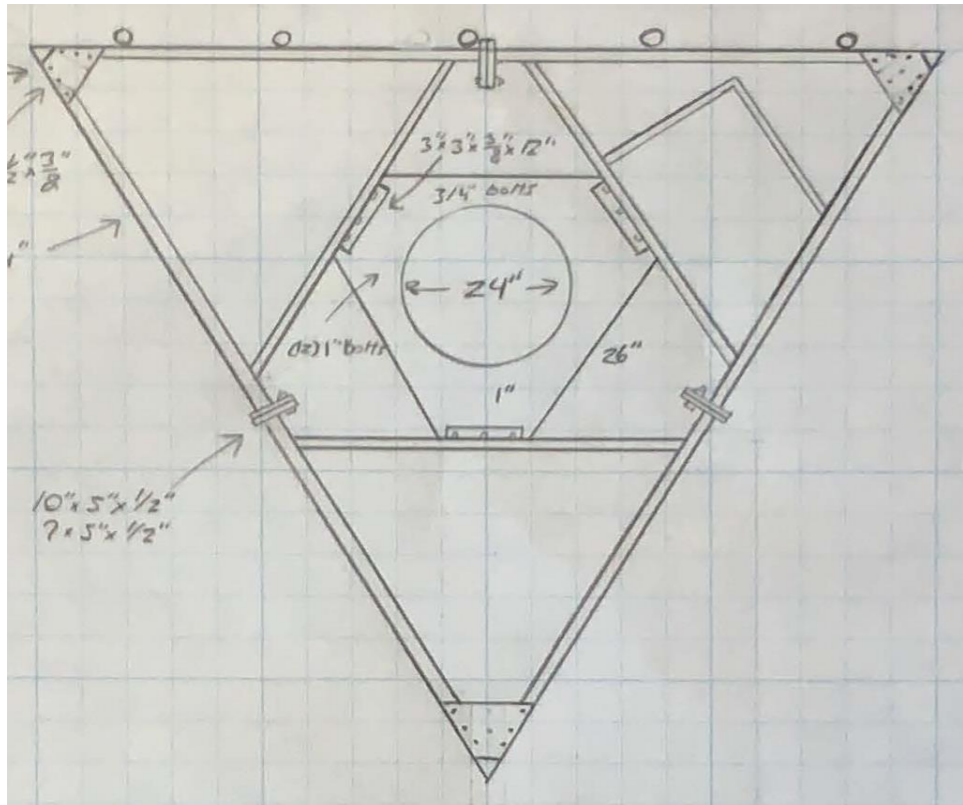


Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A4	APL868013-42TO	48	6	118	1		Fro t	18.96	0	Ret i ed	03/30/2021
R1	MT640 - A	35.1	16.1	93	2		Fro t	18.96	0	Ret i ed	
R3	DWMM-12.5-65-8T-CBRS	13.9	8.6	93	2		Fro t	59.52	0	Ret i ed	03/30/2021
A2	JAHH-65B-R3B	2	13.8	63	3		Fro t	38.04	9	Ret i ed	03/30/2021
A2	JAHH-65B-R3B	2	13.8	63	3		Fro t	38.04	-9	Ret i ed	03/30/2021
R10	CBC 8T-DS-43	6.4	6.9	63	3		Behi d	6.6	0	Ret i ed	03/30/2021
R10	CBC 8T-DS-43	6.4	6.9	63	3		Behi d	6.6	0	Ret i ed	03/30/2021
R5	B2/B66A RRH-BR049	15	15	28	4		Fro t	8.04	0	Ret i ed	03/30/2021
R6	B5/B13 RRH-BR04C	15	15	28	4		Behi d	8.04	0	Ret i ed	03/30/2021
A4	APL868013-42TO	48	6	10	5		Fro t	18.96	0	Ret i ed	03/30/2021

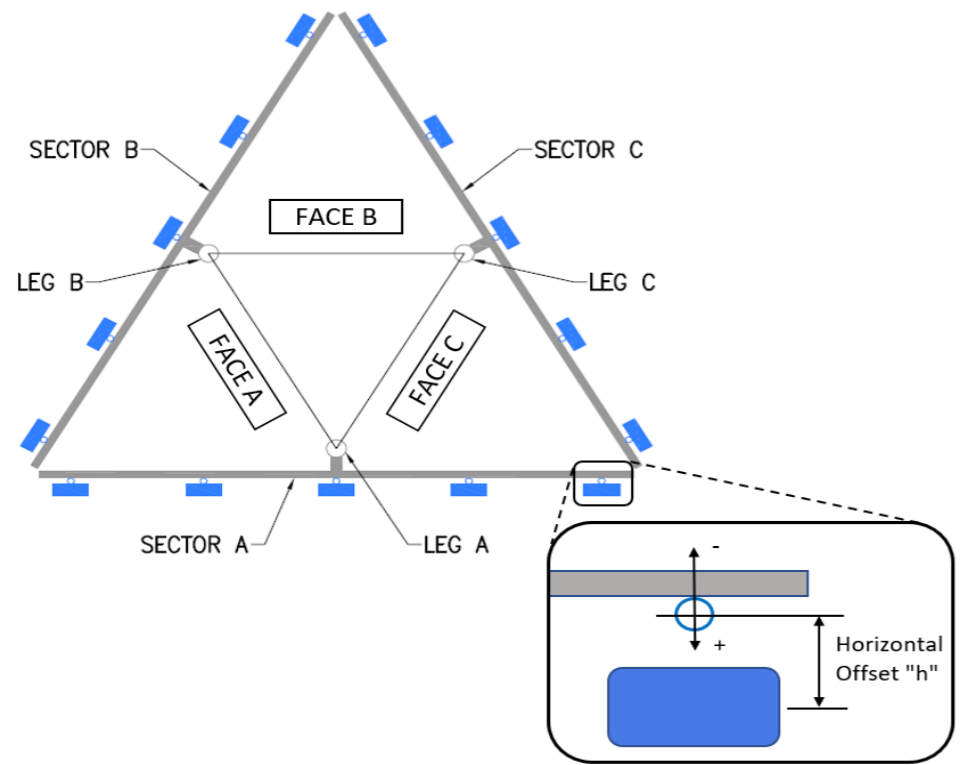


	Antenna Mount Mapping Form (PATENT PENDING)			FCC #
	Tower Owner:	AMERICAN TOWER	Mapping Date:	3/30/2021
	Site Name:	TOLLAND CT	Tower Type:	Monopole
	Site Number or ID:	468468	Tower Height (Ft.):	180
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	140.75	

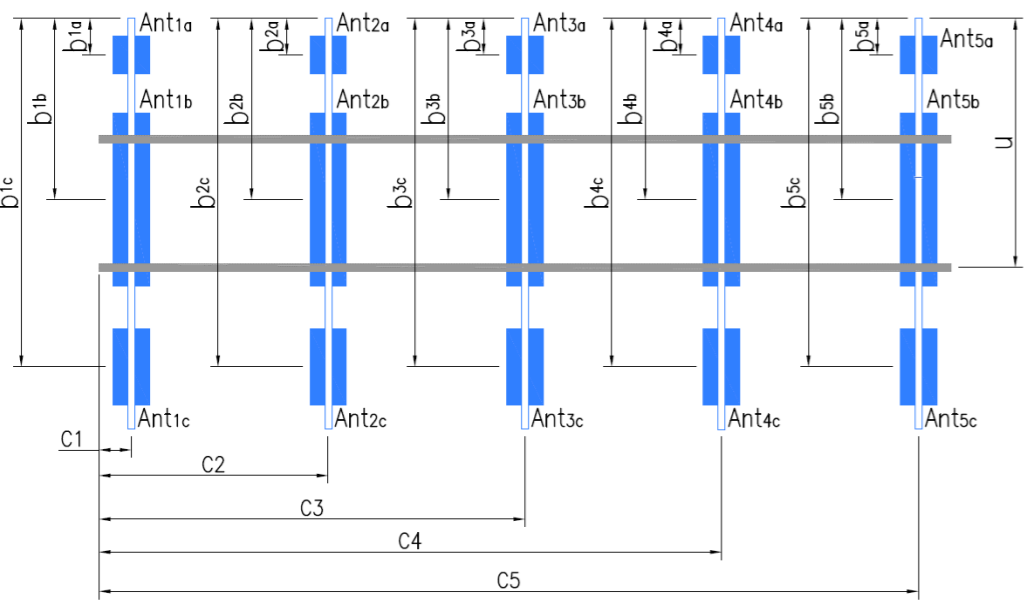
This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is prohibited except by express written permission of TES. All means and methods are the responsibility of the contractor and the work shall be compliant with ANSI/ASSE A 10.48, OSHA, FCC, FAA and other safety requirements that may apply. TES is not warranting the usability of the safety climb as it must be assessed prior to each use in compliance with OSHA requirements.



Mount Pipe Configuration and Geometries [Unit = Inches]								
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	
A1	2" STD. PIPE X 80" LONG	56.00	12.00	C1	2" STD. PIPE X 80" LONG	56.00	12.00	
A2	2" STD. PIPE X 72" LONG	56.00	35.00	C2	2" STD. PIPE X 72" LONG	56.00	35.00	
A3	2" STD. PIPE X 80" LONG	56.00	65.00	C3	2" STD. PIPE X 80" LONG	56.00	65.00	
A4	2" STD. PIPE X 80" LONG	56.00	100.00	C4	2" STD. PIPE X 80" LONG	56.00	100.00	
A5	2" STD. PIPE X 80" LONG	56.00	118.00	C5	2" STD. PIPE X 80" LONG	56.00	118.00	
A6				C6				
B1	2" STD. PIPE X 80" LONG	56.00	12.00	D1				
B2	2" STD. PIPE X 72" LONG	56.00	35.00	D2				
B3	2" STD. PIPE X 80" LONG	56.00	65.00	D3				
B4	2" STD. PIPE X 80" LONG	56.00	100.00	D4				
B5	2" STD. PIPE X 80" LONG	56.00	118.00	D5				
B6				D6				
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							19.50	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							5	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							5	
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.):					24	

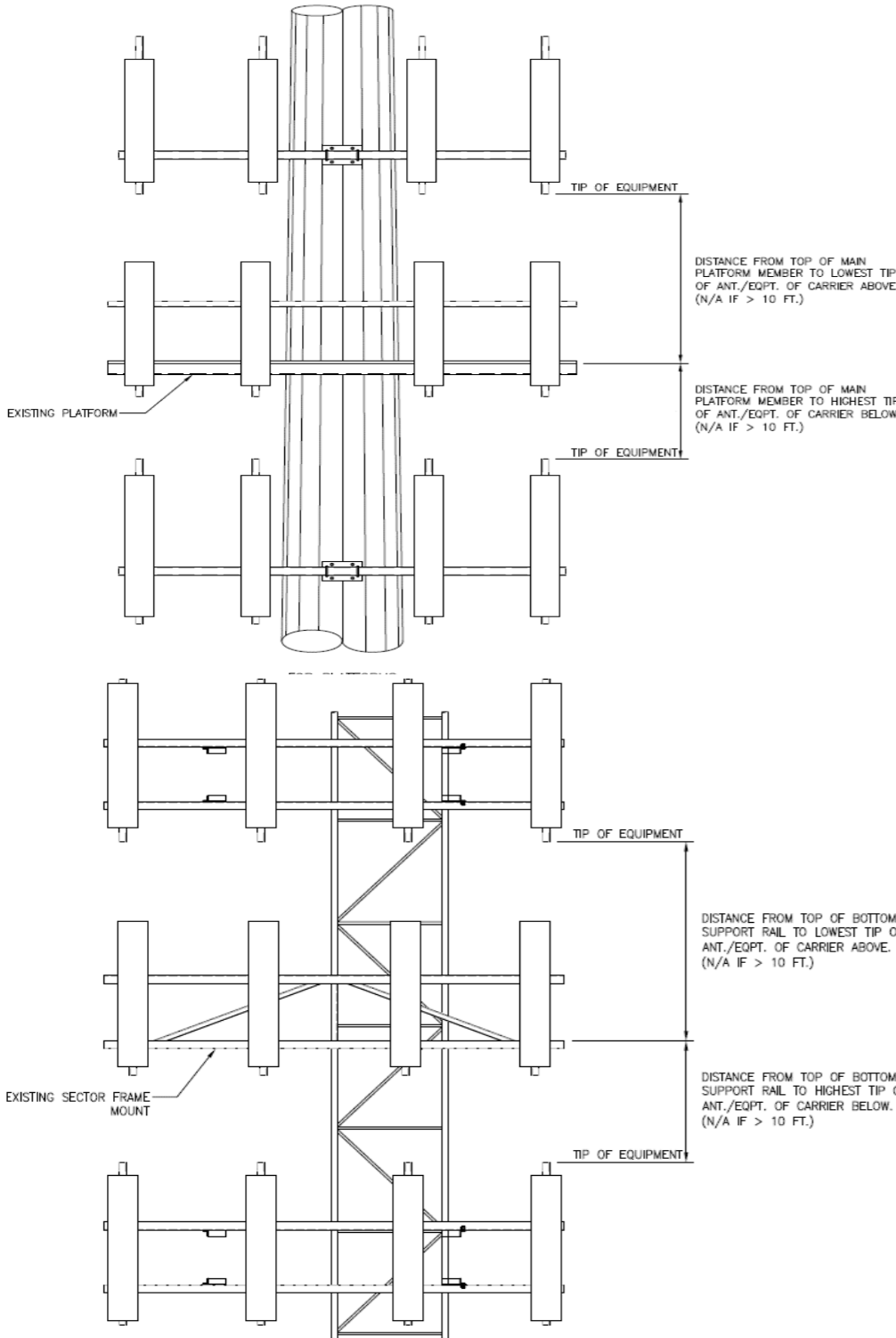


Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b _{1a} , b _{2a} , b _{3a} , b _{1b} ..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	
Sector A										
Ant _{1a}										
Ant _{1b}	SC 9012	6.50	8.00	43.00		141.542	27.00	9.50	35.00	56,92
Ant _{1c}										
Ant _{2a}										
Ant _{2b}	RT4401-48A	8.00	5.00	13.50		141.292	30.00	9.50	35.00	57,92
Ant _{2c}										
Ant _{3a}	(2) CBC78T-DS-43-2X	7.00	5.00	6.50		143.375	5.00	-7.50		68,93
Ant _{3b}	(2) JAHH-65B-R3B	14.00	9.00	72.00		140.792	36.00	13.00	35.00	67,93
Ant _{3c}										
Ant _{4a}	RFV01U-D1A	15.50	10.00	15.50		143.292	6.00	8.00		84,95
Ant _{4b}	RFV01U-D2A	15.50	12.00	15.50		143.292	6.00	-9.50		85,95
Ant _{4c}										
Ant _{5a}										
Ant _{5b}	SC 9012	6.50	8.00	43.00		141.792	24.00	9.50	35.00	56,96
Ant _{5c}										
Ant on Standoff	(2) RRFDC-3315-PF-48	15.00	10.00	28.00						108-113
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:	10.00	Deg	Leg A:		Deg	Ant _{1a}													
Sector B:	130.00	Deg	Leg B:		Deg	Ant _{1b}	APL868013-42TO	6.50	8.00	48.00	141.542	27.00	9.50	130.00	87,97				
Sector C:	250.00	Deg	Leg C:		Deg	Ant _{1c}													
Sector D:		Deg	Leg D:		Deg	Ant _{2a}													
Climbing Facility Information							Ant _{2b}	RT4401-48A	8.00	5.00	13.50	141.292	30.00	9.50	160.00	57,98			
Location:	155.00	Deg	N/A				Ant _{2c}												
Climbing Facility	Corrosion Type:		Good condition.				Ant _{3a}	(2) CBC78T-DS-43-2X	7.00	5.00	6.50	143.375	5.00	-7.50		68,99			
	Access:		Climbing path was unobstructed.				Ant _{3b}	(2) JAHH-65B-R3B	14.00	9.00	72.00	140.792	36.00	13.00	160.00	67,99			
	Condition:		Good condition.				Ant _{3c}												
						Ant _{4a}	RFV01U-D1A	15.50	10.00	15.50	143.292	6.00	8.00		84,100				
						Ant _{4b}	RFV01U-D2A	15.50	12.00	15.50	143.292	6.00	-9.50		85,100				
						Ant _{4c}													
						Ant _{5a}													
						Ant _{5b}	APL868013-42TO	6.50	8.00	48.00	141.542	27.00	9.50	160.00	87,101				
						Ant _{5c}													
						Ant on Standoff													
						Ant on Standoff													
						Ant on Tower													
						Ant on Tower													
Sector C							Ant _{1a}												
						Ant _{1b}	APL868013-42TO	6.50	8.00	48.00	141.542	27.00	9.50	250.00	87,102				
						Ant _{1c}													
						Ant _{2a}													
						Ant _{2b}	RT4401-48A	8.00	5.00	13.50	141.292	30.00	9.50	250.00	57,103				
						Ant _{2c}													
						Ant _{3a}	(2) CBC78T-DS-43-2X	7.00	5.00	6.50	143.375	5.00	-7.50		68,105				
						Ant _{3b}	(2) JAHH-65B-R3B	14.00	9.00	72.00	140.792	36.00	13.00	250.00	67,105				
						Ant _{3c}													
						Ant _{4a}	RFV01U-D1A	15.50	10.00	15.50	143.292	6.00	8.00		84,106				
						Ant _{4b}	RFV01U-D2A	15.50	12.00	15.50	143.292	6.00	-9.50		85,106				
						Ant _{4c}													
						Ant _{5a}													
						Ant _{5b}	APL868013-42TO	6.50	8.00	48.00	141.542	27.00	9.50	250.00	87,107				
						Ant _{5c}													
						Ant on Standoff													
						Ant on Standoff													
						Ant on Tower													
						Ant on Tower													
Sector D							Ant _{1a}												
						Ant _{1b}													
						Ant _{1c}													
						Ant _{2a}													
						Ant _{2b}													
						Ant _{2c}													
						Ant _{3a}													
						Ant _{3b}													
						Ant _{3c}													
						Ant _{4a}													
						Ant _{4b}													
						Ant _{4c}													
						Ant _{5a}													
						Ant _{5b}													
						Ant _{5c}													
						Ant on Standoff													
						Ant on Standoff													
						Ant on Tower													
						Ant on Tower													



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

1		
2	(12) 1-5/8"Ø COAX, (2) 1-1/4"Ø HYBRID	134-141
3		
4		
5		
6		
7		
8		

Mapping Notes

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

Standard Conditions

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



Antenna Mount Mapping Form (PATENT PENDING)

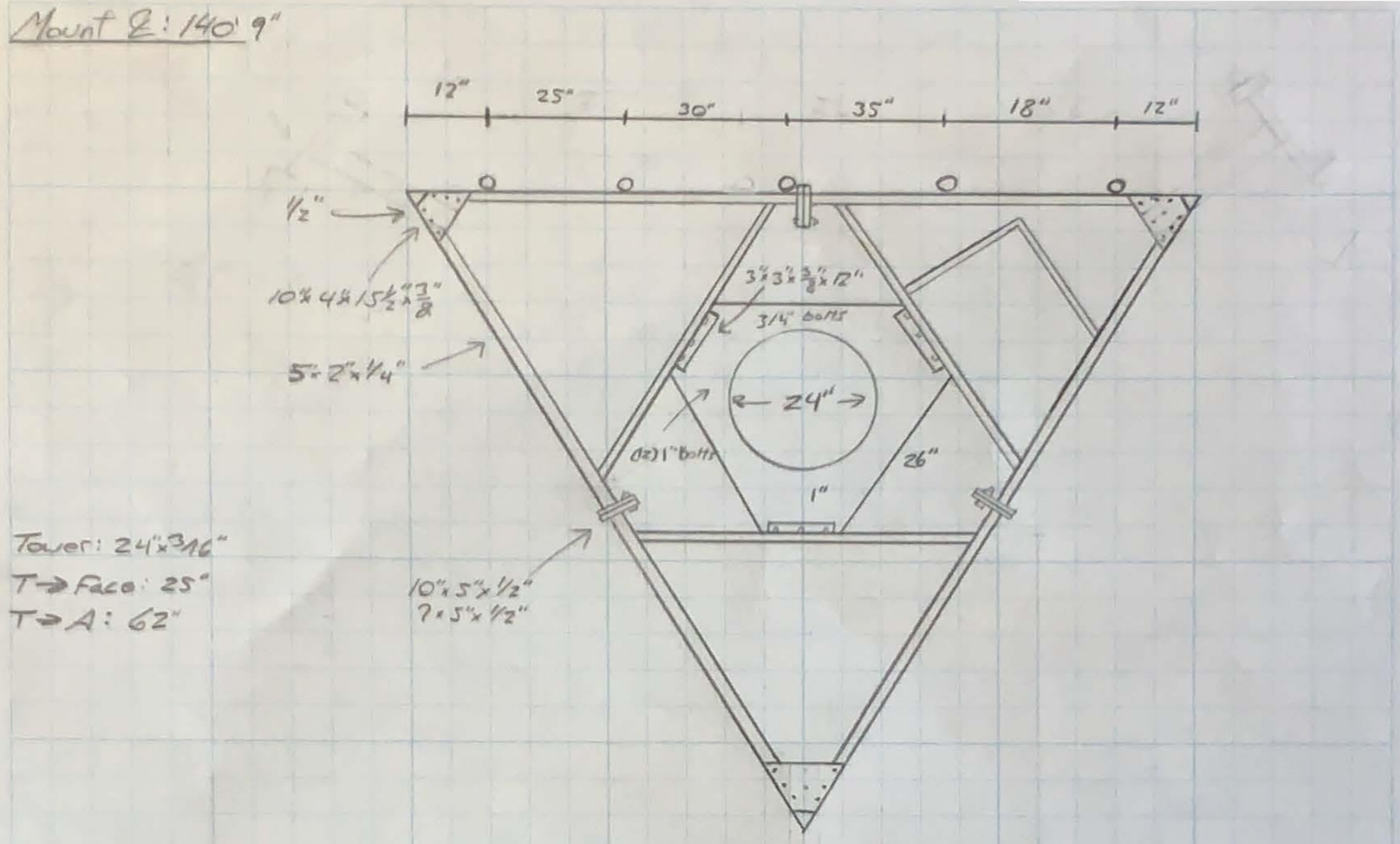
FCC #

Tower Owner:	AMERICAN TOWER	Mapping Date:	3/30/2021
Site Name:	TOLLAND CT	Tower Type:	Monopole
Site Number or ID:	468468	Tower Height (Ft.):	180
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	140.75

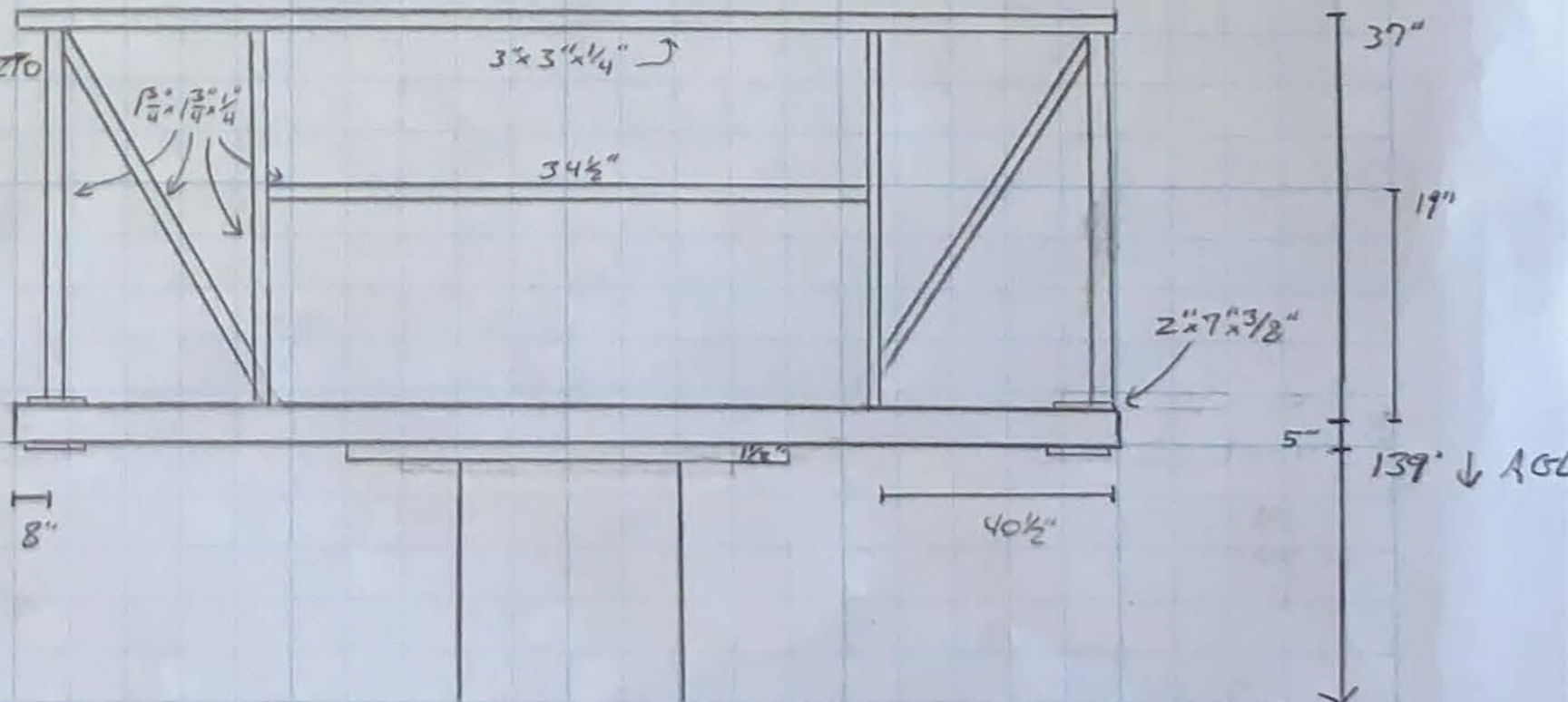
This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is prohibited except by express written permission of TES. All means and methods are the responsibility of the contractor and the work shall be compliant with ANSI/ASSE A 10.48, OSHA, FCC, FAA and other safety requirements that may apply. TES is not warranting the usability of the safety climb as it must be assessed prior to each use in compliance with OSHA requirements.

Please Insert Sketches of the Antenna Mount

DATE: 3-30-21
 Project Name: Tolland CT
 Project No.: _____
 Design By: Josh Chk'd By: _____ Page ____ of ____

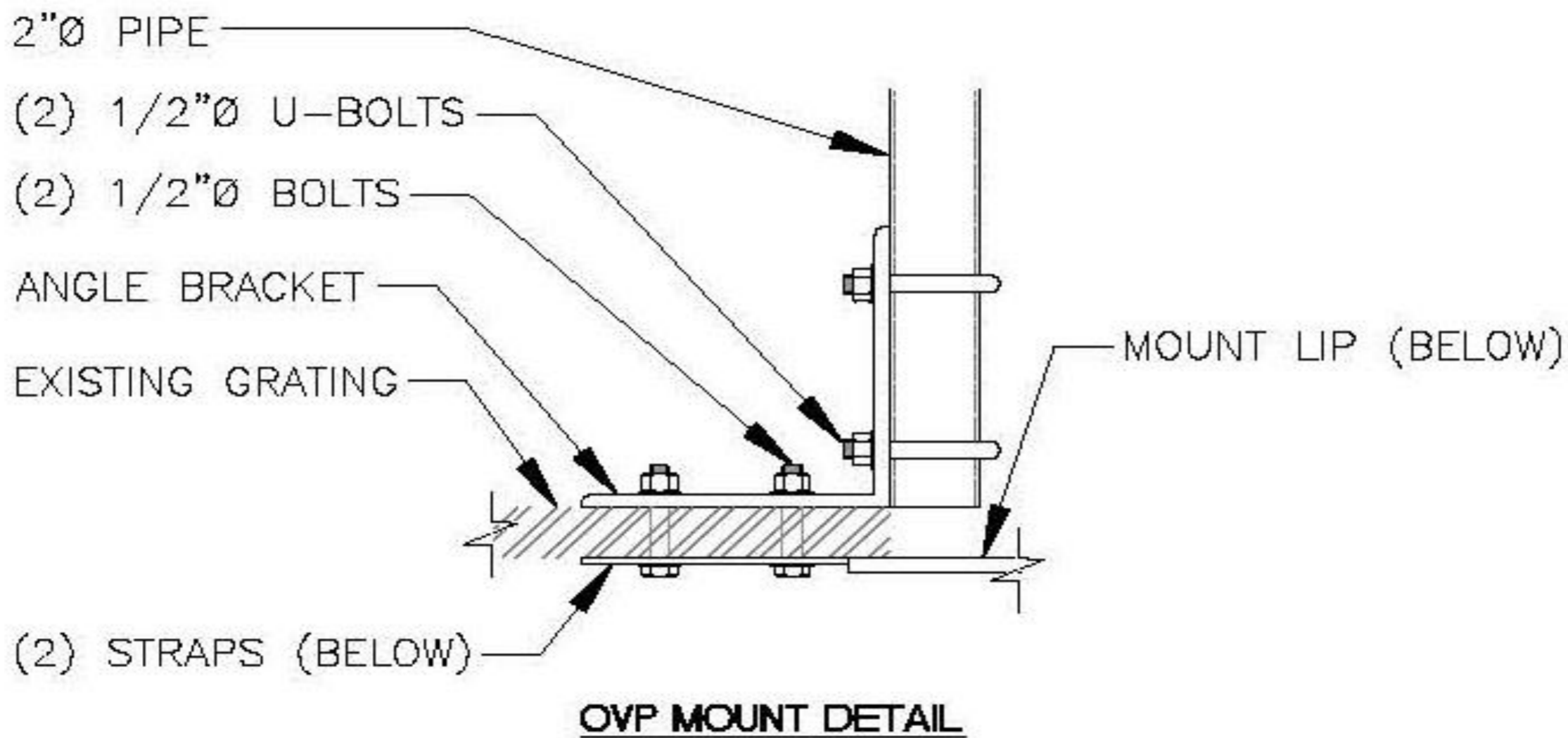


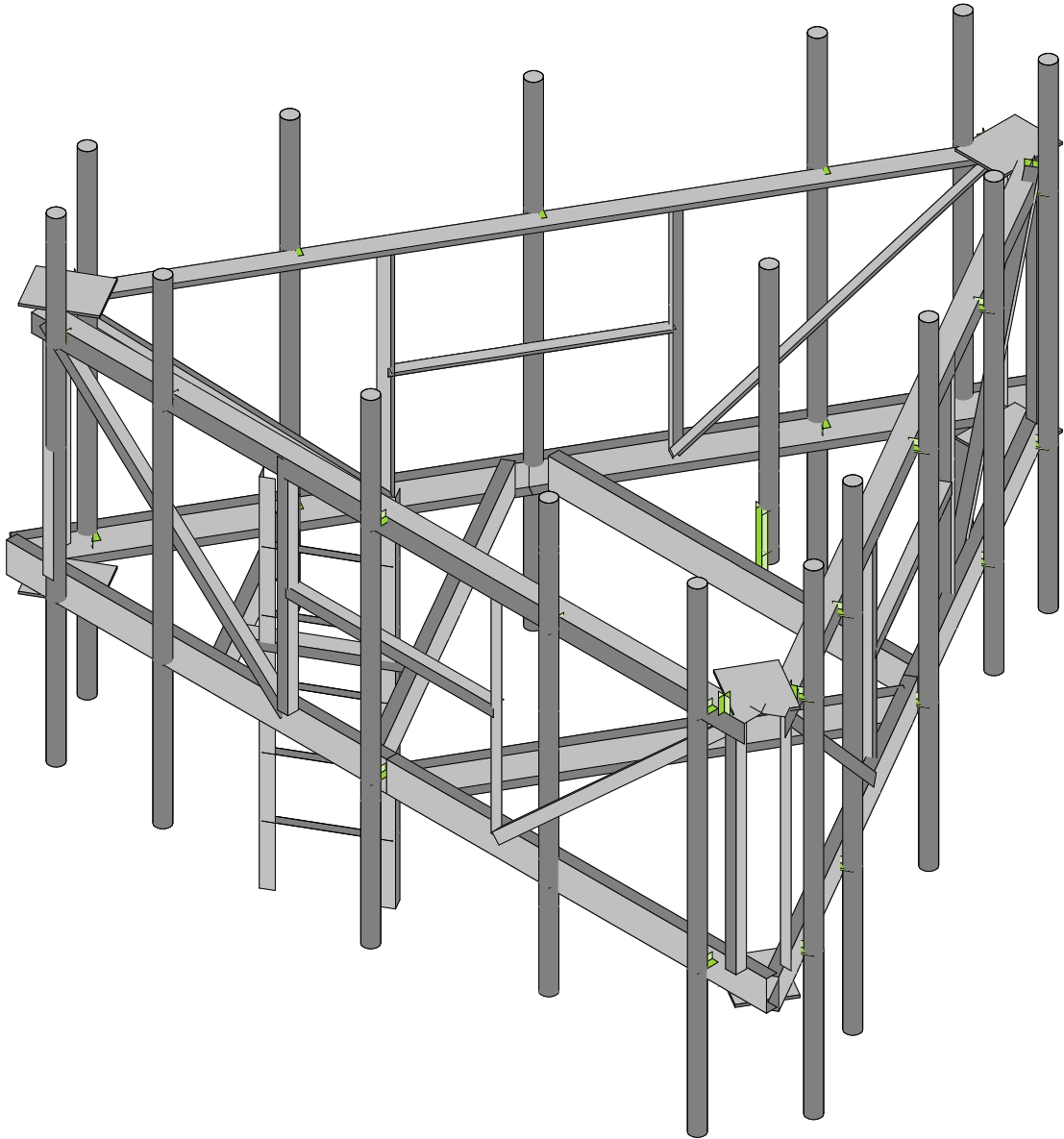
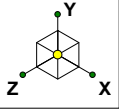
- Inventory
- (#1 - #5)
 - Alpha: SC 9012 rev2
 - Beta, Gamma: APL&68013-4270 #2
 - RT4401-48A
 - #3
 - (2) JAHH-658-R3B
 - #4
 - RRH, RRH



- RRH + TMA
- (6) E14F05P50 02 (2) OVP
 - (3) REVO10-D1A
 - (3) " " -D2A

157102

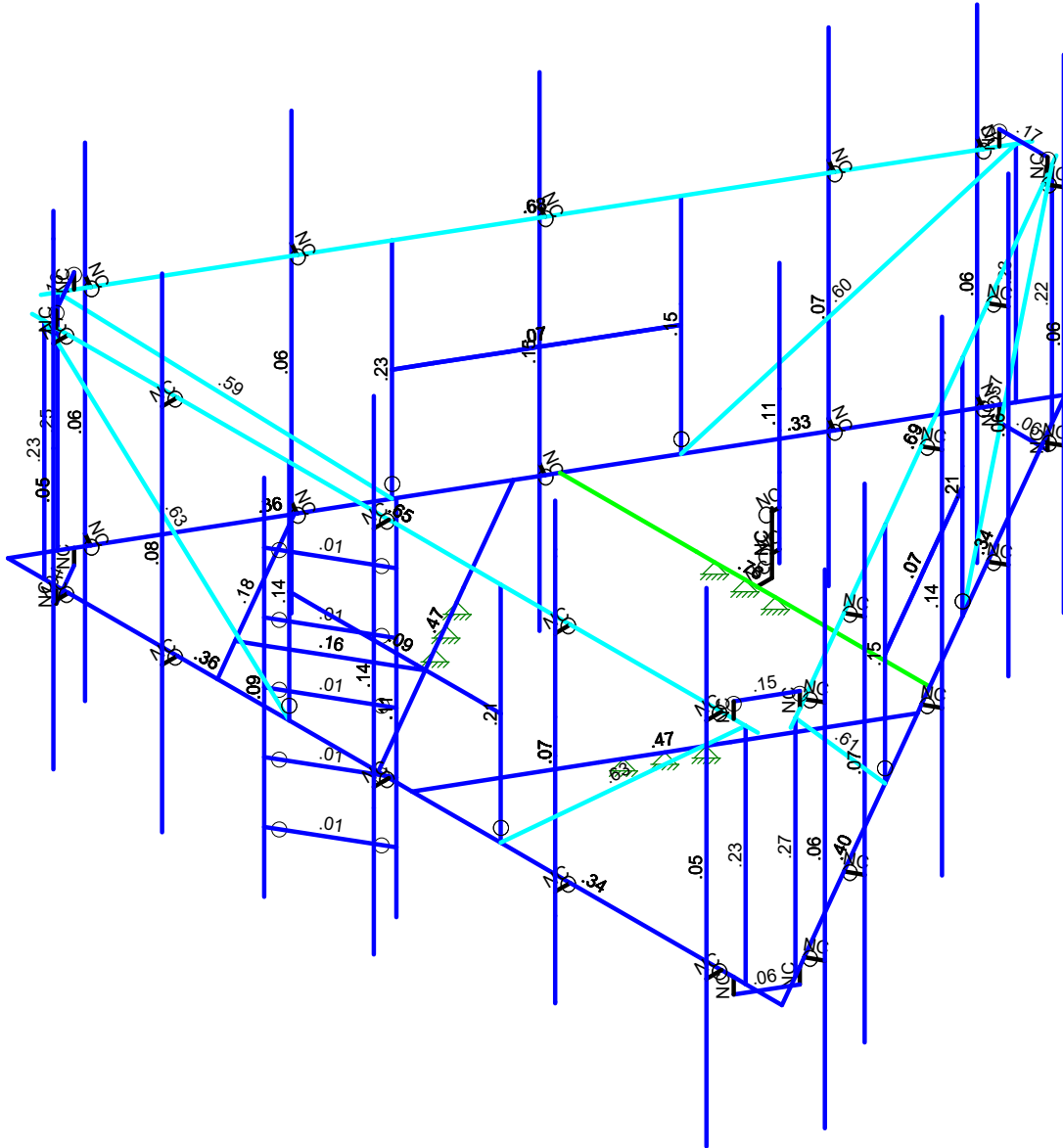
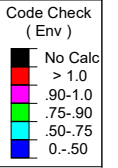
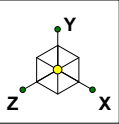




AE
Project No. 10207613

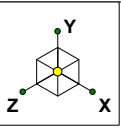
e

SK - 1
July 19, 2023 at 3:20 PM
5000243488-VZW_MT_LO_H.r3d



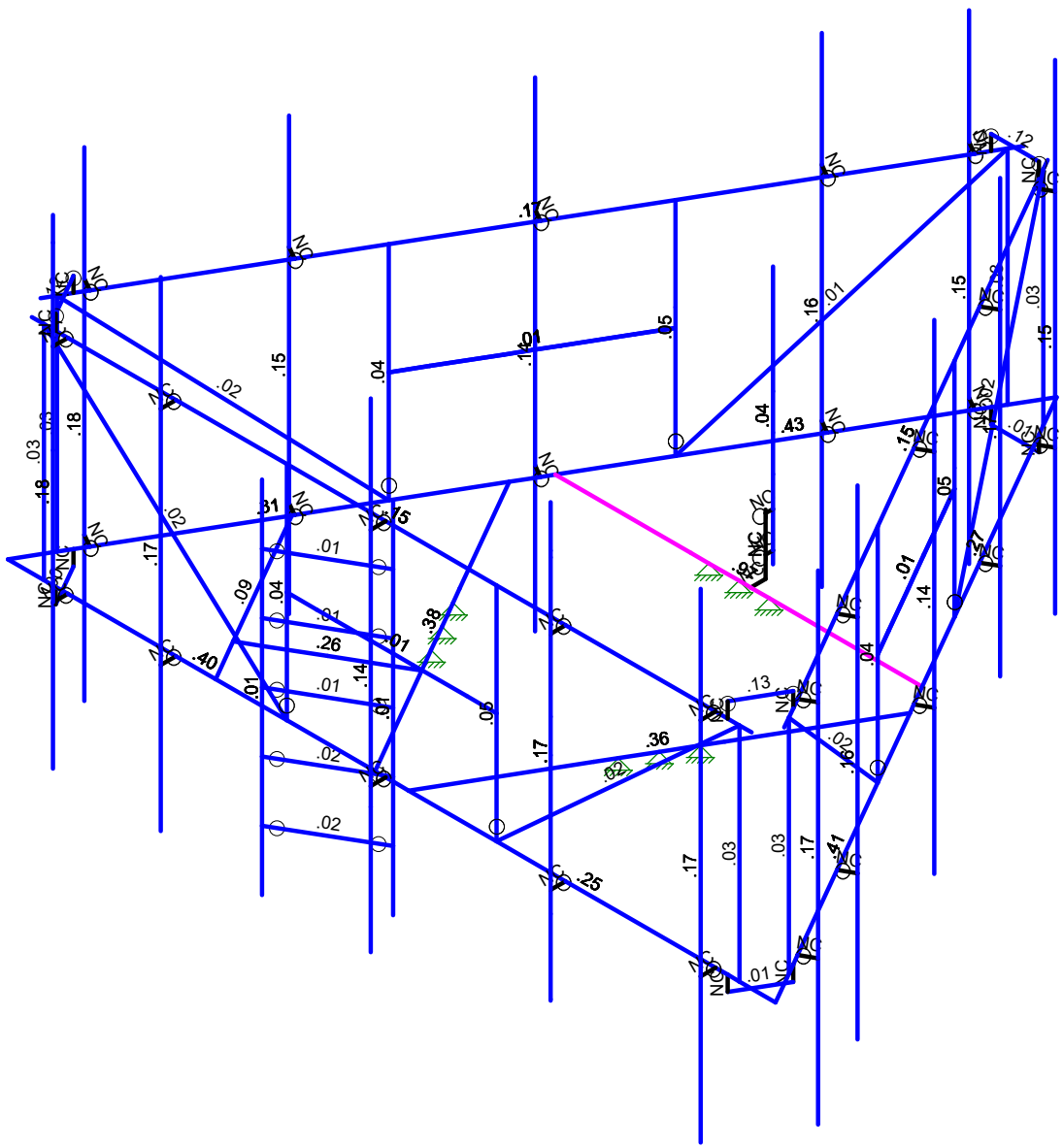
Member Code Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

	e	SK - 2
AE		July 19, 2023 at 3:20 PM
Project No. 10207613		5000243488-VZW_MT_LO_H.r3d



Shear Check (Env)

- No Calc
- > 1.0
- .90-1.0
- .75-.90
- .50-.75
- 0-.50



Member Shear Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

	e	SK - 3
AE		July 19, 2023 at 3:20 PM
Project No. 10207613		5000243488-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	DistributedArea(Me... Surface(...	
1	Antenna D	None					147		
2	Antenna Di	None					147		
3	Antenna Wo (0 Deg)	None					147		
4	Antenna Wo (30 Deg)	None					147		
5	Antenna Wo (60 Deg)	None					147		
6	Antenna Wo (90 Deg)	None					147		
7	Antenna Wo (120 Deg)	None					147		
8	Antenna Wo (150 Deg)	None					147		
9	Antenna Wo (180 Deg)	None					147		
10	Antenna Wo (210 Deg)	None					147		
11	Antenna Wo (240 Deg)	None					147		
12	Antenna Wo (270 Deg)	None					147		
13	Antenna Wo (300 Deg)	None					147		
14	Antenna Wo (330 Deg)	None					147		
15	Antenna Wi (0 Deg)	None					147		
16	Antenna Wi (30 Deg)	None					147		
17	Antenna Wi (60 Deg)	None					147		
18	Antenna Wi (90 Deg)	None					147		
19	Antenna Wi (120 Deg)	None					147		
20	Antenna Wi (150 Deg)	None					147		
21	Antenna Wi (180 Deg)	None					147		
22	Antenna Wi (210 Deg)	None					147		
23	Antenna Wi (240 Deg)	None					147		
24	Antenna Wi (270 Deg)	None					147		
25	Antenna Wi (300 Deg)	None					147		
26	Antenna Wi (330 Deg)	None					147		
27	Antenna Wm (0 Deg)	None					147		
28	Antenna Wm (30 Deg)	None					147		
29	Antenna Wm (60 Deg)	None					147		
30	Antenna Wm (90 Deg)	None					147		
31	Antenna Wm (120 Deg)	None					147		
32	Antenna Wm (150 Deg)	None					147		
33	Antenna Wm (180 Deg)	None					147		
34	Antenna Wm (210 Deg)	None					147		
35	Antenna Wm (240 Deg)	None					147		
36	Antenna Wm (270 Deg)	None					147		
37	Antenna Wm (300 Deg)	None					147		
38	Antenna Wm (330 Deg)	None					147		
39	Structure D	None		-1					7
40	Structure Di	None						66	7
41	Structure Wo (0 Deg)	None						132	
42	Structure Wo (30 Deg)	None						132	
43	Structure Wo (60 Deg)	None						132	
44	Structure Wo (90 Deg)	None						132	
45	Structure Wo (120 Deg)	None						132	
46	Structure Wo (150 Deg)	None						132	
47	Structure Wo (180 Deg)	None						132	
48	Structure Wo (210 Deg)	None						132	
49	Structure Wo (240 Deg)	None						132	
50	Structure Wo (270 Deg)	None						132	
51	Structure Wo (300 Deg)	None						132	
52	Structure Wo (330 Deg)	None						132	
53	Structure Wi (0 Deg)	None						132	
54	Structure Wi (30 Deg)	None						132	
55	Structure Wi (60 Deg)	None						132	
56	Structure Wi (90 Deg)	None						132	



Company :
 Designer : AE
 Job Number : Project No. 10207613
 Model Name : e

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Basic Load Cases (Continued)

BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	DistributedArea(Me... Surface(...
57 Structure Wi (120 Deg)	None						132
58 Structure Wi (150 Deg)	None						132
59 Structure Wi (180 Deg)	None						132
60 Structure Wi (210 Deg)	None						132
61 Structure Wi (240 Deg)	None						132
62 Structure Wi (270 Deg)	None						132
63 Structure Wi (300 Deg)	None						132
64 Structure Wi (330 Deg)	None						132
65 Structure Wm (0 Deg)	None						132
66 Structure Wm (30 Deg)	None						132
67 Structure Wm (60 Deg)	None						132
68 Structure Wm (90 Deg)	None						132
69 Structure Wm (120 Deg)	None						132
70 Structure Wm (150 Deg)	None						132
71 Structure Wm (180 Deg)	None						132
72 Structure Wm (210 Deg)	None						132
73 Structure Wm (240 Deg)	None						132
74 Structure Wm (270 Deg)	None						132
75 Structure Wm (300 Deg)	None						132
76 Structure Wm (330 Deg)	None						132
77 Lm1	None					1	
78 Lm2	None					1	
79 Lv1	None					1	
80 Lv2	None					1	
81 Antenna Ev	None					147	
82 Antenna Eh (0 Deg)	None					98	
83 Antenna Eh (90 Deg)	None					98	
84 Structure Ev	ELY		-039				7
85 Structure Eh (0 Deg)	ELZ			-097			7
86 Structure Eh (90 Deg)	ELX	.097					7
87 BLC 39 Transient Area Loads	None						87
88 BLC 40 Transient Area Loads	None						87
89 BLC 84 Transient Area Loads	None						87
90 BLC 85 Transient Area Loads	None						87
91 BLC 86 Transient Area Loads	None						87

Load Combinations

Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLCFa...	BLC Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1 1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1								
2 1.2D+1.0Wo (30 D...	Yes	Y		1	1.2	39	1.2	4	1	42	1								
3 1.2D+1.0Wo (60 D...	Yes	Y		1	1.2	39	1.2	5	1	43	1								
4 1.2D+1.0Wo (90 D...	Yes	Y		1	1.2	39	1.2	6	1	44	1								
5 1.2D+1.0Wo (120 ...	Yes	Y		1	1.2	39	1.2	7	1	45	1								
6 1.2D+1.0Wo (150 ...	Yes	Y		1	1.2	39	1.2	8	1	46	1								
7 1.2D+1.0Wo (180 ...	Yes	Y		1	1.2	39	1.2	9	1	47	1								
8 1.2D+1.0Wo (210 ...	Yes	Y		1	1.2	39	1.2	10	1	48	1								
9 1.2D+1.0Wo (240 ...	Yes	Y		1	1.2	39	1.2	11	1	49	1								
10 1.2D+1.0Wo (270 ...	Yes	Y		1	1.2	39	1.2	12	1	50	1								
11 1.2D+1.0Wo (300 ...	Yes	Y		1	1.2	39	1.2	13	1	51	1								
12 1.2D+1.0Wo (330 ...	Yes	Y		1	1.2	39	1.2	14	1	52	1								
13 1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1				
14 1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1				
15 1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1				
16 1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1				
17 1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1				



Company :
 Designer : AE
 Job Number : Project No. 10207613
 Model Name : e

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Load Combinations (Continued)

Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLCFa...	BLCFa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...			
75	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-5	E...	.866	E...	-5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0	3.0792	0	
2	N2	5.333333	0	3.0792	0	
3	N3	-5.333333	0	3.0792	0	
4	N4	-2.666667	0	-1.539602	0	
5	N5	-0.	0	-6.158404	0	
6	N7	2.666667	0	-1.539602	0	
7	N7A	0	0	-0.000001	0	
8	N8	-0.	0	-1.741738	0	
9	N11	2.549964	0	-1.741738	0	
10	N12	-2.549964	0	-1.741738	0	
11	N11A	-2.783371	0	-1.337465	0	
12	N12A	-0.233408	0	3.0792	0	
13	N13	0.233408	0	3.0792	0	
14	N14	2.783371	0	-1.337465	0	
15	N15	-4.5	0	3.0792	0	
16	N20	-5.000001	0	2.501852	0	
17	N25	-4.666667	-0.208333	3.0792	0	
18	N26	-4.999999	-0.208333	2.501852	0	
19	N22	5.000001	0	2.501852	0	
20	N23	4.666667	0	3.0792	0	
21	N25A	4.999999	-0.208333	2.501852	0	
22	N26A	4.666667	-0.208333	3.0792	0	
23	N29	-0.333335	0	-5.581052	0	
24	N30	0.333335	0	-5.581052	0	
25	N32	-0.333332	-0.208333	-5.581052	0	
26	N33	0.333332	-0.208333	-5.581052	0	
27	N36	0	3.083333	3.0792	0	
28	N39	-2.666667	3.083333	-1.539602	0	
29	N41	2.666667	3.083333	-1.539602	0	
30	N50	-4.5	3.083333	3.0792	0	
31	N51	-4.999999	3.083333	2.501852	0	
32	N52	4.999999	3.083333	2.501852	0	
33	N53	4.666667	3.083333	3.0792	0	
34	N54	-0.333332	3.083333	-5.581052	0	
35	N55	0.333332	3.083333	-5.581052	0	
36	N56	-5	3.083333	3.0792	0	
37	N57	5	3.083333	3.0792	0	
38	N58	5.166665	3.083333	2.790527	0	
39	N59	0.166665	3.083333	-5.869727	0	
40	N60	-0.166665	3.083333	-5.869727	0	
41	N61	-5.166665	3.083333	2.790527	0	
42	N55A	-4.666667	3.291667	3.0792	0	
43	N56A	-4.999999	3.291667	2.501852	0	
44	N64	4.999999	3.291667	2.501852	0	
45	N65	4.666667	3.291667	3.0792	0	
46	N75	-0.333332	3.291667	-5.581052	0	
47	N76	0.333332	3.291667	-5.581052	0	
48	N72	0.416667	0	-1.741738	0	
49	N73	-0.416667	0	-1.741738	0	
50	N74	-1.508389	0	0.870869	0	
51	N75A	-1.716722	0	0.510025	0	



Company :
 Designer : AE
 Job Number : Project No. 10207613
 Model Name : e

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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N76A	-1.300056	0	1.231713	0	
53	N77A	1.508389	0	0.870869	0	
54	N78A	1.300056	0	1.231713	0	
55	N79A	1.716722	0	0.510025	0	
56	N80A	1.458333	0	3.0792	0	
57	N81A	1.458333	3.083333	3.0792	0	
58	N82	-1.458333	0	3.0792	0	
59	N83	-1.458333	3.083333	3.0792	0	
60	N84	-1.458333	1.541667	3.0792	0	
61	N85	1.458333	1.541667	3.0792	0	
62	N86	4.833333	0	3.0792	0	
63	N87	4.833333	3.083333	3.0792	0	
64	N88	-4.833333	0	3.0792	0	
65	N89	-4.833333	3.083333	3.0792	0	
66	N90	1.937501	0	-2.802554	0	
67	N91	1.937499	3.083333	-2.802554	0	
68	N92	3.395835	0	-0.276646	0	
69	N93	3.395832	3.083333	-0.276646	0	
70	N94	3.395835	1.541667	-0.276646	0	
71	N95	1.937501	1.541667	-2.802554	0	
72	N96	0.250001	0	-5.725389	0	
73	N97	0.249999	3.083333	-5.725389	0	
74	N98	5.083335	0	2.646189	0	
75	N99	5.083332	3.083333	2.646189	0	
76	N100	-3.395835	0	-0.276646	0	
77	N101	-3.395832	3.083333	-0.276646	0	
78	N102	-1.937501	0	-2.802554	0	
79	N103	-1.937499	3.083333	-2.802554	0	
80	N104	-1.937501	1.541667	-2.802554	0	
81	N105	-3.395835	1.541667	-0.276646	0	
82	N106	-5.083335	0	2.646189	0	
83	N107	-5.083332	3.083333	2.646189	0	
84	N108	-0.250001	0	-5.725389	0	
85	N109	-0.249999	3.083333	-5.725389	0	
86	N134	0	1.541667	3.0792	0	
87	N135	2.666665	1.541667	-1.5396	0	
88	N136	-2.666665	1.541667	-1.5396	0	
89	N137	0.291667	1.541667	3.0792	0	
90	N138	-0.291667	1.541667	3.0792	0	
91	N139	1.041667	1.541667	3.0792	0	
92	N140	-1.041667	1.541667	3.0792	0	
93	N141	2.520832	1.541667	-1.792191	0	
94	N142	2.812499	1.541667	-1.287009	0	
95	N143	2.145832	1.541667	-2.44171	0	
96	N144	3.1875	1.541667	-0.637492	0	
97	N145	-2.812499	1.541667	-1.287009	0	
98	N146	-2.520832	1.541667	-1.792191	0	
99	N147	-3.1875	1.541667	-0.637492	0	
100	N148	-2.145832	1.541667	-2.44171	0	
101	N149	1.937501	1.791667	-2.802554	0	
102	N150	-1.937501	1.791667	-2.802554	0	
103	N152	4.5	0	3.0792	0	
104	N154	4.5	3.083333	3.0792	0	
105	N157	4.5	0	3.287533	0	
106	N158	4.5	3.083333	3.287533	0	
107	N159	4.5	-2	3.287533	0	
108	N160	4.5	4.666667	3.287533	0	



Company :
 Designer : AE
 Job Number : Project No. 10207613
 Model Name : e

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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N131	2.416667	0	3.0792	0	
110	N132	2.416667	3.083333	3.0792	0	
111	N133	2.416667	0	3.287533	0	
112	N134A	2.416667	3.083333	3.287533	0	
113	N136A	2.416667	4.666667	3.287533	0	
114	N137A	-0.083333	0	3.0792	0	
115	N138A	-0.083333	3.083333	3.0792	0	
116	N139A	-0.083333	0	3.287533	0	
117	N140A	-0.083333	3.083333	3.287533	0	
118	N141A	-0.083333	-2	3.287533	0	
119	N142A	-0.083333	4.666667	3.287533	0	
120	N143A	-3	0	3.0792	0	
121	N144A	-3	3.083333	3.0792	0	
122	N145A	-3	0	3.287533	0	
123	N146A	-3	3.083333	3.287533	0	
124	N147A	-3	-2	3.287533	0	
125	N148A	-3	4.666667	3.287533	0	
126	N151	-4.5	0	3.287533	0	
127	N152A	-4.5	3.083333	3.287533	0	
128	N153	-4.5	-2	3.287533	0	
129	N154A	-4.5	4.666667	3.287533	0	
130	N154B	4.916665	0	2.357514	0	
131	N155	4.916665	3.083333	2.357514	0	
132	N156	0.416665	0	-5.436714	0	
133	N157A	0.416665	3.083333	-5.436714	0	
134	N158A	0.597087	0	-5.540881	0	
135	N159A	0.597087	3.083333	-5.540881	0	
136	N160A	0.597087	-2	-5.540881	0	
137	N161	0.597087	4.666667	-5.540881	0	
138	N162	1.458332	0	-3.632495	0	
139	N163	1.458332	3.083333	-3.632495	0	
140	N164	1.638754	0	-3.736661	0	
141	N165	1.638754	3.083333	-3.736661	0	
142	N167	1.638754	4.666667	-3.736661	0	
143	N168	2.708332	0	-1.467431	0	
144	N169	2.708332	3.083333	-1.467431	0	
145	N170	2.888754	0	-1.571598	0	
146	N171	2.888754	3.083333	-1.571598	0	
147	N172	2.888754	-2	-1.571598	0	
148	N173	2.888754	4.666667	-1.571598	0	
149	N174	4.166665	0	1.058476	0	
150	N175	4.166665	3.083333	1.058476	0	
151	N176	4.347087	0	0.95431	0	
152	N177	4.347087	3.083333	0.95431	0	
153	N178	4.347087	-2	0.95431	0	
154	N179	4.347087	4.666667	0.95431	0	
155	N180	5.097087	0	2.253348	0	
156	N181	5.097087	3.083333	2.253348	0	
157	N182	5.097087	-2	2.253348	0	
158	N183	5.097087	4.666667	2.253348	0	
159	N185	-0.416665	0	-5.436714	0	
160	N186	-0.416665	3.083333	-5.436714	0	
161	N187	-4.916665	0	2.357514	0	
162	N188	-4.916665	3.083333	2.357514	0	
163	N189	-5.097087	0	2.253348	0	
164	N190	-5.097087	3.083333	2.253348	0	
165	N191	-5.097087	-2	2.253348	0	



Company :
 Designer : AE
 Job Number : Project No. 10207613
 Model Name : e

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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N192	-5.097087	4.666667	2.253348	0	
167	N193	-3.874999	0	0.553295	0	
168	N194	-3.874999	3.083333	0.553295	0	
169	N195	-4.055421	0	0.449128	0	
170	N196	-4.055421	3.083333	0.449128	0	
171	N198	-4.055421	4.666667	0.449128	0	
172	N199	-2.624999	0	-1.611769	0	
173	N200	-2.624999	3.083333	-1.611769	0	
174	N201	-2.805421	0	-1.715935	0	
175	N202	-2.805421	3.083333	-1.715935	0	
176	N203	-2.805421	-2	-1.715935	0	
177	N204	-2.805421	4.666667	-1.715935	0	
178	N205	-1.166665	0	-4.137676	0	
179	N206	-1.166665	3.083333	-4.137676	0	
180	N207	-1.347087	0	-4.241843	0	
181	N208	-1.347087	3.083333	-4.241843	0	
182	N209	-1.347087	-2	-4.241843	0	
183	N210	-1.347087	4.666667	-4.241843	0	
184	N211	-0.597087	0	-5.540881	0	
185	N212	-0.597087	3.083333	-5.540881	0	
186	N213	-0.597087	-2	-5.540881	0	
187	N214	-0.597087	4.666667	-5.540881	0	
188	N210A	-4.666667	3.083333	3.0792	0	
189	N212A	2.416667	-1.333333	3.287533	0	
190	N213A	1.638754	-1.333333	-3.736661	0	
191	N215	-4.055421	-1.333333	0.449128	0	
192	N214A	-3.889959	0	0.579202	0	
193	N215A	-2.446583	0	3.079202	0	
194	N216	-2.779917	0	2.501852	0	
195	N217A	-1.120035	0	1.543519	0	
196	N218	-1.949976	0	2.022685	0	
197	N219	-1.372625	0	1.689352	0	
198	N220B	-2.527326	0	2.356019	0	
199	N221A	-1.372625	2	1.689352	0	
200	N222B	-2.527326	2	2.356019	0	
201	N223A	-1.372625	-3	1.689352	0	
202	N224A	-2.527326	-3	2.356019	0	
203	N225A	-1.372625	1.166667	1.689352	0	
204	N226A	-1.372625	0.333333	1.689352	0	
205	N227A	-1.372625	-5	1.689352	0	
206	N228A	-1.372625	-1.333333	1.689352	0	
207	N229A	-1.372625	-2.166667	1.689352	0	
208	N230A	-2.527326	-2.166667	2.356019	0	
209	N231A	-2.527326	-1.333333	2.356019	0	
210	N232A	-2.527326	-5	2.356019	0	
211	N233A	-2.527326	0.333333	2.356019	0	
212	N234A	-2.527326	1.166667	2.356019	0	
213	N216A	0.166667	0	-1.741738	0	
214	N217B	0.166667	0	-1.950071	0	
215	N218A	0.166667	0.791667	-1.950071	0	
216	N217C	0.166667	0.791667	-2.050071	0	
217	N218B	0.166667	.125	-2.050071	0	
218	N219A	0.166667	3.708333	-2.050071	0	
219	N220	-4.666667	0	3.0792	0	
220	N222A	-4.5	4.333333	3.287533	0	
221	N223	-4.5	1.833333	3.287533	0	
222	N223B	-0.083333	3.25	3.287533	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
223	N224	-0.083333	-0.25	3.287533	0	
224	N225	2.416667	4	3.287533	0	
225	N226	2.416667	4.083333	3.287533	0	
226	N227	2.416667	2.083333	3.287533	0	
227	N228	2.416667	-1.316667	3.287533	0	
228	N229	2.416667	1.620833	3.287533	0	
229	N230	2.416667	0.2875	3.287533	0	
230	N231	2.416667	-0.291667	3.287533	0	
231	N232	0.166667	2.208333	-2.050071	0	
232	N233	-0.666667	0	-1.741738	0	
233	N235	-1.841721	0	0.293516	0	
234	N236	-1.175054	0	1.448217	0	
235	N238	1.175054	0	1.448217	0	
236	N239	1.841721	0	0.293516	0	
237	N238A	0.166667	0.291667	-1.950071	0	
238	N239A	0.166667	0.291667	-2.050071	0	
239	N240	0.166667	0.833333	-1.950071	0	
240	N240A	0.166667	1.208333	-2.050071	0	
241	N241	0.166667	1.708333	-2.050071	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in ²]	Iyy [in ⁴]	Izz [in ⁴]	J [in ⁴]
1	Mount Pipe	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	FH	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
3	S.O. Hor	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
4	Corner Channel	C6X8.2	Beam	Channel	A36 Gr.36	Typical	2.39	.687	13.1	.074
5	TES Face Bracing	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
6	Ladder	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
7	Support Rail	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
8	Ladder Rungs	SR_0.75	Beam	Single Angle	A36 Gr.36	Typical	.442	.016	.016	.031
9	Face Bracing	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical	.813	.227	.227	.015
10	Kicker	L1.5x1.5x2_...	Beam	Single Angle	A36 Gr.36	Typical	.4	.086	.086	.002
11	Crossmember	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
12	Corner Plate	PL3/8x10	Beam	RECT	A36 Gr.36	Typical	3.75	.044	31.25	.172

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N3	N1		180	FH	Beam	Channel	A36 Gr.36	Typical
2	M2	N1	N2		180	FH	Beam	Channel	A36 Gr.36	Typical
3	M3	N2	N7		180	FH	Beam	Channel	A36 Gr.36	Typical
4	M4	N7	N5		180	FH	Beam	Channel	A36 Gr.36	Typical
5	M5	N5	N4		180	FH	Beam	Channel	A36 Gr.36	Typical
6	M6	N4	N3		180	FH	Beam	Channel	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
7	M7	N12	N11		180	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
8	M8	N12A	N11A		180	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
9	M9	N14	N13		180	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
10	M13	N25	N26		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
11	M14	N220	N25			RIGID	None	None	RIGID	Typical
12	M15	N20	N26			RIGID	None	None	RIGID	Typical
13	M14A	N25A	N26A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
14	M16	N22	N25A			RIGID	None	None	RIGID	Typical
15	M17	N23	N26A			RIGID	None	None	RIGID	Typical
16	M18	N32	N33		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
17	M20	N29	N32			RIGID	None	None	RIGID	Typical
18	M21	N30	N33			RIGID	None	None	RIGID	Typical
19	M25	N61	N60		90	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
20	M26	N57	N56		90	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
21	M27	N59	N58		90	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
22	M34	N56A	N55A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
23	M41	N53	N65			RIGID	None	None	RIGID	Typical
24	M42	N65	N64		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
25	M50	N76	N75		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
26	M52	N82	N83		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
27	M53	N80A	N81A		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
28	M54	N85	N84		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
29	M55	N86	N87		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
30	M56	N88	N89		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
31	M57	N82	N89		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
32	M58	N80A	N87		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
33	M61	N95	N94		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
34	M62	N96	N97		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
35	M63	N98	N99		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
36	M68	N105	N104		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
37	M69	N106	N107		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
38	M70	N108	N109		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
39	M96	N154	N158			RIGID	None	None	RIGID	Typical
40	M97	N152	N157			RIGID	None	None	RIGID	Typical
41	MP1A	N160	N159			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
42	M64A	N132	N134A			RIGID	None	None	RIGID	Typical
43	M65A	N131	N133			RIGID	None	None	RIGID	Typical
44	M67A	N138A	N140A			RIGID	None	None	RIGID	Typical
45	M68A	N137A	N139A			RIGID	None	None	RIGID	Typical
46	MP3A	N142A	N141A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
47	M70A	N144A	N146A			RIGID	None	None	RIGID	Typical
48	M71A	N143A	N145A			RIGID	None	None	RIGID	Typical
49	MP4A	N148A	N147A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
50	M73	N50	N152A			RIGID	None	None	RIGID	Typical
51	M74	N15	N151			RIGID	None	None	RIGID	Typical
52	MP5A	N154A	N153			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
53	M76	N157A	N159A			RIGID	None	None	RIGID	Typical
54	M77	N156	N158A			RIGID	None	None	RIGID	Typical
55	MP1C	N161	N160A		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
56	M79	N163	N165			RIGID	None	None	RIGID	Typical
57	M80	N162	N164			RIGID	None	None	RIGID	Typical
58	M82	N169	N171			RIGID	None	None	RIGID	Typical
59	M83	N168	N170			RIGID	None	None	RIGID	Typical
60	MP3C	N173	N172		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
61	M85	N175	N177			RIGID	None	None	RIGID	Typical
62	M86	N174	N176			RIGID	None	None	RIGID	Typical
63	MP4C	N179	N178		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
64	M88	N155	N181			RIGID	None	None	RIGID	Typical
65	M89	N154B	N180			RIGID	None	None	RIGID	Typical
66	MP5C	N183	N182		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
67	M91	N188	N190			RIGID	None	None	RIGID	Typical
68	M92	N187	N189			RIGID	None	None	RIGID	Typical
69	MP1B	N192	N191		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
70	M94	N194	N196			RIGID	None	None	RIGID	Typical
71	M95	N193	N195			RIGID	None	None	RIGID	Typical
72	M97A	N200	N202			RIGID	None	None	RIGID	Typical
73	M98A	N199	N201			RIGID	None	None	RIGID	Typical
74	MP3B	N204	N203		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
75	M100	N206	N208			RIGID	None	None	RIGID	Typical
76	M101	N205	N207			RIGID	None	None	RIGID	Typical
77	MP4B	N210	N209		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
78	M103	N186	N212			RIGID	None	None	RIGID	Typical
79	M104	N185	N211			RIGID	None	None	RIGID	Typical
80	MP5B	N214	N213		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
81	M98B	N210A	N55A			RIGID	None	None	RIGID	Typical
82	M99A	N55	N76		120	RIGID	None	None	RIGID	Typical
83	M100A	N52	N64		120	RIGID	None	None	RIGID	Typical
84	M101A	N51	N56A		240	RIGID	None	None	RIGID	Typical
85	M102A	N54	N75		240	RIGID	None	None	RIGID	Typical
86	MP2A	N136A	N212A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
87	MP2C	N167	N213A		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
88	MP2B	N198	N215		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
89	M106	N215A	N214A		180	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
90	M107	N216	N217A			Ladder	Beam	Single Angle	A36 Gr.36	Typical
91	M108	N221A	N223A		330	Ladder	Beam	Single Angle	A36 Gr.36	Typical
92	M109	N224A	N222B		210	Ladder	Beam	Single Angle	A36 Gr.36	Typical
93	M110	N225A	N234A			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
94	M111	N233A	N226A			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
95	M112	N227A	N232A			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
96	M113	N231A	N228A			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
97	M114	N229A	N230A			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
98	M108A	N216A	N217B			RIGID	None	None	RIGID	Typical
99	M109A	N217B	N240			RIGID	None	None	RIGID	Typical
100	M108B	N218A	N217C			RIGID	None	None	RIGID	Typical
101	OVP	N219A	N218B			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
102	M110A	N238A	N239A			RIGID	None	None	RIGID	Typical
103	M103A	N92	N93		30	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
104	M104A	N90	N91		300	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
105	M105	N95	N94		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
106	M106A	N92	N99		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
107	M107A	N90	N97		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
108	M108C	N102	N103		150	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
109	M109B	N100	N101		60	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
110	M110B	N105	N104		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
111	M111A	N102	N109		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
112	M112A	N100	N107		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...	Inactive	Seismic ...
1	M1						Yes			None
2	M2						Yes			None
3	M3						Yes			None



Company :
 Designer : AE
 Job Number : Project No. 10207613
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Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...	Inactive	Seismic ...
4	M4						Yes			None
5	M5						Yes			None
6	M6						Yes			None
7	M7						Yes			None
8	M8						Yes			None
9	M9						Yes			None
10	M13						Yes			None
11	M14						Yes	** NA **		None
12	M15						Yes	** NA **		None
13	M14A						Yes			None
14	M16						Yes	** NA **		None
15	M17						Yes	** NA **		None
16	M18						Yes			None
17	M20						Yes	** NA **		None
18	M21						Yes	** NA **		None
19	M25						Yes			None
20	M26						Yes			None
21	M27						Yes			None
22	M34						Yes			None
23	M41	OOOXXO					Yes	** NA **		None
24	M42						Yes			None
25	M50						Yes			None
26	M52	OOOXXO					Yes			None
27	M53	OOOXXO					Yes			None
28	M54						Yes			None
29	M55						Yes			None
30	M56						Yes			None
31	M57						Yes			None
32	M58						Yes			None
33	M61						Yes			None
34	M62						Yes			None
35	M63						Yes			None
36	M68						Yes			None
37	M69						Yes			None
38	M70						Yes			None
39	M96		OOOXOO				Yes	** NA **		None
40	M97		OOOXOO				Yes	** NA **		None
41	MP1A						Yes			None
42	M64A		OOOXOO				Yes	** NA **		None
43	M65A		OOOXOO				Yes	** NA **		None
44	M67A		OOOXOO				Yes	** NA **		None
45	M68A		OOOXOO				Yes	** NA **		None
46	MP3A						Yes			None
47	M70A		OOOXOO				Yes	** NA **		None
48	M71A		OOOXOO				Yes	** NA **		None
49	MP4A						Yes			None
50	M73		OOOXOO				Yes	** NA **		None
51	M74		OOOXOO				Yes	** NA **		None
52	MP5A						Yes			None
53	M76		OOOXOO				Yes	** NA **		None
54	M77		OOOXOO				Yes	** NA **		None
55	MP1C						Yes			None
56	M79		OOOXOO				Yes	** NA **		None
57	M80		OOOXOO				Yes	** NA **		None
58	M82		OOOXOO				Yes	** NA **		None
59	M83		OOOXOO				Yes	** NA **		None
60	MP3C						Yes			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...	Inactive	Seismic ...
61	M85		OOOXOO				Yes	** NA **		None
62	M86		OOOXOO				Yes	** NA **		None
63	MP4C						Yes			None
64	M88		OOOXOO				Yes	** NA **		None
65	M89		OOOXOO				Yes	** NA **		None
66	MP5C						Yes			None
67	M91		OOOXOO				Yes	** NA **		None
68	M92		OOOXOO				Yes	** NA **		None
69	MP1B						Yes			None
70	M94		OOOXOO				Yes	** NA **		None
71	M95		OOOXOO				Yes	** NA **		None
72	M97A		OOOXOO				Yes	** NA **		None
73	M98A		OOOXOO				Yes	** NA **		None
74	MP3B						Yes			None
75	M100		OOOXOO				Yes	** NA **		None
76	M101		OOOXOO				Yes	** NA **		None
77	MP4B						Yes			None
78	M103		OOOXOO				Yes	** NA **		None
79	M104		OOOXOO				Yes	** NA **		None
80	MP5B						Yes			None
81	M98B	OOOOXO					Yes	** NA **		None
82	M99A	OOOOXO					Yes	** NA **		None
83	M100A	OOOOXO					Yes	** NA **		None
84	M101A	OOOOXO					Yes	** NA **		None
85	M102A	OOOOXO					Yes	** NA **		None
86	MP2A						Yes			None
87	MP2C						Yes			None
88	MP2B						Yes			None
89	M106						Yes			None
90	M107						Yes			None
91	M108						Yes			None
92	M109						Yes			None
93	M110	BenPIN	BenPIN				Yes			None
94	M111	BenPIN	BenPIN				Yes			None
95	M112	BenPIN	BenPIN				Yes			None
96	M113	BenPIN	BenPIN				Yes			None
97	M114	BenPIN	BenPIN				Yes			None
98	M108A						Yes	** NA **		None
99	M109A						Yes	** NA **		None
100	M108B		OOOXOO				Yes	** NA **		None
101	OVP						Yes			None
102	M110A		OOOXOO				Yes	** NA **		None
103	M103A	OOOOXO					Yes			None
104	M104A	OOOOOX					Yes			None
105	M105						Yes			None
106	M106A						Yes			None
107	M107A						Yes			None
108	M108C	OOOOXO					Yes			None
109	M109B	OOOOOX					Yes			None
110	M110B						Yes			None
111	M111A						Yes			None
112	M112A						Yes			None



Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-10.4	.55
2	MP3A	My	.006	.55
3	MP3A	Mz	0	.55
4	MP3B	Y	-10.4	.55
5	MP3B	My	-.003	.55
6	MP3B	Mz	.006	.55
7	MP3C	Y	-10.4	.55
8	MP3C	My	-.006	.55
9	MP3C	Mz	-.003	.55
10	MP3A	Y	-10.4	.55
11	MP3A	My	.006	.55
12	MP3A	Mz	0	.55
13	MP3B	Y	-10.4	.55
14	MP3B	My	-.003	.55
15	MP3B	Mz	.006	.55
16	MP3C	Y	-10.4	.55
17	MP3C	My	-.006	.55
18	MP3C	Mz	-.003	.55
19	MP2A	Y	-43.55	.58
20	MP2A	My	-.022	.58
21	MP2A	Mz	0	.58
22	MP2A	Y	-43.55	2.58
23	MP2A	My	-.022	2.58
24	MP2A	Mz	0	2.58
25	MP2B	Y	-43.55	.58
26	MP2B	My	.011	.58
27	MP2B	Mz	-.019	.58
28	MP2B	Y	-43.55	2.58
29	MP2B	My	.011	2.58
30	MP2B	Mz	-.019	2.58
31	MP2C	Y	-43.55	.58
32	MP2C	My	.019	.58
33	MP2C	Mz	.011	.58
34	MP2C	Y	-43.55	2.58
35	MP2C	My	.019	2.58
36	MP2C	Mz	.011	2.58
37	MP3A	Y	-31.65	1.42
38	MP3A	My	-.024	1.42
39	MP3A	Mz	.024	1.42
40	MP3A	Y	-31.65	4.92
41	MP3A	My	-.024	4.92
42	MP3A	Mz	.024	4.92
43	MP3B	Y	-31.65	1.42
44	MP3B	My	-.009	1.42
45	MP3B	Mz	-.032	1.42
46	MP3B	Y	-31.65	4.92
47	MP3B	My	-.009	4.92
48	MP3B	Mz	-.032	4.92
49	MP3C	Y	-31.65	1.42
50	MP3C	My	.032	1.42
51	MP3C	Mz	-.009	1.42
52	MP3C	Y	-31.65	4.92
53	MP3C	My	.032	4.92
54	MP3C	Mz	-.009	4.92
55	MP3A	Y	-31.65	1.42
56	MP3A	My	-.024	1.42



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP3A	Mz	-.024	1.42
58	MP3A	Y	-31.65	4.92
59	MP3A	My	-.024	4.92
60	MP3A	Mz	-.024	4.92
61	MP3B	Y	-31.65	1.42
62	MP3B	My	.032	1.42
63	MP3B	Mz	-.009	1.42
64	MP3B	Y	-31.65	4.92
65	MP3B	My	.032	4.92
66	MP3B	Mz	-.009	4.92
67	MP3C	Y	-31.65	1.42
68	MP3C	My	.009	1.42
69	MP3C	Mz	.032	1.42
70	MP3C	Y	-31.65	4.92
71	MP3C	My	.009	4.92
72	MP3C	Mz	.032	4.92
73	MP2A	Y	-18.7	4.96
74	MP2A	My	-.008	4.96
75	MP2A	Mz	0	4.96
76	MP2B	Y	-18.7	4.96
77	MP2B	My	.004	4.96
78	MP2B	Mz	-.007	4.96
79	MP2C	Y	-18.7	4.96
80	MP2C	My	.007	4.96
81	MP2C	Mz	.004	4.96
82	MP1B	Y	-3.15	.33
83	MP1B	My	.001	.33
84	MP1B	Mz	-.002	.33
85	MP1B	Y	-3.15	2.83
86	MP1B	My	.001	2.83
87	MP1B	Mz	-.002	2.83
88	MP1C	Y	-3.15	.33
89	MP1C	My	.001	.33
90	MP1C	Mz	.002	.33
91	MP1C	Y	-3.15	2.83
92	MP1C	My	.001	2.83
93	MP1C	Mz	.002	2.83
94	MP5B	Y	-3.15	.33
95	MP5B	My	.001	.33
96	MP5B	Mz	-.002	.33
97	MP5B	Y	-3.15	2.83
98	MP5B	My	.001	2.83
99	MP5B	Mz	-.002	2.83
100	MP5C	Y	-3.15	.33
101	MP5C	My	.001	.33
102	MP5C	Mz	.002	.33
103	MP5C	Y	-3.15	2.83
104	MP5C	My	.001	2.83
105	MP5C	Mz	.002	2.83
106	MP4A	Y	-84.4	.67
107	MP4A	My	-.056	.67
108	MP4A	Mz	0	.67
109	MP4B	Y	-84.4	.67
110	MP4B	My	.028	.67
111	MP4B	Mz	-.049	.67
112	MP4C	Y	-84.4	.67
113	MP4C	My	.049	.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
114	MP4C	Mz	.028	.67
115	MP4A	Y	-70.3	.67
116	MP4A	My	.056	.67
117	MP4A	Mz	0	.67
118	MP4B	Y	-70.3	.67
119	MP4B	My	-.028	.67
120	MP4B	Mz	.048	.67
121	MP4C	Y	-70.3	.67
122	MP4C	My	-.048	.67
123	MP4C	Mz	-.028	.67
124	OVP	Y	-32	2.5
125	OVP	My	0	2.5
126	OVP	Mz	0	2.5
127	MP1A	Y	-5	.33
128	MP1A	My	-.004	.33
129	MP1A	Mz	0	.33
130	MP1A	Y	-5	2.83
131	MP1A	My	-.004	2.83
132	MP1A	Mz	0	2.83
133	MP5A	Y	-5	.33
134	MP5A	My	-.004	.33
135	MP5A	Mz	0	.33
136	MP5A	Y	-5	2.83
137	MP5A	My	-.004	2.83
138	MP5A	Mz	0	2.83
139	OVP	Y	-32	2
140	OVP	My	0	2
141	OVP	Mz	0	2
142	MP3B	Y	-17.6	5.5
143	MP3B	My	-.007	5.5
144	MP3B	Mz	.013	5.5
145	MP3B	Y	-17.6	5.5
146	MP3B	My	.007	5.5
147	MP3B	Mz	-.013	5.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	Y	-18.319	.55
2	MP3A	My	.011	.55
3	MP3A	Mz	0	.55
4	MP3B	Y	-18.319	.55
5	MP3B	My	-.006	.55
6	MP3B	Mz	.01	.55
7	MP3C	Y	-18.319	.55
8	MP3C	My	-.01	.55
9	MP3C	Mz	-.006	.55
10	MP3A	Y	-18.319	.55
11	MP3A	My	.011	.55
12	MP3A	Mz	0	.55
13	MP3B	Y	-18.319	.55
14	MP3B	My	-.006	.55
15	MP3B	Mz	.01	.55
16	MP3C	Y	-18.319	.55
17	MP3C	My	-.01	.55
18	MP3C	Mz	-.006	.55
19	MP2A	Y	-56.436	.58



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	My	-.028	.58
21	MP2A	Mz	0	.58
22	MP2A	Y	-56.436	2.58
23	MP2A	My	-.028	2.58
24	MP2A	Mz	0	2.58
25	MP2B	Y	-56.436	.58
26	MP2B	My	.014	.58
27	MP2B	Mz	-.024	.58
28	MP2B	Y	-56.436	2.58
29	MP2B	My	.014	2.58
30	MP2B	Mz	-.024	2.58
31	MP2C	Y	-56.436	.58
32	MP2C	My	.024	.58
33	MP2C	Mz	.014	.58
34	MP2C	Y	-56.436	2.58
35	MP2C	My	.024	2.58
36	MP2C	Mz	.014	2.58
37	MP3A	Y	-109.778	1.42
38	MP3A	My	-.082	1.42
39	MP3A	Mz	.082	1.42
40	MP3A	Y	-109.778	4.92
41	MP3A	My	-.082	4.92
42	MP3A	Mz	.082	4.92
43	MP3B	Y	-109.778	1.42
44	MP3B	My	-.03	1.42
45	MP3B	Mz	-.112	1.42
46	MP3B	Y	-109.778	4.92
47	MP3B	My	-.03	4.92
48	MP3B	Mz	-.112	4.92
49	MP3C	Y	-109.778	1.42
50	MP3C	My	.112	1.42
51	MP3C	Mz	-.03	1.42
52	MP3C	Y	-109.778	4.92
53	MP3C	My	.112	4.92
54	MP3C	Mz	-.03	4.92
55	MP3A	Y	-109.778	1.42
56	MP3A	My	-.082	1.42
57	MP3A	Mz	-.082	1.42
58	MP3A	Y	-109.778	4.92
59	MP3A	My	-.082	4.92
60	MP3A	Mz	-.082	4.92
61	MP3B	Y	-109.778	1.42
62	MP3B	My	.112	1.42
63	MP3B	Mz	-.03	1.42
64	MP3B	Y	-109.778	4.92
65	MP3B	My	.112	4.92
66	MP3B	Mz	-.03	4.92
67	MP3C	Y	-109.778	1.42
68	MP3C	My	.03	1.42
69	MP3C	Mz	.112	1.42
70	MP3C	Y	-109.778	4.92
71	MP3C	My	.03	4.92
72	MP3C	Mz	.112	4.92
73	MP2A	Y	-36.498	4.96
74	MP2A	My	-.015	4.96
75	MP2A	Mz	0	4.96
76	MP2B	Y	-36.498	4.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
77	MP2B	My	.008	4.96
78	MP2B	Mz	-.013	4.96
79	MP2C	Y	-36.498	4.96
80	MP2C	My	.013	4.96
81	MP2C	Mz	.008	4.96
82	MP1B	Y	-50.142	.33
83	MP1B	My	.02	.33
84	MP1B	Mz	-.034	.33
85	MP1B	Y	-50.142	2.83
86	MP1B	My	.02	2.83
87	MP1B	Mz	-.034	2.83
88	MP1C	Y	-50.142	.33
89	MP1C	My	.02	.33
90	MP1C	Mz	.034	.33
91	MP1C	Y	-50.142	2.83
92	MP1C	My	.02	2.83
93	MP1C	Mz	.034	2.83
94	MP5B	Y	-50.142	.33
95	MP5B	My	.02	.33
96	MP5B	Mz	-.034	.33
97	MP5B	Y	-50.142	2.83
98	MP5B	My	.02	2.83
99	MP5B	Mz	-.034	2.83
100	MP5C	Y	-50.142	.33
101	MP5C	My	.02	.33
102	MP5C	Mz	.034	.33
103	MP5C	Y	-50.142	2.83
104	MP5C	My	.02	2.83
105	MP5C	Mz	.034	2.83
106	MP4A	Y	-71.728	.67
107	MP4A	My	-.048	.67
108	MP4A	Mz	0	.67
109	MP4B	Y	-71.728	.67
110	MP4B	My	.024	.67
111	MP4B	Mz	-.041	.67
112	MP4C	Y	-71.728	.67
113	MP4C	My	.041	.67
114	MP4C	Mz	.024	.67
115	MP4A	Y	-64.76	.67
116	MP4A	My	.051	.67
117	MP4A	Mz	0	.67
118	MP4B	Y	-64.76	.67
119	MP4B	My	-.026	.67
120	MP4B	Mz	.044	.67
121	MP4C	Y	-64.76	.67
122	MP4C	My	-.044	.67
123	MP4C	Mz	-.026	.67
124	OVP	Y	-138.07	2.5
125	OVP	My	0	2.5
126	OVP	Mz	0	2.5
127	MP1A	Y	-46.963	.33
128	MP1A	My	-.037	.33
129	MP1A	Mz	0	.33
130	MP1A	Y	-46.963	2.83
131	MP1A	My	-.037	2.83
132	MP1A	Mz	0	2.83
133	MP5A	Y	-46.963	.33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
134	MP5A	My	-.037	.33
135	MP5A	Mz	0	.33
136	MP5A	Y	-46.963	2.83
137	MP5A	My	-.037	2.83
138	MP5A	Mz	0	2.83
139	OVP	Y	-138.07	2
140	OVP	My	0	2
141	OVP	Mz	0	2
142	MP3B	Y	6.6	5.5
143	MP3B	My	.003	5.5
144	MP3B	Mz	-.005	5.5
145	MP3B	Y	6.6	5.5
146	MP3B	My	-.003	5.5
147	MP3B	Mz	.005	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	0	.55
2	MP3A	Z	-15.38	.55
3	MP3A	Mx	0	.55
4	MP3B	X	0	.55
5	MP3B	Z	-11.826	.55
6	MP3B	Mx	-.006	.55
7	MP3C	X	0	.55
8	MP3C	Z	-14.196	.55
9	MP3C	Mx	.004	.55
10	MP3A	X	0	.55
11	MP3A	Z	-15.38	.55
12	MP3A	Mx	0	.55
13	MP3B	X	0	.55
14	MP3B	Z	-11.826	.55
15	MP3B	Mx	-.006	.55
16	MP3C	X	0	.55
17	MP3C	Z	-14.196	.55
18	MP3C	Mx	.004	.55
19	MP2A	X	0	.58
20	MP2A	Z	-81.474	.58
21	MP2A	Mx	0	.58
22	MP2A	X	0	2.58
23	MP2A	Z	-81.474	2.58
24	MP2A	Mx	0	2.58
25	MP2B	X	0	.58
26	MP2B	Z	-41.413	.58
27	MP2B	Mx	.018	.58
28	MP2B	X	0	2.58
29	MP2B	Z	-41.413	2.58
30	MP2B	Mx	.018	2.58
31	MP2C	X	0	.58
32	MP2C	Z	-68.12	.58
33	MP2C	Mx	-.017	.58
34	MP2C	X	0	2.58
35	MP2C	Z	-68.12	2.58
36	MP2C	Mx	-.017	2.58
37	MP3A	X	0	1.42
38	MP3A	Z	-189.345	1.42
39	MP3A	Mx	-.142	1.42



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	0	4.92
41	MP3A	Z	-189.345	4.92
42	MP3A	Mx	-.142	4.92
43	MP3B	X	0	1.42
44	MP3B	Z	-140.605	1.42
45	MP3B	Mx	.144	1.42
46	MP3B	X	0	4.92
47	MP3B	Z	-140.605	4.92
48	MP3B	Mx	.144	4.92
49	MP3C	X	0	1.42
50	MP3C	Z	-173.098	1.42
51	MP3C	Mx	.048	1.42
52	MP3C	X	0	4.92
53	MP3C	Z	-173.098	4.92
54	MP3C	Mx	.048	4.92
55	MP3A	X	0	1.42
56	MP3A	Z	-189.345	1.42
57	MP3A	Mx	.142	1.42
58	MP3A	X	0	4.92
59	MP3A	Z	-189.345	4.92
60	MP3A	Mx	.142	4.92
61	MP3B	X	0	1.42
62	MP3B	Z	-140.605	1.42
63	MP3B	Mx	.039	1.42
64	MP3B	X	0	4.92
65	MP3B	Z	-140.605	4.92
66	MP3B	Mx	.039	4.92
67	MP3C	X	0	1.42
68	MP3C	Z	-173.098	1.42
69	MP3C	Mx	-.177	1.42
70	MP3C	X	0	4.92
71	MP3C	Z	-173.098	4.92
72	MP3C	Mx	-.177	4.92
73	MP2A	X	0	4.96
74	MP2A	Z	-29.929	4.96
75	MP2A	Mx	0	4.96
76	MP2B	X	0	4.96
77	MP2B	Z	-18.082	4.96
78	MP2B	Mx	.007	4.96
79	MP2C	X	0	4.96
80	MP2C	Z	-25.98	4.96
81	MP2C	Mx	-.005	4.96
82	MP1B	X	0	.33
83	MP1B	Z	-71.209	.33
84	MP1B	Mx	.049	.33
85	MP1B	X	0	2.83
86	MP1B	Z	-71.209	2.83
87	MP1B	Mx	.049	2.83
88	MP1C	X	0	.33
89	MP1C	Z	-71.209	.33
90	MP1C	Mx	-.049	.33
91	MP1C	X	0	2.83
92	MP1C	Z	-71.209	2.83
93	MP1C	Mx	-.049	2.83
94	MP5B	X	0	.33
95	MP5B	Z	-71.209	.33
96	MP5B	Mx	.049	.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
97	MP5B	X	0	2.83
98	MP5B	Z	-71.209	2.83
99	MP5B	Mx	.049	2.83
100	MP5C	X	0	.33
101	MP5C	Z	-71.209	.33
102	MP5C	Mx	-.049	.33
103	MP5C	X	0	2.83
104	MP5C	Z	-71.209	2.83
105	MP5C	Mx	-.049	2.83
106	MP4A	X	0	.67
107	MP4A	Z	-64.431	.67
108	MP4A	Mx	0	.67
109	MP4B	X	0	.67
110	MP4B	Z	-48.531	.67
111	MP4B	Mx	.028	.67
112	MP4C	X	0	.67
113	MP4C	Z	-59.131	.67
114	MP4C	Mx	-.02	.67
115	MP4A	X	0	.67
116	MP4A	Z	-64.431	.67
117	MP4A	Mx	0	.67
118	MP4B	X	0	.67
119	MP4B	Z	-42.608	.67
120	MP4B	Mx	-.029	.67
121	MP4C	X	0	.67
122	MP4C	Z	-57.157	.67
123	MP4C	Mx	.023	.67
124	OVP	X	0	2.5
125	OVP	Z	-110.131	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	0	.33
128	MP1A	Z	-55.702	.33
129	MP1A	Mx	0	.33
130	MP1A	X	0	2.83
131	MP1A	Z	-55.702	2.83
132	MP1A	Mx	0	2.83
133	MP5A	X	0	.33
134	MP5A	Z	-55.702	.33
135	MP5A	Mx	0	.33
136	MP5A	X	0	2.83
137	MP5A	Z	-55.702	2.83
138	MP5A	Mx	0	2.83
139	OVP	X	0	2
140	OVP	Z	-110.131	2
141	OVP	Mx	0	2
142	MP3B	X	0	5.5
143	MP3B	Z	-19.054	5.5
144	MP3B	Mx	-.014	5.5
145	MP3B	X	0	5.5
146	MP3B	Z	-19.054	5.5
147	MP3B	Mx	.014	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	7.098	.55
2	MP3A	Z	-12.294	.55



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
3	MP3A	Mx	.004	.55
4	MP3B	X	5.321	.55
5	MP3B	Z	-9.216	.55
6	MP3B	Mx	-.007	.55
7	MP3C	X	7.69	.55
8	MP3C	Z	-13.32	.55
9	MP3C	Mx	0	.55
10	MP3A	X	7.098	.55
11	MP3A	Z	-12.294	.55
12	MP3A	Mx	.004	.55
13	MP3B	X	5.321	.55
14	MP3B	Z	-9.216	.55
15	MP3B	Mx	-.007	.55
16	MP3C	X	7.69	.55
17	MP3C	Z	-13.32	.55
18	MP3C	Mx	0	.55
19	MP2A	X	34.06	.58
20	MP2A	Z	-58.994	.58
21	MP2A	Mx	-.017	.58
22	MP2A	X	34.06	2.58
23	MP2A	Z	-58.994	2.58
24	MP2A	Mx	-.017	2.58
25	MP2B	X	14.029	.58
26	MP2B	Z	-24.3	.58
27	MP2B	Mx	.014	.58
28	MP2B	X	14.029	2.58
29	MP2B	Z	-24.3	2.58
30	MP2B	Mx	.014	2.58
31	MP2C	X	40.737	.58
32	MP2C	Z	-70.559	.58
33	MP2C	Mx	0	.58
34	MP2C	X	40.737	2.58
35	MP2C	Z	-70.559	2.58
36	MP2C	Mx	0	2.58
37	MP3A	X	86.549	1.42
38	MP3A	Z	-149.907	1.42
39	MP3A	Mx	-.177	1.42
40	MP3A	X	86.549	4.92
41	MP3A	Z	-149.907	4.92
42	MP3A	Mx	-.177	4.92
43	MP3B	X	62.18	1.42
44	MP3B	Z	-107.698	1.42
45	MP3B	Mx	.093	1.42
46	MP3B	X	62.18	4.92
47	MP3B	Z	-107.698	4.92
48	MP3B	Mx	.093	4.92
49	MP3C	X	94.672	1.42
50	MP3C	Z	-163.977	1.42
51	MP3C	Mx	.142	1.42
52	MP3C	X	94.672	4.92
53	MP3C	Z	-163.977	4.92
54	MP3C	Mx	.142	4.92
55	MP3A	X	86.549	1.42
56	MP3A	Z	-149.907	1.42
57	MP3A	Mx	.048	1.42
58	MP3A	X	86.549	4.92
59	MP3A	Z	-149.907	4.92



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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]	
60	MP3A	Mx	.048	4.92
61	MP3B	X	62.18	1.42
62	MP3B	Z	-107.698	1.42
63	MP3B	Mx	.093	1.42
64	MP3B	X	62.18	4.92
65	MP3B	Z	-107.698	4.92
66	MP3B	Mx	.093	4.92
67	MP3C	X	94.672	1.42
68	MP3C	Z	-163.977	1.42
69	MP3C	Mx	-.142	1.42
70	MP3C	X	94.672	4.92
71	MP3C	Z	-163.977	4.92
72	MP3C	Mx	-.142	4.92
73	MP2A	X	12.99	4.96
74	MP2A	Z	-22.5	4.96
75	MP2A	Mx	-.005	4.96
76	MP2B	X	7.067	4.96
77	MP2B	Z	-12.24	4.96
78	MP2B	Mx	.006	4.96
79	MP2C	X	14.965	4.96
80	MP2C	Z	-25.92	4.96
81	MP2C	Mx	0	4.96
82	MP1B	X	37.566	.33
83	MP1B	Z	-65.066	.33
84	MP1B	Mx	.059	.33
85	MP1B	X	37.566	2.83
86	MP1B	Z	-65.066	2.83
87	MP1B	Mx	.059	2.83
88	MP1C	X	31.683	.33
89	MP1C	Z	-54.876	.33
90	MP1C	Mx	-.025	.33
91	MP1C	X	31.683	2.83
92	MP1C	Z	-54.876	2.83
93	MP1C	Mx	-.025	2.83
94	MP5B	X	37.566	.33
95	MP5B	Z	-65.066	.33
96	MP5B	Mx	.059	.33
97	MP5B	X	37.566	2.83
98	MP5B	Z	-65.066	2.83
99	MP5B	Mx	.059	2.83
100	MP5C	X	31.683	.33
101	MP5C	Z	-54.876	.33
102	MP5C	Mx	-.025	.33
103	MP5C	X	31.683	2.83
104	MP5C	Z	-54.876	2.83
105	MP5C	Mx	-.025	2.83
106	MP4A	X	29.566	.67
107	MP4A	Z	-51.209	.67
108	MP4A	Mx	-.02	.67
109	MP4B	X	21.616	.67
110	MP4B	Z	-37.439	.67
111	MP4B	Mx	.029	.67
112	MP4C	X	32.216	.67
113	MP4C	Z	-55.799	.67
114	MP4C	Mx	0	.67
115	MP4A	X	28.578	.67
116	MP4A	Z	-49.499	.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
117	MP4A	Mx	.023	.67
118	MP4B	X	17.667	.67
119	MP4B	Z	-30.599	.67
120	MP4B	Mx	-.028	.67
121	MP4C	X	32.216	.67
122	MP4C	Z	-55.799	.67
123	MP4C	Mx	0	.67
124	OVP	X	61.275	2.5
125	OVP	Z	-106.131	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	29.129	.33
128	MP1A	Z	-50.453	.33
129	MP1A	Mx	-.023	.33
130	MP1A	X	29.129	2.83
131	MP1A	Z	-50.453	2.83
132	MP1A	Mx	-.023	2.83
133	MP5A	X	29.129	.33
134	MP5A	Z	-50.453	.33
135	MP5A	Mx	-.023	.33
136	MP5A	X	29.129	2.83
137	MP5A	Z	-50.453	2.83
138	MP5A	Mx	-.023	2.83
139	OVP	X	61.275	2
140	OVP	Z	-106.131	2
141	OVP	Mx	0	2
142	MP3B	X	6.052	5.5
143	MP3B	Z	-10.482	5.5
144	MP3B	Mx	-.01	5.5
145	MP3B	X	6.052	5.5
146	MP3B	Z	-10.482	5.5
147	MP3B	Mx	.01	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	10.242	.55
2	MP3A	Z	-5.913	.55
3	MP3A	Mx	.006	.55
4	MP3B	X	10.242	.55
5	MP3B	Z	-5.913	.55
6	MP3B	Mx	-.006	.55
7	MP3C	X	12.294	.55
8	MP3C	Z	-7.098	.55
9	MP3C	Mx	-.004	.55
10	MP3A	X	10.242	.55
11	MP3A	Z	-5.913	.55
12	MP3A	Mx	.006	.55
13	MP3B	X	10.242	.55
14	MP3B	Z	-5.913	.55
15	MP3B	Mx	-.006	.55
16	MP3C	X	12.294	.55
17	MP3C	Z	-7.098	.55
18	MP3C	Mx	-.004	.55
19	MP2A	X	35.864	.58
20	MP2A	Z	-20.706	.58
21	MP2A	Mx	-.018	.58
22	MP2A	X	35.864	2.58



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
23	MP2A	Z	-20.706	2.58
24	MP2A	Mx	-.018	2.58
25	MP2B	X	35.864	.58
26	MP2B	Z	-20.706	.58
27	MP2B	Mx	.018	.58
28	MP2B	X	35.864	2.58
29	MP2B	Z	-20.706	2.58
30	MP2B	Mx	.018	2.58
31	MP2C	X	58.994	.58
32	MP2C	Z	-34.06	.58
33	MP2C	Mx	.017	.58
34	MP2C	X	58.994	2.58
35	MP2C	Z	-34.06	2.58
36	MP2C	Mx	.017	2.58
37	MP3A	X	121.768	1.42
38	MP3A	Z	-70.303	1.42
39	MP3A	Mx	-.144	1.42
40	MP3A	X	121.768	4.92
41	MP3A	Z	-70.303	4.92
42	MP3A	Mx	-.144	4.92
43	MP3B	X	121.768	1.42
44	MP3B	Z	-70.303	1.42
45	MP3B	Mx	.039	1.42
46	MP3B	X	121.768	4.92
47	MP3B	Z	-70.303	4.92
48	MP3B	Mx	.039	4.92
49	MP3C	X	149.907	1.42
50	MP3C	Z	-86.549	1.42
51	MP3C	Mx	.177	1.42
52	MP3C	X	149.907	4.92
53	MP3C	Z	-86.549	4.92
54	MP3C	Mx	.177	4.92
55	MP3A	X	121.768	1.42
56	MP3A	Z	-70.303	1.42
57	MP3A	Mx	-.039	1.42
58	MP3A	X	121.768	4.92
59	MP3A	Z	-70.303	4.92
60	MP3A	Mx	-.039	4.92
61	MP3B	X	121.768	1.42
62	MP3B	Z	-70.303	1.42
63	MP3B	Mx	.144	1.42
64	MP3B	X	121.768	4.92
65	MP3B	Z	-70.303	4.92
66	MP3B	Mx	.144	4.92
67	MP3C	X	149.907	1.42
68	MP3C	Z	-86.549	1.42
69	MP3C	Mx	-.048	1.42
70	MP3C	X	149.907	4.92
71	MP3C	Z	-86.549	4.92
72	MP3C	Mx	-.048	4.92
73	MP2A	X	15.66	4.96
74	MP2A	Z	-9.041	4.96
75	MP2A	Mx	-.007	4.96
76	MP2B	X	15.66	4.96
77	MP2B	Z	-9.041	4.96
78	MP2B	Mx	.007	4.96
79	MP2C	X	22.5	4.96



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	Z	-12.99	4.96
81	MP2C	Mx	.005	4.96
82	MP1B	X	61.669	.33
83	MP1B	Z	-35.605	.33
84	MP1B	Mx	.049	.33
85	MP1B	X	61.669	2.83
86	MP1B	Z	-35.605	2.83
87	MP1B	Mx	.049	2.83
88	MP1C	X	51.479	.33
89	MP1C	Z	-29.721	.33
90	MP1C	Mx	0	.33
91	MP1C	X	51.479	2.83
92	MP1C	Z	-29.721	2.83
93	MP1C	Mx	0	2.83
94	MP5B	X	61.669	.33
95	MP5B	Z	-35.605	.33
96	MP5B	Mx	.049	.33
97	MP5B	X	61.669	2.83
98	MP5B	Z	-35.605	2.83
99	MP5B	Mx	.049	2.83
100	MP5C	X	51.479	.33
101	MP5C	Z	-29.721	.33
102	MP5C	Mx	0	.33
103	MP5C	X	51.479	2.83
104	MP5C	Z	-29.721	2.83
105	MP5C	Mx	0	2.83
106	MP4A	X	42.029	.67
107	MP4A	Z	-24.266	.67
108	MP4A	Mx	-.028	.67
109	MP4B	X	42.029	.67
110	MP4B	Z	-24.266	.67
111	MP4B	Mx	.028	.67
112	MP4C	X	51.209	.67
113	MP4C	Z	-29.566	.67
114	MP4C	Mx	.02	.67
115	MP4A	X	36.899	.67
116	MP4A	Z	-21.304	.67
117	MP4A	Mx	.029	.67
118	MP4B	X	36.899	.67
119	MP4B	Z	-21.304	.67
120	MP4B	Mx	-.029	.67
121	MP4C	X	49.499	.67
122	MP4C	Z	-28.578	.67
123	MP4C	Mx	-.023	.67
124	OVP	X	111.508	2.5
125	OVP	Z	-64.379	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	54.88	.33
128	MP1A	Z	-31.685	.33
129	MP1A	Mx	-.043	.33
130	MP1A	X	54.88	2.83
131	MP1A	Z	-31.685	2.83
132	MP1A	Mx	-.043	2.83
133	MP5A	X	54.88	.33
134	MP5A	Z	-31.685	.33
135	MP5A	Mx	-.043	.33
136	MP5A	X	54.88	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
137	MP5A	Z	-31.685	2.83
138	MP5A	Mx	-.043	2.83
139	OVP	X	111.508	2
140	OVP	Z	-64.379	2
141	OVP	Mx	0	2
142	MP3B	X	16.501	5.5
143	MP3B	Z	-9.527	5.5
144	MP3B	Mx	-.014	5.5
145	MP3B	X	16.501	5.5
146	MP3B	Z	-9.527	5.5
147	MP3B	Mx	.014	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP3A	X	10.642	.55
2	MP3A	Z	0	.55
3	MP3A	Mx	.007	.55
4	MP3B	X	14.196	.55
5	MP3B	Z	0	.55
6	MP3B	Mx	-.004	.55
7	MP3C	X	11.826	.55
8	MP3C	Z	0	.55
9	MP3C	Mx	-.006	.55
10	MP3A	X	10.642	.55
11	MP3A	Z	0	.55
12	MP3A	Mx	.007	.55
13	MP3B	X	14.196	.55
14	MP3B	Z	0	.55
15	MP3B	Mx	-.004	.55
16	MP3C	X	11.826	.55
17	MP3C	Z	0	.55
18	MP3C	Mx	-.006	.55
19	MP2A	X	28.059	.58
20	MP2A	Z	0	.58
21	MP2A	Mx	-.014	.58
22	MP2A	X	28.059	2.58
23	MP2A	Z	0	2.58
24	MP2A	Mx	-.014	2.58
25	MP2B	X	68.12	.58
26	MP2B	Z	0	.58
27	MP2B	Mx	.017	.58
28	MP2B	X	68.12	2.58
29	MP2B	Z	0	2.58
30	MP2B	Mx	.017	2.58
31	MP2C	X	41.413	.58
32	MP2C	Z	0	.58
33	MP2C	Mx	.018	.58
34	MP2C	X	41.413	2.58
35	MP2C	Z	0	2.58
36	MP2C	Mx	.018	2.58
37	MP3A	X	124.359	1.42
38	MP3A	Z	0	1.42
39	MP3A	Mx	-.093	1.42
40	MP3A	X	124.359	4.92
41	MP3A	Z	0	4.92
42	MP3A	Mx	-.093	4.92



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP3B	X	173.098	1.42
44	MP3B	Z	0	1.42
45	MP3B	Mx	-.048	1.42
46	MP3B	X	173.098	4.92
47	MP3B	Z	0	4.92
48	MP3B	Mx	-.048	4.92
49	MP3C	X	140.605	1.42
50	MP3C	Z	0	1.42
51	MP3C	Mx	.144	1.42
52	MP3C	X	140.605	4.92
53	MP3C	Z	0	4.92
54	MP3C	Mx	.144	4.92
55	MP3A	X	124.359	1.42
56	MP3A	Z	0	1.42
57	MP3A	Mx	-.093	1.42
58	MP3A	X	124.359	4.92
59	MP3A	Z	0	4.92
60	MP3A	Mx	-.093	4.92
61	MP3B	X	173.098	1.42
62	MP3B	Z	0	1.42
63	MP3B	Mx	.177	1.42
64	MP3B	X	173.098	4.92
65	MP3B	Z	0	4.92
66	MP3B	Mx	.177	4.92
67	MP3C	X	140.605	1.42
68	MP3C	Z	0	1.42
69	MP3C	Mx	.039	1.42
70	MP3C	X	140.605	4.92
71	MP3C	Z	0	4.92
72	MP3C	Mx	.039	4.92
73	MP2A	X	14.133	4.96
74	MP2A	Z	0	4.96
75	MP2A	Mx	-.006	4.96
76	MP2B	X	25.98	4.96
77	MP2B	Z	0	4.96
78	MP2B	Mx	.005	4.96
79	MP2C	X	18.082	4.96
80	MP2C	Z	0	4.96
81	MP2C	Mx	.007	4.96
82	MP1B	X	63.365	.33
83	MP1B	Z	0	.33
84	MP1B	Mx	.025	.33
85	MP1B	X	63.365	2.83
86	MP1B	Z	0	2.83
87	MP1B	Mx	.025	2.83
88	MP1C	X	63.365	.33
89	MP1C	Z	0	.33
90	MP1C	Mx	.025	.33
91	MP1C	X	63.365	2.83
92	MP1C	Z	0	2.83
93	MP1C	Mx	.025	2.83
94	MP5B	X	63.365	.33
95	MP5B	Z	0	.33
96	MP5B	Mx	.025	.33
97	MP5B	X	63.365	2.83
98	MP5B	Z	0	2.83
99	MP5B	Mx	.025	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
100	MP5C	X	63.365	.33
101	MP5C	Z	0	.33
102	MP5C	Mx	.025	.33
103	MP5C	X	63.365	2.83
104	MP5C	Z	0	2.83
105	MP5C	Mx	.025	2.83
106	MP4A	X	43.231	.67
107	MP4A	Z	0	.67
108	MP4A	Mx	-.029	.67
109	MP4B	X	59.131	.67
110	MP4B	Z	0	.67
111	MP4B	Mx	.02	.67
112	MP4C	X	48.531	.67
113	MP4C	Z	0	.67
114	MP4C	Mx	.028	.67
115	MP4A	X	35.333	.67
116	MP4A	Z	0	.67
117	MP4A	Mx	.028	.67
118	MP4B	X	57.157	.67
119	MP4B	Z	0	.67
120	MP4B	Mx	-.023	.67
121	MP4C	X	42.608	.67
122	MP4C	Z	0	.67
123	MP4C	Mx	-.029	.67
124	OVP	X	122.549	2.5
125	OVP	Z	0	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	65.926	.33
128	MP1A	Z	0	.33
129	MP1A	Mx	-.052	.33
130	MP1A	X	65.926	2.83
131	MP1A	Z	0	2.83
132	MP1A	Mx	-.052	2.83
133	MP5A	X	65.926	.33
134	MP5A	Z	0	.33
135	MP5A	Mx	-.052	.33
136	MP5A	X	65.926	2.83
137	MP5A	Z	0	2.83
138	MP5A	Mx	-.052	2.83
139	OVP	X	122.549	2
140	OVP	Z	0	2
141	OVP	Mx	0	2
142	MP3B	X	32.955	5.5
143	MP3B	Z	0	5.5
144	MP3B	Mx	-.014	5.5
145	MP3B	X	32.955	5.5
146	MP3B	Z	0	5.5
147	MP3B	Mx	.014	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	10.242	.55
2	MP3A	Z	5.913	.55
3	MP3A	Mx	.006	.55
4	MP3B	X	13.32	.55
5	MP3B	Z	7.69	.55



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3B	Mx	0	.55
7	MP3C	X	9.216	.55
8	MP3C	Z	5.321	.55
9	MP3C	Mx	-.007	.55
10	MP3A	X	10.242	.55
11	MP3A	Z	5.913	.55
12	MP3A	Mx	.006	.55
13	MP3B	X	13.32	.55
14	MP3B	Z	7.69	.55
15	MP3B	Mx	0	.55
16	MP3C	X	9.216	.55
17	MP3C	Z	5.321	.55
18	MP3C	Mx	-.007	.55
19	MP2A	X	35.864	.58
20	MP2A	Z	20.706	.58
21	MP2A	Mx	-.018	.58
22	MP2A	X	35.864	2.58
23	MP2A	Z	20.706	2.58
24	MP2A	Mx	-.018	2.58
25	MP2B	X	70.559	.58
26	MP2B	Z	40.737	.58
27	MP2B	Mx	0	.58
28	MP2B	X	70.559	2.58
29	MP2B	Z	40.737	2.58
30	MP2B	Mx	0	2.58
31	MP2C	X	24.3	.58
32	MP2C	Z	14.029	.58
33	MP2C	Mx	.014	.58
34	MP2C	X	24.3	2.58
35	MP2C	Z	14.029	2.58
36	MP2C	Mx	.014	2.58
37	MP3A	X	121.768	1.42
38	MP3A	Z	70.303	1.42
39	MP3A	Mx	-.039	1.42
40	MP3A	X	121.768	4.92
41	MP3A	Z	70.303	4.92
42	MP3A	Mx	-.039	4.92
43	MP3B	X	163.977	1.42
44	MP3B	Z	94.672	1.42
45	MP3B	Mx	-.142	1.42
46	MP3B	X	163.977	4.92
47	MP3B	Z	94.672	4.92
48	MP3B	Mx	-.142	4.92
49	MP3C	X	107.698	1.42
50	MP3C	Z	62.18	1.42
51	MP3C	Mx	.093	1.42
52	MP3C	X	107.698	4.92
53	MP3C	Z	62.18	4.92
54	MP3C	Mx	.093	4.92
55	MP3A	X	121.768	1.42
56	MP3A	Z	70.303	1.42
57	MP3A	Mx	-.144	1.42
58	MP3A	X	121.768	4.92
59	MP3A	Z	70.303	4.92
60	MP3A	Mx	-.144	4.92
61	MP3B	X	163.977	1.42
62	MP3B	Z	94.672	1.42



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
63	MP3B	Mx	.142	1.42
64	MP3B	X	163.977	4.92
65	MP3B	Z	94.672	4.92
66	MP3B	Mx	.142	4.92
67	MP3C	X	107.698	1.42
68	MP3C	Z	62.18	1.42
69	MP3C	Mx	.093	1.42
70	MP3C	X	107.698	4.92
71	MP3C	Z	62.18	4.92
72	MP3C	Mx	.093	4.92
73	MP2A	X	15.66	4.96
74	MP2A	Z	9.041	4.96
75	MP2A	Mx	-.007	4.96
76	MP2B	X	25.92	4.96
77	MP2B	Z	14.965	4.96
78	MP2B	Mx	0	4.96
79	MP2C	X	12.24	4.96
80	MP2C	Z	7.067	4.96
81	MP2C	Mx	.006	4.96
82	MP1B	X	51.479	.33
83	MP1B	Z	29.721	.33
84	MP1B	Mx	0	.33
85	MP1B	X	51.479	2.83
86	MP1B	Z	29.721	2.83
87	MP1B	Mx	0	2.83
88	MP1C	X	61.669	.33
89	MP1C	Z	35.605	.33
90	MP1C	Mx	.049	.33
91	MP1C	X	61.669	2.83
92	MP1C	Z	35.605	2.83
93	MP1C	Mx	.049	2.83
94	MP5B	X	51.479	.33
95	MP5B	Z	29.721	.33
96	MP5B	Mx	0	.33
97	MP5B	X	51.479	2.83
98	MP5B	Z	29.721	2.83
99	MP5B	Mx	0	2.83
100	MP5C	X	61.669	.33
101	MP5C	Z	35.605	.33
102	MP5C	Mx	.049	.33
103	MP5C	X	61.669	2.83
104	MP5C	Z	35.605	2.83
105	MP5C	Mx	.049	2.83
106	MP4A	X	42.029	.67
107	MP4A	Z	24.266	.67
108	MP4A	Mx	-.028	.67
109	MP4B	X	55.799	.67
110	MP4B	Z	32.216	.67
111	MP4B	Mx	0	.67
112	MP4C	X	37.439	.67
113	MP4C	Z	21.616	.67
114	MP4C	Mx	.029	.67
115	MP4A	X	36.899	.67
116	MP4A	Z	21.304	.67
117	MP4A	Mx	.029	.67
118	MP4B	X	55.799	.67
119	MP4B	Z	32.216	.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
120	MP4B	Mx	0	.67
121	MP4C	X	30.599	.67
122	MP4C	Z	17.667	.67
123	MP4C	Mx	-.028	.67
124	OVP	X	95.376	2.5
125	OVP	Z	55.065	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	54.88	.33
128	MP1A	Z	31.685	.33
129	MP1A	Mx	-.043	.33
130	MP1A	X	54.88	2.83
131	MP1A	Z	31.685	2.83
132	MP1A	Mx	-.043	2.83
133	MP5A	X	54.88	.33
134	MP5A	Z	31.685	.33
135	MP5A	Mx	-.043	.33
136	MP5A	X	54.88	2.83
137	MP5A	Z	31.685	2.83
138	MP5A	Mx	-.043	2.83
139	OVP	X	95.376	2
140	OVP	Z	55.065	2
141	OVP	Mx	0	2
142	MP3B	X	34.559	5.5
143	MP3B	Z	19.953	5.5
144	MP3B	Mx	0	5.5
145	MP3B	X	34.559	5.5
146	MP3B	Z	19.953	5.5
147	MP3B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	7.098	.55
2	MP3A	Z	12.294	.55
3	MP3A	Mx	.004	.55
4	MP3B	X	7.098	.55
5	MP3B	Z	12.294	.55
6	MP3B	Mx	.004	.55
7	MP3C	X	5.913	.55
8	MP3C	Z	10.242	.55
9	MP3C	Mx	-.006	.55
10	MP3A	X	7.098	.55
11	MP3A	Z	12.294	.55
12	MP3A	Mx	.004	.55
13	MP3B	X	7.098	.55
14	MP3B	Z	12.294	.55
15	MP3B	Mx	.004	.55
16	MP3C	X	5.913	.55
17	MP3C	Z	10.242	.55
18	MP3C	Mx	-.006	.55
19	MP2A	X	34.06	.58
20	MP2A	Z	58.994	.58
21	MP2A	Mx	-.017	.58
22	MP2A	X	34.06	2.58
23	MP2A	Z	58.994	2.58
24	MP2A	Mx	-.017	2.58
25	MP2B	X	34.06	.58



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2B	Z	58.994	.58
27	MP2B	Mx	-.017	.58
28	MP2B	X	34.06	2.58
29	MP2B	Z	58.994	2.58
30	MP2B	Mx	-.017	2.58
31	MP2C	X	20.706	.58
32	MP2C	Z	35.864	.58
33	MP2C	Mx	.018	.58
34	MP2C	X	20.706	2.58
35	MP2C	Z	35.864	2.58
36	MP2C	Mx	.018	2.58
37	MP3A	X	86.549	1.42
38	MP3A	Z	149.907	1.42
39	MP3A	Mx	.048	1.42
40	MP3A	X	86.549	4.92
41	MP3A	Z	149.907	4.92
42	MP3A	Mx	.048	4.92
43	MP3B	X	86.549	1.42
44	MP3B	Z	149.907	1.42
45	MP3B	Mx	-.177	1.42
46	MP3B	X	86.549	4.92
47	MP3B	Z	149.907	4.92
48	MP3B	Mx	-.177	4.92
49	MP3C	X	70.303	1.42
50	MP3C	Z	121.768	1.42
51	MP3C	Mx	.039	1.42
52	MP3C	X	70.303	4.92
53	MP3C	Z	121.768	4.92
54	MP3C	Mx	.039	4.92
55	MP3A	X	86.549	1.42
56	MP3A	Z	149.907	1.42
57	MP3A	Mx	-.177	1.42
58	MP3A	X	86.549	4.92
59	MP3A	Z	149.907	4.92
60	MP3A	Mx	-.177	4.92
61	MP3B	X	86.549	1.42
62	MP3B	Z	149.907	1.42
63	MP3B	Mx	.048	1.42
64	MP3B	X	86.549	4.92
65	MP3B	Z	149.907	4.92
66	MP3B	Mx	.048	4.92
67	MP3C	X	70.303	1.42
68	MP3C	Z	121.768	1.42
69	MP3C	Mx	.144	1.42
70	MP3C	X	70.303	4.92
71	MP3C	Z	121.768	4.92
72	MP3C	Mx	.144	4.92
73	MP2A	X	12.99	4.96
74	MP2A	Z	22.5	4.96
75	MP2A	Mx	-.005	4.96
76	MP2B	X	12.99	4.96
77	MP2B	Z	22.5	4.96
78	MP2B	Mx	-.005	4.96
79	MP2C	X	9.041	4.96
80	MP2C	Z	15.66	4.96
81	MP2C	Mx	.007	4.96
82	MP1B	X	31.683	.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
83	MP1B	Z	54.876	.33
84	MP1B	Mx	-.025	.33
85	MP1B	X	31.683	2.83
86	MP1B	Z	54.876	2.83
87	MP1B	Mx	-.025	2.83
88	MP1C	X	37.566	.33
89	MP1C	Z	65.066	.33
90	MP1C	Mx	.059	.33
91	MP1C	X	37.566	2.83
92	MP1C	Z	65.066	2.83
93	MP1C	Mx	.059	2.83
94	MP5B	X	31.683	.33
95	MP5B	Z	54.876	.33
96	MP5B	Mx	-.025	.33
97	MP5B	X	31.683	2.83
98	MP5B	Z	54.876	2.83
99	MP5B	Mx	-.025	2.83
100	MP5C	X	37.566	.33
101	MP5C	Z	65.066	.33
102	MP5C	Mx	.059	.33
103	MP5C	X	37.566	2.83
104	MP5C	Z	65.066	2.83
105	MP5C	Mx	.059	2.83
106	MP4A	X	29.566	.67
107	MP4A	Z	51.209	.67
108	MP4A	Mx	-.02	.67
109	MP4B	X	29.566	.67
110	MP4B	Z	51.209	.67
111	MP4B	Mx	-.02	.67
112	MP4C	X	24.266	.67
113	MP4C	Z	42.029	.67
114	MP4C	Mx	.028	.67
115	MP4A	X	28.578	.67
116	MP4A	Z	49.499	.67
117	MP4A	Mx	.023	.67
118	MP4B	X	28.578	.67
119	MP4B	Z	49.499	.67
120	MP4B	Mx	.023	.67
121	MP4C	X	21.304	.67
122	MP4C	Z	36.899	.67
123	MP4C	Mx	-.029	.67
124	OVP	X	51.961	2.5
125	OVP	Z	89.998	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	29.129	.33
128	MP1A	Z	50.453	.33
129	MP1A	Mx	-.023	.33
130	MP1A	X	29.129	2.83
131	MP1A	Z	50.453	2.83
132	MP1A	Mx	-.023	2.83
133	MP5A	X	29.129	.33
134	MP5A	Z	50.453	.33
135	MP5A	Mx	-.023	.33
136	MP5A	X	29.129	2.83
137	MP5A	Z	50.453	2.83
138	MP5A	Mx	-.023	2.83
139	OVP	X	51.961	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
140	OVP	Z	89.998	2
141	OVP	Mx	0	2
142	MP3B	X	16.478	5.5
143	MP3B	Z	28.54	5.5
144	MP3B	Mx	.014	5.5
145	MP3B	X	16.478	5.5
146	MP3B	Z	28.54	5.5
147	MP3B	Mx	-.014	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP3A	X	0	.55
2	MP3A	Z	15.38	.55
3	MP3A	Mx	0	.55
4	MP3B	X	0	.55
5	MP3B	Z	11.826	.55
6	MP3B	Mx	.006	.55
7	MP3C	X	0	.55
8	MP3C	Z	14.196	.55
9	MP3C	Mx	-.004	.55
10	MP3A	X	0	.55
11	MP3A	Z	15.38	.55
12	MP3A	Mx	0	.55
13	MP3B	X	0	.55
14	MP3B	Z	11.826	.55
15	MP3B	Mx	.006	.55
16	MP3C	X	0	.55
17	MP3C	Z	14.196	.55
18	MP3C	Mx	-.004	.55
19	MP2A	X	0	.58
20	MP2A	Z	81.474	.58
21	MP2A	Mx	0	.58
22	MP2A	X	0	2.58
23	MP2A	Z	81.474	2.58
24	MP2A	Mx	0	2.58
25	MP2B	X	0	.58
26	MP2B	Z	41.413	.58
27	MP2B	Mx	-.018	.58
28	MP2B	X	0	2.58
29	MP2B	Z	41.413	2.58
30	MP2B	Mx	-.018	2.58
31	MP2C	X	0	.58
32	MP2C	Z	68.12	.58
33	MP2C	Mx	.017	.58
34	MP2C	X	0	2.58
35	MP2C	Z	68.12	2.58
36	MP2C	Mx	.017	2.58
37	MP3A	X	0	1.42
38	MP3A	Z	189.345	1.42
39	MP3A	Mx	.142	1.42
40	MP3A	X	0	4.92
41	MP3A	Z	189.345	4.92
42	MP3A	Mx	.142	4.92
43	MP3B	X	0	1.42
44	MP3B	Z	140.605	1.42
45	MP3B	Mx	-.144	1.42



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	X	0	4.92
47	MP3B	Z	140.605	4.92
48	MP3B	Mx	-.144	4.92
49	MP3C	X	0	1.42
50	MP3C	Z	173.098	1.42
51	MP3C	Mx	-.048	1.42
52	MP3C	X	0	4.92
53	MP3C	Z	173.098	4.92
54	MP3C	Mx	-.048	4.92
55	MP3A	X	0	1.42
56	MP3A	Z	189.345	1.42
57	MP3A	Mx	-.142	1.42
58	MP3A	X	0	4.92
59	MP3A	Z	189.345	4.92
60	MP3A	Mx	-.142	4.92
61	MP3B	X	0	1.42
62	MP3B	Z	140.605	1.42
63	MP3B	Mx	-.039	1.42
64	MP3B	X	0	4.92
65	MP3B	Z	140.605	4.92
66	MP3B	Mx	-.039	4.92
67	MP3C	X	0	1.42
68	MP3C	Z	173.098	1.42
69	MP3C	Mx	.177	1.42
70	MP3C	X	0	4.92
71	MP3C	Z	173.098	4.92
72	MP3C	Mx	.177	4.92
73	MP2A	X	0	4.96
74	MP2A	Z	29.929	4.96
75	MP2A	Mx	0	4.96
76	MP2B	X	0	4.96
77	MP2B	Z	18.082	4.96
78	MP2B	Mx	-.007	4.96
79	MP2C	X	0	4.96
80	MP2C	Z	25.98	4.96
81	MP2C	Mx	.005	4.96
82	MP1B	X	0	.33
83	MP1B	Z	71.209	.33
84	MP1B	Mx	-.049	.33
85	MP1B	X	0	2.83
86	MP1B	Z	71.209	2.83
87	MP1B	Mx	-.049	2.83
88	MP1C	X	0	.33
89	MP1C	Z	71.209	.33
90	MP1C	Mx	.049	.33
91	MP1C	X	0	2.83
92	MP1C	Z	71.209	2.83
93	MP1C	Mx	.049	2.83
94	MP5B	X	0	.33
95	MP5B	Z	71.209	.33
96	MP5B	Mx	-.049	.33
97	MP5B	X	0	2.83
98	MP5B	Z	71.209	2.83
99	MP5B	Mx	-.049	2.83
100	MP5C	X	0	.33
101	MP5C	Z	71.209	.33
102	MP5C	Mx	.049	.33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
103	MP5C	X	0	2.83
104	MP5C	Z	71.209	2.83
105	MP5C	Mx	.049	2.83
106	MP4A	X	0	.67
107	MP4A	Z	64.431	.67
108	MP4A	Mx	0	.67
109	MP4B	X	0	.67
110	MP4B	Z	48.531	.67
111	MP4B	Mx	-.028	.67
112	MP4C	X	0	.67
113	MP4C	Z	59.131	.67
114	MP4C	Mx	.02	.67
115	MP4A	X	0	.67
116	MP4A	Z	64.431	.67
117	MP4A	Mx	0	.67
118	MP4B	X	0	.67
119	MP4B	Z	42.608	.67
120	MP4B	Mx	.029	.67
121	MP4C	X	0	.67
122	MP4C	Z	57.157	.67
123	MP4C	Mx	-.023	.67
124	OVP	X	0	2.5
125	OVP	Z	110.131	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	0	.33
128	MP1A	Z	55.702	.33
129	MP1A	Mx	0	.33
130	MP1A	X	0	2.83
131	MP1A	Z	55.702	2.83
132	MP1A	Mx	0	2.83
133	MP5A	X	0	.33
134	MP5A	Z	55.702	.33
135	MP5A	Mx	0	.33
136	MP5A	X	0	2.83
137	MP5A	Z	55.702	2.83
138	MP5A	Mx	0	2.83
139	OVP	X	0	2
140	OVP	Z	110.131	2
141	OVP	Mx	0	2
142	MP3B	X	0	5.5
143	MP3B	Z	19.054	5.5
144	MP3B	Mx	.014	5.5
145	MP3B	X	0	5.5
146	MP3B	Z	19.054	5.5
147	MP3B	Mx	-.014	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP3A	X	-7.098	.55
2	MP3A	Z	12.294	.55
3	MP3A	Mx	-.004	.55
4	MP3B	X	-5.321	.55
5	MP3B	Z	9.216	.55
6	MP3B	Mx	.007	.55
7	MP3C	X	-7.69	.55
8	MP3C	Z	13.32	.55

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
9	MP3C	Mx	0	.55
10	MP3A	X	-7.098	.55
11	MP3A	Z	12.294	.55
12	MP3A	Mx	-.004	.55
13	MP3B	X	-5.321	.55
14	MP3B	Z	9.216	.55
15	MP3B	Mx	.007	.55
16	MP3C	X	-7.69	.55
17	MP3C	Z	13.32	.55
18	MP3C	Mx	0	.55
19	MP2A	X	-34.06	.58
20	MP2A	Z	58.994	.58
21	MP2A	Mx	.017	.58
22	MP2A	X	-34.06	2.58
23	MP2A	Z	58.994	2.58
24	MP2A	Mx	.017	2.58
25	MP2B	X	-14.029	.58
26	MP2B	Z	24.3	.58
27	MP2B	Mx	-.014	.58
28	MP2B	X	-14.029	2.58
29	MP2B	Z	24.3	2.58
30	MP2B	Mx	-.014	2.58
31	MP2C	X	-40.737	.58
32	MP2C	Z	70.559	.58
33	MP2C	Mx	0	.58
34	MP2C	X	-40.737	2.58
35	MP2C	Z	70.559	2.58
36	MP2C	Mx	0	2.58
37	MP3A	X	-86.549	1.42
38	MP3A	Z	149.907	1.42
39	MP3A	Mx	.177	1.42
40	MP3A	X	-86.549	4.92
41	MP3A	Z	149.907	4.92
42	MP3A	Mx	.177	4.92
43	MP3B	X	-62.18	1.42
44	MP3B	Z	107.698	1.42
45	MP3B	Mx	-.093	1.42
46	MP3B	X	-62.18	4.92
47	MP3B	Z	107.698	4.92
48	MP3B	Mx	-.093	4.92
49	MP3C	X	-94.672	1.42
50	MP3C	Z	163.977	1.42
51	MP3C	Mx	-.142	1.42
52	MP3C	X	-94.672	4.92
53	MP3C	Z	163.977	4.92
54	MP3C	Mx	-.142	4.92
55	MP3A	X	-86.549	1.42
56	MP3A	Z	149.907	1.42
57	MP3A	Mx	-.048	1.42
58	MP3A	X	-86.549	4.92
59	MP3A	Z	149.907	4.92
60	MP3A	Mx	-.048	4.92
61	MP3B	X	-62.18	1.42
62	MP3B	Z	107.698	1.42
63	MP3B	Mx	-.093	1.42
64	MP3B	X	-62.18	4.92
65	MP3B	Z	107.698	4.92

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	-.093	4.92
67	MP3C	X	-94.672	1.42
68	MP3C	Z	163.977	1.42
69	MP3C	Mx	.142	1.42
70	MP3C	X	-94.672	4.92
71	MP3C	Z	163.977	4.92
72	MP3C	Mx	.142	4.92
73	MP2A	X	-12.99	4.96
74	MP2A	Z	22.5	4.96
75	MP2A	Mx	.005	4.96
76	MP2B	X	-7.067	4.96
77	MP2B	Z	12.24	4.96
78	MP2B	Mx	-.006	4.96
79	MP2C	X	-14.965	4.96
80	MP2C	Z	25.92	4.96
81	MP2C	Mx	0	4.96
82	MP1B	X	-37.566	.33
83	MP1B	Z	65.066	.33
84	MP1B	Mx	-.059	.33
85	MP1B	X	-37.566	2.83
86	MP1B	Z	65.066	2.83
87	MP1B	Mx	-.059	2.83
88	MP1C	X	-31.683	.33
89	MP1C	Z	54.876	.33
90	MP1C	Mx	.025	.33
91	MP1C	X	-31.683	2.83
92	MP1C	Z	54.876	2.83
93	MP1C	Mx	.025	2.83
94	MP5B	X	-37.566	.33
95	MP5B	Z	65.066	.33
96	MP5B	Mx	-.059	.33
97	MP5B	X	-37.566	2.83
98	MP5B	Z	65.066	2.83
99	MP5B	Mx	-.059	2.83
100	MP5C	X	-31.683	.33
101	MP5C	Z	54.876	.33
102	MP5C	Mx	.025	.33
103	MP5C	X	-31.683	2.83
104	MP5C	Z	54.876	2.83
105	MP5C	Mx	.025	2.83
106	MP4A	X	-29.566	.67
107	MP4A	Z	51.209	.67
108	MP4A	Mx	.02	.67
109	MP4B	X	-21.616	.67
110	MP4B	Z	37.439	.67
111	MP4B	Mx	-.029	.67
112	MP4C	X	-32.216	.67
113	MP4C	Z	55.799	.67
114	MP4C	Mx	0	.67
115	MP4A	X	-28.578	.67
116	MP4A	Z	49.499	.67
117	MP4A	Mx	-.023	.67
118	MP4B	X	-17.667	.67
119	MP4B	Z	30.599	.67
120	MP4B	Mx	.028	.67
121	MP4C	X	-32.216	.67
122	MP4C	Z	55.799	.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
123	MP4C	Mx	0	.67
124	OVP	X	-61.275	2.5
125	OVP	Z	106.131	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-29.129	.33
128	MP1A	Z	50.453	.33
129	MP1A	Mx	.023	.33
130	MP1A	X	-29.129	2.83
131	MP1A	Z	50.453	2.83
132	MP1A	Mx	.023	2.83
133	MP5A	X	-29.129	.33
134	MP5A	Z	50.453	.33
135	MP5A	Mx	.023	.33
136	MP5A	X	-29.129	2.83
137	MP5A	Z	50.453	2.83
138	MP5A	Mx	.023	2.83
139	OVP	X	-61.275	2
140	OVP	Z	106.131	2
141	OVP	Mx	0	2
142	MP3B	X	-6.052	5.5
143	MP3B	Z	10.482	5.5
144	MP3B	Mx	.01	5.5
145	MP3B	X	-6.052	5.5
146	MP3B	Z	10.482	5.5
147	MP3B	Mx	-.01	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP3A	X	-10.242	.55
2	MP3A	Z	5.913	.55
3	MP3A	Mx	-.006	.55
4	MP3B	X	-10.242	.55
5	MP3B	Z	5.913	.55
6	MP3B	Mx	.006	.55
7	MP3C	X	-12.294	.55
8	MP3C	Z	7.098	.55
9	MP3C	Mx	.004	.55
10	MP3A	X	-10.242	.55
11	MP3A	Z	5.913	.55
12	MP3A	Mx	-.006	.55
13	MP3B	X	-10.242	.55
14	MP3B	Z	5.913	.55
15	MP3B	Mx	.006	.55
16	MP3C	X	-12.294	.55
17	MP3C	Z	7.098	.55
18	MP3C	Mx	.004	.55
19	MP2A	X	-35.864	.58
20	MP2A	Z	20.706	.58
21	MP2A	Mx	.018	.58
22	MP2A	X	-35.864	2.58
23	MP2A	Z	20.706	2.58
24	MP2A	Mx	.018	2.58
25	MP2B	X	-35.864	.58
26	MP2B	Z	20.706	.58
27	MP2B	Mx	-.018	.58
28	MP2B	X	-35.864	2.58



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	20.706	2.58
30	MP2B	Mx	-.018	2.58
31	MP2C	X	-58.994	.58
32	MP2C	Z	34.06	.58
33	MP2C	Mx	-.017	.58
34	MP2C	X	-58.994	2.58
35	MP2C	Z	34.06	2.58
36	MP2C	Mx	-.017	2.58
37	MP3A	X	-121.768	1.42
38	MP3A	Z	70.303	1.42
39	MP3A	Mx	.144	1.42
40	MP3A	X	-121.768	4.92
41	MP3A	Z	70.303	4.92
42	MP3A	Mx	.144	4.92
43	MP3B	X	-121.768	1.42
44	MP3B	Z	70.303	1.42
45	MP3B	Mx	-.039	1.42
46	MP3B	X	-121.768	4.92
47	MP3B	Z	70.303	4.92
48	MP3B	Mx	-.039	4.92
49	MP3C	X	-149.907	1.42
50	MP3C	Z	86.549	1.42
51	MP3C	Mx	-.177	1.42
52	MP3C	X	-149.907	4.92
53	MP3C	Z	86.549	4.92
54	MP3C	Mx	-.177	4.92
55	MP3A	X	-121.768	1.42
56	MP3A	Z	70.303	1.42
57	MP3A	Mx	.039	1.42
58	MP3A	X	-121.768	4.92
59	MP3A	Z	70.303	4.92
60	MP3A	Mx	.039	4.92
61	MP3B	X	-121.768	1.42
62	MP3B	Z	70.303	1.42
63	MP3B	Mx	-.144	1.42
64	MP3B	X	-121.768	4.92
65	MP3B	Z	70.303	4.92
66	MP3B	Mx	-.144	4.92
67	MP3C	X	-149.907	1.42
68	MP3C	Z	86.549	1.42
69	MP3C	Mx	.048	1.42
70	MP3C	X	-149.907	4.92
71	MP3C	Z	86.549	4.92
72	MP3C	Mx	.048	4.92
73	MP2A	X	-15.66	4.96
74	MP2A	Z	9.041	4.96
75	MP2A	Mx	.007	4.96
76	MP2B	X	-15.66	4.96
77	MP2B	Z	9.041	4.96
78	MP2B	Mx	-.007	4.96
79	MP2C	X	-22.5	4.96
80	MP2C	Z	12.99	4.96
81	MP2C	Mx	-.005	4.96
82	MP1B	X	-61.669	.33
83	MP1B	Z	35.605	.33
84	MP1B	Mx	-.049	.33
85	MP1B	X	-61.669	2.83



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP1B	Z	35.605	2.83
87	MP1B	Mx	-.049	2.83
88	MP1C	X	-51.479	.33
89	MP1C	Z	29.721	.33
90	MP1C	Mx	0	.33
91	MP1C	X	-51.479	2.83
92	MP1C	Z	29.721	2.83
93	MP1C	Mx	0	2.83
94	MP5B	X	-61.669	.33
95	MP5B	Z	35.605	.33
96	MP5B	Mx	-.049	.33
97	MP5B	X	-61.669	2.83
98	MP5B	Z	35.605	2.83
99	MP5B	Mx	-.049	2.83
100	MP5C	X	-51.479	.33
101	MP5C	Z	29.721	.33
102	MP5C	Mx	0	.33
103	MP5C	X	-51.479	2.83
104	MP5C	Z	29.721	2.83
105	MP5C	Mx	0	2.83
106	MP4A	X	-42.029	.67
107	MP4A	Z	24.266	.67
108	MP4A	Mx	.028	.67
109	MP4B	X	-42.029	.67
110	MP4B	Z	24.266	.67
111	MP4B	Mx	-.028	.67
112	MP4C	X	-51.209	.67
113	MP4C	Z	29.566	.67
114	MP4C	Mx	-.02	.67
115	MP4A	X	-36.899	.67
116	MP4A	Z	21.304	.67
117	MP4A	Mx	-.029	.67
118	MP4B	X	-36.899	.67
119	MP4B	Z	21.304	.67
120	MP4B	Mx	.029	.67
121	MP4C	X	-49.499	.67
122	MP4C	Z	28.578	.67
123	MP4C	Mx	.023	.67
124	OVP	X	-111.508	2.5
125	OVP	Z	64.379	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-54.88	.33
128	MP1A	Z	31.685	.33
129	MP1A	Mx	.043	.33
130	MP1A	X	-54.88	2.83
131	MP1A	Z	31.685	2.83
132	MP1A	Mx	.043	2.83
133	MP5A	X	-54.88	.33
134	MP5A	Z	31.685	.33
135	MP5A	Mx	.043	.33
136	MP5A	X	-54.88	2.83
137	MP5A	Z	31.685	2.83
138	MP5A	Mx	.043	2.83
139	OVP	X	-111.508	2
140	OVP	Z	64.379	2
141	OVP	Mx	0	2
142	MP3B	X	-16.501	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
143	MP3B	Z	9.527	5.5
144	MP3B	Mx	.014	5.5
145	MP3B	X	-16.501	5.5
146	MP3B	Z	9.527	5.5
147	MP3B	Mx	-.014	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP3A	X	-10.642	.55
2	MP3A	Z	0	.55
3	MP3A	Mx	-.007	.55
4	MP3B	X	-14.196	.55
5	MP3B	Z	0	.55
6	MP3B	Mx	.004	.55
7	MP3C	X	-11.826	.55
8	MP3C	Z	0	.55
9	MP3C	Mx	.006	.55
10	MP3A	X	-10.642	.55
11	MP3A	Z	0	.55
12	MP3A	Mx	-.007	.55
13	MP3B	X	-14.196	.55
14	MP3B	Z	0	.55
15	MP3B	Mx	.004	.55
16	MP3C	X	-11.826	.55
17	MP3C	Z	0	.55
18	MP3C	Mx	.006	.55
19	MP2A	X	-28.059	.58
20	MP2A	Z	0	.58
21	MP2A	Mx	.014	.58
22	MP2A	X	-28.059	2.58
23	MP2A	Z	0	2.58
24	MP2A	Mx	.014	2.58
25	MP2B	X	-68.12	.58
26	MP2B	Z	0	.58
27	MP2B	Mx	-.017	.58
28	MP2B	X	-68.12	2.58
29	MP2B	Z	0	2.58
30	MP2B	Mx	-.017	2.58
31	MP2C	X	-41.413	.58
32	MP2C	Z	0	.58
33	MP2C	Mx	-.018	.58
34	MP2C	X	-41.413	2.58
35	MP2C	Z	0	2.58
36	MP2C	Mx	-.018	2.58
37	MP3A	X	-124.359	1.42
38	MP3A	Z	0	1.42
39	MP3A	Mx	.093	1.42
40	MP3A	X	-124.359	4.92
41	MP3A	Z	0	4.92
42	MP3A	Mx	.093	4.92
43	MP3B	X	-173.098	1.42
44	MP3B	Z	0	1.42
45	MP3B	Mx	.048	1.42
46	MP3B	X	-173.098	4.92
47	MP3B	Z	0	4.92
48	MP3B	Mx	.048	4.92



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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]	
49	MP3C	X	-140.605	1.42
50	MP3C	Z	0	1.42
51	MP3C	Mx	-.144	1.42
52	MP3C	X	-140.605	4.92
53	MP3C	Z	0	4.92
54	MP3C	Mx	-.144	4.92
55	MP3A	X	-124.359	1.42
56	MP3A	Z	0	1.42
57	MP3A	Mx	.093	1.42
58	MP3A	X	-124.359	4.92
59	MP3A	Z	0	4.92
60	MP3A	Mx	.093	4.92
61	MP3B	X	-173.098	1.42
62	MP3B	Z	0	1.42
63	MP3B	Mx	-.177	1.42
64	MP3B	X	-173.098	4.92
65	MP3B	Z	0	4.92
66	MP3B	Mx	-.177	4.92
67	MP3C	X	-140.605	1.42
68	MP3C	Z	0	1.42
69	MP3C	Mx	-.039	1.42
70	MP3C	X	-140.605	4.92
71	MP3C	Z	0	4.92
72	MP3C	Mx	-.039	4.92
73	MP2A	X	-14.133	4.96
74	MP2A	Z	0	4.96
75	MP2A	Mx	.006	4.96
76	MP2B	X	-25.98	4.96
77	MP2B	Z	0	4.96
78	MP2B	Mx	-.005	4.96
79	MP2C	X	-18.082	4.96
80	MP2C	Z	0	4.96
81	MP2C	Mx	-.007	4.96
82	MP1B	X	-63.365	.33
83	MP1B	Z	0	.33
84	MP1B	Mx	-.025	.33
85	MP1B	X	-63.365	2.83
86	MP1B	Z	0	2.83
87	MP1B	Mx	-.025	2.83
88	MP1C	X	-63.365	.33
89	MP1C	Z	0	.33
90	MP1C	Mx	-.025	.33
91	MP1C	X	-63.365	2.83
92	MP1C	Z	0	2.83
93	MP1C	Mx	-.025	2.83
94	MP5B	X	-63.365	.33
95	MP5B	Z	0	.33
96	MP5B	Mx	-.025	.33
97	MP5B	X	-63.365	2.83
98	MP5B	Z	0	2.83
99	MP5B	Mx	-.025	2.83
100	MP5C	X	-63.365	.33
101	MP5C	Z	0	.33
102	MP5C	Mx	-.025	.33
103	MP5C	X	-63.365	2.83
104	MP5C	Z	0	2.83
105	MP5C	Mx	-.025	2.83



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP4A	X	-43.231	.67
107	MP4A	Z	0	.67
108	MP4A	Mx	.029	.67
109	MP4B	X	-59.131	.67
110	MP4B	Z	0	.67
111	MP4B	Mx	-.02	.67
112	MP4C	X	-48.531	.67
113	MP4C	Z	0	.67
114	MP4C	Mx	-.028	.67
115	MP4A	X	-35.333	.67
116	MP4A	Z	0	.67
117	MP4A	Mx	-.028	.67
118	MP4B	X	-57.157	.67
119	MP4B	Z	0	.67
120	MP4B	Mx	.023	.67
121	MP4C	X	-42.608	.67
122	MP4C	Z	0	.67
123	MP4C	Mx	.029	.67
124	OVP	X	-122.549	2.5
125	OVP	Z	0	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-65.926	.33
128	MP1A	Z	0	.33
129	MP1A	Mx	.052	.33
130	MP1A	X	-65.926	2.83
131	MP1A	Z	0	2.83
132	MP1A	Mx	.052	2.83
133	MP5A	X	-65.926	.33
134	MP5A	Z	0	.33
135	MP5A	Mx	.052	.33
136	MP5A	X	-65.926	2.83
137	MP5A	Z	0	2.83
138	MP5A	Mx	.052	2.83
139	OVP	X	-122.549	2
140	OVP	Z	0	2
141	OVP	Mx	0	2
142	MP3B	X	-32.955	5.5
143	MP3B	Z	0	5.5
144	MP3B	Mx	.014	5.5
145	MP3B	X	-32.955	5.5
146	MP3B	Z	0	5.5
147	MP3B	Mx	-.014	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-10.242	.55
2	MP3A	Z	-5.913	.55
3	MP3A	Mx	-.006	.55
4	MP3B	X	-13.32	.55
5	MP3B	Z	-7.69	.55
6	MP3B	Mx	0	.55
7	MP3C	X	-9.216	.55
8	MP3C	Z	-5.321	.55
9	MP3C	Mx	.007	.55
10	MP3A	X	-10.242	.55
11	MP3A	Z	-5.913	.55



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3A	Mx	-.006	.55
13	MP3B	X	-13.32	.55
14	MP3B	Z	-7.69	.55
15	MP3B	Mx	0	.55
16	MP3C	X	-9.216	.55
17	MP3C	Z	-5.321	.55
18	MP3C	Mx	.007	.55
19	MP2A	X	-35.864	.58
20	MP2A	Z	-20.706	.58
21	MP2A	Mx	.018	.58
22	MP2A	X	-35.864	2.58
23	MP2A	Z	-20.706	2.58
24	MP2A	Mx	.018	2.58
25	MP2B	X	-70.559	.58
26	MP2B	Z	-40.737	.58
27	MP2B	Mx	0	.58
28	MP2B	X	-70.559	2.58
29	MP2B	Z	-40.737	2.58
30	MP2B	Mx	0	2.58
31	MP2C	X	-24.3	.58
32	MP2C	Z	-14.029	.58
33	MP2C	Mx	-.014	.58
34	MP2C	X	-24.3	2.58
35	MP2C	Z	-14.029	2.58
36	MP2C	Mx	-.014	2.58
37	MP3A	X	-121.768	1.42
38	MP3A	Z	-70.303	1.42
39	MP3A	Mx	.039	1.42
40	MP3A	X	-121.768	4.92
41	MP3A	Z	-70.303	4.92
42	MP3A	Mx	.039	4.92
43	MP3B	X	-163.977	1.42
44	MP3B	Z	-94.672	1.42
45	MP3B	Mx	.142	1.42
46	MP3B	X	-163.977	4.92
47	MP3B	Z	-94.672	4.92
48	MP3B	Mx	.142	4.92
49	MP3C	X	-107.698	1.42
50	MP3C	Z	-62.18	1.42
51	MP3C	Mx	-.093	1.42
52	MP3C	X	-107.698	4.92
53	MP3C	Z	-62.18	4.92
54	MP3C	Mx	-.093	4.92
55	MP3A	X	-121.768	1.42
56	MP3A	Z	-70.303	1.42
57	MP3A	Mx	.144	1.42
58	MP3A	X	-121.768	4.92
59	MP3A	Z	-70.303	4.92
60	MP3A	Mx	.144	4.92
61	MP3B	X	-163.977	1.42
62	MP3B	Z	-94.672	1.42
63	MP3B	Mx	-.142	1.42
64	MP3B	X	-163.977	4.92
65	MP3B	Z	-94.672	4.92
66	MP3B	Mx	-.142	4.92
67	MP3C	X	-107.698	1.42
68	MP3C	Z	-62.18	1.42



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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]	
69	MP3C	Mx	-0.093	1.42
70	MP3C	X	-107.698	4.92
71	MP3C	Z	-62.18	4.92
72	MP3C	Mx	-0.093	4.92
73	MP2A	X	-15.66	4.96
74	MP2A	Z	-9.041	4.96
75	MP2A	Mx	.007	4.96
76	MP2B	X	-25.92	4.96
77	MP2B	Z	-14.965	4.96
78	MP2B	Mx	0	4.96
79	MP2C	X	-12.24	4.96
80	MP2C	Z	-7.067	4.96
81	MP2C	Mx	-0.006	4.96
82	MP1B	X	-51.479	.33
83	MP1B	Z	-29.721	.33
84	MP1B	Mx	0	.33
85	MP1B	X	-51.479	2.83
86	MP1B	Z	-29.721	2.83
87	MP1B	Mx	0	2.83
88	MP1C	X	-61.669	.33
89	MP1C	Z	-35.605	.33
90	MP1C	Mx	-.049	.33
91	MP1C	X	-61.669	2.83
92	MP1C	Z	-35.605	2.83
93	MP1C	Mx	-.049	2.83
94	MP5B	X	-51.479	.33
95	MP5B	Z	-29.721	.33
96	MP5B	Mx	0	.33
97	MP5B	X	-51.479	2.83
98	MP5B	Z	-29.721	2.83
99	MP5B	Mx	0	2.83
100	MP5C	X	-61.669	.33
101	MP5C	Z	-35.605	.33
102	MP5C	Mx	-.049	.33
103	MP5C	X	-61.669	2.83
104	MP5C	Z	-35.605	2.83
105	MP5C	Mx	-.049	2.83
106	MP4A	X	-42.029	.67
107	MP4A	Z	-24.266	.67
108	MP4A	Mx	.028	.67
109	MP4B	X	-55.799	.67
110	MP4B	Z	-32.216	.67
111	MP4B	Mx	0	.67
112	MP4C	X	-37.439	.67
113	MP4C	Z	-21.616	.67
114	MP4C	Mx	-.029	.67
115	MP4A	X	-36.899	.67
116	MP4A	Z	-21.304	.67
117	MP4A	Mx	-.029	.67
118	MP4B	X	-55.799	.67
119	MP4B	Z	-32.216	.67
120	MP4B	Mx	0	.67
121	MP4C	X	-30.599	.67
122	MP4C	Z	-17.667	.67
123	MP4C	Mx	.028	.67
124	OVP	X	-95.376	2.5
125	OVP	Z	-55.065	2.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	OVP	Mx	0	2.5
127	MP1A	X	-54.88	.33
128	MP1A	Z	-31.685	.33
129	MP1A	Mx	.043	.33
130	MP1A	X	-54.88	2.83
131	MP1A	Z	-31.685	2.83
132	MP1A	Mx	.043	2.83
133	MP5A	X	-54.88	.33
134	MP5A	Z	-31.685	.33
135	MP5A	Mx	.043	.33
136	MP5A	X	-54.88	2.83
137	MP5A	Z	-31.685	2.83
138	MP5A	Mx	.043	2.83
139	OVP	X	-95.376	2
140	OVP	Z	-55.065	2
141	OVP	Mx	0	2
142	MP3B	X	-34.559	5.5
143	MP3B	Z	-19.953	5.5
144	MP3B	Mx	0	5.5
145	MP3B	X	-34.559	5.5
146	MP3B	Z	-19.953	5.5
147	MP3B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.098	.55
2	MP3A	Z	-12.294	.55
3	MP3A	Mx	-.004	.55
4	MP3B	X	-7.098	.55
5	MP3B	Z	-12.294	.55
6	MP3B	Mx	-.004	.55
7	MP3C	X	-5.913	.55
8	MP3C	Z	-10.242	.55
9	MP3C	Mx	.006	.55
10	MP3A	X	-7.098	.55
11	MP3A	Z	-12.294	.55
12	MP3A	Mx	-.004	.55
13	MP3B	X	-7.098	.55
14	MP3B	Z	-12.294	.55
15	MP3B	Mx	-.004	.55
16	MP3C	X	-5.913	.55
17	MP3C	Z	-10.242	.55
18	MP3C	Mx	.006	.55
19	MP2A	X	-34.06	.58
20	MP2A	Z	-58.994	.58
21	MP2A	Mx	.017	.58
22	MP2A	X	-34.06	2.58
23	MP2A	Z	-58.994	2.58
24	MP2A	Mx	.017	2.58
25	MP2B	X	-34.06	.58
26	MP2B	Z	-58.994	.58
27	MP2B	Mx	.017	.58
28	MP2B	X	-34.06	2.58
29	MP2B	Z	-58.994	2.58
30	MP2B	Mx	.017	2.58
31	MP2C	X	-20.706	.58



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP2C	Z	-35.864	.58
33	MP2C	Mx	-.018	.58
34	MP2C	X	-20.706	2.58
35	MP2C	Z	-35.864	2.58
36	MP2C	Mx	-.018	2.58
37	MP3A	X	-86.549	1.42
38	MP3A	Z	-149.907	1.42
39	MP3A	Mx	-.048	1.42
40	MP3A	X	-86.549	4.92
41	MP3A	Z	-149.907	4.92
42	MP3A	Mx	-.048	4.92
43	MP3B	X	-86.549	1.42
44	MP3B	Z	-149.907	1.42
45	MP3B	Mx	.177	1.42
46	MP3B	X	-86.549	4.92
47	MP3B	Z	-149.907	4.92
48	MP3B	Mx	.177	4.92
49	MP3C	X	-70.303	1.42
50	MP3C	Z	-121.768	1.42
51	MP3C	Mx	-.039	1.42
52	MP3C	X	-70.303	4.92
53	MP3C	Z	-121.768	4.92
54	MP3C	Mx	-.039	4.92
55	MP3A	X	-86.549	1.42
56	MP3A	Z	-149.907	1.42
57	MP3A	Mx	.177	1.42
58	MP3A	X	-86.549	4.92
59	MP3A	Z	-149.907	4.92
60	MP3A	Mx	.177	4.92
61	MP3B	X	-86.549	1.42
62	MP3B	Z	-149.907	1.42
63	MP3B	Mx	-.048	1.42
64	MP3B	X	-86.549	4.92
65	MP3B	Z	-149.907	4.92
66	MP3B	Mx	-.048	4.92
67	MP3C	X	-70.303	1.42
68	MP3C	Z	-121.768	1.42
69	MP3C	Mx	-.144	1.42
70	MP3C	X	-70.303	4.92
71	MP3C	Z	-121.768	4.92
72	MP3C	Mx	-.144	4.92
73	MP2A	X	-12.99	4.96
74	MP2A	Z	-22.5	4.96
75	MP2A	Mx	.005	4.96
76	MP2B	X	-12.99	4.96
77	MP2B	Z	-22.5	4.96
78	MP2B	Mx	.005	4.96
79	MP2C	X	-9.041	4.96
80	MP2C	Z	-15.66	4.96
81	MP2C	Mx	-.007	4.96
82	MP1B	X	-31.683	.33
83	MP1B	Z	-54.876	.33
84	MP1B	Mx	.025	.33
85	MP1B	X	-31.683	2.83
86	MP1B	Z	-54.876	2.83
87	MP1B	Mx	.025	2.83
88	MP1C	X	-37.566	.33



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP1C	Z	-65.066	.33
90	MP1C	Mx	-.059	.33
91	MP1C	X	-37.566	2.83
92	MP1C	Z	-65.066	2.83
93	MP1C	Mx	-.059	2.83
94	MP5B	X	-31.683	.33
95	MP5B	Z	-54.876	.33
96	MP5B	Mx	.025	.33
97	MP5B	X	-31.683	2.83
98	MP5B	Z	-54.876	2.83
99	MP5B	Mx	.025	2.83
100	MP5C	X	-37.566	.33
101	MP5C	Z	-65.066	.33
102	MP5C	Mx	-.059	.33
103	MP5C	X	-37.566	2.83
104	MP5C	Z	-65.066	2.83
105	MP5C	Mx	-.059	2.83
106	MP4A	X	-29.566	.67
107	MP4A	Z	-51.209	.67
108	MP4A	Mx	.02	.67
109	MP4B	X	-29.566	.67
110	MP4B	Z	-51.209	.67
111	MP4B	Mx	.02	.67
112	MP4C	X	-24.266	.67
113	MP4C	Z	-42.029	.67
114	MP4C	Mx	-.028	.67
115	MP4A	X	-28.578	.67
116	MP4A	Z	-49.499	.67
117	MP4A	Mx	-.023	.67
118	MP4B	X	-28.578	.67
119	MP4B	Z	-49.499	.67
120	MP4B	Mx	-.023	.67
121	MP4C	X	-21.304	.67
122	MP4C	Z	-36.899	.67
123	MP4C	Mx	.029	.67
124	OVP	X	-51.961	2.5
125	OVP	Z	-89.998	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-29.129	.33
128	MP1A	Z	-50.453	.33
129	MP1A	Mx	.023	.33
130	MP1A	X	-29.129	2.83
131	MP1A	Z	-50.453	2.83
132	MP1A	Mx	.023	2.83
133	MP5A	X	-29.129	.33
134	MP5A	Z	-50.453	.33
135	MP5A	Mx	.023	.33
136	MP5A	X	-29.129	2.83
137	MP5A	Z	-50.453	2.83
138	MP5A	Mx	.023	2.83
139	OVP	X	-51.961	2
140	OVP	Z	-89.998	2
141	OVP	Mx	0	2
142	MP3B	X	-16.478	5.5
143	MP3B	Z	-28.54	5.5
144	MP3B	Mx	-.014	5.5
145	MP3B	X	-16.478	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
146	MP3B	Z	-28.54	5.5
147	MP3B	Mx	.014	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.55
2	MP3A	Z	-4.689	.55
3	MP3A	Mx	0	.55
4	MP3B	X	0	.55
5	MP3B	Z	-3.892	.55
6	MP3B	Mx	-.002	.55
7	MP3C	X	0	.55
8	MP3C	Z	-4.423	.55
9	MP3C	Mx	.001	.55
10	MP3A	X	0	.55
11	MP3A	Z	-4.689	.55
12	MP3A	Mx	0	.55
13	MP3B	X	0	.55
14	MP3B	Z	-3.892	.55
15	MP3B	Mx	-.002	.55
16	MP3C	X	0	.55
17	MP3C	Z	-4.423	.55
18	MP3C	Mx	.001	.55
19	MP2A	X	0	.58
20	MP2A	Z	-20.309	.58
21	MP2A	Mx	0	.58
22	MP2A	X	0	2.58
23	MP2A	Z	-20.309	2.58
24	MP2A	Mx	0	2.58
25	MP2B	X	0	.58
26	MP2B	Z	-11.841	.58
27	MP2B	Mx	.005	.58
28	MP2B	X	0	2.58
29	MP2B	Z	-11.841	2.58
30	MP2B	Mx	.005	2.58
31	MP2C	X	0	.58
32	MP2C	Z	-17.486	.58
33	MP2C	Mx	-.004	.58
34	MP2C	X	0	2.58
35	MP2C	Z	-17.486	2.58
36	MP2C	Mx	-.004	2.58
37	MP3A	X	0	1.42
38	MP3A	Z	-37.686	1.42
39	MP3A	Mx	-.028	1.42
40	MP3A	X	0	4.92
41	MP3A	Z	-37.686	4.92
42	MP3A	Mx	-.028	4.92
43	MP3B	X	0	1.42
44	MP3B	Z	-28.982	1.42
45	MP3B	Mx	.03	1.42
46	MP3B	X	0	4.92
47	MP3B	Z	-28.982	4.92
48	MP3B	Mx	.03	4.92
49	MP3C	X	0	1.42
50	MP3C	Z	-34.785	1.42
51	MP3C	Mx	.01	1.42



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
52	MP3C	X	0	4.92
53	MP3C	Z	-34.785	4.92
54	MP3C	Mx	.01	4.92
55	MP3A	X	0	1.42
56	MP3A	Z	-37.686	1.42
57	MP3A	Mx	.028	1.42
58	MP3A	X	0	4.92
59	MP3A	Z	-37.686	4.92
60	MP3A	Mx	.028	4.92
61	MP3B	X	0	1.42
62	MP3B	Z	-28.982	1.42
63	MP3B	Mx	.008	1.42
64	MP3B	X	0	4.92
65	MP3B	Z	-28.982	4.92
66	MP3B	Mx	.008	4.92
67	MP3C	X	0	1.42
68	MP3C	Z	-34.785	1.42
69	MP3C	Mx	-.036	1.42
70	MP3C	X	0	4.92
71	MP3C	Z	-34.785	4.92
72	MP3C	Mx	-.036	4.92
73	MP2A	X	0	4.96
74	MP2A	Z	-10.339	4.96
75	MP2A	Mx	0	4.96
76	MP2B	X	0	4.96
77	MP2B	Z	-8.113	4.96
78	MP2B	Mx	.003	4.96
79	MP2C	X	0	4.96
80	MP2C	Z	-9.597	4.96
81	MP2C	Mx	-.002	4.96
82	MP1B	X	0	.33
83	MP1B	Z	-15.529	.33
84	MP1B	Mx	.011	.33
85	MP1B	X	0	2.83
86	MP1B	Z	-15.529	2.83
87	MP1B	Mx	.011	2.83
88	MP1C	X	0	.33
89	MP1C	Z	-15.529	.33
90	MP1C	Mx	-.011	.33
91	MP1C	X	0	2.83
92	MP1C	Z	-15.529	2.83
93	MP1C	Mx	-.011	2.83
94	MP5B	X	0	.33
95	MP5B	Z	-15.529	.33
96	MP5B	Mx	.011	.33
97	MP5B	X	0	2.83
98	MP5B	Z	-15.529	2.83
99	MP5B	Mx	.011	2.83
100	MP5C	X	0	.33
101	MP5C	Z	-15.529	.33
102	MP5C	Mx	-.011	.33
103	MP5C	X	0	2.83
104	MP5C	Z	-15.529	2.83
105	MP5C	Mx	-.011	2.83
106	MP4A	X	0	.67
107	MP4A	Z	-17.591	.67
108	MP4A	Mx	0	.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
109	MP4B	X	0	.67
110	MP4B	Z	-13.753	.67
111	MP4B	Mx	.008	.67
112	MP4C	X	0	.67
113	MP4C	Z	-16.312	.67
114	MP4C	Mx	-.005	.67
115	MP4A	X	0	.67
116	MP4A	Z	-17.591	.67
117	MP4A	Mx	0	.67
118	MP4B	X	0	.67
119	MP4B	Z	-12.295	.67
120	MP4B	Mx	-.008	.67
121	MP4C	X	0	.67
122	MP4C	Z	-15.826	.67
123	MP4C	Mx	.006	.67
124	OVP	X	0	2.5
125	OVP	Z	-33.426	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	0	.33
128	MP1A	Z	-12.512	.33
129	MP1A	Mx	0	.33
130	MP1A	X	0	2.83
131	MP1A	Z	-12.512	2.83
132	MP1A	Mx	0	2.83
133	MP5A	X	0	.33
134	MP5A	Z	-12.512	.33
135	MP5A	Mx	0	.33
136	MP5A	X	0	2.83
137	MP5A	Z	-12.512	2.83
138	MP5A	Mx	0	2.83
139	OVP	X	0	2
140	OVP	Z	-33.426	2
141	OVP	Mx	0	2
142	MP3B	X	0	5.5
143	MP3B	Z	-5.595	5.5
144	MP3B	Mx	-.004	5.5
145	MP3B	X	0	5.5
146	MP3B	Z	-5.595	5.5
147	MP3B	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	2.212	.55
2	MP3A	Z	-3.831	.55
3	MP3A	Mx	.001	.55
4	MP3B	X	1.813	.55
5	MP3B	Z	-3.14	.55
6	MP3B	Mx	-.002	.55
7	MP3C	X	2.345	.55
8	MP3C	Z	-4.061	.55
9	MP3C	Mx	0	.55
10	MP3A	X	2.212	.55
11	MP3A	Z	-3.831	.55
12	MP3A	Mx	.001	.55
13	MP3B	X	1.813	.55
14	MP3B	Z	-3.14	.55



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP3B	Mx	-.002	.55
16	MP3C	X	2.345	.55
17	MP3C	Z	-4.061	.55
18	MP3C	Mx	0	.55
19	MP2A	X	8.743	.58
20	MP2A	Z	-15.144	.58
21	MP2A	Mx	-.004	.58
22	MP2A	X	8.743	2.58
23	MP2A	Z	-15.144	2.58
24	MP2A	Mx	-.004	2.58
25	MP2B	X	4.509	.58
26	MP2B	Z	-7.811	.58
27	MP2B	Mx	.005	.58
28	MP2B	X	4.509	2.58
29	MP2B	Z	-7.811	2.58
30	MP2B	Mx	.005	2.58
31	MP2C	X	10.154	.58
32	MP2C	Z	-17.588	.58
33	MP2C	Mx	0	.58
34	MP2C	X	10.154	2.58
35	MP2C	Z	-17.588	2.58
36	MP2C	Mx	0	2.58
37	MP3A	X	17.392	1.42
38	MP3A	Z	-30.124	1.42
39	MP3A	Mx	-.036	1.42
40	MP3A	X	17.392	4.92
41	MP3A	Z	-30.124	4.92
42	MP3A	Mx	-.036	4.92
43	MP3B	X	13.04	1.42
44	MP3B	Z	-22.586	1.42
45	MP3B	Mx	.02	1.42
46	MP3B	X	13.04	4.92
47	MP3B	Z	-22.586	4.92
48	MP3B	Mx	.02	4.92
49	MP3C	X	18.843	1.42
50	MP3C	Z	-32.637	1.42
51	MP3C	Mx	.028	1.42
52	MP3C	X	18.843	4.92
53	MP3C	Z	-32.637	4.92
54	MP3C	Mx	.028	4.92
55	MP3A	X	17.392	1.42
56	MP3A	Z	-30.124	1.42
57	MP3A	Mx	.01	1.42
58	MP3A	X	17.392	4.92
59	MP3A	Z	-30.124	4.92
60	MP3A	Mx	.01	4.92
61	MP3B	X	13.04	1.42
62	MP3B	Z	-22.586	1.42
63	MP3B	Mx	.02	1.42
64	MP3B	X	13.04	4.92
65	MP3B	Z	-22.586	4.92
66	MP3B	Mx	.02	4.92
67	MP3C	X	18.843	1.42
68	MP3C	Z	-32.637	1.42
69	MP3C	Mx	-.028	1.42
70	MP3C	X	18.843	4.92
71	MP3C	Z	-32.637	4.92



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP3C	Mx	-.028	4.92
73	MP2A	X	4.798	4.96
74	MP2A	Z	-8.311	4.96
75	MP2A	Mx	-.002	4.96
76	MP2B	X	3.686	4.96
77	MP2B	Z	-6.384	4.96
78	MP2B	Mx	.003	4.96
79	MP2C	X	5.169	4.96
80	MP2C	Z	-8.954	4.96
81	MP2C	Mx	0	4.96
82	MP1B	X	8.117	.33
83	MP1B	Z	-14.059	.33
84	MP1B	Mx	.013	.33
85	MP1B	X	8.117	2.83
86	MP1B	Z	-14.059	2.83
87	MP1B	Mx	.013	2.83
88	MP1C	X	7.06	.33
89	MP1C	Z	-12.228	.33
90	MP1C	Mx	-.006	.33
91	MP1C	X	7.06	2.83
92	MP1C	Z	-12.228	2.83
93	MP1C	Mx	-.006	2.83
94	MP5B	X	8.117	.33
95	MP5B	Z	-14.059	.33
96	MP5B	Mx	.013	.33
97	MP5B	X	8.117	2.83
98	MP5B	Z	-14.059	2.83
99	MP5B	Mx	.013	2.83
100	MP5C	X	7.06	.33
101	MP5C	Z	-12.228	.33
102	MP5C	Mx	-.006	.33
103	MP5C	X	7.06	2.83
104	MP5C	Z	-12.228	2.83
105	MP5C	Mx	-.006	2.83
106	MP4A	X	8.156	.67
107	MP4A	Z	-14.127	.67
108	MP4A	Mx	-.005	.67
109	MP4B	X	6.237	.67
110	MP4B	Z	-10.803	.67
111	MP4B	Mx	.008	.67
112	MP4C	X	8.796	.67
113	MP4C	Z	-15.234	.67
114	MP4C	Mx	0	.67
115	MP4A	X	7.913	.67
116	MP4A	Z	-13.706	.67
117	MP4A	Mx	.006	.67
118	MP4B	X	5.265	.67
119	MP4B	Z	-9.119	.67
120	MP4B	Mx	-.008	.67
121	MP4C	X	8.796	.67
122	MP4C	Z	-15.234	.67
123	MP4C	Mx	0	.67
124	OVP	X	14.865	2.5
125	OVP	Z	-25.747	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	6.493	.33
128	MP1A	Z	-11.246	.33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
129	MP1A	Mx	-.005	.33
130	MP1A	X	6.493	2.83
131	MP1A	Z	-11.246	2.83
132	MP1A	Mx	-.005	2.83
133	MP5A	X	6.493	.33
134	MP5A	Z	-11.246	.33
135	MP5A	Mx	-.005	.33
136	MP5A	X	6.493	2.83
137	MP5A	Z	-11.246	2.83
138	MP5A	Mx	-.005	2.83
139	OVP	X	14.865	2
140	OVP	Z	-25.747	2
141	OVP	Mx	0	2
142	MP3B	X	2.067	5.5
143	MP3B	Z	-3.58	5.5
144	MP3B	Mx	-.003	5.5
145	MP3B	X	2.067	5.5
146	MP3B	Z	-3.58	5.5
147	MP3B	Mx	.003	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	3.37	.55
2	MP3A	Z	-1.946	.55
3	MP3A	Mx	.002	.55
4	MP3B	X	3.37	.55
5	MP3B	Z	-1.946	.55
6	MP3B	Mx	-.002	.55
7	MP3C	X	3.831	.55
8	MP3C	Z	-2.212	.55
9	MP3C	Mx	-.001	.55
10	MP3A	X	3.37	.55
11	MP3A	Z	-1.946	.55
12	MP3A	Mx	.002	.55
13	MP3B	X	3.37	.55
14	MP3B	Z	-1.946	.55
15	MP3B	Mx	-.002	.55
16	MP3C	X	3.831	.55
17	MP3C	Z	-2.212	.55
18	MP3C	Mx	-.001	.55
19	MP2A	X	10.255	.58
20	MP2A	Z	-5.921	.58
21	MP2A	Mx	-.005	.58
22	MP2A	X	10.255	2.58
23	MP2A	Z	-5.921	2.58
24	MP2A	Mx	-.005	2.58
25	MP2B	X	10.255	.58
26	MP2B	Z	-5.921	.58
27	MP2B	Mx	.005	.58
28	MP2B	X	10.255	2.58
29	MP2B	Z	-5.921	2.58
30	MP2B	Mx	.005	2.58
31	MP2C	X	15.144	.58
32	MP2C	Z	-8.743	.58
33	MP2C	Mx	.004	.58
34	MP2C	X	15.144	2.58

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	-8.743	2.58
36	MP2C	Mx	.004	2.58
37	MP3A	X	25.099	1.42
38	MP3A	Z	-14.491	1.42
39	MP3A	Mx	-.03	1.42
40	MP3A	X	25.099	4.92
41	MP3A	Z	-14.491	4.92
42	MP3A	Mx	-.03	4.92
43	MP3B	X	25.099	1.42
44	MP3B	Z	-14.491	1.42
45	MP3B	Mx	.008	1.42
46	MP3B	X	25.099	4.92
47	MP3B	Z	-14.491	4.92
48	MP3B	Mx	.008	4.92
49	MP3C	X	30.124	1.42
50	MP3C	Z	-17.392	1.42
51	MP3C	Mx	.036	1.42
52	MP3C	X	30.124	4.92
53	MP3C	Z	-17.392	4.92
54	MP3C	Mx	.036	4.92
55	MP3A	X	25.099	1.42
56	MP3A	Z	-14.491	1.42
57	MP3A	Mx	-.008	1.42
58	MP3A	X	25.099	4.92
59	MP3A	Z	-14.491	4.92
60	MP3A	Mx	-.008	4.92
61	MP3B	X	25.099	1.42
62	MP3B	Z	-14.491	1.42
63	MP3B	Mx	.03	1.42
64	MP3B	X	25.099	4.92
65	MP3B	Z	-14.491	4.92
66	MP3B	Mx	.03	4.92
67	MP3C	X	30.124	1.42
68	MP3C	Z	-17.392	1.42
69	MP3C	Mx	-.01	1.42
70	MP3C	X	30.124	4.92
71	MP3C	Z	-17.392	4.92
72	MP3C	Mx	-.01	4.92
73	MP2A	X	7.026	4.96
74	MP2A	Z	-4.057	4.96
75	MP2A	Mx	-.003	4.96
76	MP2B	X	7.026	4.96
77	MP2B	Z	-4.057	4.96
78	MP2B	Mx	.003	4.96
79	MP2C	X	8.311	4.96
80	MP2C	Z	-4.798	4.96
81	MP2C	Mx	.002	4.96
82	MP1B	X	13.448	.33
83	MP1B	Z	-7.764	.33
84	MP1B	Mx	.011	.33
85	MP1B	X	13.448	2.83
86	MP1B	Z	-7.764	2.83
87	MP1B	Mx	.011	2.83
88	MP1C	X	11.617	.33
89	MP1C	Z	-6.707	.33
90	MP1C	Mx	0	.33
91	MP1C	X	11.617	2.83



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP1C	Z	-6.707	2.83
93	MP1C	Mx	0	2.83
94	MP5B	X	13.448	.33
95	MP5B	Z	-7.764	.33
96	MP5B	Mx	.011	.33
97	MP5B	X	13.448	2.83
98	MP5B	Z	-7.764	2.83
99	MP5B	Mx	.011	2.83
100	MP5C	X	11.617	.33
101	MP5C	Z	-6.707	.33
102	MP5C	Mx	0	.33
103	MP5C	X	11.617	2.83
104	MP5C	Z	-6.707	2.83
105	MP5C	Mx	0	2.83
106	MP4A	X	11.911	.67
107	MP4A	Z	-6.877	.67
108	MP4A	Mx	-.008	.67
109	MP4B	X	11.911	.67
110	MP4B	Z	-6.877	.67
111	MP4B	Mx	.008	.67
112	MP4C	X	14.127	.67
113	MP4C	Z	-8.156	.67
114	MP4C	Mx	.005	.67
115	MP4A	X	10.648	.67
116	MP4A	Z	-6.147	.67
117	MP4A	Mx	.008	.67
118	MP4B	X	10.648	.67
119	MP4B	Z	-6.147	.67
120	MP4B	Mx	-.008	.67
121	MP4C	X	13.706	.67
122	MP4C	Z	-7.913	.67
123	MP4C	Mx	-.006	.67
124	OVP	X	24.146	2.5
125	OVP	Z	-13.941	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	12.066	.33
128	MP1A	Z	-6.966	.33
129	MP1A	Mx	-.01	.33
130	MP1A	X	12.066	2.83
131	MP1A	Z	-6.966	2.83
132	MP1A	Mx	-.01	2.83
133	MP5A	X	12.066	.33
134	MP5A	Z	-6.966	.33
135	MP5A	Mx	-.01	.33
136	MP5A	X	12.066	2.83
137	MP5A	Z	-6.966	2.83
138	MP5A	Mx	-.01	2.83
139	OVP	X	24.146	2
140	OVP	Z	-13.941	2
141	OVP	Mx	0	2
142	MP3B	X	4.845	5.5
143	MP3B	Z	-2.797	5.5
144	MP3B	Mx	-.004	5.5
145	MP3B	X	4.845	5.5
146	MP3B	Z	-2.797	5.5
147	MP3B	Mx	.004	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	3.626	.55
2	MP3A	Z	0	.55
3	MP3A	Mx	.002	.55
4	MP3B	X	4.423	.55
5	MP3B	Z	0	.55
6	MP3B	Mx	-.001	.55
7	MP3C	X	3.892	.55
8	MP3C	Z	0	.55
9	MP3C	Mx	-.002	.55
10	MP3A	X	3.626	.55
11	MP3A	Z	0	.55
12	MP3A	Mx	.002	.55
13	MP3B	X	4.423	.55
14	MP3B	Z	0	.55
15	MP3B	Mx	-.001	.55
16	MP3C	X	3.892	.55
17	MP3C	Z	0	.55
18	MP3C	Mx	-.002	.55
19	MP2A	X	9.019	.58
20	MP2A	Z	0	.58
21	MP2A	Mx	-.005	.58
22	MP2A	X	9.019	2.58
23	MP2A	Z	0	2.58
24	MP2A	Mx	-.005	2.58
25	MP2B	X	17.486	.58
26	MP2B	Z	0	.58
27	MP2B	Mx	.004	.58
28	MP2B	X	17.486	2.58
29	MP2B	Z	0	2.58
30	MP2B	Mx	.004	2.58
31	MP2C	X	11.841	.58
32	MP2C	Z	0	.58
33	MP2C	Mx	.005	.58
34	MP2C	X	11.841	2.58
35	MP2C	Z	0	2.58
36	MP2C	Mx	.005	2.58
37	MP3A	X	26.081	1.42
38	MP3A	Z	0	1.42
39	MP3A	Mx	-.02	1.42
40	MP3A	X	26.081	4.92
41	MP3A	Z	0	4.92
42	MP3A	Mx	-.02	4.92
43	MP3B	X	34.785	1.42
44	MP3B	Z	0	1.42
45	MP3B	Mx	-.01	1.42
46	MP3B	X	34.785	4.92
47	MP3B	Z	0	4.92
48	MP3B	Mx	-.01	4.92
49	MP3C	X	28.982	1.42
50	MP3C	Z	0	1.42
51	MP3C	Mx	.03	1.42
52	MP3C	X	28.982	4.92
53	MP3C	Z	0	4.92
54	MP3C	Mx	.03	4.92
55	MP3A	X	26.081	1.42
56	MP3A	Z	0	1.42
57	MP3A	Mx	-.02	1.42



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP3A	X	26.081	4.92
59	MP3A	Z	0	4.92
60	MP3A	Mx	-.02	4.92
61	MP3B	X	34.785	1.42
62	MP3B	Z	0	1.42
63	MP3B	Mx	.036	1.42
64	MP3B	X	34.785	4.92
65	MP3B	Z	0	4.92
66	MP3B	Mx	.036	4.92
67	MP3C	X	28.982	1.42
68	MP3C	Z	0	1.42
69	MP3C	Mx	.008	1.42
70	MP3C	X	28.982	4.92
71	MP3C	Z	0	4.92
72	MP3C	Mx	.008	4.92
73	MP2A	X	7.371	4.96
74	MP2A	Z	0	4.96
75	MP2A	Mx	-.003	4.96
76	MP2B	X	9.597	4.96
77	MP2B	Z	0	4.96
78	MP2B	Mx	.002	4.96
79	MP2C	X	8.113	4.96
80	MP2C	Z	0	4.96
81	MP2C	Mx	.003	4.96
82	MP1B	X	14.119	.33
83	MP1B	Z	0	.33
84	MP1B	Mx	.006	.33
85	MP1B	X	14.119	2.83
86	MP1B	Z	0	2.83
87	MP1B	Mx	.006	2.83
88	MP1C	X	14.119	.33
89	MP1C	Z	0	.33
90	MP1C	Mx	.006	.33
91	MP1C	X	14.119	2.83
92	MP1C	Z	0	2.83
93	MP1C	Mx	.006	2.83
94	MP5B	X	14.119	.33
95	MP5B	Z	0	.33
96	MP5B	Mx	.006	.33
97	MP5B	X	14.119	2.83
98	MP5B	Z	0	2.83
99	MP5B	Mx	.006	2.83
100	MP5C	X	14.119	.33
101	MP5C	Z	0	.33
102	MP5C	Mx	.006	.33
103	MP5C	X	14.119	2.83
104	MP5C	Z	0	2.83
105	MP5C	Mx	.006	2.83
106	MP4A	X	12.474	.67
107	MP4A	Z	0	.67
108	MP4A	Mx	-.008	.67
109	MP4B	X	16.312	.67
110	MP4B	Z	0	.67
111	MP4B	Mx	.005	.67
112	MP4C	X	13.753	.67
113	MP4C	Z	0	.67
114	MP4C	Mx	.008	.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
115	MP4A	X	10.53	.67
116	MP4A	Z	0	.67
117	MP4A	Mx	.008	.67
118	MP4B	X	15.826	.67
119	MP4B	Z	0	.67
120	MP4B	Mx	-.006	.67
121	MP4C	X	12.295	.67
122	MP4C	Z	0	.67
123	MP4C	Mx	-.008	.67
124	OVP	X	29.73	2.5
125	OVP	Z	0	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	14.407	.33
128	MP1A	Z	0	.33
129	MP1A	Mx	-.011	.33
130	MP1A	X	14.407	2.83
131	MP1A	Z	0	2.83
132	MP1A	Mx	-.011	2.83
133	MP5A	X	14.407	.33
134	MP5A	Z	0	.33
135	MP5A	Mx	-.011	.33
136	MP5A	X	14.407	2.83
137	MP5A	Z	0	2.83
138	MP5A	Mx	-.011	2.83
139	OVP	X	29.73	2
140	OVP	Z	0	2
141	OVP	Mx	0	2
142	MP3B	X	8.516	5.5
143	MP3B	Z	0	5.5
144	MP3B	Mx	-.004	5.5
145	MP3B	X	8.516	5.5
146	MP3B	Z	0	5.5
147	MP3B	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	3.37	.55
2	MP3A	Z	1.946	.55
3	MP3A	Mx	.002	.55
4	MP3B	X	4.061	.55
5	MP3B	Z	2.345	.55
6	MP3B	Mx	0	.55
7	MP3C	X	3.14	.55
8	MP3C	Z	1.813	.55
9	MP3C	Mx	-.002	.55
10	MP3A	X	3.37	.55
11	MP3A	Z	1.946	.55
12	MP3A	Mx	.002	.55
13	MP3B	X	4.061	.55
14	MP3B	Z	2.345	.55
15	MP3B	Mx	0	.55
16	MP3C	X	3.14	.55
17	MP3C	Z	1.813	.55
18	MP3C	Mx	-.002	.55
19	MP2A	X	10.255	.58
20	MP2A	Z	5.921	.58



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
21	MP2A	Mx	.58
22	MP2A	X	2.58
23	MP2A	Z	2.58
24	MP2A	Mx	2.58
25	MP2B	X	.58
26	MP2B	Z	.58
27	MP2B	Mx	.58
28	MP2B	X	2.58
29	MP2B	Z	2.58
30	MP2B	Mx	2.58
31	MP2C	X	.58
32	MP2C	Z	.58
33	MP2C	Mx	.58
34	MP2C	X	2.58
35	MP2C	Z	2.58
36	MP2C	Mx	2.58
37	MP3A	X	1.42
38	MP3A	Z	1.42
39	MP3A	Mx	1.42
40	MP3A	X	4.92
41	MP3A	Z	4.92
42	MP3A	Mx	4.92
43	MP3B	X	1.42
44	MP3B	Z	1.42
45	MP3B	Mx	1.42
46	MP3B	X	4.92
47	MP3B	Z	4.92
48	MP3B	Mx	4.92
49	MP3C	X	1.42
50	MP3C	Z	1.42
51	MP3C	Mx	1.42
52	MP3C	X	4.92
53	MP3C	Z	4.92
54	MP3C	Mx	4.92
55	MP3A	X	1.42
56	MP3A	Z	1.42
57	MP3A	Mx	1.42
58	MP3A	X	4.92
59	MP3A	Z	4.92
60	MP3A	Mx	4.92
61	MP3B	X	1.42
62	MP3B	Z	1.42
63	MP3B	Mx	1.42
64	MP3B	X	4.92
65	MP3B	Z	4.92
66	MP3B	Mx	4.92
67	MP3C	X	1.42
68	MP3C	Z	1.42
69	MP3C	Mx	1.42
70	MP3C	X	4.92
71	MP3C	Z	4.92
72	MP3C	Mx	4.92
73	MP2A	X	4.96
74	MP2A	Z	4.96
75	MP2A	Mx	4.96
76	MP2B	X	4.96
77	MP2B	Z	4.96



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2B	Mx	0	4.96
79	MP2C	X	6.384	4.96
80	MP2C	Z	3.686	4.96
81	MP2C	Mx	.003	4.96
82	MP1B	X	11.617	.33
83	MP1B	Z	6.707	.33
84	MP1B	Mx	0	.33
85	MP1B	X	11.617	2.83
86	MP1B	Z	6.707	2.83
87	MP1B	Mx	0	2.83
88	MP1C	X	13.448	.33
89	MP1C	Z	7.764	.33
90	MP1C	Mx	.011	.33
91	MP1C	X	13.448	2.83
92	MP1C	Z	7.764	2.83
93	MP1C	Mx	.011	2.83
94	MP5B	X	11.617	.33
95	MP5B	Z	6.707	.33
96	MP5B	Mx	0	.33
97	MP5B	X	11.617	2.83
98	MP5B	Z	6.707	2.83
99	MP5B	Mx	0	2.83
100	MP5C	X	13.448	.33
101	MP5C	Z	7.764	.33
102	MP5C	Mx	.011	.33
103	MP5C	X	13.448	2.83
104	MP5C	Z	7.764	2.83
105	MP5C	Mx	.011	2.83
106	MP4A	X	11.911	.67
107	MP4A	Z	6.877	.67
108	MP4A	Mx	-.008	.67
109	MP4B	X	15.234	.67
110	MP4B	Z	8.796	.67
111	MP4B	Mx	0	.67
112	MP4C	X	10.803	.67
113	MP4C	Z	6.237	.67
114	MP4C	Mx	.008	.67
115	MP4A	X	10.648	.67
116	MP4A	Z	6.147	.67
117	MP4A	Mx	.008	.67
118	MP4B	X	15.234	.67
119	MP4B	Z	8.796	.67
120	MP4B	Mx	0	.67
121	MP4C	X	9.119	.67
122	MP4C	Z	5.265	.67
123	MP4C	Mx	-.008	.67
124	OVP	X	28.948	2.5
125	OVP	Z	16.713	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	12.066	.33
128	MP1A	Z	6.966	.33
129	MP1A	Mx	-.01	.33
130	MP1A	X	12.066	2.83
131	MP1A	Z	6.966	2.83
132	MP1A	Mx	-.01	2.83
133	MP5A	X	12.066	.33
134	MP5A	Z	6.966	.33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
135	MP5A	Mx	-.01	.33
136	MP5A	X	12.066	2.83
137	MP5A	Z	6.966	2.83
138	MP5A	Mx	-.01	2.83
139	OVP	X	28.948	2
140	OVP	Z	16.713	2
141	OVP	Mx	0	2
142	MP3B	X	8.64	5.5
143	MP3B	Z	4.988	5.5
144	MP3B	Mx	0	5.5
145	MP3B	X	8.64	5.5
146	MP3B	Z	4.988	5.5
147	MP3B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	2.212	.55
2	MP3A	Z	3.831	.55
3	MP3A	Mx	.001	.55
4	MP3B	X	2.212	.55
5	MP3B	Z	3.831	.55
6	MP3B	Mx	.001	.55
7	MP3C	X	1.946	.55
8	MP3C	Z	3.37	.55
9	MP3C	Mx	-.002	.55
10	MP3A	X	2.212	.55
11	MP3A	Z	3.831	.55
12	MP3A	Mx	.001	.55
13	MP3B	X	2.212	.55
14	MP3B	Z	3.831	.55
15	MP3B	Mx	.001	.55
16	MP3C	X	1.946	.55
17	MP3C	Z	3.37	.55
18	MP3C	Mx	-.002	.55
19	MP2A	X	8.743	.58
20	MP2A	Z	15.144	.58
21	MP2A	Mx	-.004	.58
22	MP2A	X	8.743	2.58
23	MP2A	Z	15.144	2.58
24	MP2A	Mx	-.004	2.58
25	MP2B	X	8.743	.58
26	MP2B	Z	15.144	.58
27	MP2B	Mx	-.004	.58
28	MP2B	X	8.743	2.58
29	MP2B	Z	15.144	2.58
30	MP2B	Mx	-.004	2.58
31	MP2C	X	5.921	.58
32	MP2C	Z	10.255	.58
33	MP2C	Mx	.005	.58
34	MP2C	X	5.921	2.58
35	MP2C	Z	10.255	2.58
36	MP2C	Mx	.005	2.58
37	MP3A	X	17.392	1.42
38	MP3A	Z	30.124	1.42
39	MP3A	Mx	.01	1.42
40	MP3A	X	17.392	4.92



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
41	MP3A	Z	30.124	4.92
42	MP3A	Mx	.01	4.92
43	MP3B	X	17.392	1.42
44	MP3B	Z	30.124	1.42
45	MP3B	Mx	-.036	1.42
46	MP3B	X	17.392	4.92
47	MP3B	Z	30.124	4.92
48	MP3B	Mx	-.036	4.92
49	MP3C	X	14.491	1.42
50	MP3C	Z	25.099	1.42
51	MP3C	Mx	.008	1.42
52	MP3C	X	14.491	4.92
53	MP3C	Z	25.099	4.92
54	MP3C	Mx	.008	4.92
55	MP3A	X	17.392	1.42
56	MP3A	Z	30.124	1.42
57	MP3A	Mx	-.036	1.42
58	MP3A	X	17.392	4.92
59	MP3A	Z	30.124	4.92
60	MP3A	Mx	-.036	4.92
61	MP3B	X	17.392	1.42
62	MP3B	Z	30.124	1.42
63	MP3B	Mx	.01	1.42
64	MP3B	X	17.392	4.92
65	MP3B	Z	30.124	4.92
66	MP3B	Mx	.01	4.92
67	MP3C	X	14.491	1.42
68	MP3C	Z	25.099	1.42
69	MP3C	Mx	.03	1.42
70	MP3C	X	14.491	4.92
71	MP3C	Z	25.099	4.92
72	MP3C	Mx	.03	4.92
73	MP2A	X	4.798	4.96
74	MP2A	Z	8.311	4.96
75	MP2A	Mx	-.002	4.96
76	MP2B	X	4.798	4.96
77	MP2B	Z	8.311	4.96
78	MP2B	Mx	-.002	4.96
79	MP2C	X	4.057	4.96
80	MP2C	Z	7.026	4.96
81	MP2C	Mx	.003	4.96
82	MP1B	X	7.06	.33
83	MP1B	Z	12.228	.33
84	MP1B	Mx	-.006	.33
85	MP1B	X	7.06	2.83
86	MP1B	Z	12.228	2.83
87	MP1B	Mx	-.006	2.83
88	MP1C	X	8.117	.33
89	MP1C	Z	14.059	.33
90	MP1C	Mx	.013	.33
91	MP1C	X	8.117	2.83
92	MP1C	Z	14.059	2.83
93	MP1C	Mx	.013	2.83
94	MP5B	X	7.06	.33
95	MP5B	Z	12.228	.33
96	MP5B	Mx	-.006	.33
97	MP5B	X	7.06	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
98	MP5B	Z	12.228	2.83
99	MP5B	Mx	-.006	2.83
100	MP5C	X	8.117	.33
101	MP5C	Z	14.059	.33
102	MP5C	Mx	.013	.33
103	MP5C	X	8.117	2.83
104	MP5C	Z	14.059	2.83
105	MP5C	Mx	.013	2.83
106	MP4A	X	8.156	.67
107	MP4A	Z	14.127	.67
108	MP4A	Mx	-.005	.67
109	MP4B	X	8.156	.67
110	MP4B	Z	14.127	.67
111	MP4B	Mx	-.005	.67
112	MP4C	X	6.877	.67
113	MP4C	Z	11.911	.67
114	MP4C	Mx	.008	.67
115	MP4A	X	7.913	.67
116	MP4A	Z	13.706	.67
117	MP4A	Mx	.006	.67
118	MP4B	X	7.913	.67
119	MP4B	Z	13.706	.67
120	MP4B	Mx	.006	.67
121	MP4C	X	6.147	.67
122	MP4C	Z	10.648	.67
123	MP4C	Mx	-.008	.67
124	OVP	X	17.637	2.5
125	OVP	Z	30.548	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	6.493	.33
128	MP1A	Z	11.246	.33
129	MP1A	Mx	-.005	.33
130	MP1A	X	6.493	2.83
131	MP1A	Z	11.246	2.83
132	MP1A	Mx	-.005	2.83
133	MP5A	X	6.493	.33
134	MP5A	Z	11.246	.33
135	MP5A	Mx	-.005	.33
136	MP5A	X	6.493	2.83
137	MP5A	Z	11.246	2.83
138	MP5A	Mx	-.005	2.83
139	OVP	X	17.637	2
140	OVP	Z	30.548	2
141	OVP	Mx	0	2
142	MP3B	X	4.258	5.5
143	MP3B	Z	7.375	5.5
144	MP3B	Mx	.004	5.5
145	MP3B	X	4.258	5.5
146	MP3B	Z	7.375	5.5
147	MP3B	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP3A	X	0	.55
2	MP3A	Z	4.689	.55
3	MP3A	Mx	0	.55



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP3B	X	0	.55
5	MP3B	Z	3.892	.55
6	MP3B	Mx	.002	.55
7	MP3C	X	0	.55
8	MP3C	Z	4.423	.55
9	MP3C	Mx	-.001	.55
10	MP3A	X	0	.55
11	MP3A	Z	4.689	.55
12	MP3A	Mx	0	.55
13	MP3B	X	0	.55
14	MP3B	Z	3.892	.55
15	MP3B	Mx	.002	.55
16	MP3C	X	0	.55
17	MP3C	Z	4.423	.55
18	MP3C	Mx	-.001	.55
19	MP2A	X	0	.58
20	MP2A	Z	20.309	.58
21	MP2A	Mx	0	.58
22	MP2A	X	0	2.58
23	MP2A	Z	20.309	2.58
24	MP2A	Mx	0	2.58
25	MP2B	X	0	.58
26	MP2B	Z	11.841	.58
27	MP2B	Mx	-.005	.58
28	MP2B	X	0	2.58
29	MP2B	Z	11.841	2.58
30	MP2B	Mx	-.005	2.58
31	MP2C	X	0	.58
32	MP2C	Z	17.486	.58
33	MP2C	Mx	.004	.58
34	MP2C	X	0	2.58
35	MP2C	Z	17.486	2.58
36	MP2C	Mx	.004	2.58
37	MP3A	X	0	1.42
38	MP3A	Z	37.686	1.42
39	MP3A	Mx	.028	1.42
40	MP3A	X	0	4.92
41	MP3A	Z	37.686	4.92
42	MP3A	Mx	.028	4.92
43	MP3B	X	0	1.42
44	MP3B	Z	28.982	1.42
45	MP3B	Mx	-.03	1.42
46	MP3B	X	0	4.92
47	MP3B	Z	28.982	4.92
48	MP3B	Mx	-.03	4.92
49	MP3C	X	0	1.42
50	MP3C	Z	34.785	1.42
51	MP3C	Mx	-.01	1.42
52	MP3C	X	0	4.92
53	MP3C	Z	34.785	4.92
54	MP3C	Mx	-.01	4.92
55	MP3A	X	0	1.42
56	MP3A	Z	37.686	1.42
57	MP3A	Mx	-.028	1.42
58	MP3A	X	0	4.92
59	MP3A	Z	37.686	4.92
60	MP3A	Mx	-.028	4.92



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
61	MP3B	X	0	1.42
62	MP3B	Z	28.982	1.42
63	MP3B	Mx	-.008	1.42
64	MP3B	X	0	4.92
65	MP3B	Z	28.982	4.92
66	MP3B	Mx	-.008	4.92
67	MP3C	X	0	1.42
68	MP3C	Z	34.785	1.42
69	MP3C	Mx	.036	1.42
70	MP3C	X	0	4.92
71	MP3C	Z	34.785	4.92
72	MP3C	Mx	.036	4.92
73	MP2A	X	0	4.96
74	MP2A	Z	10.339	4.96
75	MP2A	Mx	0	4.96
76	MP2B	X	0	4.96
77	MP2B	Z	8.113	4.96
78	MP2B	Mx	-.003	4.96
79	MP2C	X	0	4.96
80	MP2C	Z	9.597	4.96
81	MP2C	Mx	.002	4.96
82	MP1B	X	0	.33
83	MP1B	Z	15.529	.33
84	MP1B	Mx	-.011	.33
85	MP1B	X	0	2.83
86	MP1B	Z	15.529	2.83
87	MP1B	Mx	-.011	2.83
88	MP1C	X	0	.33
89	MP1C	Z	15.529	.33
90	MP1C	Mx	.011	.33
91	MP1C	X	0	2.83
92	MP1C	Z	15.529	2.83
93	MP1C	Mx	.011	2.83
94	MP5B	X	0	.33
95	MP5B	Z	15.529	.33
96	MP5B	Mx	-.011	.33
97	MP5B	X	0	2.83
98	MP5B	Z	15.529	2.83
99	MP5B	Mx	-.011	2.83
100	MP5C	X	0	.33
101	MP5C	Z	15.529	.33
102	MP5C	Mx	.011	.33
103	MP5C	X	0	2.83
104	MP5C	Z	15.529	2.83
105	MP5C	Mx	.011	2.83
106	MP4A	X	0	.67
107	MP4A	Z	17.591	.67
108	MP4A	Mx	0	.67
109	MP4B	X	0	.67
110	MP4B	Z	13.753	.67
111	MP4B	Mx	-.008	.67
112	MP4C	X	0	.67
113	MP4C	Z	16.312	.67
114	MP4C	Mx	.005	.67
115	MP4A	X	0	.67
116	MP4A	Z	17.591	.67
117	MP4A	Mx	0	.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
118	MP4B	X	0	.67
119	MP4B	Z	12.295	.67
120	MP4B	Mx	.008	.67
121	MP4C	X	0	.67
122	MP4C	Z	15.826	.67
123	MP4C	Mx	-.006	.67
124	OVP	X	0	2.5
125	OVP	Z	33.426	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	0	.33
128	MP1A	Z	12.512	.33
129	MP1A	Mx	0	.33
130	MP1A	X	0	2.83
131	MP1A	Z	12.512	2.83
132	MP1A	Mx	0	2.83
133	MP5A	X	0	.33
134	MP5A	Z	12.512	.33
135	MP5A	Mx	0	.33
136	MP5A	X	0	2.83
137	MP5A	Z	12.512	2.83
138	MP5A	Mx	0	2.83
139	OVP	X	0	2
140	OVP	Z	33.426	2
141	OVP	Mx	0	2
142	MP3B	X	0	5.5
143	MP3B	Z	5.595	5.5
144	MP3B	Mx	.004	5.5
145	MP3B	X	0	5.5
146	MP3B	Z	5.595	5.5
147	MP3B	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP3A	X	-2.212	.55
2	MP3A	Z	3.831	.55
3	MP3A	Mx	-.001	.55
4	MP3B	X	-1.813	.55
5	MP3B	Z	3.14	.55
6	MP3B	Mx	.002	.55
7	MP3C	X	-2.345	.55
8	MP3C	Z	4.061	.55
9	MP3C	Mx	0	.55
10	MP3A	X	-2.212	.55
11	MP3A	Z	3.831	.55
12	MP3A	Mx	-.001	.55
13	MP3B	X	-1.813	.55
14	MP3B	Z	3.14	.55
15	MP3B	Mx	.002	.55
16	MP3C	X	-2.345	.55
17	MP3C	Z	4.061	.55
18	MP3C	Mx	0	.55
19	MP2A	X	-8.743	.58
20	MP2A	Z	15.144	.58
21	MP2A	Mx	.004	.58
22	MP2A	X	-8.743	2.58
23	MP2A	Z	15.144	2.58



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2A	Mx	.004	2.58
25	MP2B	X	-4.509	.58
26	MP2B	Z	7.811	.58
27	MP2B	Mx	-.005	.58
28	MP2B	X	-4.509	2.58
29	MP2B	Z	7.811	2.58
30	MP2B	Mx	-.005	2.58
31	MP2C	X	-10.154	.58
32	MP2C	Z	17.588	.58
33	MP2C	Mx	0	.58
34	MP2C	X	-10.154	2.58
35	MP2C	Z	17.588	2.58
36	MP2C	Mx	0	2.58
37	MP3A	X	-17.392	1.42
38	MP3A	Z	30.124	1.42
39	MP3A	Mx	.036	1.42
40	MP3A	X	-17.392	4.92
41	MP3A	Z	30.124	4.92
42	MP3A	Mx	.036	4.92
43	MP3B	X	-13.04	1.42
44	MP3B	Z	22.586	1.42
45	MP3B	Mx	-.02	1.42
46	MP3B	X	-13.04	4.92
47	MP3B	Z	22.586	4.92
48	MP3B	Mx	-.02	4.92
49	MP3C	X	-18.843	1.42
50	MP3C	Z	32.637	1.42
51	MP3C	Mx	-.028	1.42
52	MP3C	X	-18.843	4.92
53	MP3C	Z	32.637	4.92
54	MP3C	Mx	-.028	4.92
55	MP3A	X	-17.392	1.42
56	MP3A	Z	30.124	1.42
57	MP3A	Mx	-.01	1.42
58	MP3A	X	-17.392	4.92
59	MP3A	Z	30.124	4.92
60	MP3A	Mx	-.01	4.92
61	MP3B	X	-13.04	1.42
62	MP3B	Z	22.586	1.42
63	MP3B	Mx	-.02	1.42
64	MP3B	X	-13.04	4.92
65	MP3B	Z	22.586	4.92
66	MP3B	Mx	-.02	4.92
67	MP3C	X	-18.843	1.42
68	MP3C	Z	32.637	1.42
69	MP3C	Mx	.028	1.42
70	MP3C	X	-18.843	4.92
71	MP3C	Z	32.637	4.92
72	MP3C	Mx	.028	4.92
73	MP2A	X	-4.798	4.96
74	MP2A	Z	8.311	4.96
75	MP2A	Mx	.002	4.96
76	MP2B	X	-3.686	4.96
77	MP2B	Z	6.384	4.96
78	MP2B	Mx	-.003	4.96
79	MP2C	X	-5.169	4.96
80	MP2C	Z	8.954	4.96

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
81	MP2C	Mx	0	4.96
82	MP1B	X	-8.117	.33
83	MP1B	Z	14.059	.33
84	MP1B	Mx	-.013	.33
85	MP1B	X	-8.117	2.83
86	MP1B	Z	14.059	2.83
87	MP1B	Mx	-.013	2.83
88	MP1C	X	-7.06	.33
89	MP1C	Z	12.228	.33
90	MP1C	Mx	.006	.33
91	MP1C	X	-7.06	2.83
92	MP1C	Z	12.228	2.83
93	MP1C	Mx	.006	2.83
94	MP5B	X	-8.117	.33
95	MP5B	Z	14.059	.33
96	MP5B	Mx	-.013	.33
97	MP5B	X	-8.117	2.83
98	MP5B	Z	14.059	2.83
99	MP5B	Mx	-.013	2.83
100	MP5C	X	-7.06	.33
101	MP5C	Z	12.228	.33
102	MP5C	Mx	.006	.33
103	MP5C	X	-7.06	2.83
104	MP5C	Z	12.228	2.83
105	MP5C	Mx	.006	2.83
106	MP4A	X	-8.156	.67
107	MP4A	Z	14.127	.67
108	MP4A	Mx	.005	.67
109	MP4B	X	-6.237	.67
110	MP4B	Z	10.803	.67
111	MP4B	Mx	-.008	.67
112	MP4C	X	-8.796	.67
113	MP4C	Z	15.234	.67
114	MP4C	Mx	0	.67
115	MP4A	X	-7.913	.67
116	MP4A	Z	13.706	.67
117	MP4A	Mx	-.006	.67
118	MP4B	X	-5.265	.67
119	MP4B	Z	9.119	.67
120	MP4B	Mx	.008	.67
121	MP4C	X	-8.796	.67
122	MP4C	Z	15.234	.67
123	MP4C	Mx	0	.67
124	OVP	X	-14.865	2.5
125	OVP	Z	25.747	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-6.493	.33
128	MP1A	Z	11.246	.33
129	MP1A	Mx	.005	.33
130	MP1A	X	-6.493	2.83
131	MP1A	Z	11.246	2.83
132	MP1A	Mx	.005	2.83
133	MP5A	X	-6.493	.33
134	MP5A	Z	11.246	.33
135	MP5A	Mx	.005	.33
136	MP5A	X	-6.493	2.83
137	MP5A	Z	11.246	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
138	MP5A	Mx	.005	2.83
139	OVP	X	-14.865	2
140	OVP	Z	25.747	2
141	OVP	Mx	0	2
142	MP3B	X	-2.067	5.5
143	MP3B	Z	3.58	5.5
144	MP3B	Mx	.003	5.5
145	MP3B	X	-2.067	5.5
146	MP3B	Z	3.58	5.5
147	MP3B	Mx	-.003	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP3A	X	-3.37	.55
2	MP3A	Z	1.946	.55
3	MP3A	Mx	-.002	.55
4	MP3B	X	-3.37	.55
5	MP3B	Z	1.946	.55
6	MP3B	Mx	.002	.55
7	MP3C	X	-3.831	.55
8	MP3C	Z	2.212	.55
9	MP3C	Mx	.001	.55
10	MP3A	X	-3.37	.55
11	MP3A	Z	1.946	.55
12	MP3A	Mx	-.002	.55
13	MP3B	X	-3.37	.55
14	MP3B	Z	1.946	.55
15	MP3B	Mx	.002	.55
16	MP3C	X	-3.831	.55
17	MP3C	Z	2.212	.55
18	MP3C	Mx	.001	.55
19	MP2A	X	-10.255	.58
20	MP2A	Z	5.921	.58
21	MP2A	Mx	.005	.58
22	MP2A	X	-10.255	2.58
23	MP2A	Z	5.921	2.58
24	MP2A	Mx	.005	2.58
25	MP2B	X	-10.255	.58
26	MP2B	Z	5.921	.58
27	MP2B	Mx	-.005	.58
28	MP2B	X	-10.255	2.58
29	MP2B	Z	5.921	2.58
30	MP2B	Mx	-.005	2.58
31	MP2C	X	-15.144	.58
32	MP2C	Z	8.743	.58
33	MP2C	Mx	-.004	.58
34	MP2C	X	-15.144	2.58
35	MP2C	Z	8.743	2.58
36	MP2C	Mx	-.004	2.58
37	MP3A	X	-25.099	1.42
38	MP3A	Z	14.491	1.42
39	MP3A	Mx	.03	1.42
40	MP3A	X	-25.099	4.92
41	MP3A	Z	14.491	4.92
42	MP3A	Mx	.03	4.92
43	MP3B	X	-25.099	1.42



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	Z	14.491	1.42
45	MP3B	Mx	-.008	1.42
46	MP3B	X	-25.099	4.92
47	MP3B	Z	14.491	4.92
48	MP3B	Mx	-.008	4.92
49	MP3C	X	-30.124	1.42
50	MP3C	Z	17.392	1.42
51	MP3C	Mx	-.036	1.42
52	MP3C	X	-30.124	4.92
53	MP3C	Z	17.392	4.92
54	MP3C	Mx	-.036	4.92
55	MP3A	X	-25.099	1.42
56	MP3A	Z	14.491	1.42
57	MP3A	Mx	.008	1.42
58	MP3A	X	-25.099	4.92
59	MP3A	Z	14.491	4.92
60	MP3A	Mx	.008	4.92
61	MP3B	X	-25.099	1.42
62	MP3B	Z	14.491	1.42
63	MP3B	Mx	-.03	1.42
64	MP3B	X	-25.099	4.92
65	MP3B	Z	14.491	4.92
66	MP3B	Mx	-.03	4.92
67	MP3C	X	-30.124	1.42
68	MP3C	Z	17.392	1.42
69	MP3C	Mx	.01	1.42
70	MP3C	X	-30.124	4.92
71	MP3C	Z	17.392	4.92
72	MP3C	Mx	.01	4.92
73	MP2A	X	-7.026	4.96
74	MP2A	Z	4.057	4.96
75	MP2A	Mx	.003	4.96
76	MP2B	X	-7.026	4.96
77	MP2B	Z	4.057	4.96
78	MP2B	Mx	-.003	4.96
79	MP2C	X	-8.311	4.96
80	MP2C	Z	4.798	4.96
81	MP2C	Mx	-.002	4.96
82	MP1B	X	-13.448	.33
83	MP1B	Z	7.764	.33
84	MP1B	Mx	-.011	.33
85	MP1B	X	-13.448	2.83
86	MP1B	Z	7.764	2.83
87	MP1B	Mx	-.011	2.83
88	MP1C	X	-11.617	.33
89	MP1C	Z	6.707	.33
90	MP1C	Mx	0	.33
91	MP1C	X	-11.617	2.83
92	MP1C	Z	6.707	2.83
93	MP1C	Mx	0	2.83
94	MP5B	X	-13.448	.33
95	MP5B	Z	7.764	.33
96	MP5B	Mx	-.011	.33
97	MP5B	X	-13.448	2.83
98	MP5B	Z	7.764	2.83
99	MP5B	Mx	-.011	2.83
100	MP5C	X	-11.617	.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
101	MP5C	Z	6.707	.33
102	MP5C	Mx	0	.33
103	MP5C	X	-11.617	2.83
104	MP5C	Z	6.707	2.83
105	MP5C	Mx	0	2.83
106	MP4A	X	-11.911	.67
107	MP4A	Z	6.877	.67
108	MP4A	Mx	.008	.67
109	MP4B	X	-11.911	.67
110	MP4B	Z	6.877	.67
111	MP4B	Mx	-.008	.67
112	MP4C	X	-14.127	.67
113	MP4C	Z	8.156	.67
114	MP4C	Mx	-.005	.67
115	MP4A	X	-10.648	.67
116	MP4A	Z	6.147	.67
117	MP4A	Mx	-.008	.67
118	MP4B	X	-10.648	.67
119	MP4B	Z	6.147	.67
120	MP4B	Mx	.008	.67
121	MP4C	X	-13.706	.67
122	MP4C	Z	7.913	.67
123	MP4C	Mx	.006	.67
124	OVP	X	-24.146	2.5
125	OVP	Z	13.941	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-12.066	.33
128	MP1A	Z	6.966	.33
129	MP1A	Mx	.01	.33
130	MP1A	X	-12.066	2.83
131	MP1A	Z	6.966	2.83
132	MP1A	Mx	.01	2.83
133	MP5A	X	-12.066	.33
134	MP5A	Z	6.966	.33
135	MP5A	Mx	.01	.33
136	MP5A	X	-12.066	2.83
137	MP5A	Z	6.966	2.83
138	MP5A	Mx	.01	2.83
139	OVP	X	-24.146	2
140	OVP	Z	13.941	2
141	OVP	Mx	0	2
142	MP3B	X	-4.845	5.5
143	MP3B	Z	2.797	5.5
144	MP3B	Mx	.004	5.5
145	MP3B	X	-4.845	5.5
146	MP3B	Z	2.797	5.5
147	MP3B	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-3.626	.55
2	MP3A	Z	0	.55
3	MP3A	Mx	-.002	.55
4	MP3B	X	-4.423	.55
5	MP3B	Z	0	.55
6	MP3B	Mx	.001	.55



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
7	MP3C	X	-3.892	.55
8	MP3C	Z	0	.55
9	MP3C	Mx	.002	.55
10	MP3A	X	-3.626	.55
11	MP3A	Z	0	.55
12	MP3A	Mx	-.002	.55
13	MP3B	X	-4.423	.55
14	MP3B	Z	0	.55
15	MP3B	Mx	.001	.55
16	MP3C	X	-3.892	.55
17	MP3C	Z	0	.55
18	MP3C	Mx	.002	.55
19	MP2A	X	-9.019	.58
20	MP2A	Z	0	.58
21	MP2A	Mx	.005	.58
22	MP2A	X	-9.019	2.58
23	MP2A	Z	0	2.58
24	MP2A	Mx	.005	2.58
25	MP2B	X	-17.486	.58
26	MP2B	Z	0	.58
27	MP2B	Mx	-.004	.58
28	MP2B	X	-17.486	2.58
29	MP2B	Z	0	2.58
30	MP2B	Mx	-.004	2.58
31	MP2C	X	-11.841	.58
32	MP2C	Z	0	.58
33	MP2C	Mx	-.005	.58
34	MP2C	X	-11.841	2.58
35	MP2C	Z	0	2.58
36	MP2C	Mx	-.005	2.58
37	MP3A	X	-26.081	1.42
38	MP3A	Z	0	1.42
39	MP3A	Mx	.02	1.42
40	MP3A	X	-26.081	4.92
41	MP3A	Z	0	4.92
42	MP3A	Mx	.02	4.92
43	MP3B	X	-34.785	1.42
44	MP3B	Z	0	1.42
45	MP3B	Mx	.01	1.42
46	MP3B	X	-34.785	4.92
47	MP3B	Z	0	4.92
48	MP3B	Mx	.01	4.92
49	MP3C	X	-28.982	1.42
50	MP3C	Z	0	1.42
51	MP3C	Mx	-.03	1.42
52	MP3C	X	-28.982	4.92
53	MP3C	Z	0	4.92
54	MP3C	Mx	-.03	4.92
55	MP3A	X	-26.081	1.42
56	MP3A	Z	0	1.42
57	MP3A	Mx	.02	1.42
58	MP3A	X	-26.081	4.92
59	MP3A	Z	0	4.92
60	MP3A	Mx	.02	4.92
61	MP3B	X	-34.785	1.42
62	MP3B	Z	0	1.42
63	MP3B	Mx	-.036	1.42



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP3B	X	-34.785	4.92
65	MP3B	Z	0	4.92
66	MP3B	Mx	-.036	4.92
67	MP3C	X	-28.982	1.42
68	MP3C	Z	0	1.42
69	MP3C	Mx	-.008	1.42
70	MP3C	X	-28.982	4.92
71	MP3C	Z	0	4.92
72	MP3C	Mx	-.008	4.92
73	MP2A	X	-7.371	4.96
74	MP2A	Z	0	4.96
75	MP2A	Mx	.003	4.96
76	MP2B	X	-9.597	4.96
77	MP2B	Z	0	4.96
78	MP2B	Mx	-.002	4.96
79	MP2C	X	-8.113	4.96
80	MP2C	Z	0	4.96
81	MP2C	Mx	-.003	4.96
82	MP1B	X	-14.119	.33
83	MP1B	Z	0	.33
84	MP1B	Mx	-.006	.33
85	MP1B	X	-14.119	2.83
86	MP1B	Z	0	2.83
87	MP1B	Mx	-.006	2.83
88	MP1C	X	-14.119	.33
89	MP1C	Z	0	.33
90	MP1C	Mx	-.006	.33
91	MP1C	X	-14.119	2.83
92	MP1C	Z	0	2.83
93	MP1C	Mx	-.006	2.83
94	MP5B	X	-14.119	.33
95	MP5B	Z	0	.33
96	MP5B	Mx	-.006	.33
97	MP5B	X	-14.119	2.83
98	MP5B	Z	0	2.83
99	MP5B	Mx	-.006	2.83
100	MP5C	X	-14.119	.33
101	MP5C	Z	0	.33
102	MP5C	Mx	-.006	.33
103	MP5C	X	-14.119	2.83
104	MP5C	Z	0	2.83
105	MP5C	Mx	-.006	2.83
106	MP4A	X	-12.474	.67
107	MP4A	Z	0	.67
108	MP4A	Mx	.008	.67
109	MP4B	X	-16.312	.67
110	MP4B	Z	0	.67
111	MP4B	Mx	-.005	.67
112	MP4C	X	-13.753	.67
113	MP4C	Z	0	.67
114	MP4C	Mx	-.008	.67
115	MP4A	X	-10.53	.67
116	MP4A	Z	0	.67
117	MP4A	Mx	-.008	.67
118	MP4B	X	-15.826	.67
119	MP4B	Z	0	.67
120	MP4B	Mx	.006	.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
121	MP4C	X	-12.295	.67
122	MP4C	Z	0	.67
123	MP4C	Mx	.008	.67
124	OVP	X	-29.73	2.5
125	OVP	Z	0	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-14.407	.33
128	MP1A	Z	0	.33
129	MP1A	Mx	.011	.33
130	MP1A	X	-14.407	2.83
131	MP1A	Z	0	2.83
132	MP1A	Mx	.011	2.83
133	MP5A	X	-14.407	.33
134	MP5A	Z	0	.33
135	MP5A	Mx	.011	.33
136	MP5A	X	-14.407	2.83
137	MP5A	Z	0	2.83
138	MP5A	Mx	.011	2.83
139	OVP	X	-29.73	2
140	OVP	Z	0	2
141	OVP	Mx	0	2
142	MP3B	X	-8.516	5.5
143	MP3B	Z	0	5.5
144	MP3B	Mx	.004	5.5
145	MP3B	X	-8.516	5.5
146	MP3B	Z	0	5.5
147	MP3B	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-3.37	.55
2	MP3A	Z	-1.946	.55
3	MP3A	Mx	-.002	.55
4	MP3B	X	-4.061	.55
5	MP3B	Z	-2.345	.55
6	MP3B	Mx	0	.55
7	MP3C	X	-3.14	.55
8	MP3C	Z	-1.813	.55
9	MP3C	Mx	.002	.55
10	MP3A	X	-3.37	.55
11	MP3A	Z	-1.946	.55
12	MP3A	Mx	-.002	.55
13	MP3B	X	-4.061	.55
14	MP3B	Z	-2.345	.55
15	MP3B	Mx	0	.55
16	MP3C	X	-3.14	.55
17	MP3C	Z	-1.813	.55
18	MP3C	Mx	.002	.55
19	MP2A	X	-10.255	.58
20	MP2A	Z	-5.921	.58
21	MP2A	Mx	.005	.58
22	MP2A	X	-10.255	2.58
23	MP2A	Z	-5.921	2.58
24	MP2A	Mx	.005	2.58
25	MP2B	X	-17.588	.58
26	MP2B	Z	-10.154	.58



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2B	Mx	0	.58
28	MP2B	X	-17.588	2.58
29	MP2B	Z	-10.154	2.58
30	MP2B	Mx	0	2.58
31	MP2C	X	-7.811	.58
32	MP2C	Z	-4.509	.58
33	MP2C	Mx	-.005	.58
34	MP2C	X	-7.811	2.58
35	MP2C	Z	-4.509	2.58
36	MP2C	Mx	-.005	2.58
37	MP3A	X	-25.099	1.42
38	MP3A	Z	-14.491	1.42
39	MP3A	Mx	.008	1.42
40	MP3A	X	-25.099	4.92
41	MP3A	Z	-14.491	4.92
42	MP3A	Mx	.008	4.92
43	MP3B	X	-32.637	1.42
44	MP3B	Z	-18.843	1.42
45	MP3B	Mx	.028	1.42
46	MP3B	X	-32.637	4.92
47	MP3B	Z	-18.843	4.92
48	MP3B	Mx	.028	4.92
49	MP3C	X	-22.586	1.42
50	MP3C	Z	-13.04	1.42
51	MP3C	Mx	-.02	1.42
52	MP3C	X	-22.586	4.92
53	MP3C	Z	-13.04	4.92
54	MP3C	Mx	-.02	4.92
55	MP3A	X	-25.099	1.42
56	MP3A	Z	-14.491	1.42
57	MP3A	Mx	.03	1.42
58	MP3A	X	-25.099	4.92
59	MP3A	Z	-14.491	4.92
60	MP3A	Mx	.03	4.92
61	MP3B	X	-32.637	1.42
62	MP3B	Z	-18.843	1.42
63	MP3B	Mx	-.028	1.42
64	MP3B	X	-32.637	4.92
65	MP3B	Z	-18.843	4.92
66	MP3B	Mx	-.028	4.92
67	MP3C	X	-22.586	1.42
68	MP3C	Z	-13.04	1.42
69	MP3C	Mx	-.02	1.42
70	MP3C	X	-22.586	4.92
71	MP3C	Z	-13.04	4.92
72	MP3C	Mx	-.02	4.92
73	MP2A	X	-7.026	4.96
74	MP2A	Z	-4.057	4.96
75	MP2A	Mx	.003	4.96
76	MP2B	X	-8.954	4.96
77	MP2B	Z	-5.169	4.96
78	MP2B	Mx	0	4.96
79	MP2C	X	-6.384	4.96
80	MP2C	Z	-3.686	4.96
81	MP2C	Mx	-.003	4.96
82	MP1B	X	-11.617	.33
83	MP1B	Z	-6.707	.33



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP1B	Mx	0	.33
85	MP1B	X	-11.617	2.83
86	MP1B	Z	-6.707	2.83
87	MP1B	Mx	0	2.83
88	MP1C	X	-13.448	.33
89	MP1C	Z	-7.764	.33
90	MP1C	Mx	-.011	.33
91	MP1C	X	-13.448	2.83
92	MP1C	Z	-7.764	2.83
93	MP1C	Mx	-.011	2.83
94	MP5B	X	-11.617	.33
95	MP5B	Z	-6.707	.33
96	MP5B	Mx	0	.33
97	MP5B	X	-11.617	2.83
98	MP5B	Z	-6.707	2.83
99	MP5B	Mx	0	2.83
100	MP5C	X	-13.448	.33
101	MP5C	Z	-7.764	.33
102	MP5C	Mx	-.011	.33
103	MP5C	X	-13.448	2.83
104	MP5C	Z	-7.764	2.83
105	MP5C	Mx	-.011	2.83
106	MP4A	X	-11.911	.67
107	MP4A	Z	-6.877	.67
108	MP4A	Mx	.008	.67
109	MP4B	X	-15.234	.67
110	MP4B	Z	-8.796	.67
111	MP4B	Mx	0	.67
112	MP4C	X	-10.803	.67
113	MP4C	Z	-6.237	.67
114	MP4C	Mx	-.008	.67
115	MP4A	X	-10.648	.67
116	MP4A	Z	-6.147	.67
117	MP4A	Mx	-.008	.67
118	MP4B	X	-15.234	.67
119	MP4B	Z	-8.796	.67
120	MP4B	Mx	0	.67
121	MP4C	X	-9.119	.67
122	MP4C	Z	-5.265	.67
123	MP4C	Mx	.008	.67
124	OVP	X	-28.948	2.5
125	OVP	Z	-16.713	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-12.066	.33
128	MP1A	Z	-6.966	.33
129	MP1A	Mx	.01	.33
130	MP1A	X	-12.066	2.83
131	MP1A	Z	-6.966	2.83
132	MP1A	Mx	.01	2.83
133	MP5A	X	-12.066	.33
134	MP5A	Z	-6.966	.33
135	MP5A	Mx	.01	.33
136	MP5A	X	-12.066	2.83
137	MP5A	Z	-6.966	2.83
138	MP5A	Mx	.01	2.83
139	OVP	X	-28.948	2
140	OVP	Z	-16.713	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
141	OVP	Mx	0	2
142	MP3B	X	-8.64	5.5
143	MP3B	Z	-4.988	5.5
144	MP3B	Mx	0	5.5
145	MP3B	X	-8.64	5.5
146	MP3B	Z	-4.988	5.5
147	MP3B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-2.212	.55
2	MP3A	Z	-3.831	.55
3	MP3A	Mx	-.001	.55
4	MP3B	X	-2.212	.55
5	MP3B	Z	-3.831	.55
6	MP3B	Mx	-.001	.55
7	MP3C	X	-1.946	.55
8	MP3C	Z	-3.37	.55
9	MP3C	Mx	.002	.55
10	MP3A	X	-2.212	.55
11	MP3A	Z	-3.831	.55
12	MP3A	Mx	-.001	.55
13	MP3B	X	-2.212	.55
14	MP3B	Z	-3.831	.55
15	MP3B	Mx	-.001	.55
16	MP3C	X	-1.946	.55
17	MP3C	Z	-3.37	.55
18	MP3C	Mx	.002	.55
19	MP2A	X	-8.743	.58
20	MP2A	Z	-15.144	.58
21	MP2A	Mx	.004	.58
22	MP2A	X	-8.743	2.58
23	MP2A	Z	-15.144	2.58
24	MP2A	Mx	.004	2.58
25	MP2B	X	-8.743	.58
26	MP2B	Z	-15.144	.58
27	MP2B	Mx	.004	.58
28	MP2B	X	-8.743	2.58
29	MP2B	Z	-15.144	2.58
30	MP2B	Mx	.004	2.58
31	MP2C	X	-5.921	.58
32	MP2C	Z	-10.255	.58
33	MP2C	Mx	-.005	.58
34	MP2C	X	-5.921	2.58
35	MP2C	Z	-10.255	2.58
36	MP2C	Mx	-.005	2.58
37	MP3A	X	-17.392	1.42
38	MP3A	Z	-30.124	1.42
39	MP3A	Mx	-.01	1.42
40	MP3A	X	-17.392	4.92
41	MP3A	Z	-30.124	4.92
42	MP3A	Mx	-.01	4.92
43	MP3B	X	-17.392	1.42
44	MP3B	Z	-30.124	1.42
45	MP3B	Mx	.036	1.42
46	MP3B	X	-17.392	4.92



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	Z	-30.124	4.92
48	MP3B	Mx	.036	4.92
49	MP3C	X	-14.491	1.42
50	MP3C	Z	-25.099	1.42
51	MP3C	Mx	-.008	1.42
52	MP3C	X	-14.491	4.92
53	MP3C	Z	-25.099	4.92
54	MP3C	Mx	-.008	4.92
55	MP3A	X	-17.392	1.42
56	MP3A	Z	-30.124	1.42
57	MP3A	Mx	.036	1.42
58	MP3A	X	-17.392	4.92
59	MP3A	Z	-30.124	4.92
60	MP3A	Mx	.036	4.92
61	MP3B	X	-17.392	1.42
62	MP3B	Z	-30.124	1.42
63	MP3B	Mx	-.01	1.42
64	MP3B	X	-17.392	4.92
65	MP3B	Z	-30.124	4.92
66	MP3B	Mx	-.01	4.92
67	MP3C	X	-14.491	1.42
68	MP3C	Z	-25.099	1.42
69	MP3C	Mx	-.03	1.42
70	MP3C	X	-14.491	4.92
71	MP3C	Z	-25.099	4.92
72	MP3C	Mx	-.03	4.92
73	MP2A	X	-4.798	4.96
74	MP2A	Z	-8.311	4.96
75	MP2A	Mx	.002	4.96
76	MP2B	X	-4.798	4.96
77	MP2B	Z	-8.311	4.96
78	MP2B	Mx	.002	4.96
79	MP2C	X	-4.057	4.96
80	MP2C	Z	-7.026	4.96
81	MP2C	Mx	-.003	4.96
82	MP1B	X	-7.06	.33
83	MP1B	Z	-12.228	.33
84	MP1B	Mx	.006	.33
85	MP1B	X	-7.06	2.83
86	MP1B	Z	-12.228	2.83
87	MP1B	Mx	.006	2.83
88	MP1C	X	-8.117	.33
89	MP1C	Z	-14.059	.33
90	MP1C	Mx	-.013	.33
91	MP1C	X	-8.117	2.83
92	MP1C	Z	-14.059	2.83
93	MP1C	Mx	-.013	2.83
94	MP5B	X	-7.06	.33
95	MP5B	Z	-12.228	.33
96	MP5B	Mx	.006	.33
97	MP5B	X	-7.06	2.83
98	MP5B	Z	-12.228	2.83
99	MP5B	Mx	.006	2.83
100	MP5C	X	-8.117	.33
101	MP5C	Z	-14.059	.33
102	MP5C	Mx	-.013	.33
103	MP5C	X	-8.117	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
104	MP5C	Z	-14.059	2.83
105	MP5C	Mx	-.013	2.83
106	MP4A	X	-8.156	.67
107	MP4A	Z	-14.127	.67
108	MP4A	Mx	.005	.67
109	MP4B	X	-8.156	.67
110	MP4B	Z	-14.127	.67
111	MP4B	Mx	.005	.67
112	MP4C	X	-6.877	.67
113	MP4C	Z	-11.911	.67
114	MP4C	Mx	-.008	.67
115	MP4A	X	-7.913	.67
116	MP4A	Z	-13.706	.67
117	MP4A	Mx	-.006	.67
118	MP4B	X	-7.913	.67
119	MP4B	Z	-13.706	.67
120	MP4B	Mx	-.006	.67
121	MP4C	X	-6.147	.67
122	MP4C	Z	-10.648	.67
123	MP4C	Mx	.008	.67
124	OVP	X	-17.637	2.5
125	OVP	Z	-30.548	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-6.493	.33
128	MP1A	Z	-11.246	.33
129	MP1A	Mx	.005	.33
130	MP1A	X	-6.493	2.83
131	MP1A	Z	-11.246	2.83
132	MP1A	Mx	.005	2.83
133	MP5A	X	-6.493	.33
134	MP5A	Z	-11.246	.33
135	MP5A	Mx	.005	.33
136	MP5A	X	-6.493	2.83
137	MP5A	Z	-11.246	2.83
138	MP5A	Mx	.005	2.83
139	OVP	X	-17.637	2
140	OVP	Z	-30.548	2
141	OVP	Mx	0	2
142	MP3B	X	-4.258	5.5
143	MP3B	Z	-7.375	5.5
144	MP3B	Mx	-.004	5.5
145	MP3B	X	-4.258	5.5
146	MP3B	Z	-7.375	5.5
147	MP3B	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	0	.55
2	MP3A	Z	-.961	.55
3	MP3A	Mx	0	.55
4	MP3B	X	0	.55
5	MP3B	Z	-.739	.55
6	MP3B	Mx	-.0004	.55
7	MP3C	X	0	.55
8	MP3C	Z	-.887	.55
9	MP3C	Mx	.000277	.55



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
10	MP3A	X	0	.55
11	MP3A	Z	-.961	.55
12	MP3A	Mx	0	.55
13	MP3B	X	0	.55
14	MP3B	Z	-.739	.55
15	MP3B	Mx	-.0004	.55
16	MP3C	X	0	.55
17	MP3C	Z	-.887	.55
18	MP3C	Mx	.000277	.55
19	MP2A	X	0	.58
20	MP2A	Z	-5.092	.58
21	MP2A	Mx	0	.58
22	MP2A	X	0	2.58
23	MP2A	Z	-5.092	2.58
24	MP2A	Mx	0	2.58
25	MP2B	X	0	.58
26	MP2B	Z	-2.588	.58
27	MP2B	Mx	.001	.58
28	MP2B	X	0	2.58
29	MP2B	Z	-2.588	2.58
30	MP2B	Mx	.001	2.58
31	MP2C	X	0	.58
32	MP2C	Z	-4.258	.58
33	MP2C	Mx	-.001	.58
34	MP2C	X	0	2.58
35	MP2C	Z	-4.258	2.58
36	MP2C	Mx	-.001	2.58
37	MP3A	X	0	1.42
38	MP3A	Z	-11.834	1.42
39	MP3A	Mx	-.009	1.42
40	MP3A	X	0	4.92
41	MP3A	Z	-11.834	4.92
42	MP3A	Mx	-.009	4.92
43	MP3B	X	0	1.42
44	MP3B	Z	-8.788	1.42
45	MP3B	Mx	.009	1.42
46	MP3B	X	0	4.92
47	MP3B	Z	-8.788	4.92
48	MP3B	Mx	.009	4.92
49	MP3C	X	0	1.42
50	MP3C	Z	-10.819	1.42
51	MP3C	Mx	.003	1.42
52	MP3C	X	0	4.92
53	MP3C	Z	-10.819	4.92
54	MP3C	Mx	.003	4.92
55	MP3A	X	0	1.42
56	MP3A	Z	-11.834	1.42
57	MP3A	Mx	.009	1.42
58	MP3A	X	0	4.92
59	MP3A	Z	-11.834	4.92
60	MP3A	Mx	.009	4.92
61	MP3B	X	0	1.42
62	MP3B	Z	-8.788	1.42
63	MP3B	Mx	.002	1.42
64	MP3B	X	0	4.92
65	MP3B	Z	-8.788	4.92
66	MP3B	Mx	.002	4.92



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
67	MP3C	X	0	1.42
68	MP3C	Z	-10.819	1.42
69	MP3C	Mx	-.011	1.42
70	MP3C	X	0	4.92
71	MP3C	Z	-10.819	4.92
72	MP3C	Mx	-.011	4.92
73	MP2A	X	0	4.96
74	MP2A	Z	-1.871	4.96
75	MP2A	Mx	0	4.96
76	MP2B	X	0	4.96
77	MP2B	Z	-1.13	4.96
78	MP2B	Mx	.000408	4.96
79	MP2C	X	0	4.96
80	MP2C	Z	-1.624	4.96
81	MP2C	Mx	-.000338	4.96
82	MP1B	X	0	.33
83	MP1B	Z	-4.451	.33
84	MP1B	Mx	.003	.33
85	MP1B	X	0	2.83
86	MP1B	Z	-4.451	2.83
87	MP1B	Mx	.003	2.83
88	MP1C	X	0	.33
89	MP1C	Z	-4.451	.33
90	MP1C	Mx	-.003	.33
91	MP1C	X	0	2.83
92	MP1C	Z	-4.451	2.83
93	MP1C	Mx	-.003	2.83
94	MP5B	X	0	.33
95	MP5B	Z	-4.451	.33
96	MP5B	Mx	.003	.33
97	MP5B	X	0	2.83
98	MP5B	Z	-4.451	2.83
99	MP5B	Mx	.003	2.83
100	MP5C	X	0	.33
101	MP5C	Z	-4.451	.33
102	MP5C	Mx	-.003	.33
103	MP5C	X	0	2.83
104	MP5C	Z	-4.451	2.83
105	MP5C	Mx	-.003	2.83
106	MP4A	X	0	.67
107	MP4A	Z	-4.027	.67
108	MP4A	Mx	0	.67
109	MP4B	X	0	.67
110	MP4B	Z	-3.033	.67
111	MP4B	Mx	.002	.67
112	MP4C	X	0	.67
113	MP4C	Z	-3.696	.67
114	MP4C	Mx	-.001	.67
115	MP4A	X	0	.67
116	MP4A	Z	-4.027	.67
117	MP4A	Mx	0	.67
118	MP4B	X	0	.67
119	MP4B	Z	-2.663	.67
120	MP4B	Mx	-.002	.67
121	MP4C	X	0	.67
122	MP4C	Z	-3.572	.67
123	MP4C	Mx	.001	.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
124	OVP	X	0	2.5
125	OVP	Z	-6.883	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	0	.33
128	MP1A	Z	-3.481	.33
129	MP1A	Mx	0	.33
130	MP1A	X	0	2.83
131	MP1A	Z	-3.481	2.83
132	MP1A	Mx	0	2.83
133	MP5A	X	0	.33
134	MP5A	Z	-3.481	.33
135	MP5A	Mx	0	.33
136	MP5A	X	0	2.83
137	MP5A	Z	-3.481	2.83
138	MP5A	Mx	0	2.83
139	OVP	X	0	2
140	OVP	Z	-6.883	2
141	OVP	Mx	0	2
142	MP3B	X	0	5.5
143	MP3B	Z	-1.191	5.5
144	MP3B	Mx	-.00086	5.5
145	MP3B	X	0	5.5
146	MP3B	Z	-1.191	5.5
147	MP3B	Mx	.00086	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	.444	.55
2	MP3A	Z	-.768	.55
3	MP3A	Mx	.000278	.55
4	MP3B	X	.333	.55
5	MP3B	Z	-.576	.55
6	MP3B	Mx	-.000416	.55
7	MP3C	X	.481	.55
8	MP3C	Z	-.832	.55
9	MP3C	Mx	0	.55
10	MP3A	X	.444	.55
11	MP3A	Z	-.768	.55
12	MP3A	Mx	.000278	.55
13	MP3B	X	.333	.55
14	MP3B	Z	-.576	.55
15	MP3B	Mx	-.000416	.55
16	MP3C	X	.481	.55
17	MP3C	Z	-.832	.55
18	MP3C	Mx	0	.55
19	MP2A	X	2.129	.58
20	MP2A	Z	-3.687	.58
21	MP2A	Mx	-.001	.58
22	MP2A	X	2.129	2.58
23	MP2A	Z	-3.687	2.58
24	MP2A	Mx	-.001	2.58
25	MP2B	X	.877	.58
26	MP2B	Z	-1.519	.58
27	MP2B	Mx	.000877	.58
28	MP2B	X	.877	2.58
29	MP2B	Z	-1.519	2.58



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2B	Mx	.000877	2.58
31	MP2C	X	2.546	.58
32	MP2C	Z	-4.41	.58
33	MP2C	Mx	0	.58
34	MP2C	X	2.546	2.58
35	MP2C	Z	-4.41	2.58
36	MP2C	Mx	0	2.58
37	MP3A	X	5.409	1.42
38	MP3A	Z	-9.369	1.42
39	MP3A	Mx	-.011	1.42
40	MP3A	X	5.409	4.92
41	MP3A	Z	-9.369	4.92
42	MP3A	Mx	-.011	4.92
43	MP3B	X	3.886	1.42
44	MP3B	Z	-6.731	1.42
45	MP3B	Mx	.006	1.42
46	MP3B	X	3.886	4.92
47	MP3B	Z	-6.731	4.92
48	MP3B	Mx	.006	4.92
49	MP3C	X	5.917	1.42
50	MP3C	Z	-10.249	1.42
51	MP3C	Mx	.009	1.42
52	MP3C	X	5.917	4.92
53	MP3C	Z	-10.249	4.92
54	MP3C	Mx	.009	4.92
55	MP3A	X	5.409	1.42
56	MP3A	Z	-9.369	1.42
57	MP3A	Mx	.003	1.42
58	MP3A	X	5.409	4.92
59	MP3A	Z	-9.369	4.92
60	MP3A	Mx	.003	4.92
61	MP3B	X	3.886	1.42
62	MP3B	Z	-6.731	1.42
63	MP3B	Mx	.006	1.42
64	MP3B	X	3.886	4.92
65	MP3B	Z	-6.731	4.92
66	MP3B	Mx	.006	4.92
67	MP3C	X	5.917	1.42
68	MP3C	Z	-10.249	1.42
69	MP3C	Mx	-.009	1.42
70	MP3C	X	5.917	4.92
71	MP3C	Z	-10.249	4.92
72	MP3C	Mx	-.009	4.92
73	MP2A	X	.812	4.96
74	MP2A	Z	-1.406	4.96
75	MP2A	Mx	-.000338	4.96
76	MP2B	X	.442	4.96
77	MP2B	Z	-.765	4.96
78	MP2B	Mx	.000368	4.96
79	MP2C	X	.935	4.96
80	MP2C	Z	-1.62	4.96
81	MP2C	Mx	0	4.96
82	MP1B	X	2.348	.33
83	MP1B	Z	-4.067	.33
84	MP1B	Mx	.004	.33
85	MP1B	X	2.348	2.83
86	MP1B	Z	-4.067	2.83

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
87	MP1B	Mx	.004	2.83
88	MP1C	X	1.98	.33
89	MP1C	Z	-3.43	.33
90	MP1C	Mx	-.002	.33
91	MP1C	X	1.98	2.83
92	MP1C	Z	-3.43	2.83
93	MP1C	Mx	-.002	2.83
94	MP5B	X	2.348	.33
95	MP5B	Z	-4.067	.33
96	MP5B	Mx	.004	.33
97	MP5B	X	2.348	2.83
98	MP5B	Z	-4.067	2.83
99	MP5B	Mx	.004	2.83
100	MP5C	X	1.98	.33
101	MP5C	Z	-3.43	.33
102	MP5C	Mx	-.002	.33
103	MP5C	X	1.98	2.83
104	MP5C	Z	-3.43	2.83
105	MP5C	Mx	-.002	2.83
106	MP4A	X	1.848	.67
107	MP4A	Z	-3.201	.67
108	MP4A	Mx	-.001	.67
109	MP4B	X	1.351	.67
110	MP4B	Z	-2.34	.67
111	MP4B	Mx	.002	.67
112	MP4C	X	2.013	.67
113	MP4C	Z	-3.487	.67
114	MP4C	Mx	0	.67
115	MP4A	X	1.786	.67
116	MP4A	Z	-3.094	.67
117	MP4A	Mx	.001	.67
118	MP4B	X	1.104	.67
119	MP4B	Z	-1.912	.67
120	MP4B	Mx	-.002	.67
121	MP4C	X	2.013	.67
122	MP4C	Z	-3.487	.67
123	MP4C	Mx	0	.67
124	OVP	X	3.83	2.5
125	OVP	Z	-6.633	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	1.821	.33
128	MP1A	Z	-3.153	.33
129	MP1A	Mx	-.001	.33
130	MP1A	X	1.821	2.83
131	MP1A	Z	-3.153	2.83
132	MP1A	Mx	-.001	2.83
133	MP5A	X	1.821	.33
134	MP5A	Z	-3.153	.33
135	MP5A	Mx	-.001	.33
136	MP5A	X	1.821	2.83
137	MP5A	Z	-3.153	2.83
138	MP5A	Mx	-.001	2.83
139	OVP	X	3.83	2
140	OVP	Z	-6.633	2
141	OVP	Mx	0	2
142	MP3B	X	.378	5.5
143	MP3B	Z	-.655	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
144	MP3B	Mx	-.00063	5.5
145	MP3B	X	.378	5.5
146	MP3B	Z	-.655	5.5
147	MP3B	Mx	.00063	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	.64	.55
2	MP3A	Z	-.37	.55
3	MP3A	Mx	.0004	.55
4	MP3B	X	.64	.55
5	MP3B	Z	-.37	.55
6	MP3B	Mx	-.0004	.55
7	MP3C	X	.768	.55
8	MP3C	Z	-.444	.55
9	MP3C	Mx	-.000277	.55
10	MP3A	X	.64	.55
11	MP3A	Z	-.37	.55
12	MP3A	Mx	.0004	.55
13	MP3B	X	.64	.55
14	MP3B	Z	-.37	.55
15	MP3B	Mx	-.0004	.55
16	MP3C	X	.768	.55
17	MP3C	Z	-.444	.55
18	MP3C	Mx	-.000277	.55
19	MP2A	X	2.242	.58
20	MP2A	Z	-1.294	.58
21	MP2A	Mx	-.001	.58
22	MP2A	X	2.242	2.58
23	MP2A	Z	-1.294	2.58
24	MP2A	Mx	-.001	2.58
25	MP2B	X	2.242	.58
26	MP2B	Z	-1.294	.58
27	MP2B	Mx	.001	.58
28	MP2B	X	2.242	2.58
29	MP2B	Z	-1.294	2.58
30	MP2B	Mx	.001	2.58
31	MP2C	X	3.687	.58
32	MP2C	Z	-2.129	.58
33	MP2C	Mx	.001	.58
34	MP2C	X	3.687	2.58
35	MP2C	Z	-2.129	2.58
36	MP2C	Mx	.001	2.58
37	MP3A	X	7.61	1.42
38	MP3A	Z	-4.394	1.42
39	MP3A	Mx	-.009	1.42
40	MP3A	X	7.61	4.92
41	MP3A	Z	-4.394	4.92
42	MP3A	Mx	-.009	4.92
43	MP3B	X	7.61	1.42
44	MP3B	Z	-4.394	1.42
45	MP3B	Mx	.002	1.42
46	MP3B	X	7.61	4.92
47	MP3B	Z	-4.394	4.92
48	MP3B	Mx	.002	4.92
49	MP3C	X	9.369	1.42



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3C	Z	-5.409	1.42
51	MP3C	Mx	.011	1.42
52	MP3C	X	9.369	4.92
53	MP3C	Z	-5.409	4.92
54	MP3C	Mx	.011	4.92
55	MP3A	X	7.61	1.42
56	MP3A	Z	-4.394	1.42
57	MP3A	Mx	-.002	1.42
58	MP3A	X	7.61	4.92
59	MP3A	Z	-4.394	4.92
60	MP3A	Mx	-.002	4.92
61	MP3B	X	7.61	1.42
62	MP3B	Z	-4.394	1.42
63	MP3B	Mx	.009	1.42
64	MP3B	X	7.61	4.92
65	MP3B	Z	-4.394	4.92
66	MP3B	Mx	.009	4.92
67	MP3C	X	9.369	1.42
68	MP3C	Z	-5.409	1.42
69	MP3C	Mx	-.003	1.42
70	MP3C	X	9.369	4.92
71	MP3C	Z	-5.409	4.92
72	MP3C	Mx	-.003	4.92
73	MP2A	X	.979	4.96
74	MP2A	Z	-.565	4.96
75	MP2A	Mx	-.000408	4.96
76	MP2B	X	.979	4.96
77	MP2B	Z	-.565	4.96
78	MP2B	Mx	.000408	4.96
79	MP2C	X	1.406	4.96
80	MP2C	Z	-.812	4.96
81	MP2C	Mx	.000338	4.96
82	MP1B	X	3.854	.33
83	MP1B	Z	-2.225	.33
84	MP1B	Mx	.003	.33
85	MP1B	X	3.854	2.83
86	MP1B	Z	-2.225	2.83
87	MP1B	Mx	.003	2.83
88	MP1C	X	3.217	.33
89	MP1C	Z	-1.858	.33
90	MP1C	Mx	0	.33
91	MP1C	X	3.217	2.83
92	MP1C	Z	-1.858	2.83
93	MP1C	Mx	0	2.83
94	MP5B	X	3.854	.33
95	MP5B	Z	-2.225	.33
96	MP5B	Mx	.003	.33
97	MP5B	X	3.854	2.83
98	MP5B	Z	-2.225	2.83
99	MP5B	Mx	.003	2.83
100	MP5C	X	3.217	.33
101	MP5C	Z	-1.858	.33
102	MP5C	Mx	0	.33
103	MP5C	X	3.217	2.83
104	MP5C	Z	-1.858	2.83
105	MP5C	Mx	0	2.83
106	MP4A	X	2.627	.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
107	MP4A	Z	-1.517	.67
108	MP4A	Mx	-.002	.67
109	MP4B	X	2.627	.67
110	MP4B	Z	-1.517	.67
111	MP4B	Mx	.002	.67
112	MP4C	X	3.201	.67
113	MP4C	Z	-1.848	.67
114	MP4C	Mx	.001	.67
115	MP4A	X	2.306	.67
116	MP4A	Z	-1.331	.67
117	MP4A	Mx	.002	.67
118	MP4B	X	2.306	.67
119	MP4B	Z	-1.331	.67
120	MP4B	Mx	-.002	.67
121	MP4C	X	3.094	.67
122	MP4C	Z	-1.786	.67
123	MP4C	Mx	-.001	.67
124	OVP	X	6.969	2.5
125	OVP	Z	-4.024	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	3.43	.33
128	MP1A	Z	-1.98	.33
129	MP1A	Mx	-.003	.33
130	MP1A	X	3.43	2.83
131	MP1A	Z	-1.98	2.83
132	MP1A	Mx	-.003	2.83
133	MP5A	X	3.43	.33
134	MP5A	Z	-1.98	.33
135	MP5A	Mx	-.003	.33
136	MP5A	X	3.43	2.83
137	MP5A	Z	-1.98	2.83
138	MP5A	Mx	-.003	2.83
139	OVP	X	6.969	2
140	OVP	Z	-4.024	2
141	OVP	Mx	0	2
142	MP3B	X	1.031	5.5
143	MP3B	Z	-.595	5.5
144	MP3B	Mx	-.000859	5.5
145	MP3B	X	1.031	5.5
146	MP3B	Z	-.595	5.5
147	MP3B	Mx	.000859	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP3A	X	.665	.55
2	MP3A	Z	0	.55
3	MP3A	Mx	.000416	.55
4	MP3B	X	.887	.55
5	MP3B	Z	0	.55
6	MP3B	Mx	-.000277	.55
7	MP3C	X	.739	.55
8	MP3C	Z	0	.55
9	MP3C	Mx	-.0004	.55
10	MP3A	X	.665	.55
11	MP3A	Z	0	.55
12	MP3A	Mx	.000416	.55



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP3B	X	.887	.55
14	MP3B	Z	0	.55
15	MP3B	Mx	-.000277	.55
16	MP3C	X	.739	.55
17	MP3C	Z	0	.55
18	MP3C	Mx	-.0004	.55
19	MP2A	X	1.754	.58
20	MP2A	Z	0	.58
21	MP2A	Mx	-.000877	.58
22	MP2A	X	1.754	2.58
23	MP2A	Z	0	2.58
24	MP2A	Mx	-.000877	2.58
25	MP2B	X	4.258	.58
26	MP2B	Z	0	.58
27	MP2B	Mx	.001	.58
28	MP2B	X	4.258	2.58
29	MP2B	Z	0	2.58
30	MP2B	Mx	.001	2.58
31	MP2C	X	2.588	.58
32	MP2C	Z	0	.58
33	MP2C	Mx	.001	.58
34	MP2C	X	2.588	2.58
35	MP2C	Z	0	2.58
36	MP2C	Mx	.001	2.58
37	MP3A	X	7.772	1.42
38	MP3A	Z	0	1.42
39	MP3A	Mx	-.006	1.42
40	MP3A	X	7.772	4.92
41	MP3A	Z	0	4.92
42	MP3A	Mx	-.006	4.92
43	MP3B	X	10.819	1.42
44	MP3B	Z	0	1.42
45	MP3B	Mx	-.003	1.42
46	MP3B	X	10.819	4.92
47	MP3B	Z	0	4.92
48	MP3B	Mx	-.003	4.92
49	MP3C	X	8.788	1.42
50	MP3C	Z	0	1.42
51	MP3C	Mx	.009	1.42
52	MP3C	X	8.788	4.92
53	MP3C	Z	0	4.92
54	MP3C	Mx	.009	4.92
55	MP3A	X	7.772	1.42
56	MP3A	Z	0	1.42
57	MP3A	Mx	-.006	1.42
58	MP3A	X	7.772	4.92
59	MP3A	Z	0	4.92
60	MP3A	Mx	-.006	4.92
61	MP3B	X	10.819	1.42
62	MP3B	Z	0	1.42
63	MP3B	Mx	.011	1.42
64	MP3B	X	10.819	4.92
65	MP3B	Z	0	4.92
66	MP3B	Mx	.011	4.92
67	MP3C	X	8.788	1.42
68	MP3C	Z	0	1.42
69	MP3C	Mx	.002	1.42



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP3C	X	8.788	4.92
71	MP3C	Z	0	4.92
72	MP3C	Mx	.002	4.92
73	MP2A	X	.883	4.96
74	MP2A	Z	0	4.96
75	MP2A	Mx	-.000368	4.96
76	MP2B	X	1.624	4.96
77	MP2B	Z	0	4.96
78	MP2B	Mx	.000338	4.96
79	MP2C	X	1.13	4.96
80	MP2C	Z	0	4.96
81	MP2C	Mx	.000408	4.96
82	MP1B	X	3.96	.33
83	MP1B	Z	0	.33
84	MP1B	Mx	.002	.33
85	MP1B	X	3.96	2.83
86	MP1B	Z	0	2.83
87	MP1B	Mx	.002	2.83
88	MP1C	X	3.96	.33
89	MP1C	Z	0	.33
90	MP1C	Mx	.002	.33
91	MP1C	X	3.96	2.83
92	MP1C	Z	0	2.83
93	MP1C	Mx	.002	2.83
94	MP5B	X	3.96	.33
95	MP5B	Z	0	.33
96	MP5B	Mx	.002	.33
97	MP5B	X	3.96	2.83
98	MP5B	Z	0	2.83
99	MP5B	Mx	.002	2.83
100	MP5C	X	3.96	.33
101	MP5C	Z	0	.33
102	MP5C	Mx	.002	.33
103	MP5C	X	3.96	2.83
104	MP5C	Z	0	2.83
105	MP5C	Mx	.002	2.83
106	MP4A	X	2.702	.67
107	MP4A	Z	0	.67
108	MP4A	Mx	-.002	.67
109	MP4B	X	3.696	.67
110	MP4B	Z	0	.67
111	MP4B	Mx	.001	.67
112	MP4C	X	3.033	.67
113	MP4C	Z	0	.67
114	MP4C	Mx	.002	.67
115	MP4A	X	2.208	.67
116	MP4A	Z	0	.67
117	MP4A	Mx	.002	.67
118	MP4B	X	3.572	.67
119	MP4B	Z	0	.67
120	MP4B	Mx	-.001	.67
121	MP4C	X	2.663	.67
122	MP4C	Z	0	.67
123	MP4C	Mx	-.002	.67
124	OVP	X	7.659	2.5
125	OVP	Z	0	2.5
126	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
127	MP1A	X	4.12	.33
128	MP1A	Z	0	.33
129	MP1A	Mx	-.003	.33
130	MP1A	X	4.12	2.83
131	MP1A	Z	0	2.83
132	MP1A	Mx	-.003	2.83
133	MP5A	X	4.12	.33
134	MP5A	Z	0	.33
135	MP5A	Mx	-.003	.33
136	MP5A	X	4.12	2.83
137	MP5A	Z	0	2.83
138	MP5A	Mx	-.003	2.83
139	OVP	X	7.659	2
140	OVP	Z	0	2
141	OVP	Mx	0	2
142	MP3B	X	2.06	5.5
143	MP3B	Z	0	5.5
144	MP3B	Mx	-.000858	5.5
145	MP3B	X	2.06	5.5
146	MP3B	Z	0	5.5
147	MP3B	Mx	.000858	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	.64	.55
2	MP3A	Z	.37	.55
3	MP3A	Mx	.0004	.55
4	MP3B	X	.832	.55
5	MP3B	Z	.481	.55
6	MP3B	Mx	0	.55
7	MP3C	X	.576	.55
8	MP3C	Z	.333	.55
9	MP3C	Mx	-.000416	.55
10	MP3A	X	.64	.55
11	MP3A	Z	.37	.55
12	MP3A	Mx	.0004	.55
13	MP3B	X	.832	.55
14	MP3B	Z	.481	.55
15	MP3B	Mx	0	.55
16	MP3C	X	.576	.55
17	MP3C	Z	.333	.55
18	MP3C	Mx	-.000416	.55
19	MP2A	X	2.242	.58
20	MP2A	Z	1.294	.58
21	MP2A	Mx	-.001	.58
22	MP2A	X	2.242	2.58
23	MP2A	Z	1.294	2.58
24	MP2A	Mx	-.001	2.58
25	MP2B	X	4.41	.58
26	MP2B	Z	2.546	.58
27	MP2B	Mx	0	.58
28	MP2B	X	4.41	2.58
29	MP2B	Z	2.546	2.58
30	MP2B	Mx	0	2.58
31	MP2C	X	1.519	.58
32	MP2C	Z	.877	.58



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
33	MP2C	Mx	.000877	.58
34	MP2C	X	1.519	2.58
35	MP2C	Z	.877	2.58
36	MP2C	Mx	.000877	2.58
37	MP3A	X	7.61	1.42
38	MP3A	Z	4.394	1.42
39	MP3A	Mx	-.002	1.42
40	MP3A	X	7.61	4.92
41	MP3A	Z	4.394	4.92
42	MP3A	Mx	-.002	4.92
43	MP3B	X	10.249	1.42
44	MP3B	Z	5.917	1.42
45	MP3B	Mx	-.009	1.42
46	MP3B	X	10.249	4.92
47	MP3B	Z	5.917	4.92
48	MP3B	Mx	-.009	4.92
49	MP3C	X	6.731	1.42
50	MP3C	Z	3.886	1.42
51	MP3C	Mx	.006	1.42
52	MP3C	X	6.731	4.92
53	MP3C	Z	3.886	4.92
54	MP3C	Mx	.006	4.92
55	MP3A	X	7.61	1.42
56	MP3A	Z	4.394	1.42
57	MP3A	Mx	-.009	1.42
58	MP3A	X	7.61	4.92
59	MP3A	Z	4.394	4.92
60	MP3A	Mx	-.009	4.92
61	MP3B	X	10.249	1.42
62	MP3B	Z	5.917	1.42
63	MP3B	Mx	.009	1.42
64	MP3B	X	10.249	4.92
65	MP3B	Z	5.917	4.92
66	MP3B	Mx	.009	4.92
67	MP3C	X	6.731	1.42
68	MP3C	Z	3.886	1.42
69	MP3C	Mx	.006	1.42
70	MP3C	X	6.731	4.92
71	MP3C	Z	3.886	4.92
72	MP3C	Mx	.006	4.92
73	MP2A	X	.979	4.96
74	MP2A	Z	.565	4.96
75	MP2A	Mx	-.000408	4.96
76	MP2B	X	1.62	4.96
77	MP2B	Z	.935	4.96
78	MP2B	Mx	0	4.96
79	MP2C	X	.765	4.96
80	MP2C	Z	.442	4.96
81	MP2C	Mx	.000368	4.96
82	MP1B	X	3.217	.33
83	MP1B	Z	1.858	.33
84	MP1B	Mx	0	.33
85	MP1B	X	3.217	2.83
86	MP1B	Z	1.858	2.83
87	MP1B	Mx	0	2.83
88	MP1C	X	3.854	.33
89	MP1C	Z	2.225	.33



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP1C	Mx	.003	.33
91	MP1C	X	3.854	2.83
92	MP1C	Z	2.225	2.83
93	MP1C	Mx	.003	2.83
94	MP5B	X	3.217	.33
95	MP5B	Z	1.858	.33
96	MP5B	Mx	0	.33
97	MP5B	X	3.217	2.83
98	MP5B	Z	1.858	2.83
99	MP5B	Mx	0	2.83
100	MP5C	X	3.854	.33
101	MP5C	Z	2.225	.33
102	MP5C	Mx	.003	.33
103	MP5C	X	3.854	2.83
104	MP5C	Z	2.225	2.83
105	MP5C	Mx	.003	2.83
106	MP4A	X	2.627	.67
107	MP4A	Z	1.517	.67
108	MP4A	Mx	-.002	.67
109	MP4B	X	3.487	.67
110	MP4B	Z	2.013	.67
111	MP4B	Mx	0	.67
112	MP4C	X	2.34	.67
113	MP4C	Z	1.351	.67
114	MP4C	Mx	.002	.67
115	MP4A	X	2.306	.67
116	MP4A	Z	1.331	.67
117	MP4A	Mx	.002	.67
118	MP4B	X	3.487	.67
119	MP4B	Z	2.013	.67
120	MP4B	Mx	0	.67
121	MP4C	X	1.912	.67
122	MP4C	Z	1.104	.67
123	MP4C	Mx	-.002	.67
124	OVP	X	5.961	2.5
125	OVP	Z	3.442	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	3.43	.33
128	MP1A	Z	1.98	.33
129	MP1A	Mx	-.003	.33
130	MP1A	X	3.43	2.83
131	MP1A	Z	1.98	2.83
132	MP1A	Mx	-.003	2.83
133	MP5A	X	3.43	.33
134	MP5A	Z	1.98	.33
135	MP5A	Mx	-.003	.33
136	MP5A	X	3.43	2.83
137	MP5A	Z	1.98	2.83
138	MP5A	Mx	-.003	2.83
139	OVP	X	5.961	2
140	OVP	Z	3.442	2
141	OVP	Mx	0	2
142	MP3B	X	2.16	5.5
143	MP3B	Z	1.247	5.5
144	MP3B	Mx	0	5.5
145	MP3B	X	2.16	5.5
146	MP3B	Z	1.247	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
147	MP3B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	.444	.55
2	MP3A	Z	.768	.55
3	MP3A	Mx	.000278	.55
4	MP3B	X	.444	.55
5	MP3B	Z	.768	.55
6	MP3B	Mx	.000277	.55
7	MP3C	X	.37	.55
8	MP3C	Z	.64	.55
9	MP3C	Mx	-.0004	.55
10	MP3A	X	.444	.55
11	MP3A	Z	.768	.55
12	MP3A	Mx	.000278	.55
13	MP3B	X	.444	.55
14	MP3B	Z	.768	.55
15	MP3B	Mx	.000277	.55
16	MP3C	X	.37	.55
17	MP3C	Z	.64	.55
18	MP3C	Mx	-.0004	.55
19	MP2A	X	2.129	.58
20	MP2A	Z	3.687	.58
21	MP2A	Mx	-.001	.58
22	MP2A	X	2.129	2.58
23	MP2A	Z	3.687	2.58
24	MP2A	Mx	-.001	2.58
25	MP2B	X	2.129	.58
26	MP2B	Z	3.687	.58
27	MP2B	Mx	-.001	.58
28	MP2B	X	2.129	2.58
29	MP2B	Z	3.687	2.58
30	MP2B	Mx	-.001	2.58
31	MP2C	X	1.294	.58
32	MP2C	Z	2.242	.58
33	MP2C	Mx	.001	.58
34	MP2C	X	1.294	2.58
35	MP2C	Z	2.242	2.58
36	MP2C	Mx	.001	2.58
37	MP3A	X	5.409	1.42
38	MP3A	Z	9.369	1.42
39	MP3A	Mx	.003	1.42
40	MP3A	X	5.409	4.92
41	MP3A	Z	9.369	4.92
42	MP3A	Mx	.003	4.92
43	MP3B	X	5.409	1.42
44	MP3B	Z	9.369	1.42
45	MP3B	Mx	-.011	1.42
46	MP3B	X	5.409	4.92
47	MP3B	Z	9.369	4.92
48	MP3B	Mx	-.011	4.92
49	MP3C	X	4.394	1.42
50	MP3C	Z	7.61	1.42
51	MP3C	Mx	.002	1.42
52	MP3C	X	4.394	4.92



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
53	MP3C	Z	7.61	4.92
54	MP3C	Mx	.002	4.92
55	MP3A	X	5.409	1.42
56	MP3A	Z	9.369	1.42
57	MP3A	Mx	-.011	1.42
58	MP3A	X	5.409	4.92
59	MP3A	Z	9.369	4.92
60	MP3A	Mx	-.011	4.92
61	MP3B	X	5.409	1.42
62	MP3B	Z	9.369	1.42
63	MP3B	Mx	.003	1.42
64	MP3B	X	5.409	4.92
65	MP3B	Z	9.369	4.92
66	MP3B	Mx	.003	4.92
67	MP3C	X	4.394	1.42
68	MP3C	Z	7.61	1.42
69	MP3C	Mx	.009	1.42
70	MP3C	X	4.394	4.92
71	MP3C	Z	7.61	4.92
72	MP3C	Mx	.009	4.92
73	MP2A	X	.812	4.96
74	MP2A	Z	1.406	4.96
75	MP2A	Mx	-.000338	4.96
76	MP2B	X	.812	4.96
77	MP2B	Z	1.406	4.96
78	MP2B	Mx	-.000338	4.96
79	MP2C	X	.565	4.96
80	MP2C	Z	.979	4.96
81	MP2C	Mx	.000408	4.96
82	MP1B	X	1.98	.33
83	MP1B	Z	3.43	.33
84	MP1B	Mx	-.002	.33
85	MP1B	X	1.98	2.83
86	MP1B	Z	3.43	2.83
87	MP1B	Mx	-.002	2.83
88	MP1C	X	2.348	.33
89	MP1C	Z	4.067	.33
90	MP1C	Mx	.004	.33
91	MP1C	X	2.348	2.83
92	MP1C	Z	4.067	2.83
93	MP1C	Mx	.004	2.83
94	MP5B	X	1.98	.33
95	MP5B	Z	3.43	.33
96	MP5B	Mx	-.002	.33
97	MP5B	X	1.98	2.83
98	MP5B	Z	3.43	2.83
99	MP5B	Mx	-.002	2.83
100	MP5C	X	2.348	.33
101	MP5C	Z	4.067	.33
102	MP5C	Mx	.004	.33
103	MP5C	X	2.348	2.83
104	MP5C	Z	4.067	2.83
105	MP5C	Mx	.004	2.83
106	MP4A	X	1.848	.67
107	MP4A	Z	3.201	.67
108	MP4A	Mx	-.001	.67
109	MP4B	X	1.848	.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
110	MP4B	Z	3.201	.67
111	MP4B	Mx	-.001	.67
112	MP4C	X	1.517	.67
113	MP4C	Z	2.627	.67
114	MP4C	Mx	.002	.67
115	MP4A	X	1.786	.67
116	MP4A	Z	3.094	.67
117	MP4A	Mx	.001	.67
118	MP4B	X	1.786	.67
119	MP4B	Z	3.094	.67
120	MP4B	Mx	.001	.67
121	MP4C	X	1.331	.67
122	MP4C	Z	2.306	.67
123	MP4C	Mx	-.002	.67
124	OVP	X	3.248	2.5
125	OVP	Z	5.625	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	1.821	.33
128	MP1A	Z	3.153	.33
129	MP1A	Mx	-.001	.33
130	MP1A	X	1.821	2.83
131	MP1A	Z	3.153	2.83
132	MP1A	Mx	-.001	2.83
133	MP5A	X	1.821	.33
134	MP5A	Z	3.153	.33
135	MP5A	Mx	-.001	.33
136	MP5A	X	1.821	2.83
137	MP5A	Z	3.153	2.83
138	MP5A	Mx	-.001	2.83
139	OVP	X	3.248	2
140	OVP	Z	5.625	2
141	OVP	Mx	0	2
142	MP3B	X	1.03	5.5
143	MP3B	Z	1.784	5.5
144	MP3B	Mx	.000858	5.5
145	MP3B	X	1.03	5.5
146	MP3B	Z	1.784	5.5
147	MP3B	Mx	-.000858	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	0	.55
2	MP3A	Z	.961	.55
3	MP3A	Mx	0	.55
4	MP3B	X	0	.55
5	MP3B	Z	.739	.55
6	MP3B	Mx	.0004	.55
7	MP3C	X	0	.55
8	MP3C	Z	.887	.55
9	MP3C	Mx	-.000277	.55
10	MP3A	X	0	.55
11	MP3A	Z	.961	.55
12	MP3A	Mx	0	.55
13	MP3B	X	0	.55
14	MP3B	Z	.739	.55
15	MP3B	Mx	.0004	.55



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	0	.55
17	MP3C	Z	.887	.55
18	MP3C	Mx	-.000277	.55
19	MP2A	X	0	.58
20	MP2A	Z	5.092	.58
21	MP2A	Mx	0	.58
22	MP2A	X	0	2.58
23	MP2A	Z	5.092	2.58
24	MP2A	Mx	0	2.58
25	MP2B	X	0	.58
26	MP2B	Z	2.588	.58
27	MP2B	Mx	-.001	.58
28	MP2B	X	0	2.58
29	MP2B	Z	2.588	2.58
30	MP2B	Mx	-.001	2.58
31	MP2C	X	0	.58
32	MP2C	Z	4.258	.58
33	MP2C	Mx	.001	.58
34	MP2C	X	0	2.58
35	MP2C	Z	4.258	2.58
36	MP2C	Mx	.001	2.58
37	MP3A	X	0	1.42
38	MP3A	Z	11.834	1.42
39	MP3A	Mx	.009	1.42
40	MP3A	X	0	4.92
41	MP3A	Z	11.834	4.92
42	MP3A	Mx	.009	4.92
43	MP3B	X	0	1.42
44	MP3B	Z	8.788	1.42
45	MP3B	Mx	-.009	1.42
46	MP3B	X	0	4.92
47	MP3B	Z	8.788	4.92
48	MP3B	Mx	-.009	4.92
49	MP3C	X	0	1.42
50	MP3C	Z	10.819	1.42
51	MP3C	Mx	-.003	1.42
52	MP3C	X	0	4.92
53	MP3C	Z	10.819	4.92
54	MP3C	Mx	-.003	4.92
55	MP3A	X	0	1.42
56	MP3A	Z	11.834	1.42
57	MP3A	Mx	-.009	1.42
58	MP3A	X	0	4.92
59	MP3A	Z	11.834	4.92
60	MP3A	Mx	-.009	4.92
61	MP3B	X	0	1.42
62	MP3B	Z	8.788	1.42
63	MP3B	Mx	-.002	1.42
64	MP3B	X	0	4.92
65	MP3B	Z	8.788	4.92
66	MP3B	Mx	-.002	4.92
67	MP3C	X	0	1.42
68	MP3C	Z	10.819	1.42
69	MP3C	Mx	.011	1.42
70	MP3C	X	0	4.92
71	MP3C	Z	10.819	4.92
72	MP3C	Mx	.011	4.92



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
73	MP2A	X	0	4.96
74	MP2A	Z	1.871	4.96
75	MP2A	Mx	0	4.96
76	MP2B	X	0	4.96
77	MP2B	Z	1.13	4.96
78	MP2B	Mx	-.000408	4.96
79	MP2C	X	0	4.96
80	MP2C	Z	1.624	4.96
81	MP2C	Mx	.000338	4.96
82	MP1B	X	0	.33
83	MP1B	Z	4.451	.33
84	MP1B	Mx	-.003	.33
85	MP1B	X	0	2.83
86	MP1B	Z	4.451	2.83
87	MP1B	Mx	-.003	2.83
88	MP1C	X	0	.33
89	MP1C	Z	4.451	.33
90	MP1C	Mx	.003	.33
91	MP1C	X	0	2.83
92	MP1C	Z	4.451	2.83
93	MP1C	Mx	.003	2.83
94	MP5B	X	0	.33
95	MP5B	Z	4.451	.33
96	MP5B	Mx	-.003	.33
97	MP5B	X	0	2.83
98	MP5B	Z	4.451	2.83
99	MP5B	Mx	-.003	2.83
100	MP5C	X	0	.33
101	MP5C	Z	4.451	.33
102	MP5C	Mx	.003	.33
103	MP5C	X	0	2.83
104	MP5C	Z	4.451	2.83
105	MP5C	Mx	.003	2.83
106	MP4A	X	0	.67
107	MP4A	Z	4.027	.67
108	MP4A	Mx	0	.67
109	MP4B	X	0	.67
110	MP4B	Z	3.033	.67
111	MP4B	Mx	-.002	.67
112	MP4C	X	0	.67
113	MP4C	Z	3.696	.67
114	MP4C	Mx	.001	.67
115	MP4A	X	0	.67
116	MP4A	Z	4.027	.67
117	MP4A	Mx	0	.67
118	MP4B	X	0	.67
119	MP4B	Z	2.663	.67
120	MP4B	Mx	.002	.67
121	MP4C	X	0	.67
122	MP4C	Z	3.572	.67
123	MP4C	Mx	-.001	.67
124	OVP	X	0	2.5
125	OVP	Z	6.883	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	0	.33
128	MP1A	Z	3.481	.33
129	MP1A	Mx	0	.33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
130	MP1A	X	0	2.83
131	MP1A	Z	3.481	2.83
132	MP1A	Mx	0	2.83
133	MP5A	X	0	.33
134	MP5A	Z	3.481	.33
135	MP5A	Mx	0	.33
136	MP5A	X	0	2.83
137	MP5A	Z	3.481	2.83
138	MP5A	Mx	0	2.83
139	OVP	X	0	2
140	OVP	Z	6.883	2
141	OVP	Mx	0	2
142	MP3B	X	0	5.5
143	MP3B	Z	1.191	5.5
144	MP3B	Mx	.00086	5.5
145	MP3B	X	0	5.5
146	MP3B	Z	1.191	5.5
147	MP3B	Mx	-.00086	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	-.444	.55
2	MP3A	Z	.768	.55
3	MP3A	Mx	-.000278	.55
4	MP3B	X	-.333	.55
5	MP3B	Z	.576	.55
6	MP3B	Mx	.000416	.55
7	MP3C	X	-.481	.55
8	MP3C	Z	.832	.55
9	MP3C	Mx	0	.55
10	MP3A	X	-.444	.55
11	MP3A	Z	.768	.55
12	MP3A	Mx	-.000278	.55
13	MP3B	X	-.333	.55
14	MP3B	Z	.576	.55
15	MP3B	Mx	.000416	.55
16	MP3C	X	-.481	.55
17	MP3C	Z	.832	.55
18	MP3C	Mx	0	.55
19	MP2A	X	-2.129	.58
20	MP2A	Z	3.687	.58
21	MP2A	Mx	.001	.58
22	MP2A	X	-2.129	2.58
23	MP2A	Z	3.687	2.58
24	MP2A	Mx	.001	2.58
25	MP2B	X	-.877	.58
26	MP2B	Z	1.519	.58
27	MP2B	Mx	-.000877	.58
28	MP2B	X	-.877	2.58
29	MP2B	Z	1.519	2.58
30	MP2B	Mx	-.000877	2.58
31	MP2C	X	-2.546	.58
32	MP2C	Z	4.41	.58
33	MP2C	Mx	0	.58
34	MP2C	X	-2.546	2.58
35	MP2C	Z	4.41	2.58



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	0	2.58
37	MP3A	X	-5.409	1.42
38	MP3A	Z	9.369	1.42
39	MP3A	Mx	.011	1.42
40	MP3A	X	-5.409	4.92
41	MP3A	Z	9.369	4.92
42	MP3A	Mx	.011	4.92
43	MP3B	X	-3.886	1.42
44	MP3B	Z	6.731	1.42
45	MP3B	Mx	-.006	1.42
46	MP3B	X	-3.886	4.92
47	MP3B	Z	6.731	4.92
48	MP3B	Mx	-.006	4.92
49	MP3C	X	-5.917	1.42
50	MP3C	Z	10.249	1.42
51	MP3C	Mx	-.009	1.42
52	MP3C	X	-5.917	4.92
53	MP3C	Z	10.249	4.92
54	MP3C	Mx	-.009	4.92
55	MP3A	X	-5.409	1.42
56	MP3A	Z	9.369	1.42
57	MP3A	Mx	-.003	1.42
58	MP3A	X	-5.409	4.92
59	MP3A	Z	9.369	4.92
60	MP3A	Mx	-.003	4.92
61	MP3B	X	-3.886	1.42
62	MP3B	Z	6.731	1.42
63	MP3B	Mx	-.006	1.42
64	MP3B	X	-3.886	4.92
65	MP3B	Z	6.731	4.92
66	MP3B	Mx	-.006	4.92
67	MP3C	X	-5.917	1.42
68	MP3C	Z	10.249	1.42
69	MP3C	Mx	.009	1.42
70	MP3C	X	-5.917	4.92
71	MP3C	Z	10.249	4.92
72	MP3C	Mx	.009	4.92
73	MP2A	X	-.812	4.96
74	MP2A	Z	1.406	4.96
75	MP2A	Mx	.000338	4.96
76	MP2B	X	-.442	4.96
77	MP2B	Z	.765	4.96
78	MP2B	Mx	-.000368	4.96
79	MP2C	X	-.935	4.96
80	MP2C	Z	1.62	4.96
81	MP2C	Mx	0	4.96
82	MP1B	X	-2.348	.33
83	MP1B	Z	4.067	.33
84	MP1B	Mx	-.004	.33
85	MP1B	X	-2.348	2.83
86	MP1B	Z	4.067	2.83
87	MP1B	Mx	-.004	2.83
88	MP1C	X	-1.98	.33
89	MP1C	Z	3.43	.33
90	MP1C	Mx	.002	.33
91	MP1C	X	-1.98	2.83
92	MP1C	Z	3.43	2.83

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP1C	Mx	.002	2.83
94	MP5B	X	-2.348	.33
95	MP5B	Z	4.067	.33
96	MP5B	Mx	-.004	.33
97	MP5B	X	-2.348	2.83
98	MP5B	Z	4.067	2.83
99	MP5B	Mx	-.004	2.83
100	MP5C	X	-1.98	.33
101	MP5C	Z	3.43	.33
102	MP5C	Mx	.002	.33
103	MP5C	X	-1.98	2.83
104	MP5C	Z	3.43	2.83
105	MP5C	Mx	.002	2.83
106	MP4A	X	-1.848	.67
107	MP4A	Z	3.201	.67
108	MP4A	Mx	.001	.67
109	MP4B	X	-1.351	.67
110	MP4B	Z	2.34	.67
111	MP4B	Mx	-.002	.67
112	MP4C	X	-2.013	.67
113	MP4C	Z	3.487	.67
114	MP4C	Mx	0	.67
115	MP4A	X	-1.786	.67
116	MP4A	Z	3.094	.67
117	MP4A	Mx	-.001	.67
118	MP4B	X	-1.104	.67
119	MP4B	Z	1.912	.67
120	MP4B	Mx	.002	.67
121	MP4C	X	-2.013	.67
122	MP4C	Z	3.487	.67
123	MP4C	Mx	0	.67
124	OVP	X	-3.83	2.5
125	OVP	Z	6.633	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-1.821	.33
128	MP1A	Z	3.153	.33
129	MP1A	Mx	.001	.33
130	MP1A	X	-1.821	2.83
131	MP1A	Z	3.153	2.83
132	MP1A	Mx	.001	2.83
133	MP5A	X	-1.821	.33
134	MP5A	Z	3.153	.33
135	MP5A	Mx	.001	.33
136	MP5A	X	-1.821	2.83
137	MP5A	Z	3.153	2.83
138	MP5A	Mx	.001	2.83
139	OVP	X	-3.83	2
140	OVP	Z	6.633	2
141	OVP	Mx	0	2
142	MP3B	X	-.378	5.5
143	MP3B	Z	.655	5.5
144	MP3B	Mx	.00063	5.5
145	MP3B	X	-.378	5.5
146	MP3B	Z	.655	5.5
147	MP3B	Mx	-.00063	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	-.64	.55
2	MP3A	Z	.37	.55
3	MP3A	Mx	-.0004	.55
4	MP3B	X	-.64	.55
5	MP3B	Z	.37	.55
6	MP3B	Mx	.0004	.55
7	MP3C	X	-.768	.55
8	MP3C	Z	.444	.55
9	MP3C	Mx	.000277	.55
10	MP3A	X	-.64	.55
11	MP3A	Z	.37	.55
12	MP3A	Mx	-.0004	.55
13	MP3B	X	-.64	.55
14	MP3B	Z	.37	.55
15	MP3B	Mx	.0004	.55
16	MP3C	X	-.768	.55
17	MP3C	Z	.444	.55
18	MP3C	Mx	.000277	.55
19	MP2A	X	-2.242	.58
20	MP2A	Z	1.294	.58
21	MP2A	Mx	.001	.58
22	MP2A	X	-2.242	2.58
23	MP2A	Z	1.294	2.58
24	MP2A	Mx	.001	2.58
25	MP2B	X	-2.242	.58
26	MP2B	Z	1.294	.58
27	MP2B	Mx	-.001	.58
28	MP2B	X	-2.242	2.58
29	MP2B	Z	1.294	2.58
30	MP2B	Mx	-.001	2.58
31	MP2C	X	-3.687	.58
32	MP2C	Z	2.129	.58
33	MP2C	Mx	-.001	.58
34	MP2C	X	-3.687	2.58
35	MP2C	Z	2.129	2.58
36	MP2C	Mx	-.001	2.58
37	MP3A	X	-7.61	1.42
38	MP3A	Z	4.394	1.42
39	MP3A	Mx	.009	1.42
40	MP3A	X	-7.61	4.92
41	MP3A	Z	4.394	4.92
42	MP3A	Mx	.009	4.92
43	MP3B	X	-7.61	1.42
44	MP3B	Z	4.394	1.42
45	MP3B	Mx	-.002	1.42
46	MP3B	X	-7.61	4.92
47	MP3B	Z	4.394	4.92
48	MP3B	Mx	-.002	4.92
49	MP3C	X	-9.369	1.42
50	MP3C	Z	5.409	1.42
51	MP3C	Mx	-.011	1.42
52	MP3C	X	-9.369	4.92
53	MP3C	Z	5.409	4.92
54	MP3C	Mx	-.011	4.92
55	MP3A	X	-7.61	1.42
56	MP3A	Z	4.394	1.42
57	MP3A	Mx	.002	1.42



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-7.61	4.92
59	MP3A	Z	4.394	4.92
60	MP3A	Mx	.002	4.92
61	MP3B	X	-7.61	1.42
62	MP3B	Z	4.394	1.42
63	MP3B	Mx	-.009	1.42
64	MP3B	X	-7.61	4.92
65	MP3B	Z	4.394	4.92
66	MP3B	Mx	-.009	4.92
67	MP3C	X	-9.369	1.42
68	MP3C	Z	5.409	1.42
69	MP3C	Mx	.003	1.42
70	MP3C	X	-9.369	4.92
71	MP3C	Z	5.409	4.92
72	MP3C	Mx	.003	4.92
73	MP2A	X	-.979	4.96
74	MP2A	Z	.565	4.96
75	MP2A	Mx	.000408	4.96
76	MP2B	X	-.979	4.96
77	MP2B	Z	.565	4.96
78	MP2B	Mx	-.000408	4.96
79	MP2C	X	-1.406	4.96
80	MP2C	Z	.812	4.96
81	MP2C	Mx	-.000338	4.96
82	MP1B	X	-3.854	.33
83	MP1B	Z	2.225	.33
84	MP1B	Mx	-.003	.33
85	MP1B	X	-3.854	2.83
86	MP1B	Z	2.225	2.83
87	MP1B	Mx	-.003	2.83
88	MP1C	X	-3.217	.33
89	MP1C	Z	1.858	.33
90	MP1C	Mx	0	.33
91	MP1C	X	-3.217	2.83
92	MP1C	Z	1.858	2.83
93	MP1C	Mx	0	2.83
94	MP5B	X	-3.854	.33
95	MP5B	Z	2.225	.33
96	MP5B	Mx	-.003	.33
97	MP5B	X	-3.854	2.83
98	MP5B	Z	2.225	2.83
99	MP5B	Mx	-.003	2.83
100	MP5C	X	-3.217	.33
101	MP5C	Z	1.858	.33
102	MP5C	Mx	0	.33
103	MP5C	X	-3.217	2.83
104	MP5C	Z	1.858	2.83
105	MP5C	Mx	0	2.83
106	MP4A	X	-2.627	.67
107	MP4A	Z	1.517	.67
108	MP4A	Mx	.002	.67
109	MP4B	X	-2.627	.67
110	MP4B	Z	1.517	.67
111	MP4B	Mx	-.002	.67
112	MP4C	X	-3.201	.67
113	MP4C	Z	1.848	.67
114	MP4C	Mx	-.001	.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
115	MP4A	X	-2.306	.67
116	MP4A	Z	1.331	.67
117	MP4A	Mx	-.002	.67
118	MP4B	X	-2.306	.67
119	MP4B	Z	1.331	.67
120	MP4B	Mx	.002	.67
121	MP4C	X	-3.094	.67
122	MP4C	Z	1.786	.67
123	MP4C	Mx	.001	.67
124	OVP	X	-6.969	2.5
125	OVP	Z	4.024	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-3.43	.33
128	MP1A	Z	1.98	.33
129	MP1A	Mx	.003	.33
130	MP1A	X	-3.43	2.83
131	MP1A	Z	1.98	2.83
132	MP1A	Mx	.003	2.83
133	MP5A	X	-3.43	.33
134	MP5A	Z	1.98	.33
135	MP5A	Mx	.003	.33
136	MP5A	X	-3.43	2.83
137	MP5A	Z	1.98	2.83
138	MP5A	Mx	.003	2.83
139	OVP	X	-6.969	2
140	OVP	Z	4.024	2
141	OVP	Mx	0	2
142	MP3B	X	-1.031	5.5
143	MP3B	Z	.595	5.5
144	MP3B	Mx	.000859	5.5
145	MP3B	X	-1.031	5.5
146	MP3B	Z	.595	5.5
147	MP3B	Mx	-.000859	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-.665	.55
2	MP3A	Z	0	.55
3	MP3A	Mx	-.000416	.55
4	MP3B	X	-.887	.55
5	MP3B	Z	0	.55
6	MP3B	Mx	.000277	.55
7	MP3C	X	-.739	.55
8	MP3C	Z	0	.55
9	MP3C	Mx	.0004	.55
10	MP3A	X	-.665	.55
11	MP3A	Z	0	.55
12	MP3A	Mx	-.000416	.55
13	MP3B	X	-.887	.55
14	MP3B	Z	0	.55
15	MP3B	Mx	.000277	.55
16	MP3C	X	-.739	.55
17	MP3C	Z	0	.55
18	MP3C	Mx	.0004	.55
19	MP2A	X	-1.754	.58
20	MP2A	Z	0	.58



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	.000877	.58
22	MP2A	X	-1.754	2.58
23	MP2A	Z	0	2.58
24	MP2A	Mx	.000877	2.58
25	MP2B	X	-4.258	.58
26	MP2B	Z	0	.58
27	MP2B	Mx	-.001	.58
28	MP2B	X	-4.258	2.58
29	MP2B	Z	0	2.58
30	MP2B	Mx	-.001	2.58
31	MP2C	X	-2.588	.58
32	MP2C	Z	0	.58
33	MP2C	Mx	-.001	.58
34	MP2C	X	-2.588	2.58
35	MP2C	Z	0	2.58
36	MP2C	Mx	-.001	2.58
37	MP3A	X	-7.772	1.42
38	MP3A	Z	0	1.42
39	MP3A	Mx	.006	1.42
40	MP3A	X	-7.772	4.92
41	MP3A	Z	0	4.92
42	MP3A	Mx	.006	4.92
43	MP3B	X	-10.819	1.42
44	MP3B	Z	0	1.42
45	MP3B	Mx	.003	1.42
46	MP3B	X	-10.819	4.92
47	MP3B	Z	0	4.92
48	MP3B	Mx	.003	4.92
49	MP3C	X	-8.788	1.42
50	MP3C	Z	0	1.42
51	MP3C	Mx	-.009	1.42
52	MP3C	X	-8.788	4.92
53	MP3C	Z	0	4.92
54	MP3C	Mx	-.009	4.92
55	MP3A	X	-7.772	1.42
56	MP3A	Z	0	1.42
57	MP3A	Mx	.006	1.42
58	MP3A	X	-7.772	4.92
59	MP3A	Z	0	4.92
60	MP3A	Mx	.006	4.92
61	MP3B	X	-10.819	1.42
62	MP3B	Z	0	1.42
63	MP3B	Mx	-.011	1.42
64	MP3B	X	-10.819	4.92
65	MP3B	Z	0	4.92
66	MP3B	Mx	-.011	4.92
67	MP3C	X	-8.788	1.42
68	MP3C	Z	0	1.42
69	MP3C	Mx	-.002	1.42
70	MP3C	X	-8.788	4.92
71	MP3C	Z	0	4.92
72	MP3C	Mx	-.002	4.92
73	MP2A	X	-.883	4.96
74	MP2A	Z	0	4.96
75	MP2A	Mx	.000368	4.96
76	MP2B	X	-1.624	4.96
77	MP2B	Z	0	4.96

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2B	Mx	-.000338	4.96
79	MP2C	X	-1.13	4.96
80	MP2C	Z	0	4.96
81	MP2C	Mx	-.000408	4.96
82	MP1B	X	-3.96	.33
83	MP1B	Z	0	.33
84	MP1B	Mx	-.002	.33
85	MP1B	X	-3.96	2.83
86	MP1B	Z	0	2.83
87	MP1B	Mx	-.002	2.83
88	MP1C	X	-3.96	.33
89	MP1C	Z	0	.33
90	MP1C	Mx	-.002	.33
91	MP1C	X	-3.96	2.83
92	MP1C	Z	0	2.83
93	MP1C	Mx	-.002	2.83
94	MP5B	X	-3.96	.33
95	MP5B	Z	0	.33
96	MP5B	Mx	-.002	.33
97	MP5B	X	-3.96	2.83
98	MP5B	Z	0	2.83
99	MP5B	Mx	-.002	2.83
100	MP5C	X	-3.96	.33
101	MP5C	Z	0	.33
102	MP5C	Mx	-.002	.33
103	MP5C	X	-3.96	2.83
104	MP5C	Z	0	2.83
105	MP5C	Mx	-.002	2.83
106	MP4A	X	-2.702	.67
107	MP4A	Z	0	.67
108	MP4A	Mx	.002	.67
109	MP4B	X	-3.696	.67
110	MP4B	Z	0	.67
111	MP4B	Mx	-.001	.67
112	MP4C	X	-3.033	.67
113	MP4C	Z	0	.67
114	MP4C	Mx	-.002	.67
115	MP4A	X	-2.208	.67
116	MP4A	Z	0	.67
117	MP4A	Mx	-.002	.67
118	MP4B	X	-3.572	.67
119	MP4B	Z	0	.67
120	MP4B	Mx	.001	.67
121	MP4C	X	-2.663	.67
122	MP4C	Z	0	.67
123	MP4C	Mx	.002	.67
124	OVP	X	-7.659	2.5
125	OVP	Z	0	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-4.12	.33
128	MP1A	Z	0	.33
129	MP1A	Mx	.003	.33
130	MP1A	X	-4.12	2.83
131	MP1A	Z	0	2.83
132	MP1A	Mx	.003	2.83
133	MP5A	X	-4.12	.33
134	MP5A	Z	0	.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
135	MP5A	Mx	.003	.33
136	MP5A	X	-4.12	2.83
137	MP5A	Z	0	2.83
138	MP5A	Mx	.003	2.83
139	OVP	X	-7.659	2
140	OVP	Z	0	2
141	OVP	Mx	0	2
142	MP3B	X	-2.06	5.5
143	MP3B	Z	0	5.5
144	MP3B	Mx	.000858	5.5
145	MP3B	X	-2.06	5.5
146	MP3B	Z	0	5.5
147	MP3B	Mx	-.000858	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	-.64	.55
2	MP3A	Z	-.37	.55
3	MP3A	Mx	-.0004	.55
4	MP3B	X	-.832	.55
5	MP3B	Z	-.481	.55
6	MP3B	Mx	0	.55
7	MP3C	X	-.576	.55
8	MP3C	Z	-.333	.55
9	MP3C	Mx	.000416	.55
10	MP3A	X	-.64	.55
11	MP3A	Z	-.37	.55
12	MP3A	Mx	-.0004	.55
13	MP3B	X	-.832	.55
14	MP3B	Z	-.481	.55
15	MP3B	Mx	0	.55
16	MP3C	X	-.576	.55
17	MP3C	Z	-.333	.55
18	MP3C	Mx	.000416	.55
19	MP2A	X	-2.242	.58
20	MP2A	Z	-1.294	.58
21	MP2A	Mx	.001	.58
22	MP2A	X	-2.242	2.58
23	MP2A	Z	-1.294	2.58
24	MP2A	Mx	.001	2.58
25	MP2B	X	-4.41	.58
26	MP2B	Z	-2.546	.58
27	MP2B	Mx	0	.58
28	MP2B	X	-4.41	2.58
29	MP2B	Z	-2.546	2.58
30	MP2B	Mx	0	2.58
31	MP2C	X	-1.519	.58
32	MP2C	Z	-.877	.58
33	MP2C	Mx	-.000877	.58
34	MP2C	X	-1.519	2.58
35	MP2C	Z	-.877	2.58
36	MP2C	Mx	-.000877	2.58
37	MP3A	X	-7.61	1.42
38	MP3A	Z	-4.394	1.42
39	MP3A	Mx	.002	1.42
40	MP3A	X	-7.61	4.92



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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]	
41	MP3A	Z	-4.394	4.92
42	MP3A	Mx	.002	4.92
43	MP3B	X	-10.249	1.42
44	MP3B	Z	-5.917	1.42
45	MP3B	Mx	.009	1.42
46	MP3B	X	-10.249	4.92
47	MP3B	Z	-5.917	4.92
48	MP3B	Mx	.009	4.92
49	MP3C	X	-6.731	1.42
50	MP3C	Z	-3.886	1.42
51	MP3C	Mx	-.006	1.42
52	MP3C	X	-6.731	4.92
53	MP3C	Z	-3.886	4.92
54	MP3C	Mx	-.006	4.92
55	MP3A	X	-7.61	1.42
56	MP3A	Z	-4.394	1.42
57	MP3A	Mx	.009	1.42
58	MP3A	X	-7.61	4.92
59	MP3A	Z	-4.394	4.92
60	MP3A	Mx	.009	4.92
61	MP3B	X	-10.249	1.42
62	MP3B	Z	-5.917	1.42
63	MP3B	Mx	-.009	1.42
64	MP3B	X	-10.249	4.92
65	MP3B	Z	-5.917	4.92
66	MP3B	Mx	-.009	4.92
67	MP3C	X	-6.731	1.42
68	MP3C	Z	-3.886	1.42
69	MP3C	Mx	-.006	1.42
70	MP3C	X	-6.731	4.92
71	MP3C	Z	-3.886	4.92
72	MP3C	Mx	-.006	4.92
73	MP2A	X	-.979	4.96
74	MP2A	Z	-.565	4.96
75	MP2A	Mx	.000408	4.96
76	MP2B	X	-1.62	4.96
77	MP2B	Z	-.935	4.96
78	MP2B	Mx	0	4.96
79	MP2C	X	-.765	4.96
80	MP2C	Z	-.442	4.96
81	MP2C	Mx	-.000368	4.96
82	MP1B	X	-3.217	.33
83	MP1B	Z	-1.858	.33
84	MP1B	Mx	0	.33
85	MP1B	X	-3.217	2.83
86	MP1B	Z	-1.858	2.83
87	MP1B	Mx	0	2.83
88	MP1C	X	-3.854	.33
89	MP1C	Z	-2.225	.33
90	MP1C	Mx	-.003	.33
91	MP1C	X	-3.854	2.83
92	MP1C	Z	-2.225	2.83
93	MP1C	Mx	-.003	2.83
94	MP5B	X	-3.217	.33
95	MP5B	Z	-1.858	.33
96	MP5B	Mx	0	.33
97	MP5B	X	-3.217	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
98	MP5B	Z	-1.858	2.83
99	MP5B	Mx	0	2.83
100	MP5C	X	-3.854	.33
101	MP5C	Z	-2.225	.33
102	MP5C	Mx	-.003	.33
103	MP5C	X	-3.854	2.83
104	MP5C	Z	-2.225	2.83
105	MP5C	Mx	-.003	2.83
106	MP4A	X	-2.627	.67
107	MP4A	Z	-1.517	.67
108	MP4A	Mx	.002	.67
109	MP4B	X	-3.487	.67
110	MP4B	Z	-2.013	.67
111	MP4B	Mx	0	.67
112	MP4C	X	-2.34	.67
113	MP4C	Z	-1.351	.67
114	MP4C	Mx	-.002	.67
115	MP4A	X	-2.306	.67
116	MP4A	Z	-1.331	.67
117	MP4A	Mx	-.002	.67
118	MP4B	X	-3.487	.67
119	MP4B	Z	-2.013	.67
120	MP4B	Mx	0	.67
121	MP4C	X	-1.912	.67
122	MP4C	Z	-1.104	.67
123	MP4C	Mx	.002	.67
124	OVP	X	-5.961	2.5
125	OVP	Z	-3.442	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-3.43	.33
128	MP1A	Z	-1.98	.33
129	MP1A	Mx	.003	.33
130	MP1A	X	-3.43	2.83
131	MP1A	Z	-1.98	2.83
132	MP1A	Mx	.003	2.83
133	MP5A	X	-3.43	.33
134	MP5A	Z	-1.98	.33
135	MP5A	Mx	.003	.33
136	MP5A	X	-3.43	2.83
137	MP5A	Z	-1.98	2.83
138	MP5A	Mx	.003	2.83
139	OVP	X	-5.961	2
140	OVP	Z	-3.442	2
141	OVP	Mx	0	2
142	MP3B	X	-2.16	5.5
143	MP3B	Z	-1.247	5.5
144	MP3B	Mx	0	5.5
145	MP3B	X	-2.16	5.5
146	MP3B	Z	-1.247	5.5
147	MP3B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP3A	X	-.444	.55
2	MP3A	Z	-.768	.55
3	MP3A	Mx	-.000278	.55



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP3B	X	-.444	.55
5	MP3B	Z	-.768	.55
6	MP3B	Mx	-.000277	.55
7	MP3C	X	-.37	.55
8	MP3C	Z	-.64	.55
9	MP3C	Mx	.0004	.55
10	MP3A	X	-.444	.55
11	MP3A	Z	-.768	.55
12	MP3A	Mx	-.000278	.55
13	MP3B	X	-.444	.55
14	MP3B	Z	-.768	.55
15	MP3B	Mx	-.000277	.55
16	MP3C	X	-.37	.55
17	MP3C	Z	-.64	.55
18	MP3C	Mx	.0004	.55
19	MP2A	X	-2.129	.58
20	MP2A	Z	-3.687	.58
21	MP2A	Mx	.001	.58
22	MP2A	X	-2.129	2.58
23	MP2A	Z	-3.687	2.58
24	MP2A	Mx	.001	2.58
25	MP2B	X	-2.129	.58
26	MP2B	Z	-3.687	.58
27	MP2B	Mx	.001	.58
28	MP2B	X	-2.129	2.58
29	MP2B	Z	-3.687	2.58
30	MP2B	Mx	.001	2.58
31	MP2C	X	-1.294	.58
32	MP2C	Z	-2.242	.58
33	MP2C	Mx	-.001	.58
34	MP2C	X	-1.294	2.58
35	MP2C	Z	-2.242	2.58
36	MP2C	Mx	-.001	2.58
37	MP3A	X	-5.409	1.42
38	MP3A	Z	-9.369	1.42
39	MP3A	Mx	-.003	1.42
40	MP3A	X	-5.409	4.92
41	MP3A	Z	-9.369	4.92
42	MP3A	Mx	-.003	4.92
43	MP3B	X	-5.409	1.42
44	MP3B	Z	-9.369	1.42
45	MP3B	Mx	.011	1.42
46	MP3B	X	-5.409	4.92
47	MP3B	Z	-9.369	4.92
48	MP3B	Mx	.011	4.92
49	MP3C	X	-4.394	1.42
50	MP3C	Z	-7.61	1.42
51	MP3C	Mx	-.002	1.42
52	MP3C	X	-4.394	4.92
53	MP3C	Z	-7.61	4.92
54	MP3C	Mx	-.002	4.92
55	MP3A	X	-5.409	1.42
56	MP3A	Z	-9.369	1.42
57	MP3A	Mx	.011	1.42
58	MP3A	X	-5.409	4.92
59	MP3A	Z	-9.369	4.92
60	MP3A	Mx	.011	4.92

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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
61	MP3B	X	-5.409	1.42
62	MP3B	Z	-9.369	1.42
63	MP3B	Mx	-.003	1.42
64	MP3B	X	-5.409	4.92
65	MP3B	Z	-9.369	4.92
66	MP3B	Mx	-.003	4.92
67	MP3C	X	-4.394	1.42
68	MP3C	Z	-7.61	1.42
69	MP3C	Mx	-.009	1.42
70	MP3C	X	-4.394	4.92
71	MP3C	Z	-7.61	4.92
72	MP3C	Mx	-.009	4.92
73	MP2A	X	-.812	4.96
74	MP2A	Z	-1.406	4.96
75	MP2A	Mx	.000338	4.96
76	MP2B	X	-.812	4.96
77	MP2B	Z	-1.406	4.96
78	MP2B	Mx	.000338	4.96
79	MP2C	X	-.565	4.96
80	MP2C	Z	-.979	4.96
81	MP2C	Mx	-.000408	4.96
82	MP1B	X	-1.98	.33
83	MP1B	Z	-3.43	.33
84	MP1B	Mx	.002	.33
85	MP1B	X	-1.98	2.83
86	MP1B	Z	-3.43	2.83
87	MP1B	Mx	.002	2.83
88	MP1C	X	-2.348	.33
89	MP1C	Z	-4.067	.33
90	MP1C	Mx	-.004	.33
91	MP1C	X	-2.348	2.83
92	MP1C	Z	-4.067	2.83
93	MP1C	Mx	-.004	2.83
94	MP5B	X	-1.98	.33
95	MP5B	Z	-3.43	.33
96	MP5B	Mx	.002	.33
97	MP5B	X	-1.98	2.83
98	MP5B	Z	-3.43	2.83
99	MP5B	Mx	.002	2.83
100	MP5C	X	-2.348	.33
101	MP5C	Z	-4.067	.33
102	MP5C	Mx	-.004	.33
103	MP5C	X	-2.348	2.83
104	MP5C	Z	-4.067	2.83
105	MP5C	Mx	-.004	2.83
106	MP4A	X	-1.848	.67
107	MP4A	Z	-3.201	.67
108	MP4A	Mx	.001	.67
109	MP4B	X	-1.848	.67
110	MP4B	Z	-3.201	.67
111	MP4B	Mx	.001	.67
112	MP4C	X	-1.517	.67
113	MP4C	Z	-2.627	.67
114	MP4C	Mx	-.002	.67
115	MP4A	X	-1.786	.67
116	MP4A	Z	-3.094	.67
117	MP4A	Mx	-.001	.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
118	MP4B	X	-1.786	.67
119	MP4B	Z	-3.094	.67
120	MP4B	Mx	-.001	.67
121	MP4C	X	-1.331	.67
122	MP4C	Z	-2.306	.67
123	MP4C	Mx	.002	.67
124	OVP	X	-3.248	2.5
125	OVP	Z	-5.625	2.5
126	OVP	Mx	0	2.5
127	MP1A	X	-1.821	.33
128	MP1A	Z	-3.153	.33
129	MP1A	Mx	.001	.33
130	MP1A	X	-1.821	2.83
131	MP1A	Z	-3.153	2.83
132	MP1A	Mx	.001	2.83
133	MP5A	X	-1.821	.33
134	MP5A	Z	-3.153	.33
135	MP5A	Mx	.001	.33
136	MP5A	X	-1.821	2.83
137	MP5A	Z	-3.153	2.83
138	MP5A	Mx	.001	2.83
139	OVP	X	-3.248	2
140	OVP	Z	-5.625	2
141	OVP	Mx	0	2
142	MP3B	X	-1.03	5.5
143	MP3B	Z	-1.784	5.5
144	MP3B	Mx	-.000858	5.5
145	MP3B	X	-1.03	5.5
146	MP3B	Z	-1.784	5.5
147	MP3B	Mx	.000858	5.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M2	Y	-500	%45

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M1	Y	-500	%98

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M2	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	Y	-.404	.55
2	MP3A	My	.000252	.55
3	MP3A	Mz	0	.55
4	MP3B	Y	-.404	.55
5	MP3B	My	-.000126	.55



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3B	Mz	.000219	.55
7	MP3C	Y	-.404	.55
8	MP3C	My	-.000219	.55
9	MP3C	Mz	-.000126	.55
10	MP3A	Y	-.404	.55
11	MP3A	My	.000252	.55
12	MP3A	Mz	0	.55
13	MP3B	Y	-.404	.55
14	MP3B	My	-.000126	.55
15	MP3B	Mz	.000219	.55
16	MP3C	Y	-.404	.55
17	MP3C	My	-.000219	.55
18	MP3C	Mz	-.000126	.55
19	MP2A	Y	-1.691	.58
20	MP2A	My	-.000845	.58
21	MP2A	Mz	0	.58
22	MP2A	Y	-1.691	2.58
23	MP2A	My	-.000845	2.58
24	MP2A	Mz	0	2.58
25	MP2B	Y	-1.691	.58
26	MP2B	My	.000423	.58
27	MP2B	Mz	-.000732	.58
28	MP2B	Y	-1.691	2.58
29	MP2B	My	.000423	2.58
30	MP2B	Mz	-.000732	2.58
31	MP2C	Y	-1.691	.58
32	MP2C	My	.000732	.58
33	MP2C	Mz	.000423	.58
34	MP2C	Y	-1.691	2.58
35	MP2C	My	.000732	2.58
36	MP2C	Mz	.000423	2.58
37	MP3A	Y	-1.229	1.42
38	MP3A	My	-.000922	1.42
39	MP3A	Mz	.000922	1.42
40	MP3A	Y	-1.229	4.92
41	MP3A	My	-.000922	4.92
42	MP3A	Mz	.000922	4.92
43	MP3B	Y	-1.229	1.42
44	MP3B	My	-.000337	1.42
45	MP3B	Mz	-.001	1.42
46	MP3B	Y	-1.229	4.92
47	MP3B	My	-.000337	4.92
48	MP3B	Mz	-.001	4.92
49	MP3C	Y	-1.229	1.42
50	MP3C	My	.001	1.42
51	MP3C	Mz	-.000337	1.42
52	MP3C	Y	-1.229	4.92
53	MP3C	My	.001	4.92
54	MP3C	Mz	-.000337	4.92
55	MP3A	Y	-1.229	1.42
56	MP3A	My	-.000922	1.42
57	MP3A	Mz	-.000922	1.42
58	MP3A	Y	-1.229	4.92
59	MP3A	My	-.000922	4.92
60	MP3A	Mz	-.000922	4.92
61	MP3B	Y	-1.229	1.42
62	MP3B	My	.001	1.42



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
63	MP3B	Mz	-.000337	1.42
64	MP3B	Y	-1.229	4.92
65	MP3B	My	.001	4.92
66	MP3B	Mz	-.000337	4.92
67	MP3C	Y	-1.229	1.42
68	MP3C	My	.000337	1.42
69	MP3C	Mz	.001	1.42
70	MP3C	Y	-1.229	4.92
71	MP3C	My	.000337	4.92
72	MP3C	Mz	.001	4.92
73	MP2A	Y	-.726	4.96
74	MP2A	My	-.000303	4.96
75	MP2A	Mz	0	4.96
76	MP2B	Y	-.726	4.96
77	MP2B	My	.000151	4.96
78	MP2B	Mz	-.000262	4.96
79	MP2C	Y	-.726	4.96
80	MP2C	My	.000262	4.96
81	MP2C	Mz	.000151	4.96
82	MP1B	Y	-.122	.33
83	MP1B	My	4.8e-5	.33
84	MP1B	Mz	-8.4e-5	.33
85	MP1B	Y	-.122	2.83
86	MP1B	My	4.8e-5	2.83
87	MP1B	Mz	-8.4e-5	2.83
88	MP1C	Y	-.122	.33
89	MP1C	My	4.8e-5	.33
90	MP1C	Mz	8.4e-5	.33
91	MP1C	Y	-.122	2.83
92	MP1C	My	4.8e-5	2.83
93	MP1C	Mz	8.4e-5	2.83
94	MP5B	Y	-.122	.33
95	MP5B	My	4.8e-5	.33
96	MP5B	Mz	-8.4e-5	.33
97	MP5B	Y	-.122	2.83
98	MP5B	My	4.8e-5	2.83
99	MP5B	Mz	-8.4e-5	2.83
100	MP5C	Y	-.122	.33
101	MP5C	My	4.8e-5	.33
102	MP5C	Mz	8.4e-5	.33
103	MP5C	Y	-.122	2.83
104	MP5C	My	4.8e-5	2.83
105	MP5C	Mz	8.4e-5	2.83
106	MP4A	Y	-3.277	.67
107	MP4A	My	-.002	.67
108	MP4A	Mz	0	.67
109	MP4B	Y	-3.277	.67
110	MP4B	My	.001	.67
111	MP4B	Mz	-.002	.67
112	MP4C	Y	-3.277	.67
113	MP4C	My	.002	.67
114	MP4C	Mz	.001	.67
115	MP4A	Y	-2.73	.67
116	MP4A	My	.002	.67
117	MP4A	Mz	0	.67
118	MP4B	Y	-2.73	.67
119	MP4B	My	-.001	.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
120	MP4B	Mz	.002	.67
121	MP4C	Y	-2.73	.67
122	MP4C	My	-.002	.67
123	MP4C	Mz	-.001	.67
124	OVP	Y	-1.242	2.5
125	OVP	My	0	2.5
126	OVP	Mz	0	2.5
127	MP1A	Y	-.194	.33
128	MP1A	My	-.000154	.33
129	MP1A	Mz	0	.33
130	MP1A	Y	-.194	2.83
131	MP1A	My	-.000154	2.83
132	MP1A	Mz	0	2.83
133	MP5A	Y	-.194	.33
134	MP5A	My	-.000154	.33
135	MP5A	Mz	0	.33
136	MP5A	Y	-.194	2.83
137	MP5A	My	-.000154	2.83
138	MP5A	Mz	0	2.83
139	OVP	Y	-1.242	2
140	OVP	My	0	2
141	OVP	Mz	0	2
142	MP3B	Y	-.683	5.5
143	MP3B	My	-.000285	5.5
144	MP3B	Mz	.000493	5.5
145	MP3B	Y	-.683	5.5
146	MP3B	My	.000285	5.5
147	MP3B	Mz	-.000493	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP3A	Z	-1.009	.55
2	MP3A	Mx	0	.55
3	MP3B	Z	-1.009	.55
4	MP3B	Mx	-.000546	.55
5	MP3C	Z	-1.009	.55
6	MP3C	Mx	.000315	.55
7	MP3A	Z	-1.009	.55
8	MP3A	Mx	0	.55
9	MP3B	Z	-1.009	.55
10	MP3B	Mx	-.000546	.55
11	MP3C	Z	-1.009	.55
12	MP3C	Mx	.000315	.55
13	MP2A	Z	-4.227	.58
14	MP2A	Mx	0	.58
15	MP2A	Z	-4.227	2.58
16	MP2A	Mx	0	2.58
17	MP2B	Z	-4.227	.58
18	MP2B	Mx	.002	.58
19	MP2B	Z	-4.227	2.58
20	MP2B	Mx	.002	2.58
21	MP2C	Z	-4.227	.58
22	MP2C	Mx	-.001	.58
23	MP2C	Z	-4.227	2.58
24	MP2C	Mx	-.001	2.58
25	MP3A	Z	-3.072	1.42



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP3A	Mx	-.002	1.42
27	MP3A	Z	-3.072	4.92
28	MP3A	Mx	-.002	4.92
29	MP3B	Z	-3.072	1.42
30	MP3B	Mx	.003	1.42
31	MP3B	Z	-3.072	4.92
32	MP3B	Mx	.003	4.92
33	MP3C	Z	-3.072	1.42
34	MP3C	Mx	.000843	1.42
35	MP3C	Z	-3.072	4.92
36	MP3C	Mx	.000843	4.92
37	MP3A	Z	-3.072	1.42
38	MP3A	Mx	.002	1.42
39	MP3A	Z	-3.072	4.92
40	MP3A	Mx	.002	4.92
41	MP3B	Z	-3.072	1.42
42	MP3B	Mx	.000843	1.42
43	MP3B	Z	-3.072	4.92
44	MP3B	Mx	.000843	4.92
45	MP3C	Z	-3.072	1.42
46	MP3C	Mx	-.003	1.42
47	MP3C	Z	-3.072	4.92
48	MP3C	Mx	-.003	4.92
49	MP2A	Z	-1.815	4.96
50	MP2A	Mx	0	4.96
51	MP2B	Z	-1.815	4.96
52	MP2B	Mx	.000655	4.96
53	MP2C	Z	-1.815	4.96
54	MP2C	Mx	-.000378	4.96
55	MP1B	Z	-.306	.33
56	MP1B	Mx	.00021	.33
57	MP1B	Z	-.306	2.83
58	MP1B	Mx	.00021	2.83
59	MP1C	Z	-.306	.33
60	MP1C	Mx	-.00021	.33
61	MP1C	Z	-.306	2.83
62	MP1C	Mx	-.00021	2.83
63	MP5B	Z	-.306	.33
64	MP5B	Mx	.00021	.33
65	MP5B	Z	-.306	2.83
66	MP5B	Mx	.00021	2.83
67	MP5C	Z	-.306	.33
68	MP5C	Mx	-.00021	.33
69	MP5C	Z	-.306	2.83
70	MP5C	Mx	-.00021	2.83
71	MP4A	Z	-8.192	.67
72	MP4A	Mx	0	.67
73	MP4B	Z	-8.192	.67
74	MP4B	Mx	.005	.67
75	MP4C	Z	-8.192	.67
76	MP4C	Mx	-.003	.67
77	MP4A	Z	-6.824	.67
78	MP4A	Mx	0	.67
79	MP4B	Z	-6.824	.67
80	MP4B	Mx	-.005	.67
81	MP4C	Z	-6.824	.67
82	MP4C	Mx	.003	.67



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
83	OVP	Z	-3.106	2.5
84	OVP	Mx	0	2.5
85	MP1A	Z	-.485	.33
86	MP1A	Mx	0	.33
87	MP1A	Z	-.485	2.83
88	MP1A	Mx	0	2.83
89	MP5A	Z	-.485	.33
90	MP5A	Mx	0	.33
91	MP5A	Z	-.485	2.83
92	MP5A	Mx	0	2.83
93	OVP	Z	-3.106	2
94	OVP	Mx	0	2
95	MP3B	Z	-1.708	5.5
96	MP3B	Mx	-.001	5.5
97	MP3B	Z	-1.708	5.5
98	MP3B	Mx	.001	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP3A	X	1.009	.55
2	MP3A	Mx	.000631	.55
3	MP3B	X	1.009	.55
4	MP3B	Mx	-.000315	.55
5	MP3C	X	1.009	.55
6	MP3C	Mx	-.000546	.55
7	MP3A	X	1.009	.55
8	MP3A	Mx	.000631	.55
9	MP3B	X	1.009	.55
10	MP3B	Mx	-.000315	.55
11	MP3C	X	1.009	.55
12	MP3C	Mx	-.000546	.55
13	MP2A	X	4.227	.58
14	MP2A	Mx	-.002	.58
15	MP2A	X	4.227	2.58
16	MP2A	Mx	-.002	2.58
17	MP2B	X	4.227	.58
18	MP2B	Mx	.001	.58
19	MP2B	X	4.227	2.58
20	MP2B	Mx	.001	2.58
21	MP2C	X	4.227	.58
22	MP2C	Mx	.002	.58
23	MP2C	X	4.227	2.58
24	MP2C	Mx	.002	2.58
25	MP3A	X	3.072	1.42
26	MP3A	Mx	-.002	1.42
27	MP3A	X	3.072	4.92
28	MP3A	Mx	-.002	4.92
29	MP3B	X	3.072	1.42
30	MP3B	Mx	-.000843	1.42
31	MP3B	X	3.072	4.92
32	MP3B	Mx	-.000843	4.92
33	MP3C	X	3.072	1.42
34	MP3C	Mx	.003	1.42
35	MP3C	X	3.072	4.92
36	MP3C	Mx	.003	4.92
37	MP3A	X	3.072	1.42

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
38	MP3A	Mx	-.002	1.42
39	MP3A	X	3.072	4.92
40	MP3A	Mx	-.002	4.92
41	MP3B	X	3.072	1.42
42	MP3B	Mx	.003	1.42
43	MP3B	X	3.072	4.92
44	MP3B	Mx	.003	4.92
45	MP3C	X	3.072	1.42
46	MP3C	Mx	.000843	1.42
47	MP3C	X	3.072	4.92
48	MP3C	Mx	.000843	4.92
49	MP2A	X	1.815	4.96
50	MP2A	Mx	-.000756	4.96
51	MP2B	X	1.815	4.96
52	MP2B	Mx	.000378	4.96
53	MP2C	X	1.815	4.96
54	MP2C	Mx	.000655	4.96
55	MP1B	X	.306	.33
56	MP1B	Mx	.000121	.33
57	MP1B	X	.306	2.83
58	MP1B	Mx	.000121	2.83
59	MP1C	X	.306	.33
60	MP1C	Mx	.000121	.33
61	MP1C	X	.306	2.83
62	MP1C	Mx	.000121	2.83
63	MP5B	X	.306	.33
64	MP5B	Mx	.000121	.33
65	MP5B	X	.306	2.83
66	MP5B	Mx	.000121	2.83
67	MP5C	X	.306	.33
68	MP5C	Mx	.000121	.33
69	MP5C	X	.306	2.83
70	MP5C	Mx	.000121	2.83
71	MP4A	X	8.192	.67
72	MP4A	Mx	-.005	.67
73	MP4B	X	8.192	.67
74	MP4B	Mx	.003	.67
75	MP4C	X	8.192	.67
76	MP4C	Mx	.005	.67
77	MP4A	X	6.824	.67
78	MP4A	Mx	.005	.67
79	MP4B	X	6.824	.67
80	MP4B	Mx	-.003	.67
81	MP4C	X	6.824	.67
82	MP4C	Mx	-.005	.67
83	OVP	X	3.106	2.5
84	OVP	Mx	0	2.5
85	MP1A	X	.485	.33
86	MP1A	Mx	-.000384	.33
87	MP1A	X	.485	2.83
88	MP1A	Mx	-.000384	2.83
89	MP5A	X	.485	.33
90	MP5A	Mx	-.000384	.33
91	MP5A	X	.485	2.83
92	MP5A	Mx	-.000384	2.83
93	OVP	X	3.106	2
94	OVP	Mx	0	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
95	MP3B	X	1.708	5.5
96	MP3B	Mx	-.000712	5.5
97	MP3B	X	1.708	5.5
98	MP3B	Mx	.000712	5.5

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	-14.846	-14.846	0	%100
2	M2	Y	-14.846	-14.846	0	%100
3	M3	Y	-14.846	-14.846	0	%100
4	M4	Y	-14.846	-14.846	0	%100
5	M5	Y	-14.846	-14.846	0	%100
6	M6	Y	-14.846	-14.846	0	%100
7	M7	Y	-14.846	-14.846	0	%100
8	M8	Y	-14.846	-14.846	0	%100
9	M9	Y	-14.846	-14.846	0	%100
10	M13	Y	-24.797	-24.797	0	%100
11	M14A	Y	-24.797	-24.797	0	%100
12	M18	Y	-24.797	-24.797	0	%100
13	M25	Y	-12.618	-12.618	0	%100
14	M26	Y	-12.618	-12.618	0	%100
15	M27	Y	-12.618	-12.618	0	%100
16	M34	Y	-24.797	-24.797	0	%100
17	M42	Y	-24.797	-24.797	0	%100
18	M50	Y	-24.797	-24.797	0	%100
19	M52	Y	-8.883	-8.883	0	%100
20	M53	Y	-8.883	-8.883	0	%100
21	M54	Y	-8.883	-8.883	0	%100
22	M55	Y	-8.883	-8.883	0	%100
23	M56	Y	-8.883	-8.883	0	%100
24	M57	Y	-8.883	-8.883	0	%100
25	M58	Y	-8.883	-8.883	0	%100
26	M61	Y	-8.883	-8.883	0	%100
27	M62	Y	-8.883	-8.883	0	%100
28	M63	Y	-8.883	-8.883	0	%100
29	M68	Y	-8.883	-8.883	0	%100
30	M69	Y	-8.883	-8.883	0	%100
31	M70	Y	-8.883	-8.883	0	%100
32	MP1A	Y	-8.672	-8.672	0	%100
33	MP3A	Y	-8.672	-8.672	0	%100
34	MP4A	Y	-8.672	-8.672	0	%100
35	MP5A	Y	-8.672	-8.672	0	%100
36	MP1C	Y	-8.672	-8.672	0	%100
37	MP3C	Y	-8.672	-8.672	0	%100
38	MP4C	Y	-8.672	-8.672	0	%100
39	MP5C	Y	-8.672	-8.672	0	%100
40	MP1B	Y	-8.672	-8.672	0	%100
41	MP3B	Y	-8.672	-8.672	0	%100
42	MP4B	Y	-8.672	-8.672	0	%100
43	MP5B	Y	-8.672	-8.672	0	%100
44	MP2A	Y	-8.672	-8.672	0	%100
45	MP2C	Y	-8.672	-8.672	0	%100
46	MP2B	Y	-8.672	-8.672	0	%100
47	M106	Y	-14.846	-14.846	0	%100
48	M107	Y	-9.63	-9.63	0	%100



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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, %]
49	M108	Y	-9.63	-9.63	0	%100
50	M109	Y	-9.63	-9.63	0	%100
51	M110	Y	-5.238	-5.238	0	%100
52	M111	Y	-5.238	-5.238	0	%100
53	M112	Y	-5.238	-5.238	0	%100
54	M113	Y	-5.238	-5.238	0	%100
55	M114	Y	-5.238	-5.238	0	%100
56	OVP	Y	-8.672	-8.672	0	%100
57	M103A	Y	-8.883	-8.883	0	%100
58	M104A	Y	-8.883	-8.883	0	%100
59	M105	Y	-8.883	-8.883	0	%100
60	M106A	Y	-8.883	-8.883	0	%100
61	M107A	Y	-8.883	-8.883	0	%100
62	M108C	Y	-8.883	-8.883	0	%100
63	M109B	Y	-8.883	-8.883	0	%100
64	M110B	Y	-8.883	-8.883	0	%100
65	M111A	Y	-8.883	-8.883	0	%100
66	M112A	Y	-8.883	-8.883	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	-27.597	-27.597	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-27.597	-27.597	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-6.899	-6.899	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-6.899	-6.899	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-6.899	-6.899	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-6.899	-6.899	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-27.273	-27.273	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-6.818	-6.818	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-6.818	-6.818	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.39	-.39	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.39	-.39	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-1.559	-1.559	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	-5.196	-5.196	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-20.784	-20.784	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-5.196	-5.196	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	-.39	-.39	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	-.39	-.39	0	%100
35	M50	X	0	0	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,%]
36	M50	Z	-1.559	-1.559	0 %100
37	M52	X	0	0	0 %100
38	M52	Z	-11.345	-11.345	0 %100
39	M53	X	0	0	0 %100
40	M53	Z	-11.345	-11.345	0 %100
41	M54	X	0	0	0 %100
42	M54	Z	-11.114	-11.114	0 %100
43	M55	X	0	0	0 %100
44	M55	Z	-11.345	-11.345	0 %100
45	M56	X	0	0	0 %100
46	M56	Z	-11.345	-11.345	0 %100
47	M57	X	0	0	0 %100
48	M57	Z	-12.124	-12.124	0 %100
49	M58	X	0	0	0 %100
50	M58	Z	-12.124	-12.124	0 %100
51	M61	X	0	0	0 %100
52	M61	Z	-2.778	-2.778	0 %100
53	M62	X	0	0	0 %100
54	M62	Z	-11.345	-11.345	0 %100
55	M63	X	0	0	0 %100
56	M63	Z	-11.345	-11.345	0 %100
57	M68	X	0	0	0 %100
58	M68	Z	-2.778	-2.778	0 %100
59	M69	X	0	0	0 %100
60	M69	Z	-11.345	-11.345	0 %100
61	M70	X	0	0	0 %100
62	M70	Z	-11.345	-11.345	0 %100
63	MP1A	X	0	0	0 %100
64	MP1A	Z	-9.873	-9.873	0 %100
65	MP3A	X	0	0	0 %100
66	MP3A	Z	-9.873	-9.873	0 %100
67	MP4A	X	0	0	0 %100
68	MP4A	Z	-9.873	-9.873	0 %100
69	MP5A	X	0	0	0 %100
70	MP5A	Z	-9.873	-9.873	0 %100
71	MP1C	X	0	0	0 %100
72	MP1C	Z	-9.873	-9.873	0 %100
73	MP3C	X	0	0	0 %100
74	MP3C	Z	-9.873	-9.873	0 %100
75	MP4C	X	0	0	0 %100
76	MP4C	Z	-9.873	-9.873	0 %100
77	MP5C	X	0	0	0 %100
78	MP5C	Z	-9.873	-9.873	0 %100
79	MP1B	X	0	0	0 %100
80	MP1B	Z	-9.873	-9.873	0 %100
81	MP3B	X	0	0	0 %100
82	MP3B	Z	-9.873	-9.873	0 %100
83	MP4B	X	0	0	0 %100
84	MP4B	Z	-9.873	-9.873	0 %100
85	MP5B	X	0	0	0 %100
86	MP5B	Z	-9.873	-9.873	0 %100
87	MP2A	X	0	0	0 %100
88	MP2A	Z	-9.873	-9.873	0 %100
89	MP2C	X	0	0	0 %100
90	MP2C	Z	-9.873	-9.873	0 %100
91	MP2B	X	0	0	0 %100
92	MP2B	Z	-9.873	-9.873	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, %]
93	M106	X	0	0	0	%100
94	M106	Z	-6.048	-6.048	0	%100
95	M107	X	0	0	0	%100
96	M107	Z	-8.054	-8.054	0	%100
97	M108	X	0	0	0	%100
98	M108	Z	-13.856	-13.856	0	%100
99	M109	X	0	0	0	%100
100	M109	Z	-13.856	-13.856	0	%100
101	M110	X	0	0	0	%100
102	M110	Z	-2.179	-2.179	0	%100
103	M111	X	0	0	0	%100
104	M111	Z	-2.179	-2.179	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	-2.179	-2.179	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	-2.179	-2.179	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	-2.179	-2.179	0	%100
111	OVP	X	0	0	0	%100
112	OVP	Z	-8.612	-8.612	0	%100
113	M103A	X	0	0	0	%100
114	M103A	Z	-11.345	-11.345	0	%100
115	M104A	X	0	0	0	%100
116	M104A	Z	-11.345	-11.345	0	%100
117	M105	X	0	0	0	%100
118	M105	Z	-2.778	-2.778	0	%100
119	M106A	X	0	0	0	%100
120	M106A	Z	-7.168	-7.168	0	%100
121	M107A	X	0	0	0	%100
122	M107A	Z	-7.168	-7.168	0	%100
123	M108C	X	0	0	0	%100
124	M108C	Z	-11.345	-11.345	0	%100
125	M109B	X	0	0	0	%100
126	M109B	Z	-11.345	-11.345	0	%100
127	M110B	X	0	0	0	%100
128	M110B	Z	-2.778	-2.778	0	%100
129	M111A	X	0	0	0	%100
130	M111A	Z	-7.168	-7.168	0	%100
131	M112A	X	0	0	0	%100
132	M112A	Z	-7.168	-7.168	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	10.349	10.349	0	%100
2	M1	Z	-17.925	-17.925	0	%100
3	M2	X	10.349	10.349	0	%100
4	M2	Z	-17.925	-17.925	0	%100
5	M3	X	10.349	10.349	0	%100
6	M3	Z	-17.925	-17.925	0	%100
7	M4	X	10.349	10.349	0	%100
8	M4	Z	-17.925	-17.925	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	10.228	10.228	0	%100



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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,%]
14	M7	Z	-17.715	-17.715	0 %100
15	M8	X	10.228	10.228	0 %100
16	M8	Z	-17.715	-17.715	0 %100
17	M9	X	0	0	0 %100
18	M9	Z	0	0	0 %100
19	M13	X	.585	.585	0 %100
20	M13	Z	-1.012	-1.012	0 %100
21	M14A	X	0	0	0 %100
22	M14A	Z	0	0	0 %100
23	M18	X	.585	.585	0 %100
24	M18	Z	-1.012	-1.012	0 %100
25	M25	X	0	0	0 %100
26	M25	Z	0	0	0 %100
27	M26	X	7.794	7.794	0 %100
28	M26	Z	-13.5	-13.5	0 %100
29	M27	X	7.794	7.794	0 %100
30	M27	Z	-13.5	-13.5	0 %100
31	M34	X	.585	.585	0 %100
32	M34	Z	-1.012	-1.012	0 %100
33	M42	X	0	0	0 %100
34	M42	Z	0	0	0 %100
35	M50	X	.585	.585	0 %100
36	M50	Z	-1.012	-1.012	0 %100
37	M52	X	5.672	5.672	0 %100
38	M52	Z	-9.825	-9.825	0 %100
39	M53	X	5.672	5.672	0 %100
40	M53	Z	-9.825	-9.825	0 %100
41	M54	X	4.168	4.168	0 %100
42	M54	Z	-7.219	-7.219	0 %100
43	M55	X	5.672	5.672	0 %100
44	M55	Z	-9.825	-9.825	0 %100
45	M56	X	5.672	5.672	0 %100
46	M56	Z	-9.825	-9.825	0 %100
47	M57	X	5.236	5.236	0 %100
48	M57	Z	-9.069	-9.069	0 %100
49	M58	X	5.236	5.236	0 %100
50	M58	Z	-9.069	-9.069	0 %100
51	M61	X	4.168	4.168	0 %100
52	M61	Z	-7.219	-7.219	0 %100
53	M62	X	5.672	5.672	0 %100
54	M62	Z	-9.825	-9.825	0 %100
55	M63	X	5.672	5.672	0 %100
56	M63	Z	-9.825	-9.825	0 %100
57	M68	X	0	0	0 %100
58	M68	Z	0	0	0 %100
59	M69	X	5.672	5.672	0 %100
60	M69	Z	-9.825	-9.825	0 %100
61	M70	X	5.672	5.672	0 %100
62	M70	Z	-9.825	-9.825	0 %100
63	MP1A	X	4.936	4.936	0 %100
64	MP1A	Z	-8.55	-8.55	0 %100
65	MP3A	X	4.936	4.936	0 %100
66	MP3A	Z	-8.55	-8.55	0 %100
67	MP4A	X	4.936	4.936	0 %100
68	MP4A	Z	-8.55	-8.55	0 %100
69	MP5A	X	4.936	4.936	0 %100
70	MP5A	Z	-8.55	-8.55	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, %]
71	MP1C	X	4.936	4.936	0 %100
72	MP1C	Z	-8.55	-8.55	0 %100
73	MP3C	X	4.936	4.936	0 %100
74	MP3C	Z	-8.55	-8.55	0 %100
75	MP4C	X	4.936	4.936	0 %100
76	MP4C	Z	-8.55	-8.55	0 %100
77	MP5C	X	4.936	4.936	0 %100
78	MP5C	Z	-8.55	-8.55	0 %100
79	MP1B	X	4.936	4.936	0 %100
80	MP1B	Z	-8.55	-8.55	0 %100
81	MP3B	X	4.936	4.936	0 %100
82	MP3B	Z	-8.55	-8.55	0 %100
83	MP4B	X	4.936	4.936	0 %100
84	MP4B	Z	-8.55	-8.55	0 %100
85	MP5B	X	4.936	4.936	0 %100
86	MP5B	Z	-8.55	-8.55	0 %100
87	MP2A	X	4.936	4.936	0 %100
88	MP2A	Z	-8.55	-8.55	0 %100
89	MP2C	X	4.936	4.936	0 %100
90	MP2C	Z	-8.55	-8.55	0 %100
91	MP2B	X	4.936	4.936	0 %100
92	MP2B	Z	-8.55	-8.55	0 %100
93	M106	X	9.072	9.072	0 %100
94	M106	Z	-15.714	-15.714	0 %100
95	M107	X	1.342	1.342	0 %100
96	M107	Z	-2.325	-2.325	0 %100
97	M108	X	6.928	6.928	0 %100
98	M108	Z	-12	-12	0 %100
99	M109	X	6.928	6.928	0 %100
100	M109	Z	-12	-12	0 %100
101	M110	X	.363	.363	0 %100
102	M110	Z	-.629	-.629	0 %100
103	M111	X	.363	.363	0 %100
104	M111	Z	-.629	-.629	0 %100
105	M112	X	.363	.363	0 %100
106	M112	Z	-.629	-.629	0 %100
107	M113	X	.363	.363	0 %100
108	M113	Z	-.629	-.629	0 %100
109	M114	X	.363	.363	0 %100
110	M114	Z	-.629	-.629	0 %100
111	OVP	X	4.306	4.306	0 %100
112	OVP	Z	-7.458	-7.458	0 %100
113	M103A	X	5.672	5.672	0 %100
114	M103A	Z	-9.825	-9.825	0 %100
115	M104A	X	5.672	5.672	0 %100
116	M104A	Z	-9.825	-9.825	0 %100
117	M105	X	4.168	4.168	0 %100
118	M105	Z	-7.219	-7.219	0 %100
119	M106A	X	5.236	5.236	0 %100
120	M106A	Z	-9.069	-9.069	0 %100
121	M107A	X	5.236	5.236	0 %100
122	M107A	Z	-9.069	-9.069	0 %100
123	M108C	X	5.672	5.672	0 %100
124	M108C	Z	-9.825	-9.825	0 %100
125	M109B	X	5.672	5.672	0 %100
126	M109B	Z	-9.825	-9.825	0 %100
127	M110B	X	0	0	0 %100



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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, %]
128	M110B	Z	0	0	0	%100
129	M111A	X	2.758	2.758	0	%100
130	M111A	Z	-4.777	-4.777	0	%100
131	M112A	X	2.758	2.758	0	%100
132	M112A	Z	-4.777	-4.777	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	5.975	5.975	0	%100
2	M1	Z	-3.45	-3.45	0	%100
3	M2	X	5.975	5.975	0	%100
4	M2	Z	-3.45	-3.45	0	%100
5	M3	X	23.9	23.9	0	%100
6	M3	Z	-13.798	-13.798	0	%100
7	M4	X	23.9	23.9	0	%100
8	M4	Z	-13.798	-13.798	0	%100
9	M5	X	5.975	5.975	0	%100
10	M5	Z	-3.45	-3.45	0	%100
11	M6	X	5.975	5.975	0	%100
12	M6	Z	-3.45	-3.45	0	%100
13	M7	X	5.905	5.905	0	%100
14	M7	Z	-3.409	-3.409	0	%100
15	M8	X	23.62	23.62	0	%100
16	M8	Z	-13.637	-13.637	0	%100
17	M9	X	5.905	5.905	0	%100
18	M9	Z	-3.409	-3.409	0	%100
19	M13	X	1.35	1.35	0	%100
20	M13	Z	-.779	-.779	0	%100
21	M14A	X	.337	.337	0	%100
22	M14A	Z	-.195	-.195	0	%100
23	M18	X	.337	.337	0	%100
24	M18	Z	-.195	-.195	0	%100
25	M25	X	4.5	4.5	0	%100
26	M25	Z	-2.598	-2.598	0	%100
27	M26	X	4.5	4.5	0	%100
28	M26	Z	-2.598	-2.598	0	%100
29	M27	X	18	18	0	%100
30	M27	Z	-10.392	-10.392	0	%100
31	M34	X	1.35	1.35	0	%100
32	M34	Z	-.779	-.779	0	%100
33	M42	X	.337	.337	0	%100
34	M42	Z	-.195	-.195	0	%100
35	M50	X	.337	.337	0	%100
36	M50	Z	-.195	-.195	0	%100
37	M52	X	9.825	9.825	0	%100
38	M52	Z	-5.672	-5.672	0	%100
39	M53	X	9.825	9.825	0	%100
40	M53	Z	-5.672	-5.672	0	%100
41	M54	X	2.406	2.406	0	%100
42	M54	Z	-1.389	-1.389	0	%100
43	M55	X	9.825	9.825	0	%100
44	M55	Z	-5.672	-5.672	0	%100
45	M56	X	9.825	9.825	0	%100
46	M56	Z	-5.672	-5.672	0	%100
47	M57	X	6.207	6.207	0	%100
48	M57	Z	-3.584	-3.584	0	%100



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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, %]
49	M58	X	6.207	6.207	0 %100
50	M58	Z	-3.584	-3.584	0 %100
51	M61	X	9.625	9.625	0 %100
52	M61	Z	-5.557	-5.557	0 %100
53	M62	X	9.825	9.825	0 %100
54	M62	Z	-5.672	-5.672	0 %100
55	M63	X	9.825	9.825	0 %100
56	M63	Z	-5.672	-5.672	0 %100
57	M68	X	2.406	2.406	0 %100
58	M68	Z	-1.389	-1.389	0 %100
59	M69	X	9.825	9.825	0 %100
60	M69	Z	-5.672	-5.672	0 %100
61	M70	X	9.825	9.825	0 %100
62	M70	Z	-5.672	-5.672	0 %100
63	MP1A	X	8.55	8.55	0 %100
64	MP1A	Z	-4.936	-4.936	0 %100
65	MP3A	X	8.55	8.55	0 %100
66	MP3A	Z	-4.936	-4.936	0 %100
67	MP4A	X	8.55	8.55	0 %100
68	MP4A	Z	-4.936	-4.936	0 %100
69	MP5A	X	8.55	8.55	0 %100
70	MP5A	Z	-4.936	-4.936	0 %100
71	MP1C	X	8.55	8.55	0 %100
72	MP1C	Z	-4.936	-4.936	0 %100
73	MP3C	X	8.55	8.55	0 %100
74	MP3C	Z	-4.936	-4.936	0 %100
75	MP4C	X	8.55	8.55	0 %100
76	MP4C	Z	-4.936	-4.936	0 %100
77	MP5C	X	8.55	8.55	0 %100
78	MP5C	Z	-4.936	-4.936	0 %100
79	MP1B	X	8.55	8.55	0 %100
80	MP1B	Z	-4.936	-4.936	0 %100
81	MP3B	X	8.55	8.55	0 %100
82	MP3B	Z	-4.936	-4.936	0 %100
83	MP4B	X	8.55	8.55	0 %100
84	MP4B	Z	-4.936	-4.936	0 %100
85	MP5B	X	8.55	8.55	0 %100
86	MP5B	Z	-4.936	-4.936	0 %100
87	MP2A	X	8.55	8.55	0 %100
88	MP2A	Z	-4.936	-4.936	0 %100
89	MP2C	X	8.55	8.55	0 %100
90	MP2C	Z	-4.936	-4.936	0 %100
91	MP2B	X	8.55	8.55	0 %100
92	MP2B	Z	-4.936	-4.936	0 %100
93	M106	X	20.952	20.952	0 %100
94	M106	Z	-12.097	-12.097	0 %100
95	M107	X	0	0	0 %100
96	M107	Z	0	0	0 %100
97	M108	X	12	12	0 %100
98	M108	Z	-6.928	-6.928	0 %100
99	M109	X	12	12	0 %100
100	M109	Z	-6.928	-6.928	0 %100
101	M110	X	0	0	0 %100
102	M110	Z	0	0	0 %100
103	M111	X	0	0	0 %100
104	M111	Z	0	0	0 %100
105	M112	X	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, %]
106	M112	Z	0	0	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	0	0	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	0	0	0	%100
111	OVP	X	7.458	7.458	0	%100
112	OVP	Z	-4.306	-4.306	0	%100
113	M103A	X	9.825	9.825	0	%100
114	M103A	Z	-5.672	-5.672	0	%100
115	M104A	X	9.825	9.825	0	%100
116	M104A	Z	-5.672	-5.672	0	%100
117	M105	X	9.625	9.625	0	%100
118	M105	Z	-5.557	-5.557	0	%100
119	M106A	X	10.5	10.5	0	%100
120	M106A	Z	-6.062	-6.062	0	%100
121	M107A	X	10.5	10.5	0	%100
122	M107A	Z	-6.062	-6.062	0	%100
123	M108C	X	9.825	9.825	0	%100
124	M108C	Z	-5.672	-5.672	0	%100
125	M109B	X	9.825	9.825	0	%100
126	M109B	Z	-5.672	-5.672	0	%100
127	M110B	X	2.406	2.406	0	%100
128	M110B	Z	-1.389	-1.389	0	%100
129	M111A	X	6.207	6.207	0	%100
130	M111A	Z	-3.584	-3.584	0	%100
131	M112A	X	6.207	6.207	0	%100
132	M112A	Z	-3.584	-3.584	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	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	20.698	20.698	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	20.698	20.698	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	20.698	20.698	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	20.698	20.698	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	20.455	20.455	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	20.455	20.455	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	1.169	1.169	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	1.169	1.169	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M25	X	15.588	15.588	0	%100
26	M25	Z	0	0	0	%100



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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, %]
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	15.588	15.588	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	1.169	1.169	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	1.169	1.169	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	0	0	0	%100
37	M52	X	11.345	11.345	0	%100
38	M52	Z	0	0	0	%100
39	M53	X	11.345	11.345	0	%100
40	M53	Z	0	0	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	11.345	11.345	0	%100
44	M55	Z	0	0	0	%100
45	M56	X	11.345	11.345	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	5.516	5.516	0	%100
48	M57	Z	0	0	0	%100
49	M58	X	5.516	5.516	0	%100
50	M58	Z	0	0	0	%100
51	M61	X	8.335	8.335	0	%100
52	M61	Z	0	0	0	%100
53	M62	X	11.345	11.345	0	%100
54	M62	Z	0	0	0	%100
55	M63	X	11.345	11.345	0	%100
56	M63	Z	0	0	0	%100
57	M68	X	8.335	8.335	0	%100
58	M68	Z	0	0	0	%100
59	M69	X	11.345	11.345	0	%100
60	M69	Z	0	0	0	%100
61	M70	X	11.345	11.345	0	%100
62	M70	Z	0	0	0	%100
63	MP1A	X	9.873	9.873	0	%100
64	MP1A	Z	0	0	0	%100
65	MP3A	X	9.873	9.873	0	%100
66	MP3A	Z	0	0	0	%100
67	MP4A	X	9.873	9.873	0	%100
68	MP4A	Z	0	0	0	%100
69	MP5A	X	9.873	9.873	0	%100
70	MP5A	Z	0	0	0	%100
71	MP1C	X	9.873	9.873	0	%100
72	MP1C	Z	0	0	0	%100
73	MP3C	X	9.873	9.873	0	%100
74	MP3C	Z	0	0	0	%100
75	MP4C	X	9.873	9.873	0	%100
76	MP4C	Z	0	0	0	%100
77	MP5C	X	9.873	9.873	0	%100
78	MP5C	Z	0	0	0	%100
79	MP1B	X	9.873	9.873	0	%100
80	MP1B	Z	0	0	0	%100
81	MP3B	X	9.873	9.873	0	%100
82	MP3B	Z	0	0	0	%100
83	MP4B	X	9.873	9.873	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, %]
84	MP4B	Z	0	0	0	%100
85	MP5B	X	9.873	9.873	0	%100
86	MP5B	Z	0	0	0	%100
87	MP2A	X	9.873	9.873	0	%100
88	MP2A	Z	0	0	0	%100
89	MP2C	X	9.873	9.873	0	%100
90	MP2C	Z	0	0	0	%100
91	MP2B	X	9.873	9.873	0	%100
92	MP2B	Z	0	0	0	%100
93	M106	X	18.145	18.145	0	%100
94	M106	Z	0	0	0	%100
95	M107	X	2.685	2.685	0	%100
96	M107	Z	0	0	0	%100
97	M108	X	13.856	13.856	0	%100
98	M108	Z	0	0	0	%100
99	M109	X	13.856	13.856	0	%100
100	M109	Z	0	0	0	%100
101	M110	X	.726	.726	0	%100
102	M110	Z	0	0	0	%100
103	M111	X	.726	.726	0	%100
104	M111	Z	0	0	0	%100
105	M112	X	.726	.726	0	%100
106	M112	Z	0	0	0	%100
107	M113	X	.726	.726	0	%100
108	M113	Z	0	0	0	%100
109	M114	X	.726	.726	0	%100
110	M114	Z	0	0	0	%100
111	OVP	X	8.612	8.612	0	%100
112	OVP	Z	0	0	0	%100
113	M103A	X	11.345	11.345	0	%100
114	M103A	Z	0	0	0	%100
115	M104A	X	11.345	11.345	0	%100
116	M104A	Z	0	0	0	%100
117	M105	X	8.335	8.335	0	%100
118	M105	Z	0	0	0	%100
119	M106A	X	10.472	10.472	0	%100
120	M106A	Z	0	0	0	%100
121	M107A	X	10.472	10.472	0	%100
122	M107A	Z	0	0	0	%100
123	M108C	X	11.345	11.345	0	%100
124	M108C	Z	0	0	0	%100
125	M109B	X	11.345	11.345	0	%100
126	M109B	Z	0	0	0	%100
127	M110B	X	8.335	8.335	0	%100
128	M110B	Z	0	0	0	%100
129	M111A	X	10.472	10.472	0	%100
130	M111A	Z	0	0	0	%100
131	M112A	X	10.472	10.472	0	%100
132	M112A	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	5.975	5.975	0	%100
2	M1	Z	3.45	3.45	0	%100
3	M2	X	5.975	5.975	0	%100
4	M2	Z	3.45	3.45	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, %]
5	M3	X	5.975	5.975	0 %100
6	M3	Z	3.45	3.45	0 %100
7	M4	X	5.975	5.975	0 %100
8	M4	Z	3.45	3.45	0 %100
9	M5	X	23.9	23.9	0 %100
10	M5	Z	13.798	13.798	0 %100
11	M6	X	23.9	23.9	0 %100
12	M6	Z	13.798	13.798	0 %100
13	M7	X	5.905	5.905	0 %100
14	M7	Z	3.409	3.409	0 %100
15	M8	X	5.905	5.905	0 %100
16	M8	Z	3.409	3.409	0 %100
17	M9	X	23.62	23.62	0 %100
18	M9	Z	13.637	13.637	0 %100
19	M13	X	.337	.337	0 %100
20	M13	Z	.195	.195	0 %100
21	M14A	X	1.35	1.35	0 %100
22	M14A	Z	.779	.779	0 %100
23	M18	X	.337	.337	0 %100
24	M18	Z	.195	.195	0 %100
25	M25	X	18	18	0 %100
26	M25	Z	10.392	10.392	0 %100
27	M26	X	4.5	4.5	0 %100
28	M26	Z	2.598	2.598	0 %100
29	M27	X	4.5	4.5	0 %100
30	M27	Z	2.598	2.598	0 %100
31	M34	X	.337	.337	0 %100
32	M34	Z	.195	.195	0 %100
33	M42	X	1.35	1.35	0 %100
34	M42	Z	.779	.779	0 %100
35	M50	X	.337	.337	0 %100
36	M50	Z	.195	.195	0 %100
37	M52	X	9.825	9.825	0 %100
38	M52	Z	5.672	5.672	0 %100
39	M53	X	9.825	9.825	0 %100
40	M53	Z	5.672	5.672	0 %100
41	M54	X	2.406	2.406	0 %100
42	M54	Z	1.389	1.389	0 %100
43	M55	X	9.825	9.825	0 %100
44	M55	Z	5.672	5.672	0 %100
45	M56	X	9.825	9.825	0 %100
46	M56	Z	5.672	5.672	0 %100
47	M57	X	6.207	6.207	0 %100
48	M57	Z	3.584	3.584	0 %100
49	M58	X	6.207	6.207	0 %100
50	M58	Z	3.584	3.584	0 %100
51	M61	X	2.406	2.406	0 %100
52	M61	Z	1.389	1.389	0 %100
53	M62	X	9.825	9.825	0 %100
54	M62	Z	5.672	5.672	0 %100
55	M63	X	9.825	9.825	0 %100
56	M63	Z	5.672	5.672	0 %100
57	M68	X	9.625	9.625	0 %100
58	M68	Z	5.557	5.557	0 %100
59	M69	X	9.825	9.825	0 %100
60	M69	Z	5.672	5.672	0 %100
61	M70	X	9.825	9.825	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,%]
62	M70	Z	5.672	5.672	0 %100
63	MP1A	X	8.55	8.55	0 %100
64	MP1A	Z	4.936	4.936	0 %100
65	MP3A	X	8.55	8.55	0 %100
66	MP3A	Z	4.936	4.936	0 %100
67	MP4A	X	8.55	8.55	0 %100
68	MP4A	Z	4.936	4.936	0 %100
69	MP5A	X	8.55	8.55	0 %100
70	MP5A	Z	4.936	4.936	0 %100
71	MP1C	X	8.55	8.55	0 %100
72	MP1C	Z	4.936	4.936	0 %100
73	MP3C	X	8.55	8.55	0 %100
74	MP3C	Z	4.936	4.936	0 %100
75	MP4C	X	8.55	8.55	0 %100
76	MP4C	Z	4.936	4.936	0 %100
77	MP5C	X	8.55	8.55	0 %100
78	MP5C	Z	4.936	4.936	0 %100
79	MP1B	X	8.55	8.55	0 %100
80	MP1B	Z	4.936	4.936	0 %100
81	MP3B	X	8.55	8.55	0 %100
82	MP3B	Z	4.936	4.936	0 %100
83	MP4B	X	8.55	8.55	0 %100
84	MP4B	Z	4.936	4.936	0 %100
85	MP5B	X	8.55	8.55	0 %100
86	MP5B	Z	4.936	4.936	0 %100
87	MP2A	X	8.55	8.55	0 %100
88	MP2A	Z	4.936	4.936	0 %100
89	MP2C	X	8.55	8.55	0 %100
90	MP2C	Z	4.936	4.936	0 %100
91	MP2B	X	8.55	8.55	0 %100
92	MP2B	Z	4.936	4.936	0 %100
93	M106	X	5.238	5.238	0 %100
94	M106	Z	3.024	3.024	0 %100
95	M107	X	6.975	6.975	0 %100
96	M107	Z	4.027	4.027	0 %100
97	M108	X	12	12	0 %100
98	M108	Z	6.928	6.928	0 %100
99	M109	X	12	12	0 %100
100	M109	Z	6.928	6.928	0 %100
101	M110	X	1.887	1.887	0 %100
102	M110	Z	1.09	1.09	0 %100
103	M111	X	1.887	1.887	0 %100
104	M111	Z	1.09	1.09	0 %100
105	M112	X	1.887	1.887	0 %100
106	M112	Z	1.09	1.09	0 %100
107	M113	X	1.887	1.887	0 %100
108	M113	Z	1.09	1.09	0 %100
109	M114	X	1.887	1.887	0 %100
110	M114	Z	1.09	1.09	0 %100
111	OVP	X	7.458	7.458	0 %100
112	OVP	Z	4.306	4.306	0 %100
113	M103A	X	9.825	9.825	0 %100
114	M103A	Z	5.672	5.672	0 %100
115	M104A	X	9.825	9.825	0 %100
116	M104A	Z	5.672	5.672	0 %100
117	M105	X	2.406	2.406	0 %100
118	M105	Z	1.389	1.389	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, %]
119	M106A	X	6.207	6.207	0	%100
120	M106A	Z	3.584	3.584	0	%100
121	M107A	X	6.207	6.207	0	%100
122	M107A	Z	3.584	3.584	0	%100
123	M108C	X	9.825	9.825	0	%100
124	M108C	Z	5.672	5.672	0	%100
125	M109B	X	9.825	9.825	0	%100
126	M109B	Z	5.672	5.672	0	%100
127	M110B	X	9.625	9.625	0	%100
128	M110B	Z	5.557	5.557	0	%100
129	M111A	X	10.5	10.5	0	%100
130	M111A	Z	6.062	6.062	0	%100
131	M112A	X	10.5	10.5	0	%100
132	M112A	Z	6.062	6.062	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	10.349	10.349	0	%100
2	M1	Z	17.925	17.925	0	%100
3	M2	X	10.349	10.349	0	%100
4	M2	Z	17.925	17.925	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	10.349	10.349	0	%100
10	M5	Z	17.925	17.925	0	%100
11	M6	X	10.349	10.349	0	%100
12	M6	Z	17.925	17.925	0	%100
13	M7	X	10.228	10.228	0	%100
14	M7	Z	17.715	17.715	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	10.228	10.228	0	%100
18	M9	Z	17.715	17.715	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.585	.585	0	%100
22	M14A	Z	1.012	1.012	0	%100
23	M18	X	.585	.585	0	%100
24	M18	Z	1.012	1.012	0	%100
25	M25	X	7.794	7.794	0	%100
26	M25	Z	13.5	13.5	0	%100
27	M26	X	7.794	7.794	0	%100
28	M26	Z	13.5	13.5	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	.585	.585	0	%100
34	M42	Z	1.012	1.012	0	%100
35	M50	X	.585	.585	0	%100
36	M50	Z	1.012	1.012	0	%100
37	M52	X	5.672	5.672	0	%100
38	M52	Z	9.825	9.825	0	%100
39	M53	X	5.672	5.672	0	%100



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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,%]
40	M53	Z	9.825	9.825	0	%100
41	M54	X	4.168	4.168	0	%100
42	M54	Z	7.219	7.219	0	%100
43	M55	X	5.672	5.672	0	%100
44	M55	Z	9.825	9.825	0	%100
45	M56	X	5.672	5.672	0	%100
46	M56	Z	9.825	9.825	0	%100
47	M57	X	5.236	5.236	0	%100
48	M57	Z	9.069	9.069	0	%100
49	M58	X	5.236	5.236	0	%100
50	M58	Z	9.069	9.069	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	M62	X	5.672	5.672	0	%100
54	M62	Z	9.825	9.825	0	%100
55	M63	X	5.672	5.672	0	%100
56	M63	Z	9.825	9.825	0	%100
57	M68	X	4.168	4.168	0	%100
58	M68	Z	7.219	7.219	0	%100
59	M69	X	5.672	5.672	0	%100
60	M69	Z	9.825	9.825	0	%100
61	M70	X	5.672	5.672	0	%100
62	M70	Z	9.825	9.825	0	%100
63	MP1A	X	4.936	4.936	0	%100
64	MP1A	Z	8.55	8.55	0	%100
65	MP3A	X	4.936	4.936	0	%100
66	MP3A	Z	8.55	8.55	0	%100
67	MP4A	X	4.936	4.936	0	%100
68	MP4A	Z	8.55	8.55	0	%100
69	MP5A	X	4.936	4.936	0	%100
70	MP5A	Z	8.55	8.55	0	%100
71	MP1C	X	4.936	4.936	0	%100
72	MP1C	Z	8.55	8.55	0	%100
73	MP3C	X	4.936	4.936	0	%100
74	MP3C	Z	8.55	8.55	0	%100
75	MP4C	X	4.936	4.936	0	%100
76	MP4C	Z	8.55	8.55	0	%100
77	MP5C	X	4.936	4.936	0	%100
78	MP5C	Z	8.55	8.55	0	%100
79	MP1B	X	4.936	4.936	0	%100
80	MP1B	Z	8.55	8.55	0	%100
81	MP3B	X	4.936	4.936	0	%100
82	MP3B	Z	8.55	8.55	0	%100
83	MP4B	X	4.936	4.936	0	%100
84	MP4B	Z	8.55	8.55	0	%100
85	MP5B	X	4.936	4.936	0	%100
86	MP5B	Z	8.55	8.55	0	%100
87	MP2A	X	4.936	4.936	0	%100
88	MP2A	Z	8.55	8.55	0	%100
89	MP2C	X	4.936	4.936	0	%100
90	MP2C	Z	8.55	8.55	0	%100
91	MP2B	X	4.936	4.936	0	%100
92	MP2B	Z	8.55	8.55	0	%100
93	M106	X	0	0	0	%100
94	M106	Z	0	0	0	%100
95	M107	X	5.369	5.369	0	%100
96	M107	Z	9.3	9.3	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, %]
97	M108	X	6.928	6.928	0	%100
98	M108	Z	12	12	0	%100
99	M109	X	6.928	6.928	0	%100
100	M109	Z	12	12	0	%100
101	M110	X	1.453	1.453	0	%100
102	M110	Z	2.517	2.517	0	%100
103	M111	X	1.453	1.453	0	%100
104	M111	Z	2.517	2.517	0	%100
105	M112	X	1.453	1.453	0	%100
106	M112	Z	2.517	2.517	0	%100
107	M113	X	1.453	1.453	0	%100
108	M113	Z	2.517	2.517	0	%100
109	M114	X	1.453	1.453	0	%100
110	M114	Z	2.517	2.517	0	%100
111	OVP	X	4.306	4.306	0	%100
112	OVP	Z	7.458	7.458	0	%100
113	M103A	X	5.672	5.672	0	%100
114	M103A	Z	9.825	9.825	0	%100
115	M104A	X	5.672	5.672	0	%100
116	M104A	Z	9.825	9.825	0	%100
117	M105	X	0	0	0	%100
118	M105	Z	0	0	0	%100
119	M106A	X	2.758	2.758	0	%100
120	M106A	Z	4.777	4.777	0	%100
121	M107A	X	2.758	2.758	0	%100
122	M107A	Z	4.777	4.777	0	%100
123	M108C	X	5.672	5.672	0	%100
124	M108C	Z	9.825	9.825	0	%100
125	M109B	X	5.672	5.672	0	%100
126	M109B	Z	9.825	9.825	0	%100
127	M110B	X	4.168	4.168	0	%100
128	M110B	Z	7.219	7.219	0	%100
129	M111A	X	5.236	5.236	0	%100
130	M111A	Z	9.069	9.069	0	%100
131	M112A	X	5.236	5.236	0	%100
132	M112A	Z	9.069	9.069	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	27.597	27.597	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	27.597	27.597	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	6.899	6.899	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	6.899	6.899	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	6.899	6.899	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	6.899	6.899	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	27.273	27.273	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	6.818	6.818	0	%100
17	M9	X	0	0	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,%]
18	M9	Z	6.818	6.818	0 %100
19	M13	X	0	0	0 %100
20	M13	Z	.39	.39	0 %100
21	M14A	X	0	0	0 %100
22	M14A	Z	.39	.39	0 %100
23	M18	X	0	0	0 %100
24	M18	Z	1.559	1.559	0 %100
25	M25	X	0	0	0 %100
26	M25	Z	5.196	5.196	0 %100
27	M26	X	0	0	0 %100
28	M26	Z	20.784	20.784	0 %100
29	M27	X	0	0	0 %100
30	M27	Z	5.196	5.196	0 %100
31	M34	X	0	0	0 %100
32	M34	Z	.39	.39	0 %100
33	M42	X	0	0	0 %100
34	M42	Z	.39	.39	0 %100
35	M50	X	0	0	0 %100
36	M50	Z	1.559	1.559	0 %100
37	M52	X	0	0	0 %100
38	M52	Z	11.345	11.345	0 %100
39	M53	X	0	0	0 %100
40	M53	Z	11.345	11.345	0 %100
41	M54	X	0	0	0 %100
42	M54	Z	11.114	11.114	0 %100
43	M55	X	0	0	0 %100
44	M55	Z	11.345	11.345	0 %100
45	M56	X	0	0	0 %100
46	M56	Z	11.345	11.345	0 %100
47	M57	X	0	0	0 %100
48	M57	Z	12.124	12.124	0 %100
49	M58	X	0	0	0 %100
50	M58	Z	12.124	12.124	0 %100
51	M61	X	0	0	0 %100
52	M61	Z	2.778	2.778	0 %100
53	M62	X	0	0	0 %100
54	M62	Z	11.345	11.345	0 %100
55	M63	X	0	0	0 %100
56	M63	Z	11.345	11.345	0 %100
57	M68	X	0	0	0 %100
58	M68	Z	2.778	2.778	0 %100
59	M69	X	0	0	0 %100
60	M69	Z	11.345	11.345	0 %100
61	M70	X	0	0	0 %100
62	M70	Z	11.345	11.345	0 %100
63	MP1A	X	0	0	0 %100
64	MP1A	Z	9.873	9.873	0 %100
65	MP3A	X	0	0	0 %100
66	MP3A	Z	9.873	9.873	0 %100
67	MP4A	X	0	0	0 %100
68	MP4A	Z	9.873	9.873	0 %100
69	MP5A	X	0	0	0 %100
70	MP5A	Z	9.873	9.873	0 %100
71	MP1C	X	0	0	0 %100
72	MP1C	Z	9.873	9.873	0 %100
73	MP3C	X	0	0	0 %100
74	MP3C	Z	9.873	9.873	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, %]	
75	MP4C	X	0	0	0	%100
76	MP4C	Z	9.873	9.873	0	%100
77	MP5C	X	0	0	0	%100
78	MP5C	Z	9.873	9.873	0	%100
79	MP1B	X	0	0	0	%100
80	MP1B	Z	9.873	9.873	0	%100
81	MP3B	X	0	0	0	%100
82	MP3B	Z	9.873	9.873	0	%100
83	MP4B	X	0	0	0	%100
84	MP4B	Z	9.873	9.873	0	%100
85	MP5B	X	0	0	0	%100
86	MP5B	Z	9.873	9.873	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	9.873	9.873	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	9.873	9.873	0	%100
91	MP2B	X	0	0	0	%100
92	MP2B	Z	9.873	9.873	0	%100
93	M106	X	0	0	0	%100
94	M106	Z	6.048	6.048	0	%100
95	M107	X	0	0	0	%100
96	M107	Z	8.054	8.054	0	%100
97	M108	X	0	0	0	%100
98	M108	Z	13.856	13.856	0	%100
99	M109	X	0	0	0	%100
100	M109	Z	13.856	13.856	0	%100
101	M110	X	0	0	0	%100
102	M110	Z	2.179	2.179	0	%100
103	M111	X	0	0	0	%100
104	M111	Z	2.179	2.179	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	2.179	2.179	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	2.179	2.179	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	2.179	2.179	0	%100
111	OVP	X	0	0	0	%100
112	OVP	Z	8.612	8.612	0	%100
113	M103A	X	0	0	0	%100
114	M103A	Z	11.345	11.345	0	%100
115	M104A	X	0	0	0	%100
116	M104A	Z	11.345	11.345	0	%100
117	M105	X	0	0	0	%100
118	M105	Z	2.778	2.778	0	%100
119	M106A	X	0	0	0	%100
120	M106A	Z	7.168	7.168	0	%100
121	M107A	X	0	0	0	%100
122	M107A	Z	7.168	7.168	0	%100
123	M108C	X	0	0	0	%100
124	M108C	Z	11.345	11.345	0	%100
125	M109B	X	0	0	0	%100
126	M109B	Z	11.345	11.345	0	%100
127	M110B	X	0	0	0	%100
128	M110B	Z	2.778	2.778	0	%100
129	M111A	X	0	0	0	%100
130	M111A	Z	7.168	7.168	0	%100
131	M112A	X	0	0	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, %]
132	M112A	Z	7.168	7.168	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	-10.349	-10.349	0	%100
2	M1	Z	17.925	17.925	0	%100
3	M2	X	-10.349	-10.349	0	%100
4	M2	Z	17.925	17.925	0	%100
5	M3	X	-10.349	-10.349	0	%100
6	M3	Z	17.925	17.925	0	%100
7	M4	X	-10.349	-10.349	0	%100
8	M4	Z	17.925	17.925	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-10.228	-10.228	0	%100
14	M7	Z	17.715	17.715	0	%100
15	M8	X	-10.228	-10.228	0	%100
16	M8	Z	17.715	17.715	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-585	-585	0	%100
20	M13	Z	1.012	1.012	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-585	-585	0	%100
24	M18	Z	1.012	1.012	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-7.794	-7.794	0	%100
28	M26	Z	13.5	13.5	0	%100
29	M27	X	-7.794	-7.794	0	%100
30	M27	Z	13.5	13.5	0	%100
31	M34	X	-585	-585	0	%100
32	M34	Z	1.012	1.012	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	-585	-585	0	%100
36	M50	Z	1.012	1.012	0	%100
37	M52	X	-5.672	-5.672	0	%100
38	M52	Z	9.825	9.825	0	%100
39	M53	X	-5.672	-5.672	0	%100
40	M53	Z	9.825	9.825	0	%100
41	M54	X	-4.168	-4.168	0	%100
42	M54	Z	7.219	7.219	0	%100
43	M55	X	-5.672	-5.672	0	%100
44	M55	Z	9.825	9.825	0	%100
45	M56	X	-5.672	-5.672	0	%100
46	M56	Z	9.825	9.825	0	%100
47	M57	X	-5.236	-5.236	0	%100
48	M57	Z	9.069	9.069	0	%100
49	M58	X	-5.236	-5.236	0	%100
50	M58	Z	9.069	9.069	0	%100
51	M61	X	-4.168	-4.168	0	%100
52	M61	Z	7.219	7.219	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, %]
53	M62	X	-5.672	-5.672	0 %100
54	M62	Z	9.825	9.825	0 %100
55	M63	X	-5.672	-5.672	0 %100
56	M63	Z	9.825	9.825	0 %100
57	M68	X	0	0	0 %100
58	M68	Z	0	0	0 %100
59	M69	X	-5.672	-5.672	0 %100
60	M69	Z	9.825	9.825	0 %100
61	M70	X	-5.672	-5.672	0 %100
62	M70	Z	9.825	9.825	0 %100
63	MP1A	X	-4.936	-4.936	0 %100
64	MP1A	Z	8.55	8.55	0 %100
65	MP3A	X	-4.936	-4.936	0 %100
66	MP3A	Z	8.55	8.55	0 %100
67	MP4A	X	-4.936	-4.936	0 %100
68	MP4A	Z	8.55	8.55	0 %100
69	MP5A	X	-4.936	-4.936	0 %100
70	MP5A	Z	8.55	8.55	0 %100
71	MP1C	X	-4.936	-4.936	0 %100
72	MP1C	Z	8.55	8.55	0 %100
73	MP3C	X	-4.936	-4.936	0 %100
74	MP3C	Z	8.55	8.55	0 %100
75	MP4C	X	-4.936	-4.936	0 %100
76	MP4C	Z	8.55	8.55	0 %100
77	MP5C	X	-4.936	-4.936	0 %100
78	MP5C	Z	8.55	8.55	0 %100
79	MP1B	X	-4.936	-4.936	0 %100
80	MP1B	Z	8.55	8.55	0 %100
81	MP3B	X	-4.936	-4.936	0 %100
82	MP3B	Z	8.55	8.55	0 %100
83	MP4B	X	-4.936	-4.936	0 %100
84	MP4B	Z	8.55	8.55	0 %100
85	MP5B	X	-4.936	-4.936	0 %100
86	MP5B	Z	8.55	8.55	0 %100
87	MP2A	X	-4.936	-4.936	0 %100
88	MP2A	Z	8.55	8.55	0 %100
89	MP2C	X	-4.936	-4.936	0 %100
90	MP2C	Z	8.55	8.55	0 %100
91	MP2B	X	-4.936	-4.936	0 %100
92	MP2B	Z	8.55	8.55	0 %100
93	M106	X	-9.072	-9.072	0 %100
94	M106	Z	15.714	15.714	0 %100
95	M107	X	-1.342	-1.342	0 %100
96	M107	Z	2.325	2.325	0 %100
97	M108	X	-6.928	-6.928	0 %100
98	M108	Z	12	12	0 %100
99	M109	X	-6.928	-6.928	0 %100
100	M109	Z	12	12	0 %100
101	M110	X	-.363	-.363	0 %100
102	M110	Z	.629	.629	0 %100
103	M111	X	-.363	-.363	0 %100
104	M111	Z	.629	.629	0 %100
105	M112	X	-.363	-.363	0 %100
106	M112	Z	.629	.629	0 %100
107	M113	X	-.363	-.363	0 %100
108	M113	Z	.629	.629	0 %100
109	M114	X	-.363	-.363	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, %]
110	M114	Z	.629	.629	0 %100
111	OVP	X	-4.306	-4.306	0 %100
112	OVP	Z	7.458	7.458	0 %100
113	M103A	X	-5.672	-5.672	0 %100
114	M103A	Z	9.825	9.825	0 %100
115	M104A	X	-5.672	-5.672	0 %100
116	M104A	Z	9.825	9.825	0 %100
117	M105	X	-4.168	-4.168	0 %100
118	M105	Z	7.219	7.219	0 %100
119	M106A	X	-5.236	-5.236	0 %100
120	M106A	Z	9.069	9.069	0 %100
121	M107A	X	-5.236	-5.236	0 %100
122	M107A	Z	9.069	9.069	0 %100
123	M108C	X	-5.672	-5.672	0 %100
124	M108C	Z	9.825	9.825	0 %100
125	M109B	X	-5.672	-5.672	0 %100
126	M109B	Z	9.825	9.825	0 %100
127	M110B	X	0	0	0 %100
128	M110B	Z	0	0	0 %100
129	M111A	X	-2.758	-2.758	0 %100
130	M111A	Z	4.777	4.777	0 %100
131	M112A	X	-2.758	-2.758	0 %100
132	M112A	Z	4.777	4.777	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	-5.975	-5.975	0 %100
2	M1	Z	3.45	3.45	0 %100
3	M2	X	-5.975	-5.975	0 %100
4	M2	Z	3.45	3.45	0 %100
5	M3	X	-23.9	-23.9	0 %100
6	M3	Z	13.798	13.798	0 %100
7	M4	X	-23.9	-23.9	0 %100
8	M4	Z	13.798	13.798	0 %100
9	M5	X	-5.975	-5.975	0 %100
10	M5	Z	3.45	3.45	0 %100
11	M6	X	-5.975	-5.975	0 %100
12	M6	Z	3.45	3.45	0 %100
13	M7	X	-5.905	-5.905	0 %100
14	M7	Z	3.409	3.409	0 %100
15	M8	X	-23.62	-23.62	0 %100
16	M8	Z	13.637	13.637	0 %100
17	M9	X	-5.905	-5.905	0 %100
18	M9	Z	3.409	3.409	0 %100
19	M13	X	-1.35	-1.35	0 %100
20	M13	Z	.779	.779	0 %100
21	M14A	X	-.337	-.337	0 %100
22	M14A	Z	.195	.195	0 %100
23	M18	X	-.337	-.337	0 %100
24	M18	Z	.195	.195	0 %100
25	M25	X	-4.5	-4.5	0 %100
26	M25	Z	2.598	2.598	0 %100
27	M26	X	-4.5	-4.5	0 %100
28	M26	Z	2.598	2.598	0 %100
29	M27	X	-18	-18	0 %100
30	M27	Z	10.392	10.392	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, %]
31	M34	X	-1.35	-1.35	0 %100
32	M34	Z	.779	.779	0 %100
33	M42	X	-.337	-.337	0 %100
34	M42	Z	.195	.195	0 %100
35	M50	X	-.337	-.337	0 %100
36	M50	Z	.195	.195	0 %100
37	M52	X	-9.825	-9.825	0 %100
38	M52	Z	5.672	5.672	0 %100
39	M53	X	-9.825	-9.825	0 %100
40	M53	Z	5.672	5.672	0 %100
41	M54	X	-2.406	-2.406	0 %100
42	M54	Z	1.389	1.389	0 %100
43	M55	X	-9.825	-9.825	0 %100
44	M55	Z	5.672	5.672	0 %100
45	M56	X	-9.825	-9.825	0 %100
46	M56	Z	5.672	5.672	0 %100
47	M57	X	-6.207	-6.207	0 %100
48	M57	Z	3.584	3.584	0 %100
49	M58	X	-6.207	-6.207	0 %100
50	M58	Z	3.584	3.584	0 %100
51	M61	X	-9.625	-9.625	0 %100
52	M61	Z	5.557	5.557	0 %100
53	M62	X	-9.825	-9.825	0 %100
54	M62	Z	5.672	5.672	0 %100
55	M63	X	-9.825	-9.825	0 %100
56	M63	Z	5.672	5.672	0 %100
57	M68	X	-2.406	-2.406	0 %100
58	M68	Z	1.389	1.389	0 %100
59	M69	X	-9.825	-9.825	0 %100
60	M69	Z	5.672	5.672	0 %100
61	M70	X	-9.825	-9.825	0 %100
62	M70	Z	5.672	5.672	0 %100
63	MP1A	X	-8.55	-8.55	0 %100
64	MP1A	Z	4.936	4.936	0 %100
65	MP3A	X	-8.55	-8.55	0 %100
66	MP3A	Z	4.936	4.936	0 %100
67	MP4A	X	-8.55	-8.55	0 %100
68	MP4A	Z	4.936	4.936	0 %100
69	MP5A	X	-8.55	-8.55	0 %100
70	MP5A	Z	4.936	4.936	0 %100
71	MP1C	X	-8.55	-8.55	0 %100
72	MP1C	Z	4.936	4.936	0 %100
73	MP3C	X	-8.55	-8.55	0 %100
74	MP3C	Z	4.936	4.936	0 %100
75	MP4C	X	-8.55	-8.55	0 %100
76	MP4C	Z	4.936	4.936	0 %100
77	MP5C	X	-8.55	-8.55	0 %100
78	MP5C	Z	4.936	4.936	0 %100
79	MP1B	X	-8.55	-8.55	0 %100
80	MP1B	Z	4.936	4.936	0 %100
81	MP3B	X	-8.55	-8.55	0 %100
82	MP3B	Z	4.936	4.936	0 %100
83	MP4B	X	-8.55	-8.55	0 %100
84	MP4B	Z	4.936	4.936	0 %100
85	MP5B	X	-8.55	-8.55	0 %100
86	MP5B	Z	4.936	4.936	0 %100
87	MP2A	X	-8.55	-8.55	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, %]
88	MP2A	Z	4.936	4.936	0	%100
89	MP2C	X	-8.55	-8.55	0	%100
90	MP2C	Z	4.936	4.936	0	%100
91	MP2B	X	-8.55	-8.55	0	%100
92	MP2B	Z	4.936	4.936	0	%100
93	M106	X	-20.952	-20.952	0	%100
94	M106	Z	12.097	12.097	0	%100
95	M107	X	0	0	0	%100
96	M107	Z	0	0	0	%100
97	M108	X	-12	-12	0	%100
98	M108	Z	6.928	6.928	0	%100
99	M109	X	-12	-12	0	%100
100	M109	Z	6.928	6.928	0	%100
101	M110	X	0	0	0	%100
102	M110	Z	0	0	0	%100
103	M111	X	0	0	0	%100
104	M111	Z	0	0	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	0	0	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	0	0	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	0	0	0	%100
111	OVP	X	-7.458	-7.458	0	%100
112	OVP	Z	4.306	4.306	0	%100
113	M103A	X	-9.825	-9.825	0	%100
114	M103A	Z	5.672	5.672	0	%100
115	M104A	X	-9.825	-9.825	0	%100
116	M104A	Z	5.672	5.672	0	%100
117	M105	X	-9.625	-9.625	0	%100
118	M105	Z	5.557	5.557	0	%100
119	M106A	X	-10.5	-10.5	0	%100
120	M106A	Z	6.062	6.062	0	%100
121	M107A	X	-10.5	-10.5	0	%100
122	M107A	Z	6.062	6.062	0	%100
123	M108C	X	-9.825	-9.825	0	%100
124	M108C	Z	5.672	5.672	0	%100
125	M109B	X	-9.825	-9.825	0	%100
126	M109B	Z	5.672	5.672	0	%100
127	M110B	X	-2.406	-2.406	0	%100
128	M110B	Z	1.389	1.389	0	%100
129	M111A	X	-6.207	-6.207	0	%100
130	M111A	Z	3.584	3.584	0	%100
131	M112A	X	-6.207	-6.207	0	%100
132	M112A	Z	3.584	3.584	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	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-20.698	-20.698	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-20.698	-20.698	0	%100
8	M4	Z	0	0	0	%100



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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, %]
9	M5	X	-20.698	-20.698	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-20.698	-20.698	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-20.455	-20.455	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-20.455	-20.455	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-1.169	-1.169	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-1.169	-1.169	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M25	X	-15.588	-15.588	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-15.588	-15.588	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	-1.169	-1.169	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	-1.169	-1.169	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	0	0	0	%100
37	M52	X	-11.345	-11.345	0	%100
38	M52	Z	0	0	0	%100
39	M53	X	-11.345	-11.345	0	%100
40	M53	Z	0	0	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	-11.345	-11.345	0	%100
44	M55	Z	0	0	0	%100
45	M56	X	-11.345	-11.345	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	-5.516	-5.516	0	%100
48	M57	Z	0	0	0	%100
49	M58	X	-5.516	-5.516	0	%100
50	M58	Z	0	0	0	%100
51	M61	X	-8.335	-8.335	0	%100
52	M61	Z	0	0	0	%100
53	M62	X	-11.345	-11.345	0	%100
54	M62	Z	0	0	0	%100
55	M63	X	-11.345	-11.345	0	%100
56	M63	Z	0	0	0	%100
57	M68	X	-8.335	-8.335	0	%100
58	M68	Z	0	0	0	%100
59	M69	X	-11.345	-11.345	0	%100
60	M69	Z	0	0	0	%100
61	M70	X	-11.345	-11.345	0	%100
62	M70	Z	0	0	0	%100
63	MP1A	X	-9.873	-9.873	0	%100
64	MP1A	Z	0	0	0	%100
65	MP3A	X	-9.873	-9.873	0	%100



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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,%]	
66	MP3A	Z	0	0	0	%100
67	MP4A	X	-9.873	-9.873	0	%100
68	MP4A	Z	0	0	0	%100
69	MP5A	X	-9.873	-9.873	0	%100
70	MP5A	Z	0	0	0	%100
71	MP1C	X	-9.873	-9.873	0	%100
72	MP1C	Z	0	0	0	%100
73	MP3C	X	-9.873	-9.873	0	%100
74	MP3C	Z	0	0	0	%100
75	MP4C	X	-9.873	-9.873	0	%100
76	MP4C	Z	0	0	0	%100
77	MP5C	X	-9.873	-9.873	0	%100
78	MP5C	Z	0	0	0	%100
79	MP1B	X	-9.873	-9.873	0	%100
80	MP1B	Z	0	0	0	%100
81	MP3B	X	-9.873	-9.873	0	%100
82	MP3B	Z	0	0	0	%100
83	MP4B	X	-9.873	-9.873	0	%100
84	MP4B	Z	0	0	0	%100
85	MP5B	X	-9.873	-9.873	0	%100
86	MP5B	Z	0	0	0	%100
87	MP2A	X	-9.873	-9.873	0	%100
88	MP2A	Z	0	0	0	%100
89	MP2C	X	-9.873	-9.873	0	%100
90	MP2C	Z	0	0	0	%100
91	MP2B	X	-9.873	-9.873	0	%100
92	MP2B	Z	0	0	0	%100
93	M106	X	-18.145	-18.145	0	%100
94	M106	Z	0	0	0	%100
95	M107	X	-2.685	-2.685	0	%100
96	M107	Z	0	0	0	%100
97	M108	X	-13.856	-13.856	0	%100
98	M108	Z	0	0	0	%100
99	M109	X	-13.856	-13.856	0	%100
100	M109	Z	0	0	0	%100
101	M110	X	-.726	-.726	0	%100
102	M110	Z	0	0	0	%100
103	M111	X	-.726	-.726	0	%100
104	M111	Z	0	0	0	%100
105	M112	X	-.726	-.726	0	%100
106	M112	Z	0	0	0	%100
107	M113	X	-.726	-.726	0	%100
108	M113	Z	0	0	0	%100
109	M114	X	-.726	-.726	0	%100
110	M114	Z	0	0	0	%100
111	OVP	X	-8.612	-8.612	0	%100
112	OVP	Z	0	0	0	%100
113	M103A	X	-11.345	-11.345	0	%100
114	M103A	Z	0	0	0	%100
115	M104A	X	-11.345	-11.345	0	%100
116	M104A	Z	0	0	0	%100
117	M105	X	-8.335	-8.335	0	%100
118	M105	Z	0	0	0	%100
119	M106A	X	-10.472	-10.472	0	%100
120	M106A	Z	0	0	0	%100
121	M107A	X	-10.472	-10.472	0	%100
122	M107A	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, %]
123	M108C	X	-11.345	-11.345	0 %100
124	M108C	Z	0	0	0 %100
125	M109B	X	-11.345	-11.345	0 %100
126	M109B	Z	0	0	0 %100
127	M110B	X	-8.335	-8.335	0 %100
128	M110B	Z	0	0	0 %100
129	M111A	X	-10.472	-10.472	0 %100
130	M111A	Z	0	0	0 %100
131	M112A	X	-10.472	-10.472	0 %100
132	M112A	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	-5.975	-5.975	0 %100
2	M1	Z	-3.45	-3.45	0 %100
3	M2	X	-5.975	-5.975	0 %100
4	M2	Z	-3.45	-3.45	0 %100
5	M3	X	-5.975	-5.975	0 %100
6	M3	Z	-3.45	-3.45	0 %100
7	M4	X	-5.975	-5.975	0 %100
8	M4	Z	-3.45	-3.45	0 %100
9	M5	X	-23.9	-23.9	0 %100
10	M5	Z	-13.798	-13.798	0 %100
11	M6	X	-23.9	-23.9	0 %100
12	M6	Z	-13.798	-13.798	0 %100
13	M7	X	-5.905	-5.905	0 %100
14	M7	Z	-3.409	-3.409	0 %100
15	M8	X	-5.905	-5.905	0 %100
16	M8	Z	-3.409	-3.409	0 %100
17	M9	X	-23.62	-23.62	0 %100
18	M9	Z	-13.637	-13.637	0 %100
19	M13	X	-.337	-.337	0 %100
20	M13	Z	-.195	-.195	0 %100
21	M14A	X	-1.35	-1.35	0 %100
22	M14A	Z	-.779	-.779	0 %100
23	M18	X	-.337	-.337	0 %100
24	M18	Z	-.195	-.195	0 %100
25	M25	X	-18	-18	0 %100
26	M25	Z	-10.392	-10.392	0 %100
27	M26	X	-4.5	-4.5	0 %100
28	M26	Z	-2.598	-2.598	0 %100
29	M27	X	-4.5	-4.5	0 %100
30	M27	Z	-2.598	-2.598	0 %100
31	M34	X	-.337	-.337	0 %100
32	M34	Z	-.195	-.195	0 %100
33	M42	X	-1.35	-1.35	0 %100
34	M42	Z	-.779	-.779	0 %100
35	M50	X	-.337	-.337	0 %100
36	M50	Z	-.195	-.195	0 %100
37	M52	X	-9.825	-9.825	0 %100
38	M52	Z	-5.672	-5.672	0 %100
39	M53	X	-9.825	-9.825	0 %100
40	M53	Z	-5.672	-5.672	0 %100
41	M54	X	-2.406	-2.406	0 %100
42	M54	Z	-1.389	-1.389	0 %100
43	M55	X	-9.825	-9.825	0 %100



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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,%]
44	M55	Z	-5.672	-5.672	0 %100
45	M56	X	-9.825	-9.825	0 %100
46	M56	Z	-5.672	-5.672	0 %100
47	M57	X	-6.207	-6.207	0 %100
48	M57	Z	-3.584	-3.584	0 %100
49	M58	X	-6.207	-6.207	0 %100
50	M58	Z	-3.584	-3.584	0 %100
51	M61	X	-2.406	-2.406	0 %100
52	M61	Z	-1.389	-1.389	0 %100
53	M62	X	-9.825	-9.825	0 %100
54	M62	Z	-5.672	-5.672	0 %100
55	M63	X	-9.825	-9.825	0 %100
56	M63	Z	-5.672	-5.672	0 %100
57	M68	X	-9.625	-9.625	0 %100
58	M68	Z	-5.557	-5.557	0 %100
59	M69	X	-9.825	-9.825	0 %100
60	M69	Z	-5.672	-5.672	0 %100
61	M70	X	-9.825	-9.825	0 %100
62	M70	Z	-5.672	-5.672	0 %100
63	MP1A	X	-8.55	-8.55	0 %100
64	MP1A	Z	-4.936	-4.936	0 %100
65	MP3A	X	-8.55	-8.55	0 %100
66	MP3A	Z	-4.936	-4.936	0 %100
67	MP4A	X	-8.55	-8.55	0 %100
68	MP4A	Z	-4.936	-4.936	0 %100
69	MP5A	X	-8.55	-8.55	0 %100
70	MP5A	Z	-4.936	-4.936	0 %100
71	MP1C	X	-8.55	-8.55	0 %100
72	MP1C	Z	-4.936	-4.936	0 %100
73	MP3C	X	-8.55	-8.55	0 %100
74	MP3C	Z	-4.936	-4.936	0 %100
75	MP4C	X	-8.55	-8.55	0 %100
76	MP4C	Z	-4.936	-4.936	0 %100
77	MP5C	X	-8.55	-8.55	0 %100
78	MP5C	Z	-4.936	-4.936	0 %100
79	MP1B	X	-8.55	-8.55	0 %100
80	MP1B	Z	-4.936	-4.936	0 %100
81	MP3B	X	-8.55	-8.55	0 %100
82	MP3B	Z	-4.936	-4.936	0 %100
83	MP4B	X	-8.55	-8.55	0 %100
84	MP4B	Z	-4.936	-4.936	0 %100
85	MP5B	X	-8.55	-8.55	0 %100
86	MP5B	Z	-4.936	-4.936	0 %100
87	MP2A	X	-8.55	-8.55	0 %100
88	MP2A	Z	-4.936	-4.936	0 %100
89	MP2C	X	-8.55	-8.55	0 %100
90	MP2C	Z	-4.936	-4.936	0 %100
91	MP2B	X	-8.55	-8.55	0 %100
92	MP2B	Z	-4.936	-4.936	0 %100
93	M106	X	-5.238	-5.238	0 %100
94	M106	Z	-3.024	-3.024	0 %100
95	M107	X	-6.975	-6.975	0 %100
96	M107	Z	-4.027	-4.027	0 %100
97	M108	X	-12	-12	0 %100
98	M108	Z	-6.928	-6.928	0 %100
99	M109	X	-12	-12	0 %100
100	M109	Z	-6.928	-6.928	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, %]
101	M110	X	-1.887	-1.887	0	%100
102	M110	Z	-1.09	-1.09	0	%100
103	M111	X	-1.887	-1.887	0	%100
104	M111	Z	-1.09	-1.09	0	%100
105	M112	X	-1.887	-1.887	0	%100
106	M112	Z	-1.09	-1.09	0	%100
107	M113	X	-1.887	-1.887	0	%100
108	M113	Z	-1.09	-1.09	0	%100
109	M114	X	-1.887	-1.887	0	%100
110	M114	Z	-1.09	-1.09	0	%100
111	OVP	X	-7.458	-7.458	0	%100
112	OVP	Z	-4.306	-4.306	0	%100
113	M103A	X	-9.825	-9.825	0	%100
114	M103A	Z	-5.672	-5.672	0	%100
115	M104A	X	-9.825	-9.825	0	%100
116	M104A	Z	-5.672	-5.672	0	%100
117	M105	X	-2.406	-2.406	0	%100
118	M105	Z	-1.389	-1.389	0	%100
119	M106A	X	-6.207	-6.207	0	%100
120	M106A	Z	-3.584	-3.584	0	%100
121	M107A	X	-6.207	-6.207	0	%100
122	M107A	Z	-3.584	-3.584	0	%100
123	M108C	X	-9.825	-9.825	0	%100
124	M108C	Z	-5.672	-5.672	0	%100
125	M109B	X	-9.825	-9.825	0	%100
126	M109B	Z	-5.672	-5.672	0	%100
127	M110B	X	-9.625	-9.625	0	%100
128	M110B	Z	-5.557	-5.557	0	%100
129	M111A	X	-10.5	-10.5	0	%100
130	M111A	Z	-6.062	-6.062	0	%100
131	M112A	X	-10.5	-10.5	0	%100
132	M112A	Z	-6.062	-6.062	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	-10.349	-10.349	0	%100
2	M1	Z	-17.925	-17.925	0	%100
3	M2	X	-10.349	-10.349	0	%100
4	M2	Z	-17.925	-17.925	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-10.349	-10.349	0	%100
10	M5	Z	-17.925	-17.925	0	%100
11	M6	X	-10.349	-10.349	0	%100
12	M6	Z	-17.925	-17.925	0	%100
13	M7	X	-10.228	-10.228	0	%100
14	M7	Z	-17.715	-17.715	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-10.228	-10.228	0	%100
18	M9	Z	-17.715	-17.715	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-5.85	-5.85	0	%100



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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,%]
22	M14A	Z	-1.012	-1.012	0	%100
23	M18	X	-.585	-.585	0	%100
24	M18	Z	-1.012	-1.012	0	%100
25	M25	X	-7.794	-7.794	0	%100
26	M25	Z	-13.5	-13.5	0	%100
27	M26	X	-7.794	-7.794	0	%100
28	M26	Z	-13.5	-13.5	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	-.585	-.585	0	%100
34	M42	Z	-1.012	-1.012	0	%100
35	M50	X	-.585	-.585	0	%100
36	M50	Z	-1.012	-1.012	0	%100
37	M52	X	-5.672	-5.672	0	%100
38	M52	Z	-9.825	-9.825	0	%100
39	M53	X	-5.672	-5.672	0	%100
40	M53	Z	-9.825	-9.825	0	%100
41	M54	X	-4.168	-4.168	0	%100
42	M54	Z	-7.219	-7.219	0	%100
43	M55	X	-5.672	-5.672	0	%100
44	M55	Z	-9.825	-9.825	0	%100
45	M56	X	-5.672	-5.672	0	%100
46	M56	Z	-9.825	-9.825	0	%100
47	M57	X	-5.236	-5.236	0	%100
48	M57	Z	-9.069	-9.069	0	%100
49	M58	X	-5.236	-5.236	0	%100
50	M58	Z	-9.069	-9.069	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	M62	X	-5.672	-5.672	0	%100
54	M62	Z	-9.825	-9.825	0	%100
55	M63	X	-5.672	-5.672	0	%100
56	M63	Z	-9.825	-9.825	0	%100
57	M68	X	-4.168	-4.168	0	%100
58	M68	Z	-7.219	-7.219	0	%100
59	M69	X	-5.672	-5.672	0	%100
60	M69	Z	-9.825	-9.825	0	%100
61	M70	X	-5.672	-5.672	0	%100
62	M70	Z	-9.825	-9.825	0	%100
63	MP1A	X	-4.936	-4.936	0	%100
64	MP1A	Z	-8.55	-8.55	0	%100
65	MP3A	X	-4.936	-4.936	0	%100
66	MP3A	Z	-8.55	-8.55	0	%100
67	MP4A	X	-4.936	-4.936	0	%100
68	MP4A	Z	-8.55	-8.55	0	%100
69	MP5A	X	-4.936	-4.936	0	%100
70	MP5A	Z	-8.55	-8.55	0	%100
71	MP1C	X	-4.936	-4.936	0	%100
72	MP1C	Z	-8.55	-8.55	0	%100
73	MP3C	X	-4.936	-4.936	0	%100
74	MP3C	Z	-8.55	-8.55	0	%100
75	MP4C	X	-4.936	-4.936	0	%100
76	MP4C	Z	-8.55	-8.55	0	%100
77	MP5C	X	-4.936	-4.936	0	%100
78	MP5C	Z	-8.55	-8.55	0	%100



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 Designer : AE
 Job Number : Project No. 10207613
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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, %]
79	MP1B	X	-4.936	-4.936	0 %100
80	MP1B	Z	-8.55	-8.55	0 %100
81	MP3B	X	-4.936	-4.936	0 %100
82	MP3B	Z	-8.55	-8.55	0 %100
83	MP4B	X	-4.936	-4.936	0 %100
84	MP4B	Z	-8.55	-8.55	0 %100
85	MP5B	X	-4.936	-4.936	0 %100
86	MP5B	Z	-8.55	-8.55	0 %100
87	MP2A	X	-4.936	-4.936	0 %100
88	MP2A	Z	-8.55	-8.55	0 %100
89	MP2C	X	-4.936	-4.936	0 %100
90	MP2C	Z	-8.55	-8.55	0 %100
91	MP2B	X	-4.936	-4.936	0 %100
92	MP2B	Z	-8.55	-8.55	0 %100
93	M106	X	0	0	0 %100
94	M106	Z	0	0	0 %100
95	M107	X	-5.369	-5.369	0 %100
96	M107	Z	-9.3	-9.3	0 %100
97	M108	X	-6.928	-6.928	0 %100
98	M108	Z	-12	-12	0 %100
99	M109	X	-6.928	-6.928	0 %100
100	M109	Z	-12	-12	0 %100
101	M110	X	-1.453	-1.453	0 %100
102	M110	Z	-2.517	-2.517	0 %100
103	M111	X	-1.453	-1.453	0 %100
104	M111	Z	-2.517	-2.517	0 %100
105	M112	X	-1.453	-1.453	0 %100
106	M112	Z	-2.517	-2.517	0 %100
107	M113	X	-1.453	-1.453	0 %100
108	M113	Z	-2.517	-2.517	0 %100
109	M114	X	-1.453	-1.453	0 %100
110	M114	Z	-2.517	-2.517	0 %100
111	OVP	X	-4.306	-4.306	0 %100
112	OVP	Z	-7.458	-7.458	0 %100
113	M103A	X	-5.672	-5.672	0 %100
114	M103A	Z	-9.825	-9.825	0 %100
115	M104A	X	-5.672	-5.672	0 %100
116	M104A	Z	-9.825	-9.825	0 %100
117	M105	X	0	0	0 %100
118	M105	Z	0	0	0 %100
119	M106A	X	-2.758	-2.758	0 %100
120	M106A	Z	-4.777	-4.777	0 %100
121	M107A	X	-2.758	-2.758	0 %100
122	M107A	Z	-4.777	-4.777	0 %100
123	M108C	X	-5.672	-5.672	0 %100
124	M108C	Z	-9.825	-9.825	0 %100
125	M109B	X	-5.672	-5.672	0 %100
126	M109B	Z	-9.825	-9.825	0 %100
127	M110B	X	-4.168	-4.168	0 %100
128	M110B	Z	-7.219	-7.219	0 %100
129	M111A	X	-5.236	-5.236	0 %100
130	M111A	Z	-9.069	-9.069	0 %100
131	M112A	X	-5.236	-5.236	0 %100
132	M112A	Z	-9.069	-9.069	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, %]
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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, %]
1	M1	X	0	0	0	%100
2	M1	Z	-6.987	-6.987	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-6.987	-6.987	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.747	-1.747	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-1.747	-1.747	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-1.747	-1.747	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-1.747	-1.747	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-6.893	-6.893	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-1.723	-1.723	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-1.723	-1.723	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.432	-.432	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.432	-.432	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-1.727	-1.727	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	-1.526	-1.526	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-6.104	-6.104	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-1.526	-1.526	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	-.432	-.432	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	-.432	-.432	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	-1.727	-1.727	0	%100
37	M52	X	0	0	0	%100
38	M52	Z	-3.805	-3.805	0	%100
39	M53	X	0	0	0	%100
40	M53	Z	-3.805	-3.805	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	-3.738	-3.738	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	-3.805	-3.805	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	-3.805	-3.805	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	-4.178	-4.178	0	%100
49	M58	X	0	0	0	%100
50	M58	Z	-4.178	-4.178	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	-.934	-.934	0	%100
53	M62	X	0	0	0	%100
54	M62	Z	-3.805	-3.805	0	%100
55	M63	X	0	0	0	%100
56	M63	Z	-3.805	-3.805	0	%100
57	M68	X	0	0	0	%100



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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,%]
58	M68	Z	-0.934	-0.934	0 %100
59	M69	X	0	0	0 %100
60	M69	Z	-3.805	-3.805	0 %100
61	M70	X	0	0	0 %100
62	M70	Z	-3.805	-3.805	0 %100
63	MP1A	X	0	0	0 %100
64	MP1A	Z	-4.124	-4.124	0 %100
65	MP3A	X	0	0	0 %100
66	MP3A	Z	-4.124	-4.124	0 %100
67	MP4A	X	0	0	0 %100
68	MP4A	Z	-4.124	-4.124	0 %100
69	MP5A	X	0	0	0 %100
70	MP5A	Z	-4.124	-4.124	0 %100
71	MP1C	X	0	0	0 %100
72	MP1C	Z	-4.124	-4.124	0 %100
73	MP3C	X	0	0	0 %100
74	MP3C	Z	-4.124	-4.124	0 %100
75	MP4C	X	0	0	0 %100
76	MP4C	Z	-4.124	-4.124	0 %100
77	MP5C	X	0	0	0 %100
78	MP5C	Z	-4.124	-4.124	0 %100
79	MP1B	X	0	0	0 %100
80	MP1B	Z	-4.124	-4.124	0 %100
81	MP3B	X	0	0	0 %100
82	MP3B	Z	-4.124	-4.124	0 %100
83	MP4B	X	0	0	0 %100
84	MP4B	Z	-4.124	-4.124	0 %100
85	MP5B	X	0	0	0 %100
86	MP5B	Z	-4.124	-4.124	0 %100
87	MP2A	X	0	0	0 %100
88	MP2A	Z	-4.017	-4.017	0 %100
89	MP2C	X	0	0	0 %100
90	MP2C	Z	-4.017	-4.017	0 %100
91	MP2B	X	0	0	0 %100
92	MP2B	Z	-4.017	-4.017	0 %100
93	M106	X	0	0	0 %100
94	M106	Z	-1.501	-1.501	0 %100
95	M107	X	0	0	0 %100
96	M107	Z	-2.634	-2.634	0 %100
97	M108	X	0	0	0 %100
98	M108	Z	-4.548	-4.548	0 %100
99	M109	X	0	0	0 %100
100	M109	Z	-4.548	-4.548	0 %100
101	M110	X	0	0	0 %100
102	M110	Z	-1.544	-1.544	0 %100
103	M111	X	0	0	0 %100
104	M111	Z	-1.544	-1.544	0 %100
105	M112	X	0	0	0 %100
106	M112	Z	-1.544	-1.544	0 %100
107	M113	X	0	0	0 %100
108	M113	Z	-1.544	-1.544	0 %100
109	M114	X	0	0	0 %100
110	M114	Z	-1.544	-1.544	0 %100
111	OVP	X	0	0	0 %100
112	OVP	Z	-3.41	-3.41	0 %100
113	M103A	X	0	0	0 %100
114	M103A	Z	-3.805	-3.805	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, %]
115	M104A	X	0	0	0	%100
116	M104A	Z	-3.805	-3.805	0	%100
117	M105	X	0	0	0	%100
118	M105	Z	-.934	-.934	0	%100
119	M106A	X	0	0	0	%100
120	M106A	Z	-2.47	-2.47	0	%100
121	M107A	X	0	0	0	%100
122	M107A	Z	-2.47	-2.47	0	%100
123	M108C	X	0	0	0	%100
124	M108C	Z	-3.805	-3.805	0	%100
125	M109B	X	0	0	0	%100
126	M109B	Z	-3.805	-3.805	0	%100
127	M110B	X	0	0	0	%100
128	M110B	Z	-.934	-.934	0	%100
129	M111A	X	0	0	0	%100
130	M111A	Z	-2.47	-2.47	0	%100
131	M112A	X	0	0	0	%100
132	M112A	Z	-2.47	-2.47	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	2.62	2.62	0	%100
2	M1	Z	-4.538	-4.538	0	%100
3	M2	X	2.62	2.62	0	%100
4	M2	Z	-4.538	-4.538	0	%100
5	M3	X	2.62	2.62	0	%100
6	M3	Z	-4.538	-4.538	0	%100
7	M4	X	2.62	2.62	0	%100
8	M4	Z	-4.538	-4.538	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	2.585	2.585	0	%100
14	M7	Z	-4.477	-4.477	0	%100
15	M8	X	2.585	2.585	0	%100
16	M8	Z	-4.477	-4.477	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.648	.648	0	%100
20	M13	Z	-1.122	-1.122	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.648	.648	0	%100
24	M18	Z	-1.122	-1.122	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	2.289	2.289	0	%100
28	M26	Z	-3.965	-3.965	0	%100
29	M27	X	2.289	2.289	0	%100
30	M27	Z	-3.965	-3.965	0	%100
31	M34	X	.648	.648	0	%100
32	M34	Z	-1.122	-1.122	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	.648	.648	0	%100



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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,%]
36	M50	Z	-1.122	-1.122	0 %100
37	M52	X	1.902	1.902	0 %100
38	M52	Z	-3.295	-3.295	0 %100
39	M53	X	1.902	1.902	0 %100
40	M53	Z	-3.295	-3.295	0 %100
41	M54	X	1.402	1.402	0 %100
42	M54	Z	-2.428	-2.428	0 %100
43	M55	X	1.902	1.902	0 %100
44	M55	Z	-3.295	-3.295	0 %100
45	M56	X	1.902	1.902	0 %100
46	M56	Z	-3.295	-3.295	0 %100
47	M57	X	1.805	1.805	0 %100
48	M57	Z	-3.126	-3.126	0 %100
49	M58	X	1.805	1.805	0 %100
50	M58	Z	-3.126	-3.126	0 %100
51	M61	X	1.402	1.402	0 %100
52	M61	Z	-2.428	-2.428	0 %100
53	M62	X	1.902	1.902	0 %100
54	M62	Z	-3.295	-3.295	0 %100
55	M63	X	1.902	1.902	0 %100
56	M63	Z	-3.295	-3.295	0 %100
57	M68	X	0	0	0 %100
58	M68	Z	0	0	0 %100
59	M69	X	1.902	1.902	0 %100
60	M69	Z	-3.295	-3.295	0 %100
61	M70	X	1.902	1.902	0 %100
62	M70	Z	-3.295	-3.295	0 %100
63	MP1A	X	2.062	2.062	0 %100
64	MP1A	Z	-3.571	-3.571	0 %100
65	MP3A	X	2.062	2.062	0 %100
66	MP3A	Z	-3.571	-3.571	0 %100
67	MP4A	X	2.062	2.062	0 %100
68	MP4A	Z	-3.571	-3.571	0 %100
69	MP5A	X	2.062	2.062	0 %100
70	MP5A	Z	-3.571	-3.571	0 %100
71	MP1C	X	2.062	2.062	0 %100
72	MP1C	Z	-3.571	-3.571	0 %100
73	MP3C	X	2.062	2.062	0 %100
74	MP3C	Z	-3.571	-3.571	0 %100
75	MP4C	X	2.062	2.062	0 %100
76	MP4C	Z	-3.571	-3.571	0 %100
77	MP5C	X	2.062	2.062	0 %100
78	MP5C	Z	-3.571	-3.571	0 %100
79	MP1B	X	2.062	2.062	0 %100
80	MP1B	Z	-3.571	-3.571	0 %100
81	MP3B	X	2.062	2.062	0 %100
82	MP3B	Z	-3.571	-3.571	0 %100
83	MP4B	X	2.062	2.062	0 %100
84	MP4B	Z	-3.571	-3.571	0 %100
85	MP5B	X	2.062	2.062	0 %100
86	MP5B	Z	-3.571	-3.571	0 %100
87	MP2A	X	2.008	2.008	0 %100
88	MP2A	Z	-3.479	-3.479	0 %100
89	MP2C	X	2.008	2.008	0 %100
90	MP2C	Z	-3.479	-3.479	0 %100
91	MP2B	X	2.008	2.008	0 %100
92	MP2B	Z	-3.479	-3.479	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, %]
93	M106	X	2.251	2.251	0	%100
94	M106	Z	-3.899	-3.899	0	%100
95	M107	X	.439	.439	0	%100
96	M107	Z	-.76	-.76	0	%100
97	M108	X	2.274	2.274	0	%100
98	M108	Z	-3.939	-3.939	0	%100
99	M109	X	2.274	2.274	0	%100
100	M109	Z	-3.939	-3.939	0	%100
101	M110	X	.257	.257	0	%100
102	M110	Z	-.446	-.446	0	%100
103	M111	X	.257	.257	0	%100
104	M111	Z	-.446	-.446	0	%100
105	M112	X	.257	.257	0	%100
106	M112	Z	-.446	-.446	0	%100
107	M113	X	.257	.257	0	%100
108	M113	Z	-.446	-.446	0	%100
109	M114	X	.257	.257	0	%100
110	M114	Z	-.446	-.446	0	%100
111	OVP	X	1.705	1.705	0	%100
112	OVP	Z	-2.953	-2.953	0	%100
113	M103A	X	1.902	1.902	0	%100
114	M103A	Z	-3.295	-3.295	0	%100
115	M104A	X	1.902	1.902	0	%100
116	M104A	Z	-3.295	-3.295	0	%100
117	M105	X	1.402	1.402	0	%100
118	M105	Z	-2.428	-2.428	0	%100
119	M106A	X	1.805	1.805	0	%100
120	M106A	Z	-3.126	-3.126	0	%100
121	M107A	X	1.805	1.805	0	%100
122	M107A	Z	-3.126	-3.126	0	%100
123	M108C	X	1.902	1.902	0	%100
124	M108C	Z	-3.295	-3.295	0	%100
125	M109B	X	1.902	1.902	0	%100
126	M109B	Z	-3.295	-3.295	0	%100
127	M110B	X	0	0	0	%100
128	M110B	Z	0	0	0	%100
129	M111A	X	.95	.95	0	%100
130	M111A	Z	-1.646	-1.646	0	%100
131	M112A	X	.95	.95	0	%100
132	M112A	Z	-1.646	-1.646	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	1.513	1.513	0	%100
2	M1	Z	-.873	-.873	0	%100
3	M2	X	1.513	1.513	0	%100
4	M2	Z	-.873	-.873	0	%100
5	M3	X	6.051	6.051	0	%100
6	M3	Z	-3.493	-3.493	0	%100
7	M4	X	6.051	6.051	0	%100
8	M4	Z	-3.493	-3.493	0	%100
9	M5	X	1.513	1.513	0	%100
10	M5	Z	-.873	-.873	0	%100
11	M6	X	1.513	1.513	0	%100
12	M6	Z	-.873	-.873	0	%100
13	M7	X	1.492	1.492	0	%100



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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,%]
14	M7	Z	- .862	- .862	0	%100
15	M8	X	5.97	5.97	0	%100
16	M8	Z	-3.447	-3.447	0	%100
17	M9	X	1.492	1.492	0	%100
18	M9	Z	- .862	- .862	0	%100
19	M13	X	1.495	1.495	0	%100
20	M13	Z	- .863	- .863	0	%100
21	M14A	X	.374	.374	0	%100
22	M14A	Z	- .216	- .216	0	%100
23	M18	X	.374	.374	0	%100
24	M18	Z	- .216	- .216	0	%100
25	M25	X	1.322	1.322	0	%100
26	M25	Z	- .763	- .763	0	%100
27	M26	X	1.322	1.322	0	%100
28	M26	Z	- .763	- .763	0	%100
29	M27	X	5.287	5.287	0	%100
30	M27	Z	-3.052	-3.052	0	%100
31	M34	X	1.495	1.495	0	%100
32	M34	Z	- .863	- .863	0	%100
33	M42	X	.374	.374	0	%100
34	M42	Z	- .216	- .216	0	%100
35	M50	X	.374	.374	0	%100
36	M50	Z	- .216	- .216	0	%100
37	M52	X	3.295	3.295	0	%100
38	M52	Z	-1.902	-1.902	0	%100
39	M53	X	3.295	3.295	0	%100
40	M53	Z	-1.902	-1.902	0	%100
41	M54	X	.809	.809	0	%100
42	M54	Z	- .467	- .467	0	%100
43	M55	X	3.295	3.295	0	%100
44	M55	Z	-1.902	-1.902	0	%100
45	M56	X	3.295	3.295	0	%100
46	M56	Z	-1.902	-1.902	0	%100
47	M57	X	2.139	2.139	0	%100
48	M57	Z	-1.235	-1.235	0	%100
49	M58	X	2.139	2.139	0	%100
50	M58	Z	-1.235	-1.235	0	%100
51	M61	X	3.237	3.237	0	%100
52	M61	Z	-1.869	-1.869	0	%100
53	M62	X	3.295	3.295	0	%100
54	M62	Z	-1.902	-1.902	0	%100
55	M63	X	3.295	3.295	0	%100
56	M63	Z	-1.902	-1.902	0	%100
57	M68	X	.809	.809	0	%100
58	M68	Z	- .467	- .467	0	%100
59	M69	X	3.295	3.295	0	%100
60	M69	Z	-1.902	-1.902	0	%100
61	M70	X	3.295	3.295	0	%100
62	M70	Z	-1.902	-1.902	0	%100
63	MP1A	X	3.571	3.571	0	%100
64	MP1A	Z	-2.062	-2.062	0	%100
65	MP3A	X	3.571	3.571	0	%100
66	MP3A	Z	-2.062	-2.062	0	%100
67	MP4A	X	3.571	3.571	0	%100
68	MP4A	Z	-2.062	-2.062	0	%100
69	MP5A	X	3.571	3.571	0	%100
70	MP5A	Z	-2.062	-2.062	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, %]
71	MP1C	X	3.571	3.571	0 %100
72	MP1C	Z	-2.062	-2.062	0 %100
73	MP3C	X	3.571	3.571	0 %100
74	MP3C	Z	-2.062	-2.062	0 %100
75	MP4C	X	3.571	3.571	0 %100
76	MP4C	Z	-2.062	-2.062	0 %100
77	MP5C	X	3.571	3.571	0 %100
78	MP5C	Z	-2.062	-2.062	0 %100
79	MP1B	X	3.571	3.571	0 %100
80	MP1B	Z	-2.062	-2.062	0 %100
81	MP3B	X	3.571	3.571	0 %100
82	MP3B	Z	-2.062	-2.062	0 %100
83	MP4B	X	3.571	3.571	0 %100
84	MP4B	Z	-2.062	-2.062	0 %100
85	MP5B	X	3.571	3.571	0 %100
86	MP5B	Z	-2.062	-2.062	0 %100
87	MP2A	X	3.479	3.479	0 %100
88	MP2A	Z	-2.008	-2.008	0 %100
89	MP2C	X	3.479	3.479	0 %100
90	MP2C	Z	-2.008	-2.008	0 %100
91	MP2B	X	3.479	3.479	0 %100
92	MP2B	Z	-2.008	-2.008	0 %100
93	M106	X	5.199	5.199	0 %100
94	M106	Z	-3.002	-3.002	0 %100
95	M107	X	0	0	0 %100
96	M107	Z	0	0	0 %100
97	M108	X	3.939	3.939	0 %100
98	M108	Z	-2.274	-2.274	0 %100
99	M109	X	3.939	3.939	0 %100
100	M109	Z	-2.274	-2.274	0 %100
101	M110	X	0	0	0 %100
102	M110	Z	0	0	0 %100
103	M111	X	0	0	0 %100
104	M111	Z	0	0	0 %100
105	M112	X	0	0	0 %100
106	M112	Z	0	0	0 %100
107	M113	X	0	0	0 %100
108	M113	Z	0	0	0 %100
109	M114	X	0	0	0 %100
110	M114	Z	0	0	0 %100
111	OVP	X	2.953	2.953	0 %100
112	OVP	Z	-1.705	-1.705	0 %100
113	M103A	X	3.295	3.295	0 %100
114	M103A	Z	-1.902	-1.902	0 %100
115	M104A	X	3.295	3.295	0 %100
116	M104A	Z	-1.902	-1.902	0 %100
117	M105	X	3.237	3.237	0 %100
118	M105	Z	-1.869	-1.869	0 %100
119	M106A	X	3.619	3.619	0 %100
120	M106A	Z	-2.089	-2.089	0 %100
121	M107A	X	3.619	3.619	0 %100
122	M107A	Z	-2.089	-2.089	0 %100
123	M108C	X	3.295	3.295	0 %100
124	M108C	Z	-1.902	-1.902	0 %100
125	M109B	X	3.295	3.295	0 %100
126	M109B	Z	-1.902	-1.902	0 %100
127	M110B	X	.809	.809	0 %100



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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, %]
128	M110B	Z	-467	-467	0	%100
129	M111A	X	2.139	2.139	0	%100
130	M111A	Z	-1.235	-1.235	0	%100
131	M112A	X	2.139	2.139	0	%100
132	M112A	Z	-1.235	-1.235	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	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	5.24	5.24	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	5.24	5.24	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	5.24	5.24	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	5.24	5.24	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	5.17	5.17	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	5.17	5.17	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	1.295	1.295	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	1.295	1.295	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M25	X	4.578	4.578	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	4.578	4.578	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	1.295	1.295	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	1.295	1.295	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	0	0	0	%100
37	M52	X	3.805	3.805	0	%100
38	M52	Z	0	0	0	%100
39	M53	X	3.805	3.805	0	%100
40	M53	Z	0	0	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	3.805	3.805	0	%100
44	M55	Z	0	0	0	%100
45	M56	X	3.805	3.805	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	1.901	1.901	0	%100
48	M57	Z	0	0	0	%100



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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, %]
49	M58	X	1.901	1.901	0 %100
50	M58	Z	0	0	0 %100
51	M61	X	2.803	2.803	0 %100
52	M61	Z	0	0	0 %100
53	M62	X	3.805	3.805	0 %100
54	M62	Z	0	0	0 %100
55	M63	X	3.805	3.805	0 %100
56	M63	Z	0	0	0 %100
57	M68	X	2.803	2.803	0 %100
58	M68	Z	0	0	0 %100
59	M69	X	3.805	3.805	0 %100
60	M69	Z	0	0	0 %100
61	M70	X	3.805	3.805	0 %100
62	M70	Z	0	0	0 %100
63	MP1A	X	4.124	4.124	0 %100
64	MP1A	Z	0	0	0 %100
65	MP3A	X	4.124	4.124	0 %100
66	MP3A	Z	0	0	0 %100
67	MP4A	X	4.124	4.124	0 %100
68	MP4A	Z	0	0	0 %100
69	MP5A	X	4.124	4.124	0 %100
70	MP5A	Z	0	0	0 %100
71	MP1C	X	4.124	4.124	0 %100
72	MP1C	Z	0	0	0 %100
73	MP3C	X	4.124	4.124	0 %100
74	MP3C	Z	0	0	0 %100
75	MP4C	X	4.124	4.124	0 %100
76	MP4C	Z	0	0	0 %100
77	MP5C	X	4.124	4.124	0 %100
78	MP5C	Z	0	0	0 %100
79	MP1B	X	4.124	4.124	0 %100
80	MP1B	Z	0	0	0 %100
81	MP3B	X	4.124	4.124	0 %100
82	MP3B	Z	0	0	0 %100
83	MP4B	X	4.124	4.124	0 %100
84	MP4B	Z	0	0	0 %100
85	MP5B	X	4.124	4.124	0 %100
86	MP5B	Z	0	0	0 %100
87	MP2A	X	4.017	4.017	0 %100
88	MP2A	Z	0	0	0 %100
89	MP2C	X	4.017	4.017	0 %100
90	MP2C	Z	0	0	0 %100
91	MP2B	X	4.017	4.017	0 %100
92	MP2B	Z	0	0	0 %100
93	M106	X	4.503	4.503	0 %100
94	M106	Z	0	0	0 %100
95	M107	X	.878	.878	0 %100
96	M107	Z	0	0	0 %100
97	M108	X	4.548	4.548	0 %100
98	M108	Z	0	0	0 %100
99	M109	X	4.548	4.548	0 %100
100	M109	Z	0	0	0 %100
101	M110	X	.515	.515	0 %100
102	M110	Z	0	0	0 %100
103	M111	X	.515	.515	0 %100
104	M111	Z	0	0	0 %100
105	M112	X	.515	.515	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, %]
106	M112	Z	0	0	0	%100
107	M113	X	.515	.515	0	%100
108	M113	Z	0	0	0	%100
109	M114	X	.515	.515	0	%100
110	M114	Z	0	0	0	%100
111	OVP	X	3.41	3.41	0	%100
112	OVP	Z	0	0	0	%100
113	M103A	X	3.805	3.805	0	%100
114	M103A	Z	0	0	0	%100
115	M104A	X	3.805	3.805	0	%100
116	M104A	Z	0	0	0	%100
117	M105	X	2.803	2.803	0	%100
118	M105	Z	0	0	0	%100
119	M106A	X	3.609	3.609	0	%100
120	M106A	Z	0	0	0	%100
121	M107A	X	3.609	3.609	0	%100
122	M107A	Z	0	0	0	%100
123	M108C	X	3.805	3.805	0	%100
124	M108C	Z	0	0	0	%100
125	M109B	X	3.805	3.805	0	%100
126	M109B	Z	0	0	0	%100
127	M110B	X	2.803	2.803	0	%100
128	M110B	Z	0	0	0	%100
129	M111A	X	3.609	3.609	0	%100
130	M111A	Z	0	0	0	%100
131	M112A	X	3.609	3.609	0	%100
132	M112A	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	1.513	1.513	0	%100
2	M1	Z	.873	.873	0	%100
3	M2	X	1.513	1.513	0	%100
4	M2	Z	.873	.873	0	%100
5	M3	X	1.513	1.513	0	%100
6	M3	Z	.873	.873	0	%100
7	M4	X	1.513	1.513	0	%100
8	M4	Z	.873	.873	0	%100
9	M5	X	6.051	6.051	0	%100
10	M5	Z	3.493	3.493	0	%100
11	M6	X	6.051	6.051	0	%100
12	M6	Z	3.493	3.493	0	%100
13	M7	X	1.492	1.492	0	%100
14	M7	Z	.862	.862	0	%100
15	M8	X	1.492	1.492	0	%100
16	M8	Z	.862	.862	0	%100
17	M9	X	5.97	5.97	0	%100
18	M9	Z	3.447	3.447	0	%100
19	M13	X	.374	.374	0	%100
20	M13	Z	.216	.216	0	%100
21	M14A	X	1.495	1.495	0	%100
22	M14A	Z	.863	.863	0	%100
23	M18	X	.374	.374	0	%100
24	M18	Z	.216	.216	0	%100
25	M25	X	5.287	5.287	0	%100
26	M25	Z	3.052	3.052	0	%100



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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, %]
27	M26	X	1.322	1.322	0	%100
28	M26	Z	.763	.763	0	%100
29	M27	X	1.322	1.322	0	%100
30	M27	Z	.763	.763	0	%100
31	M34	X	.374	.374	0	%100
32	M34	Z	.216	.216	0	%100
33	M42	X	1.495	1.495	0	%100
34	M42	Z	.863	.863	0	%100
35	M50	X	.374	.374	0	%100
36	M50	Z	.216	.216	0	%100
37	M52	X	3.295	3.295	0	%100
38	M52	Z	1.902	1.902	0	%100
39	M53	X	3.295	3.295	0	%100
40	M53	Z	1.902	1.902	0	%100
41	M54	X	.809	.809	0	%100
42	M54	Z	.467	.467	0	%100
43	M55	X	3.295	3.295	0	%100
44	M55	Z	1.902	1.902	0	%100
45	M56	X	3.295	3.295	0	%100
46	M56	Z	1.902	1.902	0	%100
47	M57	X	2.139	2.139	0	%100
48	M57	Z	1.235	1.235	0	%100
49	M58	X	2.139	2.139	0	%100
50	M58	Z	1.235	1.235	0	%100
51	M61	X	.809	.809	0	%100
52	M61	Z	.467	.467	0	%100
53	M62	X	3.295	3.295	0	%100
54	M62	Z	1.902	1.902	0	%100
55	M63	X	3.295	3.295	0	%100
56	M63	Z	1.902	1.902	0	%100
57	M68	X	3.237	3.237	0	%100
58	M68	Z	1.869	1.869	0	%100
59	M69	X	3.295	3.295	0	%100
60	M69	Z	1.902	1.902	0	%100
61	M70	X	3.295	3.295	0	%100
62	M70	Z	1.902	1.902	0	%100
63	MP1A	X	3.571	3.571	0	%100
64	MP1A	Z	2.062	2.062	0	%100
65	MP3A	X	3.571	3.571	0	%100
66	MP3A	Z	2.062	2.062	0	%100
67	MP4A	X	3.571	3.571	0	%100
68	MP4A	Z	2.062	2.062	0	%100
69	MP5A	X	3.571	3.571	0	%100
70	MP5A	Z	2.062	2.062	0	%100
71	MP1C	X	3.571	3.571	0	%100
72	MP1C	Z	2.062	2.062	0	%100
73	MP3C	X	3.571	3.571	0	%100
74	MP3C	Z	2.062	2.062	0	%100
75	MP4C	X	3.571	3.571	0	%100
76	MP4C	Z	2.062	2.062	0	%100
77	MP5C	X	3.571	3.571	0	%100
78	MP5C	Z	2.062	2.062	0	%100
79	MP1B	X	3.571	3.571	0	%100
80	MP1B	Z	2.062	2.062	0	%100
81	MP3B	X	3.571	3.571	0	%100
82	MP3B	Z	2.062	2.062	0	%100
83	MP4B	X	3.571	3.571	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
84	MP4B	Z	2.062	2.062	0	%100
85	MP5B	X	3.571	3.571	0	%100
86	MP5B	Z	2.062	2.062	0	%100
87	MP2A	X	3.479	3.479	0	%100
88	MP2A	Z	2.008	2.008	0	%100
89	MP2C	X	3.479	3.479	0	%100
90	MP2C	Z	2.008	2.008	0	%100
91	MP2B	X	3.479	3.479	0	%100
92	MP2B	Z	2.008	2.008	0	%100
93	M106	X	1.3	1.3	0	%100
94	M106	Z	.75	.75	0	%100
95	M107	X	2.281	2.281	0	%100
96	M107	Z	1.317	1.317	0	%100
97	M108	X	3.939	3.939	0	%100
98	M108	Z	2.274	2.274	0	%100
99	M109	X	3.939	3.939	0	%100
100	M109	Z	2.274	2.274	0	%100
101	M110	X	1.337	1.337	0	%100
102	M110	Z	.772	.772	0	%100
103	M111	X	1.337	1.337	0	%100
104	M111	Z	.772	.772	0	%100
105	M112	X	1.337	1.337	0	%100
106	M112	Z	.772	.772	0	%100
107	M113	X	1.337	1.337	0	%100
108	M113	Z	.772	.772	0	%100
109	M114	X	1.337	1.337	0	%100
110	M114	Z	.772	.772	0	%100
111	OVP	X	2.953	2.953	0	%100
112	OVP	Z	1.705	1.705	0	%100
113	M103A	X	3.295	3.295	0	%100
114	M103A	Z	1.902	1.902	0	%100
115	M104A	X	3.295	3.295	0	%100
116	M104A	Z	1.902	1.902	0	%100
117	M105	X	.809	.809	0	%100
118	M105	Z	.467	.467	0	%100
119	M106A	X	2.139	2.139	0	%100
120	M106A	Z	1.235	1.235	0	%100
121	M107A	X	2.139	2.139	0	%100
122	M107A	Z	1.235	1.235	0	%100
123	M108C	X	3.295	3.295	0	%100
124	M108C	Z	1.902	1.902	0	%100
125	M109B	X	3.295	3.295	0	%100
126	M109B	Z	1.902	1.902	0	%100
127	M110B	X	3.237	3.237	0	%100
128	M110B	Z	1.869	1.869	0	%100
129	M111A	X	3.619	3.619	0	%100
130	M111A	Z	2.089	2.089	0	%100
131	M112A	X	3.619	3.619	0	%100
132	M112A	Z	2.089	2.089	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	2.62	2.62	0	%100
2	M1	Z	4.538	4.538	0	%100
3	M2	X	2.62	2.62	0	%100
4	M2	Z	4.538	4.538	0	%100



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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, %]	
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	2.62	2.62	0	%100
10	M5	Z	4.538	4.538	0	%100
11	M6	X	2.62	2.62	0	%100
12	M6	Z	4.538	4.538	0	%100
13	M7	X	2.585	2.585	0	%100
14	M7	Z	4.477	4.477	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	2.585	2.585	0	%100
18	M9	Z	4.477	4.477	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.648	.648	0	%100
22	M14A	Z	1.122	1.122	0	%100
23	M18	X	.648	.648	0	%100
24	M18	Z	1.122	1.122	0	%100
25	M25	X	2.289	2.289	0	%100
26	M25	Z	3.965	3.965	0	%100
27	M26	X	2.289	2.289	0	%100
28	M26	Z	3.965	3.965	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	.648	.648	0	%100
34	M42	Z	1.122	1.122	0	%100
35	M50	X	.648	.648	0	%100
36	M50	Z	1.122	1.122	0	%100
37	M52	X	1.902	1.902	0	%100
38	M52	Z	3.295	3.295	0	%100
39	M53	X	1.902	1.902	0	%100
40	M53	Z	3.295	3.295	0	%100
41	M54	X	1.402	1.402	0	%100
42	M54	Z	2.428	2.428	0	%100
43	M55	X	1.902	1.902	0	%100
44	M55	Z	3.295	3.295	0	%100
45	M56	X	1.902	1.902	0	%100
46	M56	Z	3.295	3.295	0	%100
47	M57	X	1.805	1.805	0	%100
48	M57	Z	3.126	3.126	0	%100
49	M58	X	1.805	1.805	0	%100
50	M58	Z	3.126	3.126	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	M62	X	1.902	1.902	0	%100
54	M62	Z	3.295	3.295	0	%100
55	M63	X	1.902	1.902	0	%100
56	M63	Z	3.295	3.295	0	%100
57	M68	X	1.402	1.402	0	%100
58	M68	Z	2.428	2.428	0	%100
59	M69	X	1.902	1.902	0	%100
60	M69	Z	3.295	3.295	0	%100
61	M70	X	1.902	1.902	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,%]
62	M70	Z	3.295	3.295	0 %100
63	MP1A	X	2.062	2.062	0 %100
64	MP1A	Z	3.571	3.571	0 %100
65	MP3A	X	2.062	2.062	0 %100
66	MP3A	Z	3.571	3.571	0 %100
67	MP4A	X	2.062	2.062	0 %100
68	MP4A	Z	3.571	3.571	0 %100
69	MP5A	X	2.062	2.062	0 %100
70	MP5A	Z	3.571	3.571	0 %100
71	MP1C	X	2.062	2.062	0 %100
72	MP1C	Z	3.571	3.571	0 %100
73	MP3C	X	2.062	2.062	0 %100
74	MP3C	Z	3.571	3.571	0 %100
75	MP4C	X	2.062	2.062	0 %100
76	MP4C	Z	3.571	3.571	0 %100
77	MP5C	X	2.062	2.062	0 %100
78	MP5C	Z	3.571	3.571	0 %100
79	MP1B	X	2.062	2.062	0 %100
80	MP1B	Z	3.571	3.571	0 %100
81	MP3B	X	2.062	2.062	0 %100
82	MP3B	Z	3.571	3.571	0 %100
83	MP4B	X	2.062	2.062	0 %100
84	MP4B	Z	3.571	3.571	0 %100
85	MP5B	X	2.062	2.062	0 %100
86	MP5B	Z	3.571	3.571	0 %100
87	MP2A	X	2.008	2.008	0 %100
88	MP2A	Z	3.479	3.479	0 %100
89	MP2C	X	2.008	2.008	0 %100
90	MP2C	Z	3.479	3.479	0 %100
91	MP2B	X	2.008	2.008	0 %100
92	MP2B	Z	3.479	3.479	0 %100
93	M106	X	0	0	0 %100
94	M106	Z	0	0	0 %100
95	M107	X	1.756	1.756	0 %100
96	M107	Z	3.042	3.042	0 %100
97	M108	X	2.274	2.274	0 %100
98	M108	Z	3.939	3.939	0 %100
99	M109	X	2.274	2.274	0 %100
100	M109	Z	3.939	3.939	0 %100
101	M110	X	1.029	1.029	0 %100
102	M110	Z	1.783	1.783	0 %100
103	M111	X	1.029	1.029	0 %100
104	M111	Z	1.783	1.783	0 %100
105	M112	X	1.029	1.029	0 %100
106	M112	Z	1.783	1.783	0 %100
107	M113	X	1.029	1.029	0 %100
108	M113	Z	1.783	1.783	0 %100
109	M114	X	1.029	1.029	0 %100
110	M114	Z	1.783	1.783	0 %100
111	OVP	X	1.705	1.705	0 %100
112	OVP	Z	2.953	2.953	0 %100
113	M103A	X	1.902	1.902	0 %100
114	M103A	Z	3.295	3.295	0 %100
115	M104A	X	1.902	1.902	0 %100
116	M104A	Z	3.295	3.295	0 %100
117	M105	X	0	0	0 %100
118	M105	Z	0	0	0 %100



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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, %]
119	M106A	X	.95	.95	0	%100
120	M106A	Z	1.646	1.646	0	%100
121	M107A	X	.95	.95	0	%100
122	M107A	Z	1.646	1.646	0	%100
123	M108C	X	1.902	1.902	0	%100
124	M108C	Z	3.295	3.295	0	%100
125	M109B	X	1.902	1.902	0	%100
126	M109B	Z	3.295	3.295	0	%100
127	M110B	X	1.402	1.402	0	%100
128	M110B	Z	2.428	2.428	0	%100
129	M111A	X	1.805	1.805	0	%100
130	M111A	Z	3.126	3.126	0	%100
131	M112A	X	1.805	1.805	0	%100
132	M112A	Z	3.126	3.126	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	6.987	6.987	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	6.987	6.987	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.747	1.747	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	1.747	1.747	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	1.747	1.747	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	1.747	1.747	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	6.893	6.893	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	1.723	1.723	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	1.723	1.723	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.432	.432	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.432	.432	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	1.727	1.727	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	1.526	1.526	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	6.104	6.104	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	1.526	1.526	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	.432	.432	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	.432	.432	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	1.727	1.727	0	%100
37	M52	X	0	0	0	%100
38	M52	Z	3.805	3.805	0	%100
39	M53	X	0	0	0	%100



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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,%]
40	M53	Z	3.805	3.805	0 %100
41	M54	X	0	0	0 %100
42	M54	Z	3.738	3.738	0 %100
43	M55	X	0	0	0 %100
44	M55	Z	3.805	3.805	0 %100
45	M56	X	0	0	0 %100
46	M56	Z	3.805	3.805	0 %100
47	M57	X	0	0	0 %100
48	M57	Z	4.178	4.178	0 %100
49	M58	X	0	0	0 %100
50	M58	Z	4.178	4.178	0 %100
51	M61	X	0	0	0 %100
52	M61	Z	.934	.934	0 %100
53	M62	X	0	0	0 %100
54	M62	Z	3.805	3.805	0 %100
55	M63	X	0	0	0 %100
56	M63	Z	3.805	3.805	0 %100
57	M68	X	0	0	0 %100
58	M68	Z	.934	.934	0 %100
59	M69	X	0	0	0 %100
60	M69	Z	3.805	3.805	0 %100
61	M70	X	0	0	0 %100
62	M70	Z	3.805	3.805	0 %100
63	MP1A	X	0	0	0 %100
64	MP1A	Z	4.124	4.124	0 %100
65	MP3A	X	0	0	0 %100
66	MP3A	Z	4.124	4.124	0 %100
67	MP4A	X	0	0	0 %100
68	MP4A	Z	4.124	4.124	0 %100
69	MP5A	X	0	0	0 %100
70	MP5A	Z	4.124	4.124	0 %100
71	MP1C	X	0	0	0 %100
72	MP1C	Z	4.124	4.124	0 %100
73	MP3C	X	0	0	0 %100
74	MP3C	Z	4.124	4.124	0 %100
75	MP4C	X	0	0	0 %100
76	MP4C	Z	4.124	4.124	0 %100
77	MP5C	X	0	0	0 %100
78	MP5C	Z	4.124	4.124	0 %100
79	MP1B	X	0	0	0 %100
80	MP1B	Z	4.124	4.124	0 %100
81	MP3B	X	0	0	0 %100
82	MP3B	Z	4.124	4.124	0 %100
83	MP4B	X	0	0	0 %100
84	MP4B	Z	4.124	4.124	0 %100
85	MP5B	X	0	0	0 %100
86	MP5B	Z	4.124	4.124	0 %100
87	MP2A	X	0	0	0 %100
88	MP2A	Z	4.017	4.017	0 %100
89	MP2C	X	0	0	0 %100
90	MP2C	Z	4.017	4.017	0 %100
91	MP2B	X	0	0	0 %100
92	MP2B	Z	4.017	4.017	0 %100
93	M106	X	0	0	0 %100
94	M106	Z	1.501	1.501	0 %100
95	M107	X	0	0	0 %100
96	M107	Z	2.634	2.634	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, %]
97	M108	X	0	0	0	%100
98	M108	Z	4.548	4.548	0	%100
99	M109	X	0	0	0	%100
100	M109	Z	4.548	4.548	0	%100
101	M110	X	0	0	0	%100
102	M110	Z	1.544	1.544	0	%100
103	M111	X	0	0	0	%100
104	M111	Z	1.544	1.544	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	1.544	1.544	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	1.544	1.544	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	1.544	1.544	0	%100
111	OVP	X	0	0	0	%100
112	OVP	Z	3.41	3.41	0	%100
113	M103A	X	0	0	0	%100
114	M103A	Z	3.805	3.805	0	%100
115	M104A	X	0	0	0	%100
116	M104A	Z	3.805	3.805	0	%100
117	M105	X	0	0	0	%100
118	M105	Z	.934	.934	0	%100
119	M106A	X	0	0	0	%100
120	M106A	Z	2.47	2.47	0	%100
121	M107A	X	0	0	0	%100
122	M107A	Z	2.47	2.47	0	%100
123	M108C	X	0	0	0	%100
124	M108C	Z	3.805	3.805	0	%100
125	M109B	X	0	0	0	%100
126	M109B	Z	3.805	3.805	0	%100
127	M110B	X	0	0	0	%100
128	M110B	Z	.934	.934	0	%100
129	M111A	X	0	0	0	%100
130	M111A	Z	2.47	2.47	0	%100
131	M112A	X	0	0	0	%100
132	M112A	Z	2.47	2.47	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	-2.62	-2.62	0	%100
2	M1	Z	4.538	4.538	0	%100
3	M2	X	-2.62	-2.62	0	%100
4	M2	Z	4.538	4.538	0	%100
5	M3	X	-2.62	-2.62	0	%100
6	M3	Z	4.538	4.538	0	%100
7	M4	X	-2.62	-2.62	0	%100
8	M4	Z	4.538	4.538	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-2.585	-2.585	0	%100
14	M7	Z	4.477	4.477	0	%100
15	M8	X	-2.585	-2.585	0	%100
16	M8	Z	4.477	4.477	0	%100
17	M9	X	0	0	0	%100



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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,%]	
18	M9	Z	0	0	0	%100
19	M13	X	-.648	-.648	0	%100
20	M13	Z	1.122	1.122	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.648	-.648	0	%100
24	M18	Z	1.122	1.122	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-2.289	-2.289	0	%100
28	M26	Z	3.965	3.965	0	%100
29	M27	X	-2.289	-2.289	0	%100
30	M27	Z	3.965	3.965	0	%100
31	M34	X	-.648	-.648	0	%100
32	M34	Z	1.122	1.122	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	-.648	-.648	0	%100
36	M50	Z	1.122	1.122	0	%100
37	M52	X	-1.902	-1.902	0	%100
38	M52	Z	3.295	3.295	0	%100
39	M53	X	-1.902	-1.902	0	%100
40	M53	Z	3.295	3.295	0	%100
41	M54	X	-1.402	-1.402	0	%100
42	M54	Z	2.428	2.428	0	%100
43	M55	X	-1.902	-1.902	0	%100
44	M55	Z	3.295	3.295	0	%100
45	M56	X	-1.902	-1.902	0	%100
46	M56	Z	3.295	3.295	0	%100
47	M57	X	-1.805	-1.805	0	%100
48	M57	Z	3.126	3.126	0	%100
49	M58	X	-1.805	-1.805	0	%100
50	M58	Z	3.126	3.126	0	%100
51	M61	X	-1.402	-1.402	0	%100
52	M61	Z	2.428	2.428	0	%100
53	M62	X	-1.902	-1.902	0	%100
54	M62	Z	3.295	3.295	0	%100
55	M63	X	-1.902	-1.902	0	%100
56	M63	Z	3.295	3.295	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	0	0	0	%100
59	M69	X	-1.902	-1.902	0	%100
60	M69	Z	3.295	3.295	0	%100
61	M70	X	-1.902	-1.902	0	%100
62	M70	Z	3.295	3.295	0	%100
63	MP1A	X	-2.062	-2.062	0	%100
64	MP1A	Z	3.571	3.571	0	%100
65	MP3A	X	-2.062	-2.062	0	%100
66	MP3A	Z	3.571	3.571	0	%100
67	MP4A	X	-2.062	-2.062	0	%100
68	MP4A	Z	3.571	3.571	0	%100
69	MP5A	X	-2.062	-2.062	0	%100
70	MP5A	Z	3.571	3.571	0	%100
71	MP1C	X	-2.062	-2.062	0	%100
72	MP1C	Z	3.571	3.571	0	%100
73	MP3C	X	-2.062	-2.062	0	%100
74	MP3C	Z	3.571	3.571	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, %]
75	MP4C	X	-2.062	-2.062	0 %100
76	MP4C	Z	3.571	3.571	0 %100
77	MP5C	X	-2.062	-2.062	0 %100
78	MP5C	Z	3.571	3.571	0 %100
79	MP1B	X	-2.062	-2.062	0 %100
80	MP1B	Z	3.571	3.571	0 %100
81	MP3B	X	-2.062	-2.062	0 %100
82	MP3B	Z	3.571	3.571	0 %100
83	MP4B	X	-2.062	-2.062	0 %100
84	MP4B	Z	3.571	3.571	0 %100
85	MP5B	X	-2.062	-2.062	0 %100
86	MP5B	Z	3.571	3.571	0 %100
87	MP2A	X	-2.008	-2.008	0 %100
88	MP2A	Z	3.479	3.479	0 %100
89	MP2C	X	-2.008	-2.008	0 %100
90	MP2C	Z	3.479	3.479	0 %100
91	MP2B	X	-2.008	-2.008	0 %100
92	MP2B	Z	3.479	3.479	0 %100
93	M106	X	-2.251	-2.251	0 %100
94	M106	Z	3.899	3.899	0 %100
95	M107	X	-.439	-.439	0 %100
96	M107	Z	.76	.76	0 %100
97	M108	X	-2.274	-2.274	0 %100
98	M108	Z	3.939	3.939	0 %100
99	M109	X	-2.274	-2.274	0 %100
100	M109	Z	3.939	3.939	0 %100
101	M110	X	-.257	-.257	0 %100
102	M110	Z	.446	.446	0 %100
103	M111	X	-.257	-.257	0 %100
104	M111	Z	.446	.446	0 %100
105	M112	X	-.257	-.257	0 %100
106	M112	Z	.446	.446	0 %100
107	M113	X	-.257	-.257	0 %100
108	M113	Z	.446	.446	0 %100
109	M114	X	-.257	-.257	0 %100
110	M114	Z	.446	.446	0 %100
111	OVP	X	-1.705	-1.705	0 %100
112	OVP	Z	2.953	2.953	0 %100
113	M103A	X	-1.902	-1.902	0 %100
114	M103A	Z	3.295	3.295	0 %100
115	M104A	X	-1.902	-1.902	0 %100
116	M104A	Z	3.295	3.295	0 %100
117	M105	X	-1.402	-1.402	0 %100
118	M105	Z	2.428	2.428	0 %100
119	M106A	X	-1.805	-1.805	0 %100
120	M106A	Z	3.126	3.126	0 %100
121	M107A	X	-1.805	-1.805	0 %100
122	M107A	Z	3.126	3.126	0 %100
123	M108C	X	-1.902	-1.902	0 %100
124	M108C	Z	3.295	3.295	0 %100
125	M109B	X	-1.902	-1.902	0 %100
126	M109B	Z	3.295	3.295	0 %100
127	M110B	X	0	0	0 %100
128	M110B	Z	0	0	0 %100
129	M111A	X	-.95	-.95	0 %100
130	M111A	Z	1.646	1.646	0 %100
131	M112A	X	-.95	-.95	0 %100



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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, %]
132	M112A	Z	1.646	1.646	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	-1.513	-1.513	0	%100
2	M1	Z	.873	.873	0	%100
3	M2	X	-1.513	-1.513	0	%100
4	M2	Z	.873	.873	0	%100
5	M3	X	-6.051	-6.051	0	%100
6	M3	Z	3.493	3.493	0	%100
7	M4	X	-6.051	-6.051	0	%100
8	M4	Z	3.493	3.493	0	%100
9	M5	X	-1.513	-1.513	0	%100
10	M5	Z	.873	.873	0	%100
11	M6	X	-1.513	-1.513	0	%100
12	M6	Z	.873	.873	0	%100
13	M7	X	-1.492	-1.492	0	%100
14	M7	Z	.862	.862	0	%100
15	M8	X	-5.97	-5.97	0	%100
16	M8	Z	3.447	3.447	0	%100
17	M9	X	-1.492	-1.492	0	%100
18	M9	Z	.862	.862	0	%100
19	M13	X	-1.495	-1.495	0	%100
20	M13	Z	.863	.863	0	%100
21	M14A	X	-.374	-.374	0	%100
22	M14A	Z	.216	.216	0	%100
23	M18	X	-.374	-.374	0	%100
24	M18	Z	.216	.216	0	%100
25	M25	X	-1.322	-1.322	0	%100
26	M25	Z	.763	.763	0	%100
27	M26	X	-1.322	-1.322	0	%100
28	M26	Z	.763	.763	0	%100
29	M27	X	-5.287	-5.287	0	%100
30	M27	Z	3.052	3.052	0	%100
31	M34	X	-1.495	-1.495	0	%100
32	M34	Z	.863	.863	0	%100
33	M42	X	-.374	-.374	0	%100
34	M42	Z	.216	.216	0	%100
35	M50	X	-.374	-.374	0	%100
36	M50	Z	.216	.216	0	%100
37	M52	X	-3.295	-3.295	0	%100
38	M52	Z	1.902	1.902	0	%100
39	M53	X	-3.295	-3.295	0	%100
40	M53	Z	1.902	1.902	0	%100
41	M54	X	-.809	-.809	0	%100
42	M54	Z	.467	.467	0	%100
43	M55	X	-3.295	-3.295	0	%100
44	M55	Z	1.902	1.902	0	%100
45	M56	X	-3.295	-3.295	0	%100
46	M56	Z	1.902	1.902	0	%100
47	M57	X	-2.139	-2.139	0	%100
48	M57	Z	1.235	1.235	0	%100
49	M58	X	-2.139	-2.139	0	%100
50	M58	Z	1.235	1.235	0	%100
51	M61	X	-3.237	-3.237	0	%100
52	M61	Z	1.869	1.869	0	%100



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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, %]
53	M62	X	-3.295	-3.295	0 %100
54	M62	Z	1.902	1.902	0 %100
55	M63	X	-3.295	-3.295	0 %100
56	M63	Z	1.902	1.902	0 %100
57	M68	X	-.809	-.809	0 %100
58	M68	Z	.467	.467	0 %100
59	M69	X	-3.295	-3.295	0 %100
60	M69	Z	1.902	1.902	0 %100
61	M70	X	-3.295	-3.295	0 %100
62	M70	Z	1.902	1.902	0 %100
63	MP1A	X	-3.571	-3.571	0 %100
64	MP1A	Z	2.062	2.062	0 %100
65	MP3A	X	-3.571	-3.571	0 %100
66	MP3A	Z	2.062	2.062	0 %100
67	MP4A	X	-3.571	-3.571	0 %100
68	MP4A	Z	2.062	2.062	0 %100
69	MP5A	X	-3.571	-3.571	0 %100
70	MP5A	Z	2.062	2.062	0 %100
71	MP1C	X	-3.571	-3.571	0 %100
72	MP1C	Z	2.062	2.062	0 %100
73	MP3C	X	-3.571	-3.571	0 %100
74	MP3C	Z	2.062	2.062	0 %100
75	MP4C	X	-3.571	-3.571	0 %100
76	MP4C	Z	2.062	2.062	0 %100
77	MP5C	X	-3.571	-3.571	0 %100
78	MP5C	Z	2.062	2.062	0 %100
79	MP1B	X	-3.571	-3.571	0 %100
80	MP1B	Z	2.062	2.062	0 %100
81	MP3B	X	-3.571	-3.571	0 %100
82	MP3B	Z	2.062	2.062	0 %100
83	MP4B	X	-3.571	-3.571	0 %100
84	MP4B	Z	2.062	2.062	0 %100
85	MP5B	X	-3.571	-3.571	0 %100
86	MP5B	Z	2.062	2.062	0 %100
87	MP2A	X	-3.479	-3.479	0 %100
88	MP2A	Z	2.008	2.008	0 %100
89	MP2C	X	-3.479	-3.479	0 %100
90	MP2C	Z	2.008	2.008	0 %100
91	MP2B	X	-3.479	-3.479	0 %100
92	MP2B	Z	2.008	2.008	0 %100
93	M106	X	-5.199	-5.199	0 %100
94	M106	Z	3.002	3.002	0 %100
95	M107	X	0	0	0 %100
96	M107	Z	0	0	0 %100
97	M108	X	-3.939	-3.939	0 %100
98	M108	Z	2.274	2.274	0 %100
99	M109	X	-3.939	-3.939	0 %100
100	M109	Z	2.274	2.274	0 %100
101	M110	X	0	0	0 %100
102	M110	Z	0	0	0 %100
103	M111	X	0	0	0 %100
104	M111	Z	0	0	0 %100
105	M112	X	0	0	0 %100
106	M112	Z	0	0	0 %100
107	M113	X	0	0	0 %100
108	M113	Z	0	0	0 %100
109	M114	X	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
110	M114	Z	0	0	0	%100
111	OVP	X	-2.953	-2.953	0	%100
112	OVP	Z	1.705	1.705	0	%100
113	M103A	X	-3.295	-3.295	0	%100
114	M103A	Z	1.902	1.902	0	%100
115	M104A	X	-3.295	-3.295	0	%100
116	M104A	Z	1.902	1.902	0	%100
117	M105	X	-3.237	-3.237	0	%100
118	M105	Z	1.869	1.869	0	%100
119	M106A	X	-3.619	-3.619	0	%100
120	M106A	Z	2.089	2.089	0	%100
121	M107A	X	-3.619	-3.619	0	%100
122	M107A	Z	2.089	2.089	0	%100
123	M108C	X	-3.295	-3.295	0	%100
124	M108C	Z	1.902	1.902	0	%100
125	M109B	X	-3.295	-3.295	0	%100
126	M109B	Z	1.902	1.902	0	%100
127	M110B	X	-.809	-.809	0	%100
128	M110B	Z	.467	.467	0	%100
129	M111A	X	-2.139	-2.139	0	%100
130	M111A	Z	1.235	1.235	0	%100
131	M112A	X	-2.139	-2.139	0	%100
132	M112A	Z	1.235	1.235	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	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-5.24	-5.24	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-5.24	-5.24	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-5.24	-5.24	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-5.24	-5.24	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-5.17	-5.17	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-5.17	-5.17	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-1.295	-1.295	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-1.295	-1.295	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M25	X	-4.578	-4.578	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-4.578	-4.578	0	%100
30	M27	Z	0	0	0	%100



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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, %]
31	M34	X	-1.295	-1.295	0 %100
32	M34	Z	0	0	0 %100
33	M42	X	-1.295	-1.295	0 %100
34	M42	Z	0	0	0 %100
35	M50	X	0	0	0 %100
36	M50	Z	0	0	0 %100
37	M52	X	-3.805	-3.805	0 %100
38	M52	Z	0	0	0 %100
39	M53	X	-3.805	-3.805	0 %100
40	M53	Z	0	0	0 %100
41	M54	X	0	0	0 %100
42	M54	Z	0	0	0 %100
43	M55	X	-3.805	-3.805	0 %100
44	M55	Z	0	0	0 %100
45	M56	X	-3.805	-3.805	0 %100
46	M56	Z	0	0	0 %100
47	M57	X	-1.901	-1.901	0 %100
48	M57	Z	0	0	0 %100
49	M58	X	-1.901	-1.901	0 %100
50	M58	Z	0	0	0 %100
51	M61	X	-2.803	-2.803	0 %100
52	M61	Z	0	0	0 %100
53	M62	X	-3.805	-3.805	0 %100
54	M62	Z	0	0	0 %100
55	M63	X	-3.805	-3.805	0 %100
56	M63	Z	0	0	0 %100
57	M68	X	-2.803	-2.803	0 %100
58	M68	Z	0	0	0 %100
59	M69	X	-3.805	-3.805	0 %100
60	M69	Z	0	0	0 %100
61	M70	X	-3.805	-3.805	0 %100
62	M70	Z	0	0	0 %100
63	MP1A	X	-4.124	-4.124	0 %100
64	MP1A	Z	0	0	0 %100
65	MP3A	X	-4.124	-4.124	0 %100
66	MP3A	Z	0	0	0 %100
67	MP4A	X	-4.124	-4.124	0 %100
68	MP4A	Z	0	0	0 %100
69	MP5A	X	-4.124	-4.124	0 %100
70	MP5A	Z	0	0	0 %100
71	MP1C	X	-4.124	-4.124	0 %100
72	MP1C	Z	0	0	0 %100
73	MP3C	X	-4.124	-4.124	0 %100
74	MP3C	Z	0	0	0 %100
75	MP4C	X	-4.124	-4.124	0 %100
76	MP4C	Z	0	0	0 %100
77	MP5C	X	-4.124	-4.124	0 %100
78	MP5C	Z	0	0	0 %100
79	MP1B	X	-4.124	-4.124	0 %100
80	MP1B	Z	0	0	0 %100
81	MP3B	X	-4.124	-4.124	0 %100
82	MP3B	Z	0	0	0 %100
83	MP4B	X	-4.124	-4.124	0 %100
84	MP4B	Z	0	0	0 %100
85	MP5B	X	-4.124	-4.124	0 %100
86	MP5B	Z	0	0	0 %100
87	MP2A	X	-4.017	-4.017	0 %100



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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, %]
88	MP2A	Z	0	0	0	%100
89	MP2C	X	-4.017	-4.017	0	%100
90	MP2C	Z	0	0	0	%100
91	MP2B	X	-4.017	-4.017	0	%100
92	MP2B	Z	0	0	0	%100
93	M106	X	-4.503	-4.503	0	%100
94	M106	Z	0	0	0	%100
95	M107	X	-.878	-.878	0	%100
96	M107	Z	0	0	0	%100
97	M108	X	-4.548	-4.548	0	%100
98	M108	Z	0	0	0	%100
99	M109	X	-4.548	-4.548	0	%100
100	M109	Z	0	0	0	%100
101	M110	X	-.515	-.515	0	%100
102	M110	Z	0	0	0	%100
103	M111	X	-.515	-.515	0	%100
104	M111	Z	0	0	0	%100
105	M112	X	-.515	-.515	0	%100
106	M112	Z	0	0	0	%100
107	M113	X	-.515	-.515	0	%100
108	M113	Z	0	0	0	%100
109	M114	X	-.515	-.515	0	%100
110	M114	Z	0	0	0	%100
111	OVP	X	-3.41	-3.41	0	%100
112	OVP	Z	0	0	0	%100
113	M103A	X	-3.805	-3.805	0	%100
114	M103A	Z	0	0	0	%100
115	M104A	X	-3.805	-3.805	0	%100
116	M104A	Z	0	0	0	%100
117	M105	X	-2.803	-2.803	0	%100
118	M105	Z	0	0	0	%100
119	M106A	X	-3.609	-3.609	0	%100
120	M106A	Z	0	0	0	%100
121	M107A	X	-3.609	-3.609	0	%100
122	M107A	Z	0	0	0	%100
123	M108C	X	-3.805	-3.805	0	%100
124	M108C	Z	0	0	0	%100
125	M109B	X	-3.805	-3.805	0	%100
126	M109B	Z	0	0	0	%100
127	M110B	X	-2.803	-2.803	0	%100
128	M110B	Z	0	0	0	%100
129	M111A	X	-3.609	-3.609	0	%100
130	M111A	Z	0	0	0	%100
131	M112A	X	-3.609	-3.609	0	%100
132	M112A	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	-1.513	-1.513	0	%100
2	M1	Z	-.873	-.873	0	%100
3	M2	X	-1.513	-1.513	0	%100
4	M2	Z	-.873	-.873	0	%100
5	M3	X	-1.513	-1.513	0	%100
6	M3	Z	-.873	-.873	0	%100
7	M4	X	-1.513	-1.513	0	%100
8	M4	Z	-.873	-.873	0	%100



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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, %]
9	M5	X	-6.051	-6.051	0	%100
10	M5	Z	-3.493	-3.493	0	%100
11	M6	X	-6.051	-6.051	0	%100
12	M6	Z	-3.493	-3.493	0	%100
13	M7	X	-1.492	-1.492	0	%100
14	M7	Z	-.862	-.862	0	%100
15	M8	X	-1.492	-1.492	0	%100
16	M8	Z	-.862	-.862	0	%100
17	M9	X	-5.97	-5.97	0	%100
18	M9	Z	-3.447	-3.447	0	%100
19	M13	X	-.374	-.374	0	%100
20	M13	Z	-.216	-.216	0	%100
21	M14A	X	-1.495	-1.495	0	%100
22	M14A	Z	-.863	-.863	0	%100
23	M18	X	-.374	-.374	0	%100
24	M18	Z	-.216	-.216	0	%100
25	M25	X	-5.287	-5.287	0	%100
26	M25	Z	-3.052	-3.052	0	%100
27	M26	X	-1.322	-1.322	0	%100
28	M26	Z	-.763	-.763	0	%100
29	M27	X	-1.322	-1.322	0	%100
30	M27	Z	-.763	-.763	0	%100
31	M34	X	-.374	-.374	0	%100
32	M34	Z	-.216	-.216	0	%100
33	M42	X	-1.495	-1.495	0	%100
34	M42	Z	-.863	-.863	0	%100
35	M50	X	-.374	-.374	0	%100
36	M50	Z	-.216	-.216	0	%100
37	M52	X	-3.295	-3.295	0	%100
38	M52	Z	-1.902	-1.902	0	%100
39	M53	X	-3.295	-3.295	0	%100
40	M53	Z	-1.902	-1.902	0	%100
41	M54	X	-.809	-.809	0	%100
42	M54	Z	-.467	-.467	0	%100
43	M55	X	-3.295	-3.295	0	%100
44	M55	Z	-1.902	-1.902	0	%100
45	M56	X	-3.295	-3.295	0	%100
46	M56	Z	-1.902	-1.902	0	%100
47	M57	X	-2.139	-2.139	0	%100
48	M57	Z	-1.235	-1.235	0	%100
49	M58	X	-2.139	-2.139	0	%100
50	M58	Z	-1.235	-1.235	0	%100
51	M61	X	-.809	-.809	0	%100
52	M61	Z	-.467	-.467	0	%100
53	M62	X	-3.295	-3.295	0	%100
54	M62	Z	-1.902	-1.902	0	%100
55	M63	X	-3.295	-3.295	0	%100
56	M63	Z	-1.902	-1.902	0	%100
57	M68	X	-3.237	-3.237	0	%100
58	M68	Z	-1.869	-1.869	0	%100
59	M69	X	-3.295	-3.295	0	%100
60	M69	Z	-1.902	-1.902	0	%100
61	M70	X	-3.295	-3.295	0	%100
62	M70	Z	-1.902	-1.902	0	%100
63	MP1A	X	-3.571	-3.571	0	%100
64	MP1A	Z	-2.062	-2.062	0	%100
65	MP3A	X	-3.571	-3.571	0	%100



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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,%]
66	MP3A	Z	-2.062	-2.062	0 %100
67	MP4A	X	-3.571	-3.571	0 %100
68	MP4A	Z	-2.062	-2.062	0 %100
69	MP5A	X	-3.571	-3.571	0 %100
70	MP5A	Z	-2.062	-2.062	0 %100
71	MP1C	X	-3.571	-3.571	0 %100
72	MP1C	Z	-2.062	-2.062	0 %100
73	MP3C	X	-3.571	-3.571	0 %100
74	MP3C	Z	-2.062	-2.062	0 %100
75	MP4C	X	-3.571	-3.571	0 %100
76	MP4C	Z	-2.062	-2.062	0 %100
77	MP5C	X	-3.571	-3.571	0 %100
78	MP5C	Z	-2.062	-2.062	0 %100
79	MP1B	X	-3.571	-3.571	0 %100
80	MP1B	Z	-2.062	-2.062	0 %100
81	MP3B	X	-3.571	-3.571	0 %100
82	MP3B	Z	-2.062	-2.062	0 %100
83	MP4B	X	-3.571	-3.571	0 %100
84	MP4B	Z	-2.062	-2.062	0 %100
85	MP5B	X	-3.571	-3.571	0 %100
86	MP5B	Z	-2.062	-2.062	0 %100
87	MP2A	X	-3.479	-3.479	0 %100
88	MP2A	Z	-2.008	-2.008	0 %100
89	MP2C	X	-3.479	-3.479	0 %100
90	MP2C	Z	-2.008	-2.008	0 %100
91	MP2B	X	-3.479	-3.479	0 %100
92	MP2B	Z	-2.008	-2.008	0 %100
93	M106	X	-1.3	-1.3	0 %100
94	M106	Z	-.75	-.75	0 %100
95	M107	X	-2.281	-2.281	0 %100
96	M107	Z	-1.317	-1.317	0 %100
97	M108	X	-3.939	-3.939	0 %100
98	M108	Z	-2.274	-2.274	0 %100
99	M109	X	-3.939	-3.939	0 %100
100	M109	Z	-2.274	-2.274	0 %100
101	M110	X	-1.337	-1.337	0 %100
102	M110	Z	-.772	-.772	0 %100
103	M111	X	-1.337	-1.337	0 %100
104	M111	Z	-.772	-.772	0 %100
105	M112	X	-1.337	-1.337	0 %100
106	M112	Z	-.772	-.772	0 %100
107	M113	X	-1.337	-1.337	0 %100
108	M113	Z	-.772	-.772	0 %100
109	M114	X	-1.337	-1.337	0 %100
110	M114	Z	-.772	-.772	0 %100
111	OVP	X	-2.953	-2.953	0 %100
112	OVP	Z	-1.705	-1.705	0 %100
113	M103A	X	-3.295	-3.295	0 %100
114	M103A	Z	-1.902	-1.902	0 %100
115	M104A	X	-3.295	-3.295	0 %100
116	M104A	Z	-1.902	-1.902	0 %100
117	M105	X	-.809	-.809	0 %100
118	M105	Z	-.467	-.467	0 %100
119	M106A	X	-2.139	-2.139	0 %100
120	M106A	Z	-1.235	-1.235	0 %100
121	M107A	X	-2.139	-2.139	0 %100
122	M107A	Z	-1.235	-1.235	0 %100



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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, %]
123	M108C	X	-3.295	-3.295	0	%100
124	M108C	Z	-1.902	-1.902	0	%100
125	M109B	X	-3.295	-3.295	0	%100
126	M109B	Z	-1.902	-1.902	0	%100
127	M110B	X	-3.237	-3.237	0	%100
128	M110B	Z	-1.869	-1.869	0	%100
129	M111A	X	-3.619	-3.619	0	%100
130	M111A	Z	-2.089	-2.089	0	%100
131	M112A	X	-3.619	-3.619	0	%100
132	M112A	Z	-2.089	-2.089	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	-2.62	-2.62	0	%100
2	M1	Z	-4.538	-4.538	0	%100
3	M2	X	-2.62	-2.62	0	%100
4	M2	Z	-4.538	-4.538	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-2.62	-2.62	0	%100
10	M5	Z	-4.538	-4.538	0	%100
11	M6	X	-2.62	-2.62	0	%100
12	M6	Z	-4.538	-4.538	0	%100
13	M7	X	-2.585	-2.585	0	%100
14	M7	Z	-4.477	-4.477	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-2.585	-2.585	0	%100
18	M9	Z	-4.477	-4.477	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.648	-.648	0	%100
22	M14A	Z	-1.122	-1.122	0	%100
23	M18	X	-.648	-.648	0	%100
24	M18	Z	-1.122	-1.122	0	%100
25	M25	X	-2.289	-2.289	0	%100
26	M25	Z	-3.965	-3.965	0	%100
27	M26	X	-2.289	-2.289	0	%100
28	M26	Z	-3.965	-3.965	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	-.648	-.648	0	%100
34	M42	Z	-1.122	-1.122	0	%100
35	M50	X	-.648	-.648	0	%100
36	M50	Z	-1.122	-1.122	0	%100
37	M52	X	-1.902	-1.902	0	%100
38	M52	Z	-3.295	-3.295	0	%100
39	M53	X	-1.902	-1.902	0	%100
40	M53	Z	-3.295	-3.295	0	%100
41	M54	X	-1.402	-1.402	0	%100
42	M54	Z	-2.428	-2.428	0	%100
43	M55	X	-1.902	-1.902	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,%]
44	M55	Z	-3.295	-3.295	0 %100
45	M56	X	-1.902	-1.902	0 %100
46	M56	Z	-3.295	-3.295	0 %100
47	M57	X	-1.805	-1.805	0 %100
48	M57	Z	-3.126	-3.126	0 %100
49	M58	X	-1.805	-1.805	0 %100
50	M58	Z	-3.126	-3.126	0 %100
51	M61	X	0	0	0 %100
52	M61	Z	0	0	0 %100
53	M62	X	-1.902	-1.902	0 %100
54	M62	Z	-3.295	-3.295	0 %100
55	M63	X	-1.902	-1.902	0 %100
56	M63	Z	-3.295	-3.295	0 %100
57	M68	X	-1.402	-1.402	0 %100
58	M68	Z	-2.428	-2.428	0 %100
59	M69	X	-1.902	-1.902	0 %100
60	M69	Z	-3.295	-3.295	0 %100
61	M70	X	-1.902	-1.902	0 %100
62	M70	Z	-3.295	-3.295	0 %100
63	MP1A	X	-2.062	-2.062	0 %100
64	MP1A	Z	-3.571	-3.571	0 %100
65	MP3A	X	-2.062	-2.062	0 %100
66	MP3A	Z	-3.571	-3.571	0 %100
67	MP4A	X	-2.062	-2.062	0 %100
68	MP4A	Z	-3.571	-3.571	0 %100
69	MP5A	X	-2.062	-2.062	0 %100
70	MP5A	Z	-3.571	-3.571	0 %100
71	MP1C	X	-2.062	-2.062	0 %100
72	MP1C	Z	-3.571	-3.571	0 %100
73	MP3C	X	-2.062	-2.062	0 %100
74	MP3C	Z	-3.571	-3.571	0 %100
75	MP4C	X	-2.062	-2.062	0 %100
76	MP4C	Z	-3.571	-3.571	0 %100
77	MP5C	X	-2.062	-2.062	0 %100
78	MP5C	Z	-3.571	-3.571	0 %100
79	MP1B	X	-2.062	-2.062	0 %100
80	MP1B	Z	-3.571	-3.571	0 %100
81	MP3B	X	-2.062	-2.062	0 %100
82	MP3B	Z	-3.571	-3.571	0 %100
83	MP4B	X	-2.062	-2.062	0 %100
84	MP4B	Z	-3.571	-3.571	0 %100
85	MP5B	X	-2.062	-2.062	0 %100
86	MP5B	Z	-3.571	-3.571	0 %100
87	MP2A	X	-2.008	-2.008	0 %100
88	MP2A	Z	-3.479	-3.479	0 %100
89	MP2C	X	-2.008	-2.008	0 %100
90	MP2C	Z	-3.479	-3.479	0 %100
91	MP2B	X	-2.008	-2.008	0 %100
92	MP2B	Z	-3.479	-3.479	0 %100
93	M106	X	0	0	0 %100
94	M106	Z	0	0	0 %100
95	M107	X	-1.756	-1.756	0 %100
96	M107	Z	-3.042	-3.042	0 %100
97	M108	X	-2.274	-2.274	0 %100
98	M108	Z	-3.939	-3.939	0 %100
99	M109	X	-2.274	-2.274	0 %100
100	M109	Z	-3.939	-3.939	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, %]
101	M110	X	-1.029	-1.029	0	%100
102	M110	Z	-1.783	-1.783	0	%100
103	M111	X	-1.029	-1.029	0	%100
104	M111	Z	-1.783	-1.783	0	%100
105	M112	X	-1.029	-1.029	0	%100
106	M112	Z	-1.783	-1.783	0	%100
107	M113	X	-1.029	-1.029	0	%100
108	M113	Z	-1.783	-1.783	0	%100
109	M114	X	-1.029	-1.029	0	%100
110	M114	Z	-1.783	-1.783	0	%100
111	OVP	X	-1.705	-1.705	0	%100
112	OVP	Z	-2.953	-2.953	0	%100
113	M103A	X	-1.902	-1.902	0	%100
114	M103A	Z	-3.295	-3.295	0	%100
115	M104A	X	-1.902	-1.902	0	%100
116	M104A	Z	-3.295	-3.295	0	%100
117	M105	X	0	0	0	%100
118	M105	Z	0	0	0	%100
119	M106A	X	-.95	-.95	0	%100
120	M106A	Z	-1.646	-1.646	0	%100
121	M107A	X	-.95	-.95	0	%100
122	M107A	Z	-1.646	-1.646	0	%100
123	M108C	X	-1.902	-1.902	0	%100
124	M108C	Z	-3.295	-3.295	0	%100
125	M109B	X	-1.902	-1.902	0	%100
126	M109B	Z	-3.295	-3.295	0	%100
127	M110B	X	-1.402	-1.402	0	%100
128	M110B	Z	-2.428	-2.428	0	%100
129	M111A	X	-1.805	-1.805	0	%100
130	M111A	Z	-3.126	-3.126	0	%100
131	M112A	X	-1.805	-1.805	0	%100
132	M112A	Z	-3.126	-3.126	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	-1.725	-1.725	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-1.725	-1.725	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.431	-.431	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-.431	-.431	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.431	-.431	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-.431	-.431	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-1.705	-1.705	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-.426	-.426	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-.426	-.426	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.024	-.024	0	%100
21	M14A	X	0	0	0	%100



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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,%]
22	M14A	Z	-0.024	-0.024	0 %100
23	M18	X	0	0	0 %100
24	M18	Z	-0.097	-0.097	0 %100
25	M25	X	0	0	0 %100
26	M25	Z	-0.325	-0.325	0 %100
27	M26	X	0	0	0 %100
28	M26	Z	-1.299	-1.299	0 %100
29	M27	X	0	0	0 %100
30	M27	Z	-0.325	-0.325	0 %100
31	M34	X	0	0	0 %100
32	M34	Z	-0.024	-0.024	0 %100
33	M42	X	0	0	0 %100
34	M42	Z	-0.024	-0.024	0 %100
35	M50	X	0	0	0 %100
36	M50	Z	-0.097	-0.097	0 %100
37	M52	X	0	0	0 %100
38	M52	Z	-0.709	-0.709	0 %100
39	M53	X	0	0	0 %100
40	M53	Z	-0.709	-0.709	0 %100
41	M54	X	0	0	0 %100
42	M54	Z	-0.695	-0.695	0 %100
43	M55	X	0	0	0 %100
44	M55	Z	-0.709	-0.709	0 %100
45	M56	X	0	0	0 %100
46	M56	Z	-0.709	-0.709	0 %100
47	M57	X	0	0	0 %100
48	M57	Z	-0.758	-0.758	0 %100
49	M58	X	0	0	0 %100
50	M58	Z	-0.758	-0.758	0 %100
51	M61	X	0	0	0 %100
52	M61	Z	-0.174	-0.174	0 %100
53	M62	X	0	0	0 %100
54	M62	Z	-0.709	-0.709	0 %100
55	M63	X	0	0	0 %100
56	M63	Z	-0.709	-0.709	0 %100
57	M68	X	0	0	0 %100
58	M68	Z	-0.174	-0.174	0 %100
59	M69	X	0	0	0 %100
60	M69	Z	-0.709	-0.709	0 %100
61	M70	X	0	0	0 %100
62	M70	Z	-0.709	-0.709	0 %100
63	MP1A	X	0	0	0 %100
64	MP1A	Z	-0.617	-0.617	0 %100
65	MP3A	X	0	0	0 %100
66	MP3A	Z	-0.617	-0.617	0 %100
67	MP4A	X	0	0	0 %100
68	MP4A	Z	-0.617	-0.617	0 %100
69	MP5A	X	0	0	0 %100
70	MP5A	Z	-0.617	-0.617	0 %100
71	MP1C	X	0	0	0 %100
72	MP1C	Z	-0.617	-0.617	0 %100
73	MP3C	X	0	0	0 %100
74	MP3C	Z	-0.617	-0.617	0 %100
75	MP4C	X	0	0	0 %100
76	MP4C	Z	-0.617	-0.617	0 %100
77	MP5C	X	0	0	0 %100
78	MP5C	Z	-0.617	-0.617	0 %100



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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, %]	
79	MP1B	X	0	0	0	%100
80	MP1B	Z	-.617	-.617	0	%100
81	MP3B	X	0	0	0	%100
82	MP3B	Z	-.617	-.617	0	%100
83	MP4B	X	0	0	0	%100
84	MP4B	Z	-.617	-.617	0	%100
85	MP5B	X	0	0	0	%100
86	MP5B	Z	-.617	-.617	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-.617	-.617	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-.617	-.617	0	%100
91	MP2B	X	0	0	0	%100
92	MP2B	Z	-.617	-.617	0	%100
93	M106	X	0	0	0	%100
94	M106	Z	-.378	-.378	0	%100
95	M107	X	0	0	0	%100
96	M107	Z	-.503	-.503	0	%100
97	M108	X	0	0	0	%100
98	M108	Z	-.866	-.866	0	%100
99	M109	X	0	0	0	%100
100	M109	Z	-.866	-.866	0	%100
101	M110	X	0	0	0	%100
102	M110	Z	-.136	-.136	0	%100
103	M111	X	0	0	0	%100
104	M111	Z	-.136	-.136	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	-.136	-.136	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	-.136	-.136	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	-.136	-.136	0	%100
111	OVP	X	0	0	0	%100
112	OVP	Z	-.538	-.538	0	%100
113	M103A	X	0	0	0	%100
114	M103A	Z	-.709	-.709	0	%100
115	M104A	X	0	0	0	%100
116	M104A	Z	-.709	-.709	0	%100
117	M105	X	0	0	0	%100
118	M105	Z	-.174	-.174	0	%100
119	M106A	X	0	0	0	%100
120	M106A	Z	-.448	-.448	0	%100
121	M107A	X	0	0	0	%100
122	M107A	Z	-.448	-.448	0	%100
123	M108C	X	0	0	0	%100
124	M108C	Z	-.709	-.709	0	%100
125	M109B	X	0	0	0	%100
126	M109B	Z	-.709	-.709	0	%100
127	M110B	X	0	0	0	%100
128	M110B	Z	-.174	-.174	0	%100
129	M111A	X	0	0	0	%100
130	M111A	Z	-.448	-.448	0	%100
131	M112A	X	0	0	0	%100
132	M112A	Z	-.448	-.448	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, %]
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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, %]
1	M1	X	.647	.647	0	%100
2	M1	Z	-1.12	-1.12	0	%100
3	M2	X	.647	.647	0	%100
4	M2	Z	-1.12	-1.12	0	%100
5	M3	X	.647	.647	0	%100
6	M3	Z	-1.12	-1.12	0	%100
7	M4	X	.647	.647	0	%100
8	M4	Z	-1.12	-1.12	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	.639	.639	0	%100
14	M7	Z	-1.107	-1.107	0	%100
15	M8	X	.639	.639	0	%100
16	M8	Z	-1.107	-1.107	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.037	.037	0	%100
20	M13	Z	-.063	-.063	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.037	.037	0	%100
24	M18	Z	-.063	-.063	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	.487	.487	0	%100
28	M26	Z	-.844	-.844	0	%100
29	M27	X	.487	.487	0	%100
30	M27	Z	-.844	-.844	0	%100
31	M34	X	.037	.037	0	%100
32	M34	Z	-.063	-.063	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	.037	.037	0	%100
36	M50	Z	-.063	-.063	0	%100
37	M52	X	.355	.355	0	%100
38	M52	Z	-.614	-.614	0	%100
39	M53	X	.355	.355	0	%100
40	M53	Z	-.614	-.614	0	%100
41	M54	X	.26	.26	0	%100
42	M54	Z	-.451	-.451	0	%100
43	M55	X	.355	.355	0	%100
44	M55	Z	-.614	-.614	0	%100
45	M56	X	.355	.355	0	%100
46	M56	Z	-.614	-.614	0	%100
47	M57	X	.327	.327	0	%100
48	M57	Z	-.567	-.567	0	%100
49	M58	X	.327	.327	0	%100
50	M58	Z	-.567	-.567	0	%100
51	M61	X	.26	.26	0	%100
52	M61	Z	-.451	-.451	0	%100
53	M62	X	.355	.355	0	%100
54	M62	Z	-.614	-.614	0	%100
55	M63	X	.355	.355	0	%100
56	M63	Z	-.614	-.614	0	%100
57	M68	X	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]	
58	M68	Z	0	0	0	%100
59	M69	X	.355	.355	0	%100
60	M69	Z	-.614	-.614	0	%100
61	M70	X	.355	.355	0	%100
62	M70	Z	-.614	-.614	0	%100
63	MP1A	X	.309	.309	0	%100
64	MP1A	Z	-.534	-.534	0	%100
65	MP3A	X	.309	.309	0	%100
66	MP3A	Z	-.534	-.534	0	%100
67	MP4A	X	.309	.309	0	%100
68	MP4A	Z	-.534	-.534	0	%100
69	MP5A	X	.309	.309	0	%100
70	MP5A	Z	-.534	-.534	0	%100
71	MP1C	X	.309	.309	0	%100
72	MP1C	Z	-.534	-.534	0	%100
73	MP3C	X	.309	.309	0	%100
74	MP3C	Z	-.534	-.534	0	%100
75	MP4C	X	.309	.309	0	%100
76	MP4C	Z	-.534	-.534	0	%100
77	MP5C	X	.309	.309	0	%100
78	MP5C	Z	-.534	-.534	0	%100
79	MP1B	X	.309	.309	0	%100
80	MP1B	Z	-.534	-.534	0	%100
81	MP3B	X	.309	.309	0	%100
82	MP3B	Z	-.534	-.534	0	%100
83	MP4B	X	.309	.309	0	%100
84	MP4B	Z	-.534	-.534	0	%100
85	MP5B	X	.309	.309	0	%100
86	MP5B	Z	-.534	-.534	0	%100
87	MP2A	X	.309	.309	0	%100
88	MP2A	Z	-.534	-.534	0	%100
89	MP2C	X	.309	.309	0	%100
90	MP2C	Z	-.534	-.534	0	%100
91	MP2B	X	.309	.309	0	%100
92	MP2B	Z	-.534	-.534	0	%100
93	M106	X	.567	.567	0	%100
94	M106	Z	-.982	-.982	0	%100
95	M107	X	.084	.084	0	%100
96	M107	Z	-.145	-.145	0	%100
97	M108	X	.433	.433	0	%100
98	M108	Z	-.75	-.75	0	%100
99	M109	X	.433	.433	0	%100
100	M109	Z	-.75	-.75	0	%100
101	M110	X	.023	.023	0	%100
102	M110	Z	-.039	-.039	0	%100
103	M111	X	.023	.023	0	%100
104	M111	Z	-.039	-.039	0	%100
105	M112	X	.023	.023	0	%100
106	M112	Z	-.039	-.039	0	%100
107	M113	X	.023	.023	0	%100
108	M113	Z	-.039	-.039	0	%100
109	M114	X	.023	.023	0	%100
110	M114	Z	-.039	-.039	0	%100
111	OVP	X	.269	.269	0	%100
112	OVP	Z	-.466	-.466	0	%100
113	M103A	X	.355	.355	0	%100
114	M103A	Z	-.614	-.614	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, %]
115	M104A	X	.355	.355	0	%100
116	M104A	Z	-.614	-.614	0	%100
117	M105	X	.26	.26	0	%100
118	M105	Z	-.451	-.451	0	%100
119	M106A	X	.327	.327	0	%100
120	M106A	Z	-.567	-.567	0	%100
121	M107A	X	.327	.327	0	%100
122	M107A	Z	-.567	-.567	0	%100
123	M108C	X	.355	.355	0	%100
124	M108C	Z	-.614	-.614	0	%100
125	M109B	X	.355	.355	0	%100
126	M109B	Z	-.614	-.614	0	%100
127	M110B	X	0	0	0	%100
128	M110B	Z	0	0	0	%100
129	M111A	X	.172	.172	0	%100
130	M111A	Z	-.299	-.299	0	%100
131	M112A	X	.172	.172	0	%100
132	M112A	Z	-.299	-.299	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	.373	.373	0	%100
2	M1	Z	-.216	-.216	0	%100
3	M2	X	.373	.373	0	%100
4	M2	Z	-.216	-.216	0	%100
5	M3	X	1.494	1.494	0	%100
6	M3	Z	-.862	-.862	0	%100
7	M4	X	1.494	1.494	0	%100
8	M4	Z	-.862	-.862	0	%100
9	M5	X	.373	.373	0	%100
10	M5	Z	-.216	-.216	0	%100
11	M6	X	.373	.373	0	%100
12	M6	Z	-.216	-.216	0	%100
13	M7	X	.369	.369	0	%100
14	M7	Z	-.213	-.213	0	%100
15	M8	X	1.476	1.476	0	%100
16	M8	Z	-.852	-.852	0	%100
17	M9	X	.369	.369	0	%100
18	M9	Z	-.213	-.213	0	%100
19	M13	X	.084	.084	0	%100
20	M13	Z	-.049	-.049	0	%100
21	M14A	X	.021	.021	0	%100
22	M14A	Z	-.012	-.012	0	%100
23	M18	X	.021	.021	0	%100
24	M18	Z	-.012	-.012	0	%100
25	M25	X	.281	.281	0	%100
26	M25	Z	-.162	-.162	0	%100
27	M26	X	.281	.281	0	%100
28	M26	Z	-.162	-.162	0	%100
29	M27	X	1.125	1.125	0	%100
30	M27	Z	-.65	-.65	0	%100
31	M34	X	.084	.084	0	%100
32	M34	Z	-.049	-.049	0	%100
33	M42	X	.021	.021	0	%100
34	M42	Z	-.012	-.012	0	%100
35	M50	X	.021	.021	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,%]
36	M50	Z	-.012	-.012	0 %100
37	M52	X	.614	.614	0 %100
38	M52	Z	-.355	-.355	0 %100
39	M53	X	.614	.614	0 %100
40	M53	Z	-.355	-.355	0 %100
41	M54	X	.15	.15	0 %100
42	M54	Z	-.087	-.087	0 %100
43	M55	X	.614	.614	0 %100
44	M55	Z	-.355	-.355	0 %100
45	M56	X	.614	.614	0 %100
46	M56	Z	-.355	-.355	0 %100
47	M57	X	.388	.388	0 %100
48	M57	Z	-.224	-.224	0 %100
49	M58	X	.388	.388	0 %100
50	M58	Z	-.224	-.224	0 %100
51	M61	X	.602	.602	0 %100
52	M61	Z	-.347	-.347	0 %100
53	M62	X	.614	.614	0 %100
54	M62	Z	-.355	-.355	0 %100
55	M63	X	.614	.614	0 %100
56	M63	Z	-.355	-.355	0 %100
57	M68	X	.15	.15	0 %100
58	M68	Z	-.087	-.087	0 %100
59	M69	X	.614	.614	0 %100
60	M69	Z	-.355	-.355	0 %100
61	M70	X	.614	.614	0 %100
62	M70	Z	-.355	-.355	0 %100
63	MP1A	X	.534	.534	0 %100
64	MP1A	Z	-.309	-.309	0 %100
65	MP3A	X	.534	.534	0 %100
66	MP3A	Z	-.309	-.309	0 %100
67	MP4A	X	.534	.534	0 %100
68	MP4A	Z	-.309	-.309	0 %100
69	MP5A	X	.534	.534	0 %100
70	MP5A	Z	-.309	-.309	0 %100
71	MP1C	X	.534	.534	0 %100
72	MP1C	Z	-.309	-.309	0 %100
73	MP3C	X	.534	.534	0 %100
74	MP3C	Z	-.309	-.309	0 %100
75	MP4C	X	.534	.534	0 %100
76	MP4C	Z	-.309	-.309	0 %100
77	MP5C	X	.534	.534	0 %100
78	MP5C	Z	-.309	-.309	0 %100
79	MP1B	X	.534	.534	0 %100
80	MP1B	Z	-.309	-.309	0 %100
81	MP3B	X	.534	.534	0 %100
82	MP3B	Z	-.309	-.309	0 %100
83	MP4B	X	.534	.534	0 %100
84	MP4B	Z	-.309	-.309	0 %100
85	MP5B	X	.534	.534	0 %100
86	MP5B	Z	-.309	-.309	0 %100
87	MP2A	X	.534	.534	0 %100
88	MP2A	Z	-.309	-.309	0 %100
89	MP2C	X	.534	.534	0 %100
90	MP2C	Z	-.309	-.309	0 %100
91	MP2B	X	.534	.534	0 %100
92	MP2B	Z	-.309	-.309	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, %]
93	M106	X	1.309	1.309	0	%100
94	M106	Z	-.756	-.756	0	%100
95	M107	X	0	0	0	%100
96	M107	Z	0	0	0	%100
97	M108	X	.75	.75	0	%100
98	M108	Z	-.433	-.433	0	%100
99	M109	X	.75	.75	0	%100
100	M109	Z	-.433	-.433	0	%100
101	M110	X	0	0	0	%100
102	M110	Z	0	0	0	%100
103	M111	X	0	0	0	%100
104	M111	Z	0	0	0	%100
105	M112	X	0	0	0	%100
106	M112	Z	0	0	0	%100
107	M113	X	0	0	0	%100
108	M113	Z	0	0	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	0	0	0	%100
111	OVP	X	.466	.466	0	%100
112	OVP	Z	-.269	-.269	0	%100
113	M103A	X	.614	.614	0	%100
114	M103A	Z	-.355	-.355	0	%100
115	M104A	X	.614	.614	0	%100
116	M104A	Z	-.355	-.355	0	%100
117	M105	X	.602	.602	0	%100
118	M105	Z	-.347	-.347	0	%100
119	M106A	X	.656	.656	0	%100
120	M106A	Z	-.379	-.379	0	%100
121	M107A	X	.656	.656	0	%100
122	M107A	Z	-.379	-.379	0	%100
123	M108C	X	.614	.614	0	%100
124	M108C	Z	-.355	-.355	0	%100
125	M109B	X	.614	.614	0	%100
126	M109B	Z	-.355	-.355	0	%100
127	M110B	X	.15	.15	0	%100
128	M110B	Z	-.087	-.087	0	%100
129	M111A	X	.388	.388	0	%100
130	M111A	Z	-.224	-.224	0	%100
131	M112A	X	.388	.388	0	%100
132	M112A	Z	-.224	-.224	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	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	1.294	1.294	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.294	1.294	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	1.294	1.294	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	1.294	1.294	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	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,%]	
14	M7	Z	0	0	0	%100
15	M8	X	1.278	1.278	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	1.278	1.278	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.073	.073	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.073	.073	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M25	X	.974	.974	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	.974	.974	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	.073	.073	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	.073	.073	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	0	0	0	%100
37	M52	X	.709	.709	0	%100
38	M52	Z	0	0	0	%100
39	M53	X	.709	.709	0	%100
40	M53	Z	0	0	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	.709	.709	0	%100
44	M55	Z	0	0	0	%100
45	M56	X	.709	.709	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	.345	.345	0	%100
48	M57	Z	0	0	0	%100
49	M58	X	.345	.345	0	%100
50	M58	Z	0	0	0	%100
51	M61	X	.521	.521	0	%100
52	M61	Z	0	0	0	%100
53	M62	X	.709	.709	0	%100
54	M62	Z	0	0	0	%100
55	M63	X	.709	.709	0	%100
56	M63	Z	0	0	0	%100
57	M68	X	.521	.521	0	%100
58	M68	Z	0	0	0	%100
59	M69	X	.709	.709	0	%100
60	M69	Z	0	0	0	%100
61	M70	X	.709	.709	0	%100
62	M70	Z	0	0	0	%100
63	MP1A	X	.617	.617	0	%100
64	MP1A	Z	0	0	0	%100
65	MP3A	X	.617	.617	0	%100
66	MP3A	Z	0	0	0	%100
67	MP4A	X	.617	.617	0	%100
68	MP4A	Z	0	0	0	%100
69	MP5A	X	.617	.617	0	%100
70	MP5A	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, %]
71	MP1C	X	.617	.617	0 %100
72	MP1C	Z	0	0	0 %100
73	MP3C	X	.617	.617	0 %100
74	MP3C	Z	0	0	0 %100
75	MP4C	X	.617	.617	0 %100
76	MP4C	Z	0	0	0 %100
77	MP5C	X	.617	.617	0 %100
78	MP5C	Z	0	0	0 %100
79	MP1B	X	.617	.617	0 %100
80	MP1B	Z	0	0	0 %100
81	MP3B	X	.617	.617	0 %100
82	MP3B	Z	0	0	0 %100
83	MP4B	X	.617	.617	0 %100
84	MP4B	Z	0	0	0 %100
85	MP5B	X	.617	.617	0 %100
86	MP5B	Z	0	0	0 %100
87	MP2A	X	.617	.617	0 %100
88	MP2A	Z	0	0	0 %100
89	MP2C	X	.617	.617	0 %100
90	MP2C	Z	0	0	0 %100
91	MP2B	X	.617	.617	0 %100
92	MP2B	Z	0	0	0 %100
93	M106	X	1.134	1.134	0 %100
94	M106	Z	0	0	0 %100
95	M107	X	.168	.168	0 %100
96	M107	Z	0	0	0 %100
97	M108	X	.866	.866	0 %100
98	M108	Z	0	0	0 %100
99	M109	X	.866	.866	0 %100
100	M109	Z	0	0	0 %100
101	M110	X	.045	.045	0 %100
102	M110	Z	0	0	0 %100
103	M111	X	.045	.045	0 %100
104	M111	Z	0	0	0 %100
105	M112	X	.045	.045	0 %100
106	M112	Z	0	0	0 %100
107	M113	X	.045	.045	0 %100
108	M113	Z	0	0	0 %100
109	M114	X	.045	.045	0 %100
110	M114	Z	0	0	0 %100
111	OVP	X	.538	.538	0 %100
112	OVP	Z	0	0	0 %100
113	M103A	X	.709	.709	0 %100
114	M103A	Z	0	0	0 %100
115	M104A	X	.709	.709	0 %100
116	M104A	Z	0	0	0 %100
117	M105	X	.521	.521	0 %100
118	M105	Z	0	0	0 %100
119	M106A	X	.655	.655	0 %100
120	M106A	Z	0	0	0 %100
121	M107A	X	.655	.655	0 %100
122	M107A	Z	0	0	0 %100
123	M108C	X	.709	.709	0 %100
124	M108C	Z	0	0	0 %100
125	M109B	X	.709	.709	0 %100
126	M109B	Z	0	0	0 %100
127	M110B	X	.521	.521	0 %100



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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, %]
128	M110B	Z	0	0	0	%100
129	M111A	X	.655	.655	0	%100
130	M111A	Z	0	0	0	%100
131	M112A	X	.655	.655	0	%100
132	M112A	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	.373	.373	0	%100
2	M1	Z	.216	.216	0	%100
3	M2	X	.373	.373	0	%100
4	M2	Z	.216	.216	0	%100
5	M3	X	.373	.373	0	%100
6	M3	Z	.216	.216	0	%100
7	M4	X	.373	.373	0	%100
8	M4	Z	.216	.216	0	%100
9	M5	X	1.494	1.494	0	%100
10	M5	Z	.862	.862	0	%100
11	M6	X	1.494	1.494	0	%100
12	M6	Z	.862	.862	0	%100
13	M7	X	.369	.369	0	%100
14	M7	Z	.213	.213	0	%100
15	M8	X	.369	.369	0	%100
16	M8	Z	.213	.213	0	%100
17	M9	X	1.476	1.476	0	%100
18	M9	Z	.852	.852	0	%100
19	M13	X	.021	.021	0	%100
20	M13	Z	.012	.012	0	%100
21	M14A	X	.084	.084	0	%100
22	M14A	Z	.049	.049	0	%100
23	M18	X	.021	.021	0	%100
24	M18	Z	.012	.012	0	%100
25	M25	X	1.125	1.125	0	%100
26	M25	Z	.65	.65	0	%100
27	M26	X	.281	.281	0	%100
28	M26	Z	.162	.162	0	%100
29	M27	X	.281	.281	0	%100
30	M27	Z	.162	.162	0	%100
31	M34	X	.021	.021	0	%100
32	M34	Z	.012	.012	0	%100
33	M42	X	.084	.084	0	%100
34	M42	Z	.049	.049	0	%100
35	M50	X	.021	.021	0	%100
36	M50	Z	.012	.012	0	%100
37	M52	X	.614	.614	0	%100
38	M52	Z	.355	.355	0	%100
39	M53	X	.614	.614	0	%100
40	M53	Z	.355	.355	0	%100
41	M54	X	.15	.15	0	%100
42	M54	Z	.087	.087	0	%100
43	M55	X	.614	.614	0	%100
44	M55	Z	.355	.355	0	%100
45	M56	X	.614	.614	0	%100
46	M56	Z	.355	.355	0	%100
47	M57	X	.388	.388	0	%100
48	M57	Z	.224	.224	0	%100



Company :
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 Job Number : Project No. 10207613
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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, %]
49	M58	X	.388	.388	0 %100
50	M58	Z	.224	.224	0 %100
51	M61	X	.15	.15	0 %100
52	M61	Z	.087	.087	0 %100
53	M62	X	.614	.614	0 %100
54	M62	Z	.355	.355	0 %100
55	M63	X	.614	.614	0 %100
56	M63	Z	.355	.355	0 %100
57	M68	X	.602	.602	0 %100
58	M68	Z	.347	.347	0 %100
59	M69	X	.614	.614	0 %100
60	M69	Z	.355	.355	0 %100
61	M70	X	.614	.614	0 %100
62	M70	Z	.355	.355	0 %100
63	MP1A	X	.534	.534	0 %100
64	MP1A	Z	.309	.309	0 %100
65	MP3A	X	.534	.534	0 %100
66	MP3A	Z	.309	.309	0 %100
67	MP4A	X	.534	.534	0 %100
68	MP4A	Z	.309	.309	0 %100
69	MP5A	X	.534	.534	0 %100
70	MP5A	Z	.309	.309	0 %100
71	MP1C	X	.534	.534	0 %100
72	MP1C	Z	.309	.309	0 %100
73	MP3C	X	.534	.534	0 %100
74	MP3C	Z	.309	.309	0 %100
75	MP4C	X	.534	.534	0 %100
76	MP4C	Z	.309	.309	0 %100
77	MP5C	X	.534	.534	0 %100
78	MP5C	Z	.309	.309	0 %100
79	MP1B	X	.534	.534	0 %100
80	MP1B	Z	.309	.309	0 %100
81	MP3B	X	.534	.534	0 %100
82	MP3B	Z	.309	.309	0 %100
83	MP4B	X	.534	.534	0 %100
84	MP4B	Z	.309	.309	0 %100
85	MP5B	X	.534	.534	0 %100
86	MP5B	Z	.309	.309	0 %100
87	MP2A	X	.534	.534	0 %100
88	MP2A	Z	.309	.309	0 %100
89	MP2C	X	.534	.534	0 %100
90	MP2C	Z	.309	.309	0 %100
91	MP2B	X	.534	.534	0 %100
92	MP2B	Z	.309	.309	0 %100
93	M106	X	.327	.327	0 %100
94	M106	Z	.189	.189	0 %100
95	M107	X	.436	.436	0 %100
96	M107	Z	.252	.252	0 %100
97	M108	X	.75	.75	0 %100
98	M108	Z	.433	.433	0 %100
99	M109	X	.75	.75	0 %100
100	M109	Z	.433	.433	0 %100
101	M110	X	.118	.118	0 %100
102	M110	Z	.068	.068	0 %100
103	M111	X	.118	.118	0 %100
104	M111	Z	.068	.068	0 %100
105	M112	X	.118	.118	0 %100



Company :
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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, %]
106	M112	Z	.068	.068	0	%100
107	M113	X	.118	.118	0	%100
108	M113	Z	.068	.068	0	%100
109	M114	X	.118	.118	0	%100
110	M114	Z	.068	.068	0	%100
111	OVP	X	.466	.466	0	%100
112	OVP	Z	.269	.269	0	%100
113	M103A	X	.614	.614	0	%100
114	M103A	Z	.355	.355	0	%100
115	M104A	X	.614	.614	0	%100
116	M104A	Z	.355	.355	0	%100
117	M105	X	.15	.15	0	%100
118	M105	Z	.087	.087	0	%100
119	M106A	X	.388	.388	0	%100
120	M106A	Z	.224	.224	0	%100
121	M107A	X	.388	.388	0	%100
122	M107A	Z	.224	.224	0	%100
123	M108C	X	.614	.614	0	%100
124	M108C	Z	.355	.355	0	%100
125	M109B	X	.614	.614	0	%100
126	M109B	Z	.355	.355	0	%100
127	M110B	X	.602	.602	0	%100
128	M110B	Z	.347	.347	0	%100
129	M111A	X	.656	.656	0	%100
130	M111A	Z	.379	.379	0	%100
131	M112A	X	.656	.656	0	%100
132	M112A	Z	.379	.379	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	.647	.647	0	%100
2	M1	Z	1.12	1.12	0	%100
3	M2	X	.647	.647	0	%100
4	M2	Z	1.12	1.12	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.647	.647	0	%100
10	M5	Z	1.12	1.12	0	%100
11	M6	X	.647	.647	0	%100
12	M6	Z	1.12	1.12	0	%100
13	M7	X	.639	.639	0	%100
14	M7	Z	1.107	1.107	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	.639	.639	0	%100
18	M9	Z	1.107	1.107	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.037	.037	0	%100
22	M14A	Z	.063	.063	0	%100
23	M18	X	.037	.037	0	%100
24	M18	Z	.063	.063	0	%100
25	M25	X	.487	.487	0	%100
26	M25	Z	.844	.844	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, %]
27	M26	X	.487	.487	0	%100
28	M26	Z	.844	.844	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	.037	.037	0	%100
34	M42	Z	.063	.063	0	%100
35	M50	X	.037	.037	0	%100
36	M50	Z	.063	.063	0	%100
37	M52	X	.355	.355	0	%100
38	M52	Z	.614	.614	0	%100
39	M53	X	.355	.355	0	%100
40	M53	Z	.614	.614	0	%100
41	M54	X	.26	.26	0	%100
42	M54	Z	.451	.451	0	%100
43	M55	X	.355	.355	0	%100
44	M55	Z	.614	.614	0	%100
45	M56	X	.355	.355	0	%100
46	M56	Z	.614	.614	0	%100
47	M57	X	.327	.327	0	%100
48	M57	Z	.567	.567	0	%100
49	M58	X	.327	.327	0	%100
50	M58	Z	.567	.567	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	M62	X	.355	.355	0	%100
54	M62	Z	.614	.614	0	%100
55	M63	X	.355	.355	0	%100
56	M63	Z	.614	.614	0	%100
57	M68	X	.26	.26	0	%100
58	M68	Z	.451	.451	0	%100
59	M69	X	.355	.355	0	%100
60	M69	Z	.614	.614	0	%100
61	M70	X	.355	.355	0	%100
62	M70	Z	.614	.614	0	%100
63	MP1A	X	.309	.309	0	%100
64	MP1A	Z	.534	.534	0	%100
65	MP3A	X	.309	.309	0	%100
66	MP3A	Z	.534	.534	0	%100
67	MP4A	X	.309	.309	0	%100
68	MP4A	Z	.534	.534	0	%100
69	MP5A	X	.309	.309	0	%100
70	MP5A	Z	.534	.534	0	%100
71	MP1C	X	.309	.309	0	%100
72	MP1C	Z	.534	.534	0	%100
73	MP3C	X	.309	.309	0	%100
74	MP3C	Z	.534	.534	0	%100
75	MP4C	X	.309	.309	0	%100
76	MP4C	Z	.534	.534	0	%100
77	MP5C	X	.309	.309	0	%100
78	MP5C	Z	.534	.534	0	%100
79	MP1B	X	.309	.309	0	%100
80	MP1B	Z	.534	.534	0	%100
81	MP3B	X	.309	.309	0	%100
82	MP3B	Z	.534	.534	0	%100
83	MP4B	X	.309	.309	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, %]
84	MP4B	Z	.534	.534	0	%100
85	MP5B	X	.309	.309	0	%100
86	MP5B	Z	.534	.534	0	%100
87	MP2A	X	.309	.309	0	%100
88	MP2A	Z	.534	.534	0	%100
89	MP2C	X	.309	.309	0	%100
90	MP2C	Z	.534	.534	0	%100
91	MP2B	X	.309	.309	0	%100
92	MP2B	Z	.534	.534	0	%100
93	M106	X	0	0	0	%100
94	M106	Z	0	0	0	%100
95	M107	X	.336	.336	0	%100
96	M107	Z	.581	.581	0	%100
97	M108	X	.433	.433	0	%100
98	M108	Z	.75	.75	0	%100
99	M109	X	.433	.433	0	%100
100	M109	Z	.75	.75	0	%100
101	M110	X	.091	.091	0	%100
102	M110	Z	.157	.157	0	%100
103	M111	X	.091	.091	0	%100
104	M111	Z	.157	.157	0	%100
105	M112	X	.091	.091	0	%100
106	M112	Z	.157	.157	0	%100
107	M113	X	.091	.091	0	%100
108	M113	Z	.157	.157	0	%100
109	M114	X	.091	.091	0	%100
110	M114	Z	.157	.157	0	%100
111	OVP	X	.269	.269	0	%100
112	OVP	Z	.466	.466	0	%100
113	M103A	X	.355	.355	0	%100
114	M103A	Z	.614	.614	0	%100
115	M104A	X	.355	.355	0	%100
116	M104A	Z	.614	.614	0	%100
117	M105	X	0	0	0	%100
118	M105	Z	0	0	0	%100
119	M106A	X	.172	.172	0	%100
120	M106A	Z	.299	.299	0	%100
121	M107A	X	.172	.172	0	%100
122	M107A	Z	.299	.299	0	%100
123	M108C	X	.355	.355	0	%100
124	M108C	Z	.614	.614	0	%100
125	M109B	X	.355	.355	0	%100
126	M109B	Z	.614	.614	0	%100
127	M110B	X	.26	.26	0	%100
128	M110B	Z	.451	.451	0	%100
129	M111A	X	.327	.327	0	%100
130	M111A	Z	.567	.567	0	%100
131	M112A	X	.327	.327	0	%100
132	M112A	Z	.567	.567	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	1.725	1.725	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	1.725	1.725	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, %]
5	M3	X	0	0	%100
6	M3	Z	.431	.431	%100
7	M4	X	0	0	%100
8	M4	Z	.431	.431	%100
9	M5	X	0	0	%100
10	M5	Z	.431	.431	%100
11	M6	X	0	0	%100
12	M6	Z	.431	.431	%100
13	M7	X	0	0	%100
14	M7	Z	1.705	1.705	%100
15	M8	X	0	0	%100
16	M8	Z	.426	.426	%100
17	M9	X	0	0	%100
18	M9	Z	.426	.426	%100
19	M13	X	0	0	%100
20	M13	Z	.024	.024	%100
21	M14A	X	0	0	%100
22	M14A	Z	.024	.024	%100
23	M18	X	0	0	%100
24	M18	Z	.097	.097	%100
25	M25	X	0	0	%100
26	M25	Z	.325	.325	%100
27	M26	X	0	0	%100
28	M26	Z	1.299	1.299	%100
29	M27	X	0	0	%100
30	M27	Z	.325	.325	%100
31	M34	X	0	0	%100
32	M34	Z	.024	.024	%100
33	M42	X	0	0	%100
34	M42	Z	.024	.024	%100
35	M50	X	0	0	%100
36	M50	Z	.097	.097	%100
37	M52	X	0	0	%100
38	M52	Z	.709	.709	%100
39	M53	X	0	0	%100
40	M53	Z	.709	.709	%100
41	M54	X	0	0	%100
42	M54	Z	.695	.695	%100
43	M55	X	0	0	%100
44	M55	Z	.709	.709	%100
45	M56	X	0	0	%100
46	M56	Z	.709	.709	%100
47	M57	X	0	0	%100
48	M57	Z	.758	.758	%100
49	M58	X	0	0	%100
50	M58	Z	.758	.758	%100
51	M61	X	0	0	%100
52	M61	Z	.174	.174	%100
53	M62	X	0	0	%100
54	M62	Z	.709	.709	%100
55	M63	X	0	0	%100
56	M63	Z	.709	.709	%100
57	M68	X	0	0	%100
58	M68	Z	.174	.174	%100
59	M69	X	0	0	%100
60	M69	Z	.709	.709	%100
61	M70	X	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M70	Z	.709	.709	0 %100
63	MP1A	X	0	0	0 %100
64	MP1A	Z	.617	.617	0 %100
65	MP3A	X	0	0	0 %100
66	MP3A	Z	.617	.617	0 %100
67	MP4A	X	0	0	0 %100
68	MP4A	Z	.617	.617	0 %100
69	MP5A	X	0	0	0 %100
70	MP5A	Z	.617	.617	0 %100
71	MP1C	X	0	0	0 %100
72	MP1C	Z	.617	.617	0 %100
73	MP3C	X	0	0	0 %100
74	MP3C	Z	.617	.617	0 %100
75	MP4C	X	0	0	0 %100
76	MP4C	Z	.617	.617	0 %100
77	MP5C	X	0	0	0 %100
78	MP5C	Z	.617	.617	0 %100
79	MP1B	X	0	0	0 %100
80	MP1B	Z	.617	.617	0 %100
81	MP3B	X	0	0	0 %100
82	MP3B	Z	.617	.617	0 %100
83	MP4B	X	0	0	0 %100
84	MP4B	Z	.617	.617	0 %100
85	MP5B	X	0	0	0 %100
86	MP5B	Z	.617	.617	0 %100
87	MP2A	X	0	0	0 %100
88	MP2A	Z	.617	.617	0 %100
89	MP2C	X	0	0	0 %100
90	MP2C	Z	.617	.617	0 %100
91	MP2B	X	0	0	0 %100
92	MP2B	Z	.617	.617	0 %100
93	M106	X	0	0	0 %100
94	M106	Z	.378	.378	0 %100
95	M107	X	0	0	0 %100
96	M107	Z	.503	.503	0 %100
97	M108	X	0	0	0 %100
98	M108	Z	.866	.866	0 %100
99	M109	X	0	0	0 %100
100	M109	Z	.866	.866	0 %100
101	M110	X	0	0	0 %100
102	M110	Z	.136	.136	0 %100
103	M111	X	0	0	0 %100
104	M111	Z	.136	.136	0 %100
105	M112	X	0	0	0 %100
106	M112	Z	.136	.136	0 %100
107	M113	X	0	0	0 %100
108	M113	Z	.136	.136	0 %100
109	M114	X	0	0	0 %100
110	M114	Z	.136	.136	0 %100
111	OVP	X	0	0	0 %100
112	OVP	Z	.538	.538	0 %100
113	M103A	X	0	0	0 %100
114	M103A	Z	.709	.709	0 %100
115	M104A	X	0	0	0 %100
116	M104A	Z	.709	.709	0 %100
117	M105	X	0	0	0 %100
118	M105	Z	.174	.174	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, %]
119	M106A	X	0	0	0	%100
120	M106A	Z	.448	.448	0	%100
121	M107A	X	0	0	0	%100
122	M107A	Z	.448	.448	0	%100
123	M108C	X	0	0	0	%100
124	M108C	Z	.709	.709	0	%100
125	M109B	X	0	0	0	%100
126	M109B	Z	.709	.709	0	%100
127	M110B	X	0	0	0	%100
128	M110B	Z	.174	.174	0	%100
129	M111A	X	0	0	0	%100
130	M111A	Z	.448	.448	0	%100
131	M112A	X	0	0	0	%100
132	M112A	Z	.448	.448	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	-.647	-.647	0	%100
2	M1	Z	1.12	1.12	0	%100
3	M2	X	-.647	-.647	0	%100
4	M2	Z	1.12	1.12	0	%100
5	M3	X	-.647	-.647	0	%100
6	M3	Z	1.12	1.12	0	%100
7	M4	X	-.647	-.647	0	%100
8	M4	Z	1.12	1.12	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-.639	-.639	0	%100
14	M7	Z	1.107	1.107	0	%100
15	M8	X	-.639	-.639	0	%100
16	M8	Z	1.107	1.107	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.037	-.037	0	%100
20	M13	Z	.063	.063	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.037	-.037	0	%100
24	M18	Z	.063	.063	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-.487	-.487	0	%100
28	M26	Z	.844	.844	0	%100
29	M27	X	-.487	-.487	0	%100
30	M27	Z	.844	.844	0	%100
31	M34	X	-.037	-.037	0	%100
32	M34	Z	.063	.063	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	-.037	-.037	0	%100
36	M50	Z	.063	.063	0	%100
37	M52	X	-.355	-.355	0	%100
38	M52	Z	.614	.614	0	%100
39	M53	X	-.355	-.355	0	%100



Company :
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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,%]
40	M53	Z	.614	.614	0 %100
41	M54	X	-.26	-.26	0 %100
42	M54	Z	.451	.451	0 %100
43	M55	X	-.355	-.355	0 %100
44	M55	Z	.614	.614	0 %100
45	M56	X	-.355	-.355	0 %100
46	M56	Z	.614	.614	0 %100
47	M57	X	-.327	-.327	0 %100
48	M57	Z	.567	.567	0 %100
49	M58	X	-.327	-.327	0 %100
50	M58	Z	.567	.567	0 %100
51	M61	X	-.26	-.26	0 %100
52	M61	Z	.451	.451	0 %100
53	M62	X	-.355	-.355	0 %100
54	M62	Z	.614	.614	0 %100
55	M63	X	-.355	-.355	0 %100
56	M63	Z	.614	.614	0 %100
57	M68	X	0	0	0 %100
58	M68	Z	0	0	0 %100
59	M69	X	-.355	-.355	0 %100
60	M69	Z	.614	.614	0 %100
61	M70	X	-.355	-.355	0 %100
62	M70	Z	.614	.614	0 %100
63	MP1A	X	-.309	-.309	0 %100
64	MP1A	Z	.534	.534	0 %100
65	MP3A	X	-.309	-.309	0 %100
66	MP3A	Z	.534	.534	0 %100
67	MP4A	X	-.309	-.309	0 %100
68	MP4A	Z	.534	.534	0 %100
69	MP5A	X	-.309	-.309	0 %100
70	MP5A	Z	.534	.534	0 %100
71	MP1C	X	-.309	-.309	0 %100
72	MP1C	Z	.534	.534	0 %100
73	MP3C	X	-.309	-.309	0 %100
74	MP3C	Z	.534	.534	0 %100
75	MP4C	X	-.309	-.309	0 %100
76	MP4C	Z	.534	.534	0 %100
77	MP5C	X	-.309	-.309	0 %100
78	MP5C	Z	.534	.534	0 %100
79	MP1B	X	-.309	-.309	0 %100
80	MP1B	Z	.534	.534	0 %100
81	MP3B	X	-.309	-.309	0 %100
82	MP3B	Z	.534	.534	0 %100
83	MP4B	X	-.309	-.309	0 %100
84	MP4B	Z	.534	.534	0 %100
85	MP5B	X	-.309	-.309	0 %100
86	MP5B	Z	.534	.534	0 %100
87	MP2A	X	-.309	-.309	0 %100
88	MP2A	Z	.534	.534	0 %100
89	MP2C	X	-.309	-.309	0 %100
90	MP2C	Z	.534	.534	0 %100
91	MP2B	X	-.309	-.309	0 %100
92	MP2B	Z	.534	.534	0 %100
93	M106	X	-.567	-.567	0 %100
94	M106	Z	.982	.982	0 %100
95	M107	X	-.084	-.084	0 %100
96	M107	Z	.145	.145	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, %]
97	M108	X	-.433	-.433	0	%100
98	M108	Z	.75	.75	0	%100
99	M109	X	-.433	-.433	0	%100
100	M109	Z	.75	.75	0	%100
101	M110	X	-.023	-.023	0	%100
102	M110	Z	.039	.039	0	%100
103	M111	X	-.023	-.023	0	%100
104	M111	Z	.039	.039	0	%100
105	M112	X	-.023	-.023	0	%100
106	M112	Z	.039	.039	0	%100
107	M113	X	-.023	-.023	0	%100
108	M113	Z	.039	.039	0	%100
109	M114	X	-.023	-.023	0	%100
110	M114	Z	.039	.039	0	%100
111	OVP	X	-.269	-.269	0	%100
112	OVP	Z	.466	.466	0	%100
113	M103A	X	-.355	-.355	0	%100
114	M103A	Z	.614	.614	0	%100
115	M104A	X	-.355	-.355	0	%100
116	M104A	Z	.614	.614	0	%100
117	M105	X	-.26	-.26	0	%100
118	M105	Z	.451	.451	0	%100
119	M106A	X	-.327	-.327	0	%100
120	M106A	Z	.567	.567	0	%100
121	M107A	X	-.327	-.327	0	%100
122	M107A	Z	.567	.567	0	%100
123	M108C	X	-.355	-.355	0	%100
124	M108C	Z	.614	.614	0	%100
125	M109B	X	-.355	-.355	0	%100
126	M109B	Z	.614	.614	0	%100
127	M110B	X	0	0	0	%100
128	M110B	Z	0	0	0	%100
129	M111A	X	-.172	-.172	0	%100
130	M111A	Z	.299	.299	0	%100
131	M112A	X	-.172	-.172	0	%100
132	M112A	Z	.299	.299	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	-.373	-.373	0	%100
2	M1	Z	.216	.216	0	%100
3	M2	X	-.373	-.373	0	%100
4	M2	Z	.216	.216	0	%100
5	M3	X	-1.494	-1.494	0	%100
6	M3	Z	.862	.862	0	%100
7	M4	X	-1.494	-1.494	0	%100
8	M4	Z	.862	.862	0	%100
9	M5	X	-.373	-.373	0	%100
10	M5	Z	.216	.216	0	%100
11	M6	X	-.373	-.373	0	%100
12	M6	Z	.216	.216	0	%100
13	M7	X	-.369	-.369	0	%100
14	M7	Z	.213	.213	0	%100
15	M8	X	-1.476	-1.476	0	%100
16	M8	Z	.852	.852	0	%100
17	M9	X	-.369	-.369	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, %]
18	M9	Z	.213	.213	0 %100
19	M13	X	-.084	-.084	0 %100
20	M13	Z	.049	.049	0 %100
21	M14A	X	-.021	-.021	0 %100
22	M14A	Z	.012	.012	0 %100
23	M18	X	-.021	-.021	0 %100
24	M18	Z	.012	.012	0 %100
25	M25	X	-.281	-.281	0 %100
26	M25	Z	.162	.162	0 %100
27	M26	X	-.281	-.281	0 %100
28	M26	Z	.162	.162	0 %100
29	M27	X	-1.125	-1.125	0 %100
30	M27	Z	.65	.65	0 %100
31	M34	X	-.084	-.084	0 %100
32	M34	Z	.049	.049	0 %100
33	M42	X	-.021	-.021	0 %100
34	M42	Z	.012	.012	0 %100
35	M50	X	-.021	-.021	0 %100
36	M50	Z	.012	.012	0 %100
37	M52	X	-.614	-.614	0 %100
38	M52	Z	.355	.355	0 %100
39	M53	X	-.614	-.614	0 %100
40	M53	Z	.355	.355	0 %100
41	M54	X	-.15	-.15	0 %100
42	M54	Z	.087	.087	0 %100
43	M55	X	-.614	-.614	0 %100
44	M55	Z	.355	.355	0 %100
45	M56	X	-.614	-.614	0 %100
46	M56	Z	.355	.355	0 %100
47	M57	X	-.388	-.388	0 %100
48	M57	Z	.224	.224	0 %100
49	M58	X	-.388	-.388	0 %100
50	M58	Z	.224	.224	0 %100
51	M61	X	-.602	-.602	0 %100
52	M61	Z	.347	.347	0 %100
53	M62	X	-.614	-.614	0 %100
54	M62	Z	.355	.355	0 %100
55	M63	X	-.614	-.614	0 %100
56	M63	Z	.355	.355	0 %100
57	M68	X	-.15	-.15	0 %100
58	M68	Z	.087	.087	0 %100
59	M69	X	-.614	-.614	0 %100
60	M69	Z	.355	.355	0 %100
61	M70	X	-.614	-.614	0 %100
62	M70	Z	.355	.355	0 %100
63	MP1A	X	-.534	-.534	0 %100
64	MP1A	Z	.309	.309	0 %100
65	MP3A	X	-.534	-.534	0 %100
66	MP3A	Z	.309	.309	0 %100
67	MP4A	X	-.534	-.534	0 %100
68	MP4A	Z	.309	.309	0 %100
69	MP5A	X	-.534	-.534	0 %100
70	MP5A	Z	.309	.309	0 %100
71	MP1C	X	-.534	-.534	0 %100
72	MP1C	Z	.309	.309	0 %100
73	MP3C	X	-.534	-.534	0 %100
74	MP3C	Z	.309	.309	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, %]
75	MP4C	X	-.534	-.534	0 %100
76	MP4C	Z	.309	.309	0 %100
77	MP5C	X	-.534	-.534	0 %100
78	MP5C	Z	.309	.309	0 %100
79	MP1B	X	-.534	-.534	0 %100
80	MP1B	Z	.309	.309	0 %100
81	MP3B	X	-.534	-.534	0 %100
82	MP3B	Z	.309	.309	0 %100
83	MP4B	X	-.534	-.534	0 %100
84	MP4B	Z	.309	.309	0 %100
85	MP5B	X	-.534	-.534	0 %100
86	MP5B	Z	.309	.309	0 %100
87	MP2A	X	-.534	-.534	0 %100
88	MP2A	Z	.309	.309	0 %100
89	MP2C	X	-.534	-.534	0 %100
90	MP2C	Z	.309	.309	0 %100
91	MP2B	X	-.534	-.534	0 %100
92	MP2B	Z	.309	.309	0 %100
93	M106	X	-1.309	-1.309	0 %100
94	M106	Z	.756	.756	0 %100
95	M107	X	0	0	0 %100
96	M107	Z	0	0	0 %100
97	M108	X	-.75	-.75	0 %100
98	M108	Z	.433	.433	0 %100
99	M109	X	-.75	-.75	0 %100
100	M109	Z	.433	.433	0 %100
101	M110	X	0	0	0 %100
102	M110	Z	0	0	0 %100
103	M111	X	0	0	0 %100
104	M111	Z	0	0	0 %100
105	M112	X	0	0	0 %100
106	M112	Z	0	0	0 %100
107	M113	X	0	0	0 %100
108	M113	Z	0	0	0 %100
109	M114	X	0	0	0 %100
110	M114	Z	0	0	0 %100
111	OVP	X	-.466	-.466	0 %100
112	OVP	Z	.269	.269	0 %100
113	M103A	X	-.614	-.614	0 %100
114	M103A	Z	.355	.355	0 %100
115	M104A	X	-.614	-.614	0 %100
116	M104A	Z	.355	.355	0 %100
117	M105	X	-.602	-.602	0 %100
118	M105	Z	.347	.347	0 %100
119	M106A	X	-.656	-.656	0 %100
120	M106A	Z	.379	.379	0 %100
121	M107A	X	-.656	-.656	0 %100
122	M107A	Z	.379	.379	0 %100
123	M108C	X	-.614	-.614	0 %100
124	M108C	Z	.355	.355	0 %100
125	M109B	X	-.614	-.614	0 %100
126	M109B	Z	.355	.355	0 %100
127	M110B	X	-.15	-.15	0 %100
128	M110B	Z	.087	.087	0 %100
129	M111A	X	-.388	-.388	0 %100
130	M111A	Z	.224	.224	0 %100
131	M112A	X	-.388	-.388	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, %]
132	M112A	Z	.224	.224	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	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-1.294	-1.294	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.294	-1.294	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-1.294	-1.294	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-1.294	-1.294	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-1.278	-1.278	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-1.278	-1.278	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.073	-.073	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.073	-.073	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M25	X	-.974	-.974	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-.974	-.974	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	-.073	-.073	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	-.073	-.073	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	0	0	0	%100
37	M52	X	-.709	-.709	0	%100
38	M52	Z	0	0	0	%100
39	M53	X	-.709	-.709	0	%100
40	M53	Z	0	0	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	-.709	-.709	0	%100
44	M55	Z	0	0	0	%100
45	M56	X	-.709	-.709	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	-.345	-.345	0	%100
48	M57	Z	0	0	0	%100
49	M58	X	-.345	-.345	0	%100
50	M58	Z	0	0	0	%100
51	M61	X	-.521	-.521	0	%100
52	M61	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, %]
53	M62	X	-709	-709	0 %100
54	M62	Z	0	0	0 %100
55	M63	X	-709	-709	0 %100
56	M63	Z	0	0	0 %100
57	M68	X	-521	-521	0 %100
58	M68	Z	0	0	0 %100
59	M69	X	-709	-709	0 %100
60	M69	Z	0	0	0 %100
61	M70	X	-709	-709	0 %100
62	M70	Z	0	0	0 %100
63	MP1A	X	-617	-617	0 %100
64	MP1A	Z	0	0	0 %100
65	MP3A	X	-617	-617	0 %100
66	MP3A	Z	0	0	0 %100
67	MP4A	X	-617	-617	0 %100
68	MP4A	Z	0	0	0 %100
69	MP5A	X	-617	-617	0 %100
70	MP5A	Z	0	0	0 %100
71	MP1C	X	-617	-617	0 %100
72	MP1C	Z	0	0	0 %100
73	MP3C	X	-617	-617	0 %100
74	MP3C	Z	0	0	0 %100
75	MP4C	X	-617	-617	0 %100
76	MP4C	Z	0	0	0 %100
77	MP5C	X	-617	-617	0 %100
78	MP5C	Z	0	0	0 %100
79	MP1B	X	-617	-617	0 %100
80	MP1B	Z	0	0	0 %100
81	MP3B	X	-617	-617	0 %100
82	MP3B	Z	0	0	0 %100
83	MP4B	X	-617	-617	0 %100
84	MP4B	Z	0	0	0 %100
85	MP5B	X	-617	-617	0 %100
86	MP5B	Z	0	0	0 %100
87	MP2A	X	-617	-617	0 %100
88	MP2A	Z	0	0	0 %100
89	MP2C	X	-617	-617	0 %100
90	MP2C	Z	0	0	0 %100
91	MP2B	X	-617	-617	0 %100
92	MP2B	Z	0	0	0 %100
93	M106	X	-1.134	-1.134	0 %100
94	M106	Z	0	0	0 %100
95	M107	X	-.168	-.168	0 %100
96	M107	Z	0	0	0 %100
97	M108	X	-.866	-.866	0 %100
98	M108	Z	0	0	0 %100
99	M109	X	-.866	-.866	0 %100
100	M109	Z	0	0	0 %100
101	M110	X	-.045	-.045	0 %100
102	M110	Z	0	0	0 %100
103	M111	X	-.045	-.045	0 %100
104	M111	Z	0	0	0 %100
105	M112	X	-.045	-.045	0 %100
106	M112	Z	0	0	0 %100
107	M113	X	-.045	-.045	0 %100
108	M113	Z	0	0	0 %100
109	M114	X	-.045	-.045	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, %]
110	M114	Z	0	0	0	%100
111	OVP	X	-.538	-.538	0	%100
112	OVP	Z	0	0	0	%100
113	M103A	X	-.709	-.709	0	%100
114	M103A	Z	0	0	0	%100
115	M104A	X	-.709	-.709	0	%100
116	M104A	Z	0	0	0	%100
117	M105	X	-.521	-.521	0	%100
118	M105	Z	0	0	0	%100
119	M106A	X	-.655	-.655	0	%100
120	M106A	Z	0	0	0	%100
121	M107A	X	-.655	-.655	0	%100
122	M107A	Z	0	0	0	%100
123	M108C	X	-.709	-.709	0	%100
124	M108C	Z	0	0	0	%100
125	M109B	X	-.709	-.709	0	%100
126	M109B	Z	0	0	0	%100
127	M110B	X	-.521	-.521	0	%100
128	M110B	Z	0	0	0	%100
129	M111A	X	-.655	-.655	0	%100
130	M111A	Z	0	0	0	%100
131	M112A	X	-.655	-.655	0	%100
132	M112A	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	-.373	-.373	0	%100
2	M1	Z	-.216	-.216	0	%100
3	M2	X	-.373	-.373	0	%100
4	M2	Z	-.216	-.216	0	%100
5	M3	X	-.373	-.373	0	%100
6	M3	Z	-.216	-.216	0	%100
7	M4	X	-.373	-.373	0	%100
8	M4	Z	-.216	-.216	0	%100
9	M5	X	-1.494	-1.494	0	%100
10	M5	Z	-.862	-.862	0	%100
11	M6	X	-1.494	-1.494	0	%100
12	M6	Z	-.862	-.862	0	%100
13	M7	X	-.369	-.369	0	%100
14	M7	Z	-.213	-.213	0	%100
15	M8	X	-.369	-.369	0	%100
16	M8	Z	-.213	-.213	0	%100
17	M9	X	-1.476	-1.476	0	%100
18	M9	Z	-.852	-.852	0	%100
19	M13	X	-.021	-.021	0	%100
20	M13	Z	-.012	-.012	0	%100
21	M14A	X	-.084	-.084	0	%100
22	M14A	Z	-.049	-.049	0	%100
23	M18	X	-.021	-.021	0	%100
24	M18	Z	-.012	-.012	0	%100
25	M25	X	-1.125	-1.125	0	%100
26	M25	Z	-.65	-.65	0	%100
27	M26	X	-.281	-.281	0	%100
28	M26	Z	-.162	-.162	0	%100
29	M27	X	-.281	-.281	0	%100
30	M27	Z	-.162	-.162	0	%100



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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, %]
31	M34	X	-0.021	-0.021	0 %100
32	M34	Z	-0.012	-0.012	0 %100
33	M42	X	-0.084	-0.084	0 %100
34	M42	Z	-0.049	-0.049	0 %100
35	M50	X	-0.021	-0.021	0 %100
36	M50	Z	-0.012	-0.012	0 %100
37	M52	X	-0.614	-0.614	0 %100
38	M52	Z	-0.355	-0.355	0 %100
39	M53	X	-0.614	-0.614	0 %100
40	M53	Z	-0.355	-0.355	0 %100
41	M54	X	-0.15	-0.15	0 %100
42	M54	Z	-0.087	-0.087	0 %100
43	M55	X	-0.614	-0.614	0 %100
44	M55	Z	-0.355	-0.355	0 %100
45	M56	X	-0.614	-0.614	0 %100
46	M56	Z	-0.355	-0.355	0 %100
47	M57	X	-0.388	-0.388	0 %100
48	M57	Z	-0.224	-0.224	0 %100
49	M58	X	-0.388	-0.388	0 %100
50	M58	Z	-0.224	-0.224	0 %100
51	M61	X	-0.15	-0.15	0 %100
52	M61	Z	-0.087	-0.087	0 %100
53	M62	X	-0.614	-0.614	0 %100
54	M62	Z	-0.355	-0.355	0 %100
55	M63	X	-0.614	-0.614	0 %100
56	M63	Z	-0.355	-0.355	0 %100
57	M68	X	-0.602	-0.602	0 %100
58	M68	Z	-0.347	-0.347	0 %100
59	M69	X	-0.614	-0.614	0 %100
60	M69	Z	-0.355	-0.355	0 %100
61	M70	X	-0.614	-0.614	0 %100
62	M70	Z	-0.355	-0.355	0 %100
63	MP1A	X	-0.534	-0.534	0 %100
64	MP1A	Z	-0.309	-0.309	0 %100
65	MP3A	X	-0.534	-0.534	0 %100
66	MP3A	Z	-0.309	-0.309	0 %100
67	MP4A	X	-0.534	-0.534	0 %100
68	MP4A	Z	-0.309	-0.309	0 %100
69	MP5A	X	-0.534	-0.534	0 %100
70	MP5A	Z	-0.309	-0.309	0 %100
71	MP1C	X	-0.534	-0.534	0 %100
72	MP1C	Z	-0.309	-0.309	0 %100
73	MP3C	X	-0.534	-0.534	0 %100
74	MP3C	Z	-0.309	-0.309	0 %100
75	MP4C	X	-0.534	-0.534	0 %100
76	MP4C	Z	-0.309	-0.309	0 %100
77	MP5C	X	-0.534	-0.534	0 %100
78	MP5C	Z	-0.309	-0.309	0 %100
79	MP1B	X	-0.534	-0.534	0 %100
80	MP1B	Z	-0.309	-0.309	0 %100
81	MP3B	X	-0.534	-0.534	0 %100
82	MP3B	Z	-0.309	-0.309	0 %100
83	MP4B	X	-0.534	-0.534	0 %100
84	MP4B	Z	-0.309	-0.309	0 %100
85	MP5B	X	-0.534	-0.534	0 %100
86	MP5B	Z	-0.309	-0.309	0 %100
87	MP2A	X	-0.534	-0.534	0 %100



Company :
 Designer : AE
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 Model Name : e

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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, %]
88	MP2A	Z	-.309	-.309	0	%100
89	MP2C	X	-.534	-.534	0	%100
90	MP2C	Z	-.309	-.309	0	%100
91	MP2B	X	-.534	-.534	0	%100
92	MP2B	Z	-.309	-.309	0	%100
93	M106	X	-.327	-.327	0	%100
94	M106	Z	-.189	-.189	0	%100
95	M107	X	-.436	-.436	0	%100
96	M107	Z	-.252	-.252	0	%100
97	M108	X	-.75	-.75	0	%100
98	M108	Z	-.433	-.433	0	%100
99	M109	X	-.75	-.75	0	%100
100	M109	Z	-.433	-.433	0	%100
101	M110	X	-.118	-.118	0	%100
102	M110	Z	-.068	-.068	0	%100
103	M111	X	-.118	-.118	0	%100
104	M111	Z	-.068	-.068	0	%100
105	M112	X	-.118	-.118	0	%100
106	M112	Z	-.068	-.068	0	%100
107	M113	X	-.118	-.118	0	%100
108	M113	Z	-.068	-.068	0	%100
109	M114	X	-.118	-.118	0	%100
110	M114	Z	-.068	-.068	0	%100
111	OVP	X	-.466	-.466	0	%100
112	OVP	Z	-.269	-.269	0	%100
113	M103A	X	-.614	-.614	0	%100
114	M103A	Z	-.355	-.355	0	%100
115	M104A	X	-.614	-.614	0	%100
116	M104A	Z	-.355	-.355	0	%100
117	M105	X	-.15	-.15	0	%100
118	M105	Z	-.087	-.087	0	%100
119	M106A	X	-.388	-.388	0	%100
120	M106A	Z	-.224	-.224	0	%100
121	M107A	X	-.388	-.388	0	%100
122	M107A	Z	-.224	-.224	0	%100
123	M108C	X	-.614	-.614	0	%100
124	M108C	Z	-.355	-.355	0	%100
125	M109B	X	-.614	-.614	0	%100
126	M109B	Z	-.355	-.355	0	%100
127	M110B	X	-.602	-.602	0	%100
128	M110B	Z	-.347	-.347	0	%100
129	M111A	X	-.656	-.656	0	%100
130	M111A	Z	-.379	-.379	0	%100
131	M112A	X	-.656	-.656	0	%100
132	M112A	Z	-.379	-.379	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	-.647	-.647	0	%100
2	M1	Z	-1.12	-1.12	0	%100
3	M2	X	-.647	-.647	0	%100
4	M2	Z	-1.12	-1.12	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	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, %]
9	M5	X	-0.647	-0.647	0	%100
10	M5	Z	-1.12	-1.12	0	%100
11	M6	X	-0.647	-0.647	0	%100
12	M6	Z	-1.12	-1.12	0	%100
13	M7	X	-0.639	-0.639	0	%100
14	M7	Z	-1.107	-1.107	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-0.639	-0.639	0	%100
18	M9	Z	-1.107	-1.107	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-0.037	-0.037	0	%100
22	M14A	Z	-0.063	-0.063	0	%100
23	M18	X	-0.037	-0.037	0	%100
24	M18	Z	-0.063	-0.063	0	%100
25	M25	X	-0.487	-0.487	0	%100
26	M25	Z	-0.844	-0.844	0	%100
27	M26	X	-0.487	-0.487	0	%100
28	M26	Z	-0.844	-0.844	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	-0.037	-0.037	0	%100
34	M42	Z	-0.063	-0.063	0	%100
35	M50	X	-0.037	-0.037	0	%100
36	M50	Z	-0.063	-0.063	0	%100
37	M52	X	-0.355	-0.355	0	%100
38	M52	Z	-0.614	-0.614	0	%100
39	M53	X	-0.355	-0.355	0	%100
40	M53	Z	-0.614	-0.614	0	%100
41	M54	X	-0.26	-0.26	0	%100
42	M54	Z	-0.451	-0.451	0	%100
43	M55	X	-0.355	-0.355	0	%100
44	M55	Z	-0.614	-0.614	0	%100
45	M56	X	-0.355	-0.355	0	%100
46	M56	Z	-0.614	-0.614	0	%100
47	M57	X	-0.327	-0.327	0	%100
48	M57	Z	-0.567	-0.567	0	%100
49	M58	X	-0.327	-0.327	0	%100
50	M58	Z	-0.567	-0.567	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	M62	X	-0.355	-0.355	0	%100
54	M62	Z	-0.614	-0.614	0	%100
55	M63	X	-0.355	-0.355	0	%100
56	M63	Z	-0.614	-0.614	0	%100
57	M68	X	-0.26	-0.26	0	%100
58	M68	Z	-0.451	-0.451	0	%100
59	M69	X	-0.355	-0.355	0	%100
60	M69	Z	-0.614	-0.614	0	%100
61	M70	X	-0.355	-0.355	0	%100
62	M70	Z	-0.614	-0.614	0	%100
63	MP1A	X	-0.309	-0.309	0	%100
64	MP1A	Z	-0.534	-0.534	0	%100
65	MP3A	X	-0.309	-0.309	0	%100



Company :
 Designer : AE
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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, %]
66	MP3A	Z	-534	-534	0 %100
67	MP4A	X	-309	-309	0 %100
68	MP4A	Z	-534	-534	0 %100
69	MP5A	X	-309	-309	0 %100
70	MP5A	Z	-534	-534	0 %100
71	MP1C	X	-309	-309	0 %100
72	MP1C	Z	-534	-534	0 %100
73	MP3C	X	-309	-309	0 %100
74	MP3C	Z	-534	-534	0 %100
75	MP4C	X	-309	-309	0 %100
76	MP4C	Z	-534	-534	0 %100
77	MP5C	X	-309	-309	0 %100
78	MP5C	Z	-534	-534	0 %100
79	MP1B	X	-309	-309	0 %100
80	MP1B	Z	-534	-534	0 %100
81	MP3B	X	-309	-309	0 %100
82	MP3B	Z	-534	-534	0 %100
83	MP4B	X	-309	-309	0 %100
84	MP4B	Z	-534	-534	0 %100
85	MP5B	X	-309	-309	0 %100
86	MP5B	Z	-534	-534	0 %100
87	MP2A	X	-309	-309	0 %100
88	MP2A	Z	-534	-534	0 %100
89	MP2C	X	-309	-309	0 %100
90	MP2C	Z	-534	-534	0 %100
91	MP2B	X	-309	-309	0 %100
92	MP2B	Z	-534	-534	0 %100
93	M106	X	0	0	0 %100
94	M106	Z	0	0	0 %100
95	M107	X	-336	-336	0 %100
96	M107	Z	-581	-581	0 %100
97	M108	X	-433	-433	0 %100
98	M108	Z	-75	-75	0 %100
99	M109	X	-433	-433	0 %100
100	M109	Z	-75	-75	0 %100
101	M110	X	-091	-091	0 %100
102	M110	Z	-157	-157	0 %100
103	M111	X	-091	-091	0 %100
104	M111	Z	-157	-157	0 %100
105	M112	X	-091	-091	0 %100
106	M112	Z	-157	-157	0 %100
107	M113	X	-091	-091	0 %100
108	M113	Z	-157	-157	0 %100
109	M114	X	-091	-091	0 %100
110	M114	Z	-157	-157	0 %100
111	OVP	X	-269	-269	0 %100
112	OVP	Z	-466	-466	0 %100
113	M103A	X	-355	-355	0 %100
114	M103A	Z	-614	-614	0 %100
115	M104A	X	-355	-355	0 %100
116	M104A	Z	-614	-614	0 %100
117	M105	X	0	0	0 %100
118	M105	Z	0	0	0 %100
119	M106A	X	-172	-172	0 %100
120	M106A	Z	-299	-299	0 %100
121	M107A	X	-172	-172	0 %100
122	M107A	Z	-299	-299	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, %]
123	M108C	X	-355	-355	0 %100
124	M108C	Z	-614	-614	0 %100
125	M109B	X	-355	-355	0 %100
126	M109B	Z	-614	-614	0 %100
127	M110B	X	-26	-26	0 %100
128	M110B	Z	-451	-451	0 %100
129	M111A	X	-327	-327	0 %100
130	M111A	Z	-567	-567	0 %100
131	M112A	X	-327	-327	0 %100
132	M112A	Z	-567	-567	0 %100

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	Y	-086	-2.246	0 .747
2	M1	Y	-2.246	-3.306	.747 1.493
3	M1	Y	-3.306	-1.964	1.493 2.24
4	M1	Y	-1.964	-.472	2.24 2.987
5	M1	Y	-.472	-.086	2.987 3.733
6	M6	Y	-2.379e-16	-.404	1.6 2.347
7	M6	Y	-.404	-2.013	2.347 3.093
8	M6	Y	-2.013	-3.198	3.093 3.84
9	M6	Y	-3.198	-1.589	3.84 4.587
10	M6	Y	-1.589	-2.379e-16	4.587 5.333
11	M71A	Y	-.247	-.247	0 .208
12	M106	Y	-.174	-1.957	0 .577
13	M106	Y	-1.957	-3.526	.577 1.155
14	M106	Y	-3.526	-3.531	1.155 1.732
15	M106	Y	-3.531	-2.014	1.732 2.309
16	M106	Y	-2.014	-.271	2.309 2.887
17	M107	Y	-.004	-.004	0 .501
18	M4	Y	-.246	-2.963	0 1.067
19	M4	Y	-2.963	-5.318	1.067 2.133
20	M4	Y	-5.318	-5.828	2.133 3.2
21	M4	Y	-5.828	-3.552	3.2 4.267
22	M4	Y	-3.552	-.246	4.267 5.333
23	M5	Y	-.236	-3.152	0 1.067
24	M5	Y	-3.152	-5.958	1.067 2.133
25	M5	Y	-5.958	-5.38	2.133 3.2
26	M5	Y	-5.38	-2.555	3.2 4.267
27	M5	Y	-2.555	-.258	4.267 5.333
28	M7	Y	-.192	-3.474	0 1.02
29	M7	Y	-3.474	-3.933	1.02 2.04
30	M7	Y	-3.933	-2.992	2.04 3.06
31	M7	Y	-2.992	-2.603	3.06 4.08
32	M7	Y	-2.603	-.192	4.08 5.1
33	M108A	Y	-59.509	-3.474	0 .208
34	M2	Y	-.997	-4.419	.533 1.493
35	M2	Y	-4.419	-6.26	1.493 2.453
36	M2	Y	-6.26	-4.657	2.453 3.413
37	M2	Y	-4.657	-2.152	3.413 4.373
38	M2	Y	-2.152	-.609	4.373 5.333
39	M3	Y	-.151	-3.633	0 1.067
40	M3	Y	-3.633	-6.007	1.067 2.133
41	M3	Y	-6.007	-4.794	2.133 3.2
42	M3	Y	-4.794	-3.176	3.2 4.267
43	M3	Y	-3.176	-2.467	4.267 5.333



Company :
 Designer : AE
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Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
44	M9	Y	-.834	-5.952	.51	2.04
45	M9	Y	-5.952	-6.063	2.04	3.57
46	M9	Y	-6.063	-1.049	3.57	5.1
47	M5	Y	-4.562	-4.562	5.229	5.276
48	M6	Y	-.285	-.285	0	1.067
49	M7	Y	-.579	-2.768	0	.51
50	M7	Y	-2.768	-4.27	.51	1.02
51	M7	Y	-4.27	-2.999	1.02	1.53
52	M7	Y	-2.999	-.716	1.53	2.04
53	M7	Y	-.716	-.109	2.04	2.55
54	M8	Y	-.128	-.717	2.55	3.06
55	M8	Y	-.717	-2.827	3.06	3.57
56	M8	Y	-2.827	-4.354	3.57	4.08
57	M8	Y	-4.354	-3.081	4.08	4.59
58	M8	Y	-3.081	-.521	4.59	5.1
59	M3	Y	-.168	-.168	4.766	5.333
60	M4	Y	-7.283	-7.283	.059	.092
61	M7	Y	-.108	-2.209	2.55	3.06
62	M7	Y	-2.209	-4.485	3.06	3.57
63	M7	Y	-4.485	-4.426	3.57	4.08
64	M7	Y	-4.426	-3.116	4.08	4.59
65	M7	Y	-3.116	-.961	4.59	5.1
66	M9	Y	-.392	-3.131	0	.51
67	M9	Y	-3.131	-5.112	.51	1.02
68	M9	Y	-5.112	-3.601	1.02	1.53
69	M9	Y	-3.601	-.808	1.53	2.04
70	M9	Y	-.808	-.137	2.04	2.55
71	M83	Y	-.638	-.638	0	.208
72	M1	Y	-.285	-.285	4.267	5.333
73	M2	Y	-4.562	-4.562	.057	.105
74	M8	Y	-.521	-3.081	0	.51
75	M8	Y	-3.081	-4.354	.51	1.02
76	M8	Y	-4.354	-2.827	1.02	1.53
77	M8	Y	-2.827	-.717	1.53	2.04
78	M8	Y	-.717	-.128	2.04	2.55
79	M9	Y	-.109	-.716	2.55	3.06
80	M9	Y	-.716	-2.999	3.06	3.57
81	M9	Y	-2.999	-4.27	3.57	4.08
82	M9	Y	-4.27	-2.768	4.08	4.59
83	M9	Y	-2.768	-.579	4.59	5.1
84	M6	Y	-4.126	-4.126	.375	2.656
85	M8	Y	-3.586	-3.586	2.645	4.03
86	M106	Y	-3.87	-3.87	1.539	2.539
87	M107	Y	-5.026	-5.026	.048	1.917

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	Y	-.212	-5.503	0	.747
2	M1	Y	-5.503	-8.099	.747	1.493
3	M1	Y	-8.099	-4.81	1.493	2.24
4	M1	Y	-4.81	-1.156	2.24	2.987
5	M1	Y	-1.156	-.212	2.987	3.733
6	M6	Y	0	-.99	1.6	2.347
7	M6	Y	-.99	-4.931	2.347	3.093
8	M6	Y	-4.931	-7.834	3.093	3.84
9	M6	Y	-7.834	-3.893	3.84	4.587

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
10	M6	-3.893	0	4.587	5.333
11	M71A	-.605	-.605	0	.208
12	M106	-.425	-4.794	0	.577
13	M106	-4.794	-8.636	.577	1.155
14	M106	-8.636	-8.648	1.155	1.732
15	M106	-8.648	-4.933	1.732	2.309
16	M106	-4.933	-.663	2.309	2.887
17	M107	-.009	-.009	0	.501
18	M4	-.603	-7.258	0	1.067
19	M4	-7.258	-13.027	1.067	2.133
20	M4	-13.027	-14.275	2.133	3.2
21	M4	-14.275	-8.7	3.2	4.267
22	M4	-8.7	-.603	4.267	5.333
23	M5	-.578	-7.72	0	1.067
24	M5	-7.72	-14.593	1.067	2.133
25	M5	-14.593	-13.178	2.133	3.2
26	M5	-13.178	-6.259	3.2	4.267
27	M5	-6.259	-.633	4.267	5.333
28	M7	-.47	-8.508	0	1.02
29	M7	-8.508	-9.633	1.02	2.04
30	M7	-9.633	-7.329	2.04	3.06
31	M7	-7.329	-6.376	3.06	4.08
32	M7	-6.376	-.47	4.08	5.1
33	M108A	-145.762	-8.508	0	.208
34	M2	-2.441	-10.824	.533	1.493
35	M2	-10.824	-15.334	1.493	2.453
36	M2	-15.334	-11.406	2.453	3.413
37	M2	-11.406	-5.271	3.413	4.373
38	M2	-5.271	-1.493	4.373	5.333
39	M3	-.371	-8.9	0	1.067
40	M3	-8.9	-14.713	1.067	2.133
41	M3	-14.713	-11.743	2.133	3.2
42	M3	-11.743	-7.779	3.2	4.267
43	M3	-7.779	-6.042	4.267	5.333
44	M9	-2.044	-14.579	.51	2.04
45	M9	-14.579	-14.852	2.04	3.57
46	M9	-14.852	-2.569	3.57	5.1
47	M5	-11.175	-11.175	5.229	5.276
48	M6	-.699	-.699	0	1.067
49	M7	-1.418	-6.781	0	.51
50	M7	-6.781	-10.46	.51	1.02
51	M7	-10.46	-7.347	1.02	1.53
52	M7	-7.347	-1.753	1.53	2.04
53	M7	-1.753	-.268	2.04	2.55
54	M8	-.314	-1.757	2.55	3.06
55	M8	-1.757	-6.925	3.06	3.57
56	M8	-6.925	-10.665	3.57	4.08
57	M8	-10.665	-7.547	4.08	4.59
58	M8	-7.547	-1.276	4.59	5.1
59	M3	-.411	-.411	4.766	5.333
60	M4	-17.839	-17.839	.059	.092
61	M7	-.264	-5.41	2.55	3.06
62	M7	-5.41	-10.985	3.06	3.57
63	M7	-10.985	-10.842	3.57	4.08
64	M7	-10.842	-7.632	4.08	4.59
65	M7	-7.632	-2.354	4.59	5.1
66	M9	-.96	-7.67	0	.51

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
67	M9	Y	-7.67	-12.522	.51	1.02
68	M9	Y	-12.522	-8.821	1.02	1.53
69	M9	Y	-8.821	-1.979	1.53	2.04
70	M9	Y	-1.979	-.335	2.04	2.55
71	M83	Y	-1.564	-1.564	0	.208
72	M1	Y	-.699	-.699	4.267	5.333
73	M2	Y	-11.175	-11.175	.057	.105
74	M8	Y	-1.276	-7.547	0	.51
75	M8	Y	-7.547	-10.665	.51	1.02
76	M8	Y	-10.665	-6.925	1.02	1.53
77	M8	Y	-6.925	-1.757	1.53	2.04
78	M8	Y	-1.757	-.314	2.04	2.55
79	M9	Y	-.268	-1.753	2.55	3.06
80	M9	Y	-1.753	-7.347	3.06	3.57
81	M9	Y	-7.347	-10.46	3.57	4.08
82	M9	Y	-10.46	-6.781	4.08	4.59
83	M9	Y	-6.781	-1.418	4.59	5.1
84	M6	Y	-10.105	-10.105	.375	2.656
85	M8	Y	-8.785	-8.785	2.645	4.03
86	M106	Y	-9.478	-9.478	1.539	2.539
87	M107	Y	-12.31	-12.31	.048	1.917

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	Y	-.003	-.087	0	.747
2	M1	Y	-.087	-.128	.747	1.493
3	M1	Y	-.128	-.076	1.493	2.24
4	M1	Y	-.076	-.018	2.24	2.987
5	M1	Y	-.018	-.003	2.987	3.733
6	M6	Y	-7.435e-18	-.016	1.6	2.347
7	M6	Y	-.016	-.078	2.347	3.093
8	M6	Y	-.078	-.124	3.093	3.84
9	M6	Y	-.124	-.062	3.84	4.587
10	M6	Y	-.062	-7.435e-18	4.587	5.333
11	M71A	Y	-.01	-.01	0	.208
12	M106	Y	-.007	-.076	0	.577
13	M106	Y	-.076	-.137	.577	1.155
14	M106	Y	-.137	-.137	1.155	1.732
15	M106	Y	-.137	-.078	1.732	2.309
16	M106	Y	-.078	-.011	2.309	2.887
17	M107	Y	-.000147	-.000147	0	.501
18	M4	Y	-.01	-.115	0	1.067
19	M4	Y	-.115	-.207	1.067	2.133
20	M4	Y	-.207	-.226	2.133	3.2
21	M4	Y	-.226	-.138	3.2	4.267
22	M4	Y	-.138	-.01	4.267	5.333
23	M5	Y	-.009	-.122	0	1.067
24	M5	Y	-.122	-.231	1.067	2.133
25	M5	Y	-.231	-.209	2.133	3.2
26	M5	Y	-.209	-.099	3.2	4.267
27	M5	Y	-.099	-.01	4.267	5.333
28	M7	Y	-.007	-.135	0	1.02
29	M7	Y	-.135	-.153	1.02	2.04
30	M7	Y	-.153	-.116	2.04	3.06
31	M7	Y	-.116	-.101	3.06	4.08
32	M7	Y	-.101	-.007	4.08	5.1

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
33	M108A	-2.312	- .135	0	.208
34	M2	-.039	-.172	.533	1.493
35	M2	-.172	-.243	1.493	2.453
36	M2	-.243	-.181	2.453	3.413
37	M2	-.181	-.084	3.413	4.373
38	M2	-.084	-.024	4.373	5.333
39	M3	-.006	-.141	0	1.067
40	M3	-.141	-.233	1.067	2.133
41	M3	-.233	-.186	2.133	3.2
42	M3	-.186	-.123	3.2	4.267
43	M3	-.123	-.096	4.267	5.333
44	M9	-.032	-.231	.51	2.04
45	M9	-.231	-.236	2.04	3.57
46	M9	-.236	-.041	3.57	5.1
47	M5	-.177	-.177	5.229	5.276
48	M6	-.011	-.011	0	1.067
49	M7	-.022	-.108	0	.51
50	M7	-.108	-.166	.51	1.02
51	M7	-.166	-.117	1.02	1.53
52	M7	-.117	-.028	1.53	2.04
53	M7	-.028	-.004	2.04	2.55
54	M8	-.005	-.028	2.55	3.06
55	M8	-.028	-.11	3.06	3.57
56	M8	-.11	-.169	3.57	4.08
57	M8	-.169	-.12	4.08	4.59
58	M8	-.12	-.02	4.59	5.1
59	M3	-.007	-.007	4.766	5.333
60	M4	-.283	-.283	.059	.092
61	M7	-.004	-.086	2.55	3.06
62	M7	-.086	-.174	3.06	3.57
63	M7	-.174	-.172	3.57	4.08
64	M7	-.172	-.121	4.08	4.59
65	M7	-.121	-.037	4.59	5.1
66	M9	-.015	-.122	0	.51
67	M9	-.122	-.199	.51	1.02
68	M9	-.199	-.14	1.02	1.53
69	M9	-.14	-.031	1.53	2.04
70	M9	-.031	-.005	2.04	2.55
71	M83	-.025	-.025	0	.208
72	M1	-.011	-.011	4.267	5.333
73	M2	-.177	-.177	.057	.105
74	M8	-.02	-.12	0	.51
75	M8	-.12	-.169	.51	1.02
76	M8	-.169	-.11	1.02	1.53
77	M8	-.11	-.028	1.53	2.04
78	M8	-.028	-.005	2.04	2.55
79	M9	-.004	-.028	2.55	3.06
80	M9	-.028	-.117	3.06	3.57
81	M9	-.117	-.166	3.57	4.08
82	M9	-.166	-.108	4.08	4.59
83	M9	-.108	-.022	4.59	5.1
84	M6	-.16	-.16	.375	2.656
85	M8	-.139	-.139	2.645	4.03
86	M106	-.15	-.15	1.539	2.539
87	M107	-.195	-.195	.048	1.917



Company :
 Designer : AE
 Job Number : Project No. 10207613
 Model Name : e

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Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	Z	-0.008	-0.218	0	.747
2	M1	Z	-0.218	-0.321	.747	1.493
3	M1	Z	-0.321	-0.191	1.493	2.24
4	M1	Z	-0.191	-0.046	2.24	2.987
5	M1	Z	-0.046	-0.008	2.987	3.733
6	M6	Z	-5.948e-17	-0.039	1.6	2.347
7	M6	Z	-0.039	-0.196	2.347	3.093
8	M6	Z	-0.196	-0.311	3.093	3.84
9	M6	Z	-0.311	-0.154	3.84	4.587
10	M6	Z	-0.154	-5.948e-17	4.587	5.333
11	M71A	Z	-0.024	-0.024	0	.208
12	M106	Z	-0.017	-0.19	0	.577
13	M106	Z	-0.19	-0.342	.577	1.155
14	M106	Z	-0.342	-0.343	1.155	1.732
15	M106	Z	-0.343	-0.196	1.732	2.309
16	M106	Z	-0.196	-0.026	2.309	2.887
17	M107	Z	-0.0003676	-0.0003676	0	.501
18	M4	Z	-0.024	-0.288	0	1.067
19	M4	Z	-0.288	-0.516	1.067	2.133
20	M4	Z	-0.516	-0.566	2.133	3.2
21	M4	Z	-0.566	-0.345	3.2	4.267
22	M4	Z	-0.345	-0.024	4.267	5.333
23	M5	Z	-0.023	-0.306	0	1.067
24	M5	Z	-0.306	-0.579	1.067	2.133
25	M5	Z	-0.579	-0.522	2.133	3.2
26	M5	Z	-0.522	-0.248	3.2	4.267
27	M5	Z	-0.248	-0.025	4.267	5.333
28	M7	Z	-0.019	-0.337	0	1.02
29	M7	Z	-0.337	-0.382	1.02	2.04
30	M7	Z	-0.382	-0.291	2.04	3.06
31	M7	Z	-0.291	-0.253	3.06	4.08
32	M7	Z	-0.253	-0.019	4.08	5.1
33	M108A	Z	-5.779	-0.337	0	.208
34	M2	Z	-0.097	-0.429	.533	1.493
35	M2	Z	-0.429	-0.608	1.493	2.453
36	M2	Z	-0.608	-0.452	2.453	3.413
37	M2	Z	-0.452	-0.209	3.413	4.373
38	M2	Z	-0.209	-0.059	4.373	5.333
39	M3	Z	-0.015	-0.353	0	1.067
40	M3	Z	-0.353	-0.583	1.067	2.133
41	M3	Z	-0.583	-0.466	2.133	3.2
42	M3	Z	-0.466	-0.308	3.2	4.267
43	M3	Z	-0.308	-0.24	4.267	5.333
44	M9	Z	-0.081	-0.578	.51	2.04
45	M9	Z	-0.578	-0.589	2.04	3.57
46	M9	Z	-0.589	-0.102	3.57	5.1
47	M5	Z	-0.443	-0.443	5.229	5.276
48	M6	Z	-0.028	-0.028	0	1.067
49	M7	Z	-0.056	-0.269	0	.51
50	M7	Z	-0.269	-0.415	.51	1.02
51	M7	Z	-0.415	-0.291	1.02	1.53
52	M7	Z	-0.291	-0.069	1.53	2.04
53	M7	Z	-0.069	-0.011	2.04	2.55
54	M8	Z	-0.012	-0.07	2.55	3.06
55	M8	Z	-0.07	-0.275	3.06	3.57
56	M8	Z	-0.275	-0.423	3.57	4.08
57	M8	Z	-0.423	-0.299	4.08	4.59



Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
58	M8	Z	-.299	-.051	4.59	5.1
59	M3	Z	-.016	-.016	4.766	5.333
60	M4	Z	-.707	-.707	.059	.092
61	M7	Z	-.01	-.214	2.55	3.06
62	M7	Z	-.214	-.436	3.06	3.57
63	M7	Z	-.436	-.43	3.57	4.08
64	M7	Z	-.43	-.303	4.08	4.59
65	M7	Z	-.303	-.093	4.59	5.1
66	M9	Z	-.038	-.304	0	.51
67	M9	Z	-.304	-.496	.51	1.02
68	M9	Z	-.496	-.35	1.02	1.53
69	M9	Z	-.35	-.078	1.53	2.04
70	M9	Z	-.078	-.013	2.04	2.55
71	M83	Z	-.062	-.062	0	.208
72	M1	Z	-.028	-.028	4.267	5.333
73	M2	Z	-.443	-.443	.057	.105
74	M8	Z	-.051	-.299	0	.51
75	M8	Z	-.299	-.423	.51	1.02
76	M8	Z	-.423	-.275	1.02	1.53
77	M8	Z	-.275	-.07	1.53	2.04
78	M8	Z	-.07	-.012	2.04	2.55
79	M9	Z	-.011	-.069	2.55	3.06
80	M9	Z	-.069	-.291	3.06	3.57
81	M9	Z	-.291	-.415	3.57	4.08
82	M9	Z	-.415	-.269	4.08	4.59
83	M9	Z	-.269	-.056	4.59	5.1
84	M6	Z	-.401	-.401	.375	2.656
85	M8	Z	-.348	-.348	2.645	4.03
86	M106	Z	-.376	-.376	1.539	2.539
87	M107	Z	-.488	-.488	.048	1.917

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.008	.218	0	.747
2	M1	X	.218	.321	.747	1.493
3	M1	X	.321	.191	1.493	2.24
4	M1	X	.191	.046	2.24	2.987
5	M1	X	.046	.008	2.987	3.733
6	M6	X	5.948e-17	.039	1.6	2.347
7	M6	X	.039	.196	2.347	3.093
8	M6	X	.196	.311	3.093	3.84
9	M6	X	.311	.154	3.84	4.587
10	M6	X	.154	5.948e-17	4.587	5.333
11	M71A	X	.024	.024	0	.208
12	M106	X	.017	.19	0	.577
13	M106	X	.19	.342	.577	1.155
14	M106	X	.342	.343	1.155	1.732
15	M106	X	.343	.196	1.732	2.309
16	M106	X	.196	.026	2.309	2.887
17	M107	X	.0003676	.0003676	0	.501
18	M4	X	.024	.288	0	1.067
19	M4	X	.288	.516	1.067	2.133
20	M4	X	.516	.566	2.133	3.2
21	M4	X	.566	.345	3.2	4.267
22	M4	X	.345	.024	4.267	5.333
23	M5	X	.023	.306	0	1.067



Company :
 Designer : AE
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 Model Name : e

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Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
24	M5	X	.306	.579	1.067	2.133
25	M5	X	.579	.522	2.133	3.2
26	M5	X	.522	.248	3.2	4.267
27	M5	X	.248	.025	4.267	5.333
28	M7	X	.019	.337	0	1.02
29	M7	X	.337	.382	1.02	2.04
30	M7	X	.382	.291	2.04	3.06
31	M7	X	.291	.253	3.06	4.08
32	M7	X	.253	.019	4.08	5.1
33	M108A	X	5.779	.337	0	.208
34	M2	X	.097	.429	.533	1.493
35	M2	X	.429	.608	1.493	2.453
36	M2	X	.608	.452	2.453	3.413
37	M2	X	.452	.209	3.413	4.373
38	M2	X	.209	.059	4.373	5.333
39	M3	X	.015	.353	0	1.067
40	M3	X	.353	.583	1.067	2.133
41	M3	X	.583	.466	2.133	3.2
42	M3	X	.466	.308	3.2	4.267
43	M3	X	.308	.24	4.267	5.333
44	M9	X	.081	.578	.51	2.04
45	M9	X	.578	.589	2.04	3.57
46	M9	X	.589	.102	3.57	5.1
47	M5	X	.443	.443	5.229	5.276
48	M6	X	.028	.028	0	1.067
49	M7	X	.056	.269	0	.51
50	M7	X	.269	.415	.51	1.02
51	M7	X	.415	.291	1.02	1.53
52	M7	X	.291	.069	1.53	2.04
53	M7	X	.069	.011	2.04	2.55
54	M8	X	.012	.07	2.55	3.06
55	M8	X	.07	.275	3.06	3.57
56	M8	X	.275	.423	3.57	4.08
57	M8	X	.423	.299	4.08	4.59
58	M8	X	.299	.051	4.59	5.1
59	M3	X	.016	.016	4.766	5.333
60	M4	X	.707	.707	.059	.092
61	M7	X	.01	.214	2.55	3.06
62	M7	X	.214	.436	3.06	3.57
63	M7	X	.436	.43	3.57	4.08
64	M7	X	.43	.303	4.08	4.59
65	M7	X	.303	.093	4.59	5.1
66	M9	X	.038	.304	0	.51
67	M9	X	.304	.496	.51	1.02
68	M9	X	.496	.35	1.02	1.53
69	M9	X	.35	.078	1.53	2.04
70	M9	X	.078	.013	2.04	2.55
71	M83	X	.062	.062	0	.208
72	M1	X	.028	.028	4.267	5.333
73	M2	X	.443	.443	.057	.105
74	M8	X	.051	.299	0	.51
75	M8	X	.299	.423	.51	1.02
76	M8	X	.423	.275	1.02	1.53
77	M8	X	.275	.07	1.53	2.04
78	M8	X	.07	.012	2.04	2.55
79	M9	X	.011	.069	2.55	3.06
80	M9	X	.069	.291	3.06	3.57

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
81	M9	X	.291	.415	3.57	4.08
82	M9	X	.415	.269	4.08	4.59
83	M9	X	.269	.056	4.59	5.1
84	M6	X	.401	.401	.375	2.656
85	M8	X	.348	.348	2.645	4.03
86	M106	X	.376	.376	1.539	2.539
87	M107	X	.488	.488	.048	1.917

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N215A	N220	N20	N193	Y	Two Way	-.005
2	N12	N29	N30	N11	Y	Two Way	-.005
3	N14	N22	N23	N13	Y	Two Way	-.005
4	N233	N12	N11A	N235	Y	Two Way	-.005
5	N216A	N11	N14	N239	Y	Two Way	-.005
6	N238	N13	N12A	N236	Y	Two Way	-.005
7	N11A	N214A	N216	N217A	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N215A	N220	N20	N193	Y	Two Way	-.013
2	N12	N29	N30	N11	Y	Two Way	-.013
3	N14	N22	N23	N13	Y	Two Way	-.013
4	N233	N12	N11A	N235	Y	Two Way	-.013
5	N216A	N11	N14	N239	Y	Two Way	-.013
6	N238	N13	N12A	N236	Y	Two Way	-.013
7	N11A	N214A	N216	N217A	Y	Two Way	-.013

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N215A	N220	N20	N193	Y	Two Way	-.000202
2	N12	N29	N30	N11	Y	Two Way	-.000202
3	N14	N22	N23	N13	Y	Two Way	-.000202
4	N233	N12	N11A	N235	Y	Two Way	-.000202
5	N216A	N11	N14	N239	Y	Two Way	-.000202
6	N238	N13	N12A	N236	Y	Two Way	-.000202
7	N11A	N214A	N216	N217A	Y	Two Way	-.000202

Member Area Loads (BLC 85 : Structure Eh (0 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N215A	N220	N20	N193	Z	Two Way	-.000505
2	N12	N29	N30	N11	Z	Two Way	-.000505
3	N14	N22	N23	N13	Z	Two Way	-.000505
4	N233	N12	N11A	N235	Z	Two Way	-.000505
5	N216A	N11	N14	N239	Z	Two Way	-.000505
6	N238	N13	N12A	N236	Z	Two Way	-.000505
7	N11A	N214A	N216	N217A	Z	Two Way	-.000505

Member Area Loads (BLC 86 : Structure Eh (90 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N215A	N220	N20	N193	X	Two Way	.000505
2	N12	N29	N30	N11	X	Two Way	.000505
3	N14	N22	N23	N13	X	Two Way	.000505

Member Area Loads (BLC 86 : Structure Eh (90 Deg)) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
4	N233	N12	N11A	N235	X	Two Way	.000505
5	N216A	N11	N14	N239	X	Two Way	.000505
6	N238	N13	N12A	N236	X	Two Way	.000505
7	N11A	N214A	N216	N217A	X	Two Way	.000505

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

Member	Shape	Code Check	L...	LC	Shear C...	Loc.....	phi*P...	phi*P...	phi*M...	phi*M...	Eqn	
1	M1	C5X6.7	.365	5...	6	.396	5.2...z	1725851..	63828	1.604	9.585	H1-1b
2	M2	C5X6.7	.337	.2...	8	.250	0 z	1025851..	63828	1.604	9.585	H1-1b
3	M3	C5X6.7	.400	5...	2	.406	5.2...z	1325851..	63828	1.604	9.585	H1-1b
4	M4	C5X6.7	.338	.2...	4	.268	0 z	625851..	63828	1.604	9.585	H1-1b
5	M5	C5X6.7	.327	5...	10	.426	5.2...z	2025851..	63828	1.604	9.585	H1-1b
6	M6	C5X6.7	.358	.2...	12	.309	2.4...y	1125851..	63828	1.604	9.585	H1-1b
7	M7	C5X6.7	.762	5.1	1	.973	2.7...y	227931..	63828	1.604	9.585	H1-1b
8	M8	C5X6.7	.471	2...	8	.375	2.3...y	727931..	63828	1.604	9.585	H1-1b
9	M9	C5X6.7	.475	2...	6	.363	2.9...y	727931..	63828	1.604	9.585	H1-1b
10	M13	PL3/8x10	.042	0	6	.005	.667 y	591140..	121500	.949	25.313	H1-1b
11	M14A	PL3/8x10	.056	.6...	8	.009	0 y	291140..	121500	.949	25.313	H1-1b
12	M18	PL3/8x10	.056	0	11	.011	0 y	1091140..	121500	.949	25.313	H1-1b
13	M25	L3X3X4	.684	5...	5	.166	.417 y	57731...	46656	1.688	2.865	H2-1
14	M26	L3X3X4	.653	5...	1	.151	9.5...y	17731...	46656	1.688	2.852	H2-1
15	M27	L3X3X4	.693	5	9	.147	9.5...y	97731...	46656	1.688	2.848	H2-1
16	M34	PL3/8x10	.156	.6...	8	.124	0 y	691140..	121500	.949	25.313	H1-1b
17	M42	PL3/8x10	.149	0	6	.130	0 y	891140..	121500	.949	25.313	H1-1b
18	M50	PL3/8x10	.167	0	8	.120	0 y	1091140..	121500	.949	25.313	H1-1b
19	M52	L1.75x1...	.143	0	1	.045	1.5...z	714182..	26325	.513	1.177	H2-1
20	M53	L1.75x1...	.209	0	2	.046	1.5...y	714182..	26325	.513	1.177	H2-1
21	M54	L1.75x1...	.094	0	3	.010	2.9...z	1015136..	26325	.513	1.177	H2-1
22	M55	L1.75x1...	.231	3...	2	.031	0 z	814182..	26325	.513	1.177	H2-1
23	M56	L1.75x1...	.234	0	12	.031	0 y	614182..	26325	.513	1.177	H2-1
24	M57	L1.75x1...	.630	3...	6	.017	0 y	57107...	26325	.513	1.061	H2-1
25	M58	L1.75x1...	.631	3...	8	.018	0 z	27107...	26325	.513	1.052	H2-1
26	M61	L1.75x1...	.066	0	11	.009	0 z	1215136..	26325	.513	1.177	H2-1
27	M62	L1.75x1...	.218	0	10	.026	0 z	1014182..	26325	.513	1.177	H2-1
28	M63	L1.75x1...	.266	0	8	.033	0 z	814182..	26325	.513	1.177	H2-1
29	M68	L1.75x1...	.069	0	7	.010	0 z	715136..	26325	.513	1.177	H2-1
30	M69	L1.75x1...	.254	3...	6	.034	0 y	614182..	26325	.513	1.177	H2-1
31	M70	L1.75x1...	.226	0	4	.025	0 y	414182..	26325	.513	1.155	H2-1
32	MP1A	PIPE 2.0	.051	1...	5	.170	1.5...	818857..	32130	1.872	1.872	H1-1b
33	MP3A	PIPE 2.0	.141	4...	13	.141	4.7...	518857..	32130	1.872	1.872	H1-1b
34	MP4A	PIPE 2.0	.077	1...	7	.169	1.5...	718857..	32130	1.872	1.872	H1-1b
35	MP5A	PIPE 2.0	.051	1...	5	.177	1.5...	618857..	32130	1.872	1.872	H1-1b
36	MP1C	PIPE 2.0	.058	1...	12	.149	1.5...	1018857..	32130	1.872	1.872	H1-1b
37	MP3C	PIPE 2.0	.140	4...	15	.141	4.7...	1018857..	32130	1.872	1.872	H1-1b
38	MP4C	PIPE 2.0	.073	1...	2	.155	1.5...	918857..	32130	1.872	1.872	H1-1b
39	MP5C	PIPE 2.0	.058	1...	12	.172	1.5...	818857..	32130	1.872	1.872	H1-1b
40	MP1B	PIPE 2.0	.058	1...	2	.176	1.5...	618857..	32130	1.872	1.872	H1-1b
41	MP3B	PIPE 2.0	.146	4...	22	.145	4.7...	318857..	32130	1.872	1.872	H1-1b
42	MP4B	PIPE 2.0	.074	1...	11	.159	1.5...	518857..	32130	1.872	1.872	H1-1b
43	MP5B	PIPE 2.0	.058	1...	2	.148	1.5...	1018857..	32130	1.872	1.872	H1-1b
44	MP2A	PIPE 2.0	.065	1...	7	.167	1.6...	720866..	32130	1.872	1.872	H1-1b
45	MP2C	PIPE 2.0	.059	1...	8	.167	1.6...	920866..	32130	1.872	1.872	H1-1b
46	MP2B	PIPE 2.0	.059	1...	5	.155	1.6...	520866..	32130	1.872	1.872	H1-1b
47	M106	C5X6.7	.182	0	7	.091	.662 z	1948979..	63828	1.604	9.585	H1-1b
48	M107	L2x2x4	.160	1...	1	.263	0 y	1225395..	30585..	.691	1.577	H2-1



Company :
 Designer : AE
 Job Number : Project No. 10207613
 Model Name : e

July 19, 2023
 3:20 PM
 Checked By: DX

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

Member	Shape	Code Check	L...	LC	Shear C...	Loc.....	phi*P...	phi*P...	phi*M...	phi*M.....	Eqn			
49	M108	L2x2x4	.108	2...	9	.011	1.9...	y	138872...	30585...	.691	1.577	... H2-1	
50	M109	L2x2x4	.090	2...	12	.011	3.0...	y	238872...	30585...	.691	1.535	... H2-1	
51	M110	SR_0.75	.009	.6...	24	.011	1.3...	3	9756...	14313...	.179	.179	... H1-1b	
52	M111	SR_0.75	.014	.6...	24	.008	0	2	9756...	14313...	.179	.179	... H1-1b	
53	M112	SR_0.75	.011	.6...	24	.008	1.3...	10	9756...	14313...	.179	.179	... H1-1b	
54	M113	SR_0.75	.009	.6...	24	.016	1.3...	9	9756...	14313...	.179	.179	... H1-1b	
55	M114	SR_0.75	.009	.6...	24	.019	0	9	9756...	14313...	.179	.179	... H1-1b	
56	OVP	PIPE_2.0	.113	2...	3	.044	2.9...	3	27545...	32130...	1.872	1.872	... H1-1b	
57	M103A	L1.75x1...	.149	0	9	.044	1.5...	z	9	14182...	26325...	.513	1.177	... H2-1
58	M104A	L1.75x1...	.211	0	9	.045	1.7...	y	9	14182...	26325...	.513	1.177	... H2-1
59	M105	L1.75x1...	.066	0	11	.009	0	z	12	15136...	26325...	.513	1.177	... H2-1
60	M106A	L1.75x1...	.610	2...	2	.017	0	y	7	7107...	26325...	.513	1.048	... H2-1
61	M107A	L1.75x1...	.573	3...	4	.016	0	z	10	7107...	26325...	.513	1.051	... H2-1
62	M108C	L1.75x1...	.150	0	5	.047	1.5...	y	5	14182...	26325...	.513	1.177	... H2-1
63	M109B	L1.75x1...	.232	0	6	.042	1.5...	y	5	14182...	26325...	.513	1.177	... H2-1
64	M110B	L1.75x1...	.069	0	7	.010	0	z	7	15136...	26325...	.513	1.177	... H2-1
65	M111A	L1.75x1...	.596	3...	10	.015	0	y	3	7107...	26325...	.513	1.051	... H2-1
66	M112A	L1.75x1...	.587	3...	12	.018	0	z	6	7107...	26325...	.513	1.067	... H2-1

Envelope Joint Reactions

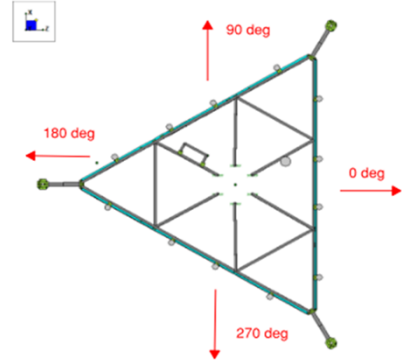
Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC	
1	N8	max	165.574	10	1571.974	7	671.511	7	0	75	0	75	0	75
2		min	-165.574	4	-7651.856	13	-651.986	1	0	1	0	1	0	1
3	N72	max	2663.455	12	8207.586	3	781.616	1	0	75	0	75	0	75
4		min	-2741.071	6	-5110.665	9	-787.881	7	0	1	0	1	0	1
5	N73	max	2678.873	9	8196.186	11	522.182	1	0	75	0	75	0	75
6		min	-2625.925	3	-4622.109	5	-547.134	7	0	1	0	1	0	1
7	N74	max	753.299	3	871.665	3	439.803	9	0	75	0	75	0	75
8		min	-761.761	9	-8084.867	21	-434.917	3	0	1	0	1	0	1
9	N75A	max	901.73	1	7989.285	11	2476.318	2	0	75	0	75	0	75
10		min	-917.817	7	-4450.03	5	-2519.408	8	0	1	0	1	0	1
11	N76A	max	1890.31	10	8516.994	7	2482.962	11	0	75	0	75	0	75
12		min	-1861.715	4	-5038.926	1	-2451.434	5	0	1	0	1	0	1
13	N77A	max	699.239	5	1089.859	11	403.706	5	0	75	0	75	0	75
14		min	-720.582	11	-7720.378	17	-416.028	11	0	1	0	1	0	1
15	N78A	max	1769.354	10	8420.298	7	2019.127	3	0	75	0	75	0	75
16		min	-1772.608	4	-5001.432	1	-1967.032	9	0	1	0	1	0	1
17	N79A	max	1025.582	7	7853.909	3	2639.752	1	0	75	0	75	0	75
18		min	-990.384	1	-4787.436	9	-2669.719	7	0	1	0	1	0	1
19	Totals:	max	6449.792	10	9845.277	13	6813.886	1						
20		min	-6449.792	4	2343.333	70	-6813.875	7						

I. Mount-to-Tower Connection Check

Custom Orientation Required

Yes

Nodes (labeled per Risa)	Orientation (per graphic of typical platform)
N8	180
N72	180
N73	180
N75	300
N74	300
N76A	300
N77A	60
N78A	60
N79A	60



Tower Connection Bolt Checks

Yes

Bolt Orientation

Parallel

Bolt Quantity per Reaction:

1

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

1

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

2.5

Bolt Type:

A325N

Bolt Diameter (in):

0.75

Required Tensile Strength / bolt (kips):

0.6

Required Shear Strength / bolt (kips):

8.6

Tensile Capacity / bolt (kips):

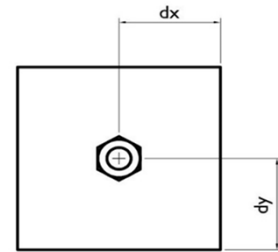
29.8

Shear Capacity / bolt (kips):

17.9

Bolt Overall Utilization:

47.8%



NO MOMENT RESISTANCE

Tower Connection Baseplate Checks

No

EXHIBIT 5





Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:

302495

Site Name:

Tolland CT 2

Location:

Tolland, Connecticut

Tenants:

AT&T Mobility, Sprint, Dish Wireless, & Verizon Wireless

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

October 18th, 2023

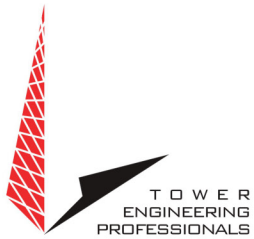
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Prepared By:

Adam Carlson MS, CBRE, CPI
Program Manager RF Design & Service
Tower Engineering Professionals

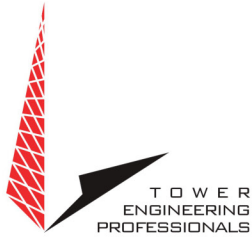
Approved By:

A circular professional engineer seal for the State of Connecticut, featuring the text "STATE OF CONNECTICUT", "SCOTT C. BRANNETT", "35536", and "LICENSED PROFESSIONAL ENGINEER". A blue ink signature is written over the seal, and the date "10/24/23" is written in blue ink below it.



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Disclaimer Notice

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Non-Ionizing Electromagnetic Radiation (NIER) Study

302495 Tolland CT 2

New Milford, Connecticut

INTRODUCTION

Tower Engineering Professionals RF Design & Services Division (TEP-RF) of Raleigh, North Carolina, has been retained by American Tower, Inc. (ATC), of Woburn, Massachusetts to evaluate the RF emissions compared to the Maximum Permissible Exposure (MPE) limit for facilities at this location. This evaluation uses compliance standards as outlined in Federal Communications Commission (FCC) document OET-65.

SITE AND FACILITY CONSIDERATIONS

Site 302495 Tolland CT 2 is located at 56 Ruops Rd., in New Milford, Connecticut at coordinates 41.873344, -72.338306. The support structure is 156' monopole. An aerial view of the tower can be found in Appendix 1, Site Photos. The tenants are AT&T Mobility (AT&T), Sprint Nextel (Sprint), Dish Wireless (Dish), & Verizon Wireless (VZW). A table listing all antennae and effective radiated power (ERP) levels that were used in this study may be found in Appendix 2, Antenna Inventory.

POWER DENSITY CALCULATIONS

Power densities were calculated based on FCC MPE limits for both General Population/Uncontrolled and Occupational/Controlled environments.

For the purpose of this study, a radius of 100' from the base of the tower with a height of 6' above ground level was used, beyond 100' the MPE levels become *di minimus*. This study utilized FCC recognized and accepted software programs using the maximum ERP levels for the antenna models provided by ATC. Diagrams depicting the predicted spatial average power density level at any specific location may be found in Appendix 3, MPE Limit Study. A discussion regarding the FCC limits may be found in Appendix 4, Information Pertaining to MPE Studies. Study methodology describing Non-ionizing Radiation Prediction Models used in this study may be found in Appendix 5, MPE Standards Methodology.



All data used in this study was collected from one or more of the following sources:

- ATC furnished data and does not include other unidentified communication facilities.
- Load List at Load List at 302495 Tolland CT 2.RF NIER Study 10/05/23.
- FCC databases.
- Carrier standard configurations.
- Empirical data collected by TEP.

SITE MITIGATION & CONTROL

In order to comply with FCC, tenant, & ATC requirements, TEP recommends the placement of signage at the base of the tower and all compound access points to alert workers of potential exposure to RF fields while working on or near the antennae.

TEP recommends that all personnel working on this tower be trained in RF safety procedures and carry a personal RF monitor at all times.

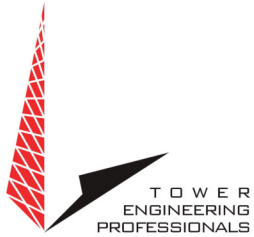
COMPLIANCE DETERMINATION

This installation IS in compliance with current FCC MPE limits as described in FCC OET-65.

APPENDIX 1 Site Photos

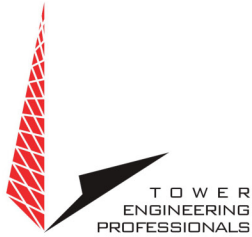


Aerial View of Site



Appendix 2 .1 Antenna Inventory

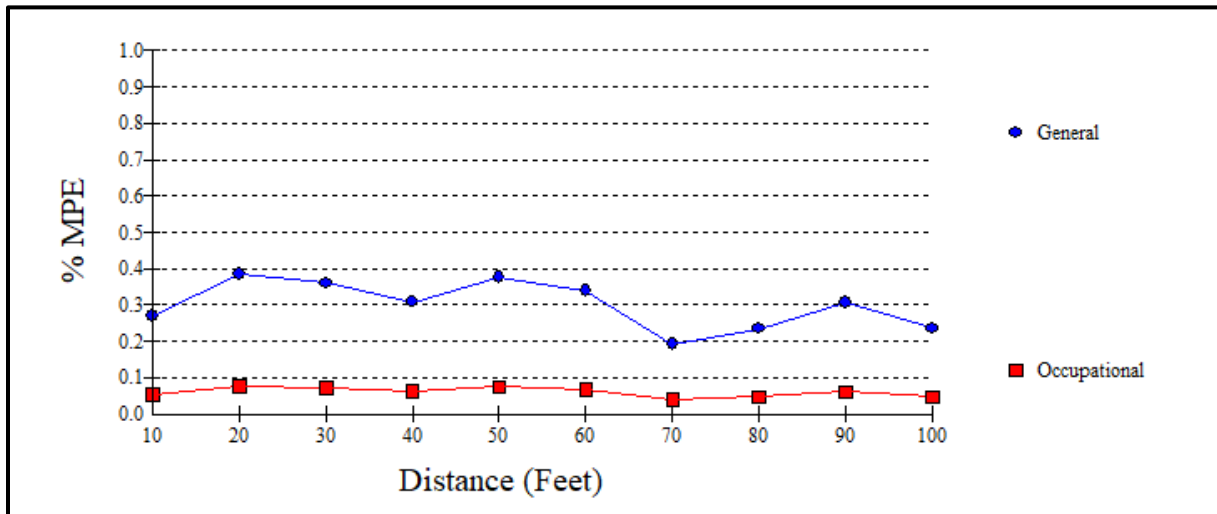
302495 Tolland CT							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azimuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	AT&T	CCI	OPA65RBU6DA	700	023	10567	154.0
2	AT&T	CCI	OPA65RBU6DA	700	142	10567	154.0
3	AT&T	CCI	OPA65RBU6DA	700	254	10567	154.0
4	AT&T	CCI	TPA-65R-BU6DA	700	023	10567	154.0
5	AT&T	CCI	TPA-65R-BU6DA	700	142	10567	154.0
6	AT&T	CCI	TPA-65R-BU6DA	700	254	10567	149.0
7	AT&T	Powerwave	7770	800	023	6124	149.0
8	AT&T	Powerwave	7770	800	142	6124	149.0
9	AT&T	Powerwave	7770	800	254	6124	149.0
10	Verizon	Decibel	DB844G90A-XY	800	014	27861	141.9
11	Verizon	Decibel	DB844G90A-XY	800	021	27861	141.9
12	Verizon	Decibel	DB844G90A-XY	800	117	27861	141.9
13	Verizon	Decibel	DB844G90A-XY	800	138	27861	141.9
14	Verizon	Decibel	DB844G90A-XY	800	260	27861	141.9
15	Verizon	Decibel	DB844G90A-XY	800	251	27861	141.9
16	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	030	16690	140.0
17	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	150	16690	140.0
18	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	240	16690	140.0
19	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	030	16690	140.0
20	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	150	16690	140.0
21	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	240	16690	140.0
22	Verizon	Samsung	MT6407	3700/3800/3900	028	18286	140.0
23	Verizon	Samsung	MT6407	3700/3800/3900	156	18286	140.0
24	Verizon	Samsung	MT6407	3700/3800/3900	262	18286	140.0



Appendix 2 .2 Antenna Inventory

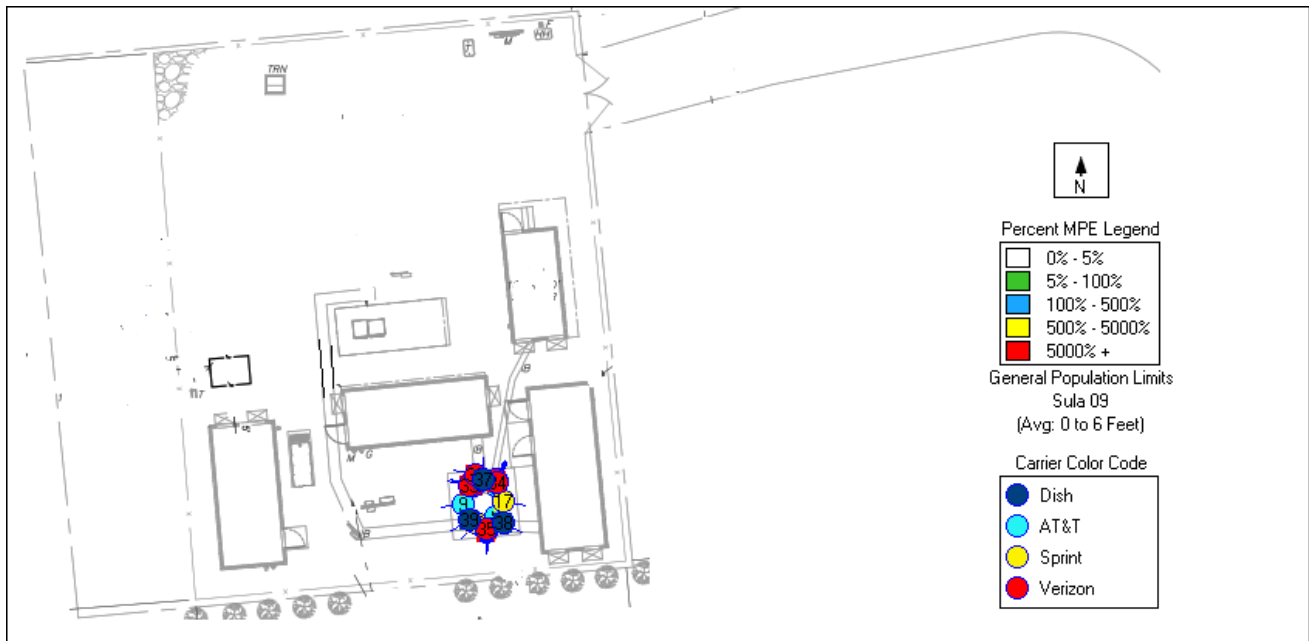
302459 Tolland CT							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azimuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
25	Verizon	Samsung	XXDWMM	3700/3800/3900	030	243	140.0
26	Verizon	Samsung	XXDWMM	3700/3800/3900	180	243	140.0
27	Verizon	Samsung	XXDWMM	3700/3800/3900	280	243	140.0
28	Verizon	Swedcom	SC9012	800	030	16690	140.0
29	Verizon	Swedcom	SC9012	800	030	16690	140.0
30	Verizon	RFS	APL868013	800	150	15310	140.0
31	Verizon	RFS	APL868013	800	270	15310	140.0
32	Verizon	RFS	APL868013	800	150	15310	140.0
33	Verizon	RFS	APL868013	800	270	15310	140.0
34	Sprint	Ericsson	Air 6419	2500/2600	045	24400	132.0
35	Sprint	Ericsson	Air 6419	2500/2600	150	24400	132.0
36	Sprint	Ericsson	Air 6419	2500/2600	260	24400	132.0
37	Sprint	RFS	APXVAARR24	600/1900/2100	045	23200	132.0
38	Sprint	RFS	APXVAARR24	600/1900/2100	150	23200	132.0
39	Sprint	RFS	APXVAARR24	600/1900/2100	260	23200	132.0
40	Sprint	Commscope	VV-65-R1	1900/2100	045	18364	132.0
41	Sprint	Commscope	VV-65-R1	1900/2100	150	18364	132.0
42	Sprint	Commscope	VV-65-R1	1900/2100	260	18364	132.0
43	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	000	48332	93.0
44	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	120	48332	93.0
45	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	240	48332	93.0

Appendix 3.1 MPE Limit Study



Maximum Power Density (@20'):	0.0024 mW/cm ²
General Population MPE (@20'):	0.3861%
Occupational MPE (@20'):	0.0776%

Appendix 3.2 MPE Limit Study





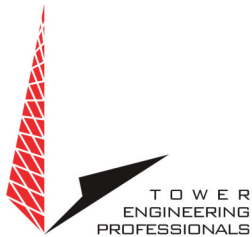
Appendix 4 Information Pertaining to MPE Studies

In 1985, the FCC first adopted guidelines to be used for evaluating human exposure to RF emissions. The FCC revised and updated these guidelines on August 1, 1996, as a result of a rule-making proceeding initiated in 1993. The new guidelines incorporate limits for Maximum Permissible Exposure (MPE) in terms of electric and magnetic field strength and power density for transmitters operating at frequencies between 300 kHz and 100 GHz.

The FCC's MPE limits are based on exposure limits recommended by the National Council on Radiation Protection and Measurements (NCRP), and, over a wide range of frequencies, the exposure limits were developed by the Institute of Electrical and Electronics Engineers, Inc., (IEEE) and adopted by the American National Standards Institute (ANSI) to replace the 1982 ANSI guidelines. Limits for localized absorption are based on recommendations of both ANSI/IEEE and NCRP.

The FCC's limits, and the NCRP and ANSI/IEEE limits on which they are based, are derived from exposure criteria quantified in terms of specific absorption rate (SAR). The basis for these limits is a whole-body averaged SAR threshold level of 4 watts per kilogram (4 W/kg), as averaged over the entire mass of the body, above which expert organizations have determined that potentially hazardous exposures may occur. The MPE limits are derived by incorporating safety factors that lead, in some cases, to limits that are more conservative than the limits originally adopted by the FCC in 1985. Where more conservative limits exist, they do not arise from a fundamental change in the RF safety criteria for whole-body averaged SAR, but from a precautionary desire to protect subgroups of the general population who, potentially, may be more at risk.

The FCC exposure limits are also based on data showing that the human body absorbs RF energy at some frequencies more efficiently than at others. The most restrictive limits occur in the frequency range of 30-300 MHz where whole-body absorption of RF energy by human beings is most efficient. At other frequencies, whole-body absorption is less efficient, and consequently, the MPE limits are less restrictive.



MPE limits are defined in terms of power density (units of milliwatts per centimeter squared: mW/cm^2), electric field strength (units of volts per meter: V/m) and magnetic field strength (units of amperes per meter: A/m). The far-field of a transmitting antenna is where the electric field vector (E), the magnetic field vector (H), and the direction of propagation can be considered to be all mutually orthogonal ("plane-wave" conditions).

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

General population/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment-related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area. Additional details can be found in FCC OET 65.



Appendix 5 MPE Standards Methodology

This study predicts RF field strength and power density levels that emanate from communications system antennae. It considers all transmitter power levels (less filter and line losses) delivered to each active transmitting antenna at the communications site. Calculations are performed to determine power density and MPE levels for each antenna as well as composite levels from all antennas. The calculated levels are based on where a human (Observer) would be standing at various locations at the site. The point of interest where the MPE level is predicted is based on the height of the Observer.

Compliance with the FCC limits on RF emissions are determined by spatially averaging a person's exposure over the projected area of an adult human body, that is approximately six-feet or two-meters, as defined in the ANSI/IEEE C95.1 standard. The MPE limits are specified as time-averaged exposure limits. This means that exposure is averaged over an identifiable time interval. It is 30 minutes for the general population/uncontrolled RF environment and 6 minutes for the occupational/controlled RF environment. However, in the case of the general public, time averaging should not be applied because the general public is typically not aware of RF exposure, and they do not have control of their exposure time. Therefore, it should be assumed that any RF exposure to the general public will be continuous.

The FCC's limits for exposure at different frequencies are shown in the following Tables.

Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3 - 3.0	614	1.63	100*	6
3.0 - 30	1842/f	4.89/f	900/F ²	6
30 - 300	61.4	0.163	1.0	6
300 - 1500	--	--	f/300	6
1500 - 100,000	--	--	5	6

f = frequency

* = Plane-wave equivalent power density

Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3 - 1.34	614	1.63	100*	30
1.34 - 30	824/f	2.19/f	180/f ²	30
30 -300	27.5	0.073	0.2	30
300 -1500	--	--	f/1500	30
1500 -100,000	--	--	1.0	30

f = frequency

* = Plane-wave equivalent power density

General population/uncontrolled exposures apply in situations in which the general public may be exposed or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

It is important to understand that these limits apply cumulatively to all sources of RF emissions affecting a given area. For example, if several different communications system antennas occupy a shared facility such as a tower or rooftop, then the total exposure from all systems at the facility must be within compliance of the FCC guidelines.



The field strength emanating from an antenna can be estimated based on the characteristics of an antenna radiating in free space. There are basically two field areas associated with a radiating antenna. When close to the antenna, the region is known as the Near Field. Within this region, the characteristics of the RF fields are very complex, and the wave front is extremely curved. As you move further from the antenna, the wave front has less curvature and becomes planar. The wave front still has a curvature, but it appears to occupy a flat plane in space (plane-wave radiation). This region is known as the Far Field.

Two models are utilized to predict Near and Far field power densities. They are based on the formulae in FCC OET 65.

Cylindrical Model (Near Field Predictions)

Spatially averaged plane-wave equivalent power densities parallel to the antenna may be estimated by dividing the antenna input power by the surface area of an imaginary cylinder surrounding the length of the radiating antenna. While the actual power density will vary along the height of the antenna, the average value along its length will closely follow the relation given by the following equation:

$$S = P \div 2\pi RL$$

Where:

S = Power Density

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length



For directional-type antennas, power densities can be estimated by dividing the input power by that portion of a cylindrical surface area corresponding to the angular beam width of the antenna. For example, for the case of a 120-degree azimuthal beam width, the surface area should correspond to 1/3 that of a full cylinder. This would increase the power density near the antenna by a factor of three over that for a purely omni-directional antenna. Mathematically, this can be represented by the following formula:

$$S = (180 / \theta_{BW}) P \div \pi RL$$

Where:

S = Power Density

θ_{BW} = Beam width of antenna in degrees (3 dB half-power point)

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

If the antenna is a 360-degree omni-directional antenna, this formula would be equivalent to the previous formula.



Spherical Model (Far Field Predictions)

Spatially averaged plane-wave power densities in the Far Field of an antenna may be estimated by considering the additional factors of antenna gain and reflective waves that would contribute to exposure.

The radiation pattern of an antenna has developed in the Far Field region and the power gain needs to be considered in exposure predictions. Also, if the vertical radiation pattern of the antenna is considered, the exposure predictions would most likely be reduced significantly at ground level, resulting in a more realistic estimate of the actual exposure levels.

Additionally, to model a truly "worst case" prediction of exposure levels at or near a surface, such as at ground-level or on a rooftop, reflection off the surface of antenna radiation power can be assumed, resulting in a potential four-fold increase in power density.

These additional factors are considered, and the Far Field prediction model is determined by the following equation:

$$S = EIRP \times Rc \div 4\pi R^2$$

Where:

S = Power Density

EIRP = Effective Radiated Power from antenna

Rc = Reflection Coefficient (2.56)

R = Distance from the antenna

The EIRP includes the antenna gain. If the antenna pattern is considered, the antenna gain is relative based on the horizontal and vertical pattern gain values at that particular location in space, on a rooftop or on the ground. However, it is recommended that the antenna radiation pattern characteristics not be considered to provide a conservative "worst case" prediction. This is the equation is utilized for the Far Field exposure predictions herein.

EXHIBIT 6



DOCKET NO. 100 - An application of SNET : CONNECTICUT SITING
Cellular, Inc., for a Certificate of :
Environmental Compatibility and Public : COUNCIL
Need for cellular telephone antennas : January 5, 1989
and associated equipment in the Town of :
Tolland, Connecticut.

DECISION AND ORDER

Pursuant to the foregoing Opinion, the Connecticut Siting Council finds that the effects associated with the construction and operation of a cellular telephone monopole structure at the proposed Tolland site, 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 significant either alone or cumulatively with other effects, 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 Section 16-50k of the General Statutes of Connecticut (CGS), be issued to SNET Cellular, Inc., for the construction, operation, and maintenance of a cellular telephone tower site and associated equipment at the proposed Tolland site in Tolland, Connecticut.

The alternative Tolland site is hereby denied.

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

1. The tower shall be constructed as a monopole tower no taller than necessary to provide the proposed service, and in no event shall the tower structure exceed a total height of 167 feet, including antennas.
2. The facility shall be constructed in accordance with the State of Connecticut Basic Building Code.
3. Unless necessary to comply with future requirements of the Federal Aviation Administration, no lights shall be installed on this tower.

4. The Certificate Holder shall prepare a development and management (D&M) plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies. The D&M plan shall include detailed plans for erosion and sediment control along the access road and at the tower site, plans for permanent evergreen screening along the outside perimeter of the eight-foot fence surrounding the site, and plans for loaming and seeding the site and sides of the access road following completion of construction. The access road shall be constructed in a manner to minimize erosion and tree clearing as much as possible.
5. The Certificate Holder or its successor shall notify the Council if and when directional antennas or any equipment other than that listed in this application are added to this facility.
6. The Certificate Holder or its successor shall permit public or private entities to share space on the tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
7. If this facility does not provide, or permanently ceases to provide, cellular service following the completion of construction, this Decision and Order shall be void, and the tower and all associated equipment in this application shall be dismantled and removed or reapplication for any new use shall be made to the Council and a Certificate granted before such new use is made.
8. The Certificate Holder shall comply with any future radio frequency (RF) standard, promulgated by State or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facility granted in this Decision and Order shall be brought into compliance with such standards.
9. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the issuance of this Decision and Order, or within three years of the completion of any appeal taken in this Decision and Order.

Pursuant to Section 16-50p, we hereby direct that a copy of the Decision and Order be served on each person listed below. A notice of issuance shall be published in the Manchester Journal Enquirer.

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 State Agencies.

The parties or intervenors to this proceeding are:

	STATUS HOLDER	REPRESENTATIVE
Party <input checked="" type="checkbox"/>	SNET Cellular, Inc. 555 Long Wharf Drive New Haven, CT 06506	SNET Cellular, Inc. c/o Peter J. Tyrrell Senior Attorney 227 Church Street Room 1021 New Haven, CT 06506 (203) 771-7381
Party <input type="checkbox"/> Intervenor <input checked="" type="checkbox"/>	Metro Mobile CTS of Hartford, Inc.	Jennifer Young Gaudet Byrne, Slater, Sandler Shulman & Rouse, P.C. 330 Main Street P.O. Box 3216 Hartford, CT 06103 (203) 525-4700

CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket No. 100 or read the record thereof, and that we voted as follows:

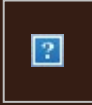
Dated at New Britain, Connecticut the 5th day of January, 1989.

<u>Council Members</u>	<u>Vote Cast</u>
<u><i>Gloria Dibble Pond</i></u> Gloria Dibble Pond Chairperson	Yes
<u><i>Patricia A. Austin</i></u> Commissioner Peter Boucher Designee: Patricia Austin	Abstain
<u><i>Brian J. Emerick</i></u> Commissioner Leslie Carothers Designee: Brian Emerick	Yes
<u><i>Mortimer A. Gelston</i></u> Mortimer A. Gelston	Yes
<u><i>Harry E. Covey</i></u> Harry E. Covey	Abstain
<u><i>Daniel P. Lynch, Jr.</i></u> Daniel P. Lynch, Jr.	Yes
<u>Paulann H. Sheets</u>	Absent
<u><i>William H. Smith</i></u> William H. Smith	Yes
<u><i>Colin C. Tait</i></u> Colin C. Tait	Abstain

EXHIBIT 7



From: [UPS](#)
To: [Barbara Kassabian](#)
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030300899973
Date: Tuesday, October 31, 2023 11:07:33 AM



Hello, your package has been delivered.

Delivery Date: Tuesday, 10/31/2023

Delivery Time: 11:06 AM

Left At: DOCK

Signed by: WEBSTER

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030300899973
Ship To:	AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 018011053 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519458

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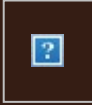
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Date: Tuesday, October 31, 2023 1:15:12 PM



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Delivery Time: 1:13 PM

Signed by: SAtnTORO



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CENTERLINE SITE ACQUISITION

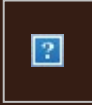
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Ship To:	DAVID CORCORAN 21 TOLLAND GREEN 3RD FLOOR TOLLAND, CT 060843028 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519458

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Date: Tuesday, October 31, 2023 1:14:14 PM



Hello, your package has been delivered.

Delivery Date: Tuesday, 10/31/2023

Delivery Time: 1:12 PM

Signed by: FUREy



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CENTERLINE SITE ACQUISITION

Tracking Number:

[1Z9Y45030317511957](#)

Ship To:

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21 TOLLAND GREEN
5TH FLOOR
TOLLAND, CT 060843028
US

Number of Packages:

1

UPS Service:

UPS Ground

Package Weight:

1.0 LBS

Reference Number:

14519458

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