

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

November 2, 2023

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

**RE: Notice of Exempt Modification // Site: EAST WOODSTOCK CT (ATC: 415484)
445 Prospect Street, Woodstock, CT 06281
N 42.01484211 // W -71.98070546**

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains twelve (12) antenna at the 161-ft level on the existing 159ft Tower, located at 445 Prospect Street, Woodstock, 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 25, 2023, by A.T Engineering Services, LLC, a structural analysis dated September 13, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design dated July 24, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated October 10, 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

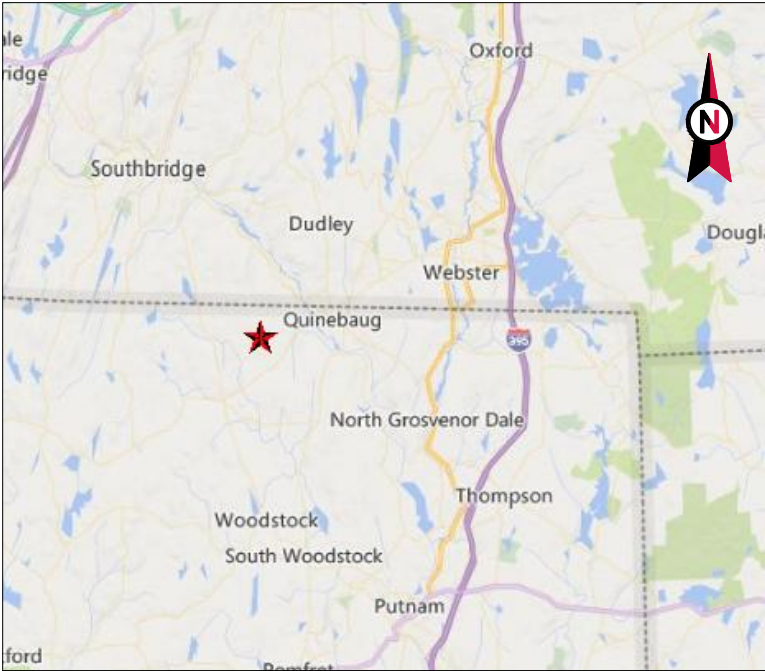
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Attachments: Exhibit 1 – Construction Drawings
 Exhibit 2 – Property Card and GIS
 Exhibit 3 – Structural Analysis
 Exhibit 4 – Mount Analysis
 Exhibit 5 – RF Emissions Analysis Report Evaluation
 Exhibit 6 – Available Original Tower Approval Records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

cc: Jay Swan – First Selectman – Chief Elected Official
 Mike D’Amato – Zoning Enforcement Official - as P&Z official
 Rich Frederick – as ground owner
 American Tower Corporation - as tower owner and ground owner

EXHIBIT 1





VICINITY MAP



AMERICAN TOWER®

ATC SITE NAME: EAST WOODSTOCK, CT CT

ATC SITE NUMBER: 415484

VERIZON SITE NAME: EAST WOODSTOCK CT

VERIZON SITE NUMBER: 5000244843

VERIZON FUZE PID: N/A

SITE ADDRESS: 445 PROSPECT ST
WOODSTOCK,CT 06281



LOCATION MAP

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) <u>DESIGN CRITERIA FROM TOWER STRUCTUAL ANALYSIS:</u> BASIC WIND SPEED: 119 MPH (3-SECOND GUST) BASIC WIND SPEED W/ ICE: 50 MPH (3-SECOND GUST) W/ 1.50" RADIAL ICE CONCURRENT ANSI/TIA-222-H / 2021 IBC / 2022 CONNECTICUT STATE BUILDING CODE CODE(S): EXPOSURE CATEGORY: B RISK CATEGORY: II TOPO FACTOR PROCEDURE: METHOD 1 TOPOGRAPHIC CATEGORY: 1 SPECTRAL RESPONSE: S_s=0.18, S₁=0.06 SITE CLASS: D - STIFF SOIL - DEFAULT INFORMATION TAKEN FROM STRUCTURAL ANALYSIS COMPLETED BY ATC, DATED 09/15/23.	<u>SITE ADDRESS:</u> 445 PROSPECT ST WOODSTOCK,CT 06281 COUNTY: WINDHAM <u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 42.01484211 LONGITUDE: -71.98070546 GROUND ELEVATION: 523' AMSL	THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW: INSTALL (2) RRH(s) EXISTING (12) ANTENNA(s), (6) RRH(s), (1) OVP(s) AND (2) 1-5/8" HYBRIFLEX CABLE(s) TO REMAIN	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
	G-001		TITLE SHEET	0	9/25/2023	LLR	
	G-002		GENERAL NOTES	0	9/25/2023	LLR	
	C-101		DETAILED SITE PLAN	0	9/25/2023	LLR	
	C-201		TOWER ELEVATION	0	9/25/2023	LLR	
	C-401		ANTENNA INFORMATION & SCHEDULE	0	9/25/2023	LLR	
	C-501		CONSTRUCTION DETAILS	0	9/25/2023	LLR	
	E-501		GROUNDING DETAILS	0	9/25/2023	LLR	
	R-601		SUPPLEMENTAL				



AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
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PEC.0001553

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	LLR	9/25/2023

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415484

ATC SITE NAME:
EAST WOODSTOCK, CT CT

VERIZON SITE NAME:
EAST WOODSTOCK CT

SITE ADDRESS:
445 PROSPECT ST
WOODSTOCK,CT 06281





ATC JOB NO:	14519440_G0
CUSTOMER ID:	EAST WOODSTOCK CT
CUSTOMER #:	5000244843

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 ANSI/EIA/TIA-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 NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT 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.



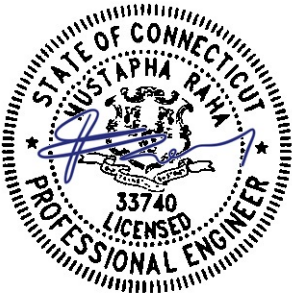
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PHONE: (919) 468-0112
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REV.	DESCRIPTION	BY	DATE
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ATC SITE NUMBER:
415484
ATC SITE NAME:
EAST WOODSTOCK, CT CT
VERIZON SITE NAME:
EAST WOODSTOCK CT
SITE ADDRESS:
445 PROSPECT ST
WOODSTOCK,CT 06281

SEAL:



Digitally Signed: 2023-09-26



ATC JOB NO:	14519440_G0
CUSTOMER ID:	EAST WOODSTOCK CT
CUSTOMER #:	5000244843

GENERAL NOTES

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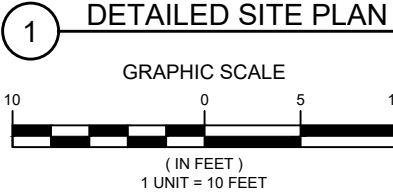
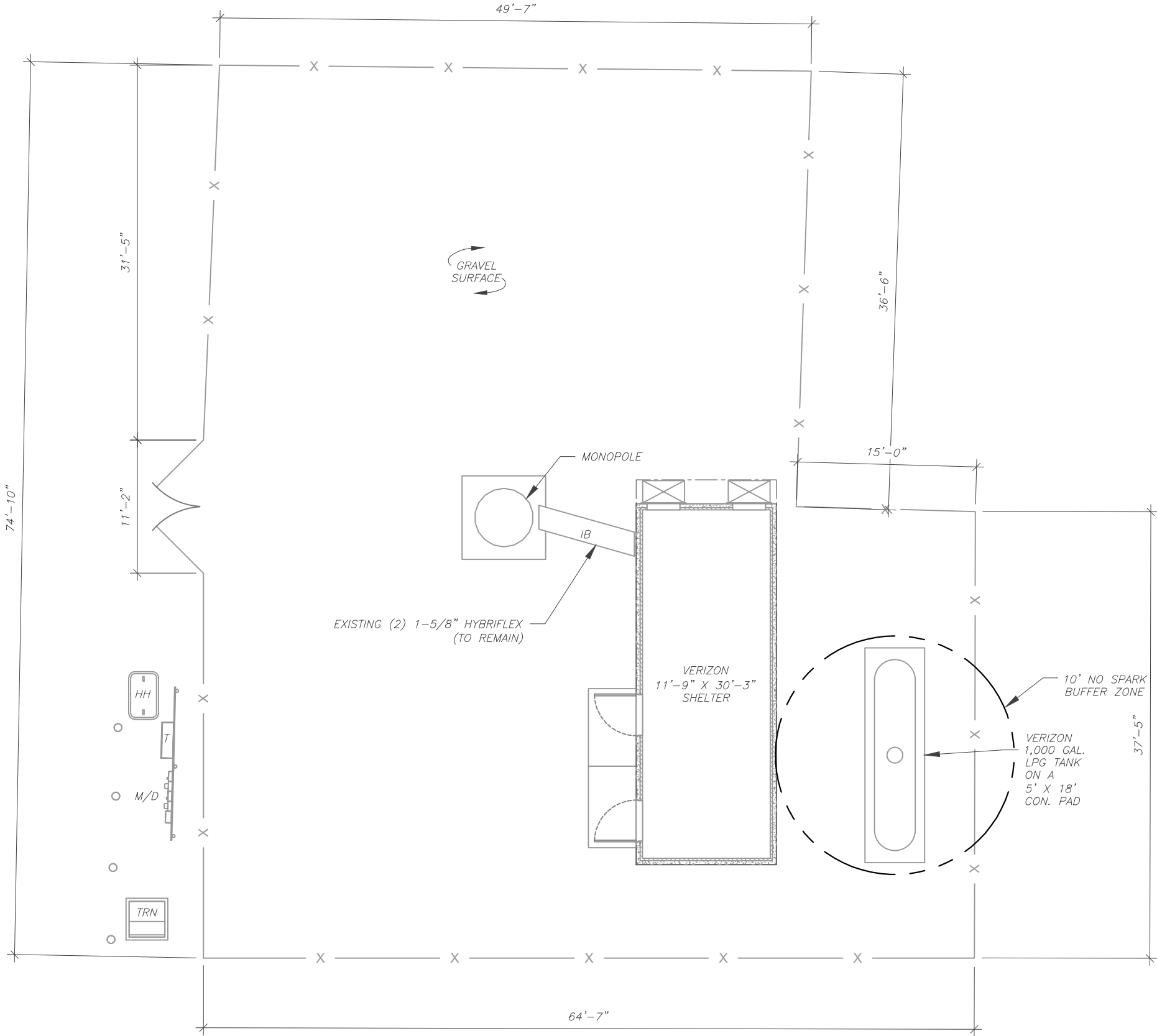
SITE PLAN NOTES:

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



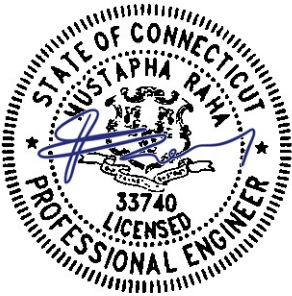
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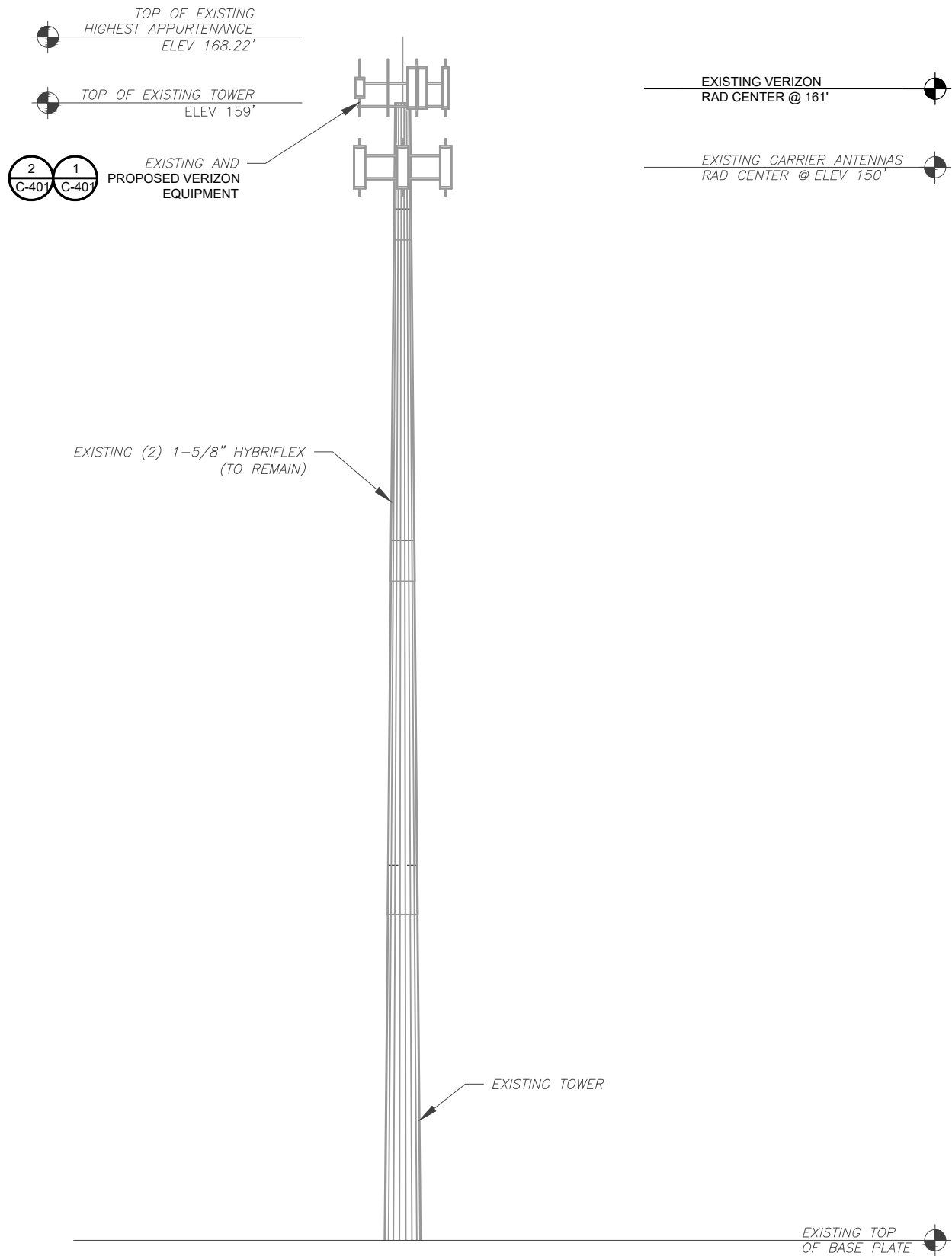
Digitally Signed: 2023-09-26



ATC JOB NO:	14519440_G0
CUSTOMER ID:	EAST WOODSTOCK CT
CUSTOMER #:	5000244843

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0



PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN CT, P.C., DATED 07/24/23, 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.



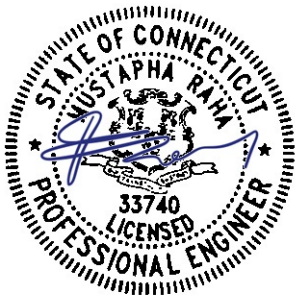
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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	LLR	9/25/2023

ATC SITE NUMBER:
415484
ATC SITE NAME:
EAST WOODSTOCK, CT CT
VERIZON SITE NAME:
EAST WOODSTOCK CT
SITE ADDRESS:
445 PROSPECT ST
WOODSTOCK,CT 06281

SEAL:



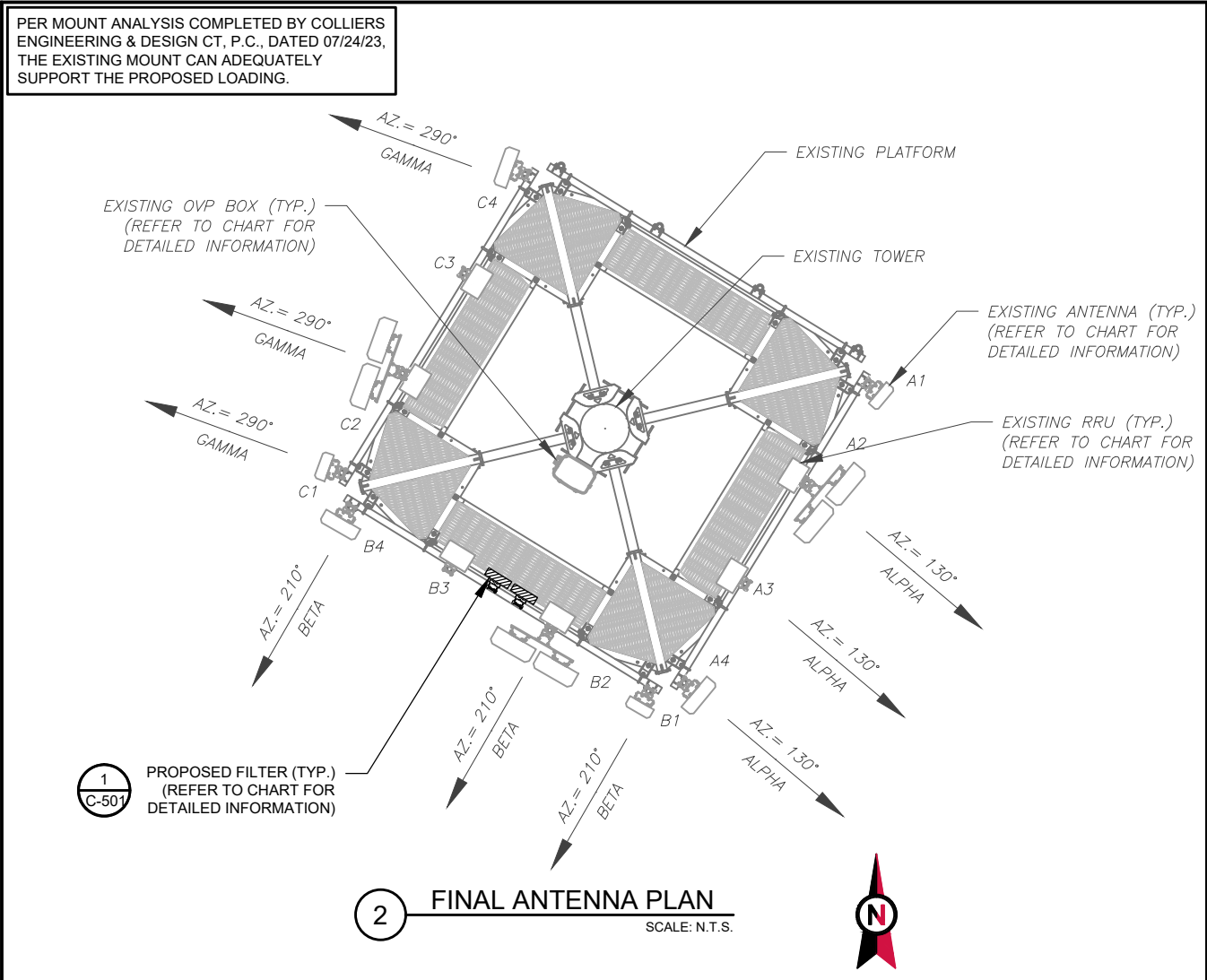
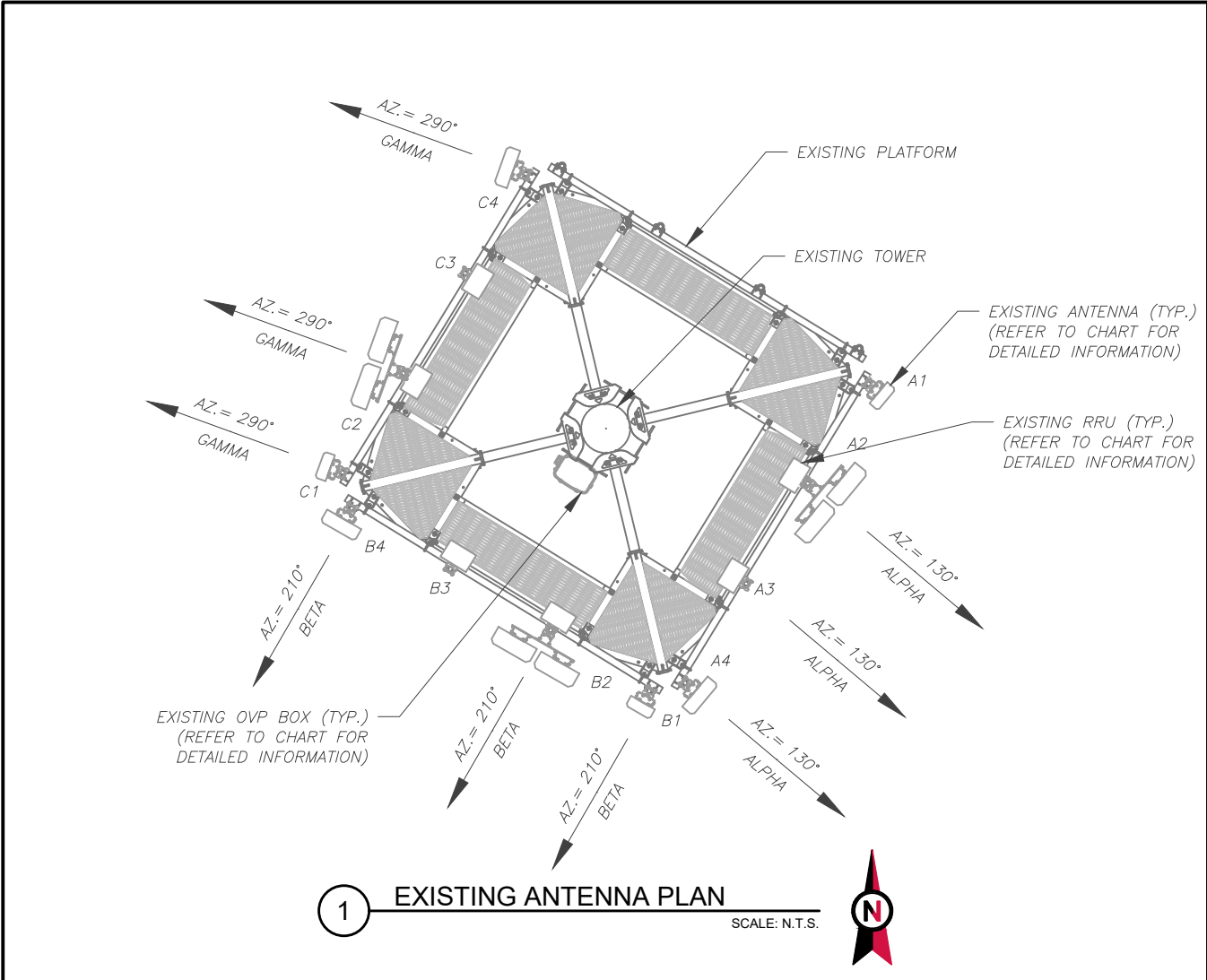
Digitally Signed: 2023-09-26



ATC JOB NO:	14519440_G0
CUSTOMER ID:	EAST WOODSTOCK CT
CUSTOMER #:	5000244843

TOWER ELEVATION

SHEET NUMBER: C-201	REVISION: 0
------------------------	----------------



EXISTING ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	161'	130°	A1	BXA-70063/6CF_	-	RMN	-	-
			A2	(2) MX06FRO660-03	-	RMN	B2/B66A RRH-BR049	RMN
			A3	-	-	-	B5/B13 RRH-BR04C	RMN
			A4	MT6407-77A	-	RMN	-	-
BETA	161'	210°	B1	BXA-70063/6CF_	-	RMN	-	-
			B2	(2) MX06FRO660-03	-	RMN	B2/B66A RRH-BR049	RMN
			B3	-	-	-	B5/B13 RRH-BR04C	RMN
			B4	MT6407-77A	-	RMN	-	-
GAMMA	161'	290°	C1	BXA-70063/6CF_	-	RMN	-	-
			C2	(2) MX06FRO660-03	-	RMN	B2/B66A RRH-BR049	RMN
			C3	-	-	-	B5/B13 RRH-BR04C	RMN
			C4	MT6407-77A	-	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	161'	130°	A1	BXA-70063/6CF_	-	RMN	-	-
			A2	(2) MX06FRO660-03	-	RMN	B2/B66A RRH-BR049	RMN
			A3	-	-	-	B5/B13 RRH-BR04C	RMN
			A4	MT6407-77A	-	RMN	-	-
BETA	161'	210°	B1	BXA-70063/6CF_	-	RMN	-	-
			B2	(2) MX06FRO660-03	-	RMN	B2/B66A RRH-BR049	RMN
			B3	-	-	-	(2) KA-6030 B5/B13 RRH-BR04C	ADD RMN
			B4	MT6407-77A	-	RMN	-	-
GAMMA	161'	290°	C1	BXA-70063/6CF_	-	RMN	-	-
			C2	(2) MX06FRO660-03	-	RMN	B2/B66A RRH-BR049	RMN
			C3	-	-	-	B5/B13 RRH-BR04C	RMN
			C4	MT6407-77A	-	RMN	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
RVZDC-6627-PF-48	RMN	(2) 1-5/8" HYBRIFLEX	RMN
-	RMV	----	RMV

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
RVZDC-6627-PF-48	RMN	(2) 1-5/8" HYBRIFLEX	RMN
-	ADD	----	ADD

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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0	FOR CONSTRUCTION	LLR	9/25/2023

ATC SITE NUMBER:
415484

ATC SITE NAME:
EAST WOODSTOCK, CT CT

VERIZON SITE NAME:
EAST WOODSTOCK CT

SITE ADDRESS:
445 PROSPECT ST
WOODSTOCK, CT 06281

SEAL:

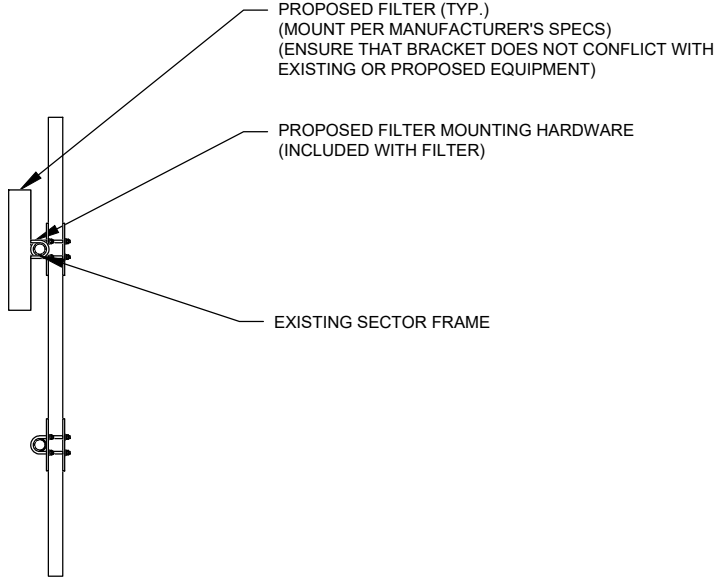
Digitally Signed: 2023-09-26

ATC JOB NO:	14519440_G0
CUSTOMER ID:	EAST WOODSTOCK CT
CUSTOMER #:	5000244843

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.



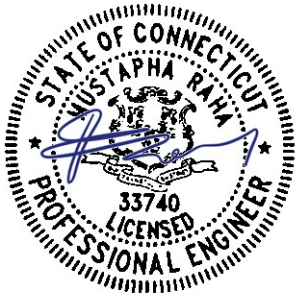
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A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
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0	FOR CONSTRUCTION	LLR	9/25/2023

ATC SITE NUMBER:
415484
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EAST WOODSTOCK, CT CT
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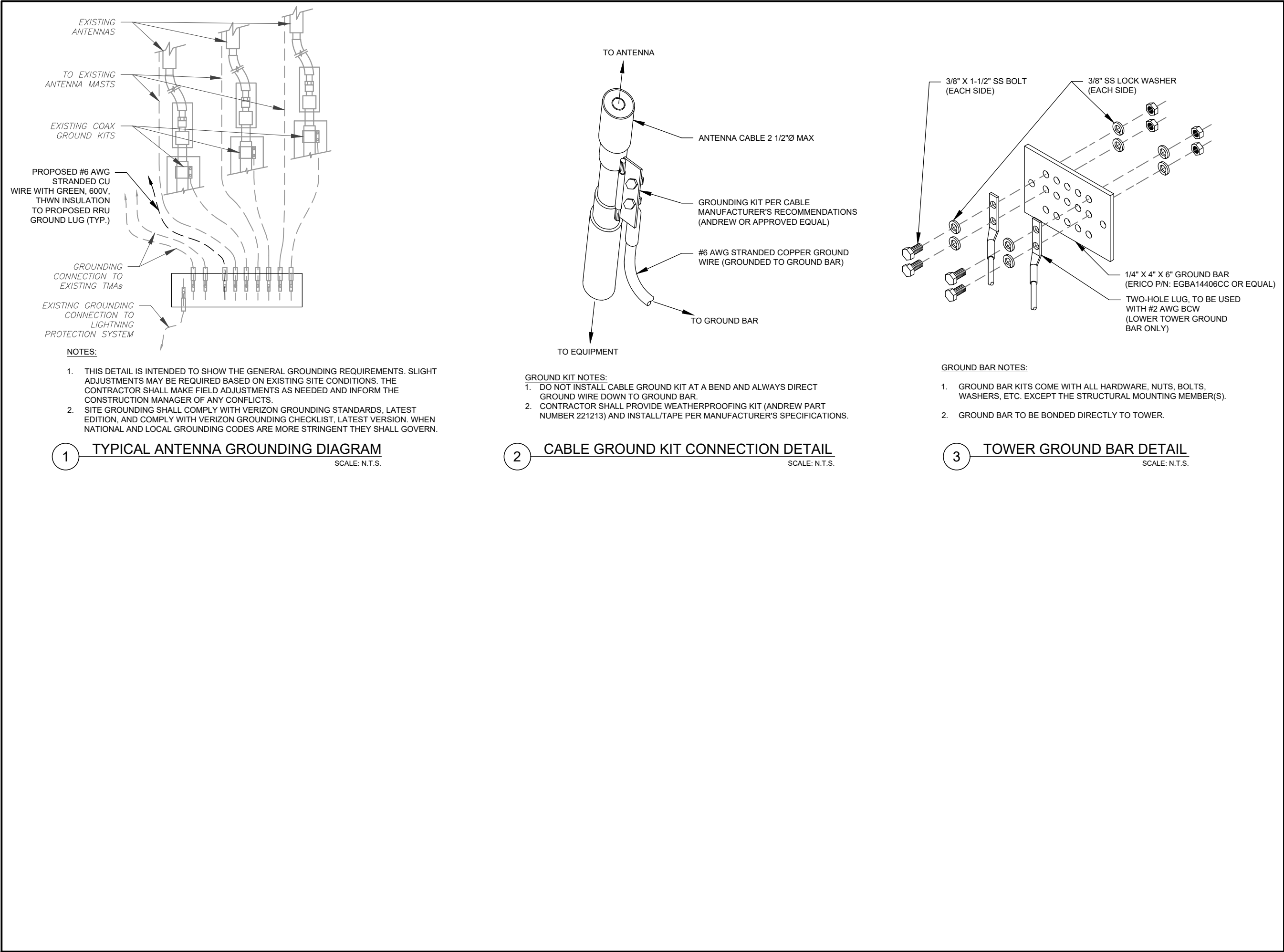
Digitally Signed: 2023-09-26



ATC JOB NO:	14519440_G0
CUSTOMER ID:	EAST WOODSTOCK CT
CUSTOMER #:	5000244843

CONSTRUCTION
DETAILS

SHEET NUMBER:	REVISION:
C-501	0



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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	LLR	9/25/2023

ATC SITE NUMBER:
415484

ATC SITE NAME:
EAST WOODSTOCK, CT CT

VERIZON SITE NAME:
EAST WOODSTOCK CT

SITE ADDRESS:
445 PROSPECT ST
WOODSTOCK,CT 06281

SEAL:

Digitally Signed: 2023-09-26

ATC JOB NO:	14519440_G0
CUSTOMER ID:	EAST WOODSTOCK CT
CUSTOMER #:	5000244843

GROUNDING DETAILS

SHEET NUMBER: E-501	REVISION: 0
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Colliers Engineering & Design CT, P.C.
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Mount Structural Analysis Report
(1) 13.54-Ft Platform

July 24, 2023
Site ID: 5000244843-VZW / EAST WOODSTOCK CT
Page | 5

Requirements:

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

Install the (2) proposed KA-6030 filters along the support rail of the Beta sector.

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 #: 10207600
Colliers Engineering & Design CT, P.C. Project #: 21777174

July 24, 2023

Site Information

Site ID: 5000244843-VZW / EAST WOODSTOCK CT
Site Name: EAST WOODSTOCK CT
Carrier Name: Verizon Wireless
Address: 445 Prospect St.
Woodstock, Connecticut 06281
Windham County
Latitude: 42.014830°
Longitude: -71.980692°

Structure Information

Tower Type: 160-Ft Monopole
Mount Type: 13.54-Ft Platform Mount

FUZE ID # 17123833

Analysis Results

Platform: 50.1% 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: Cody Sherman



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 CONTRUCTION.

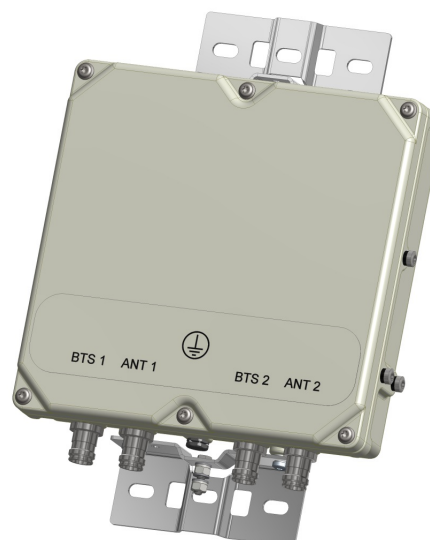
KA-6030

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

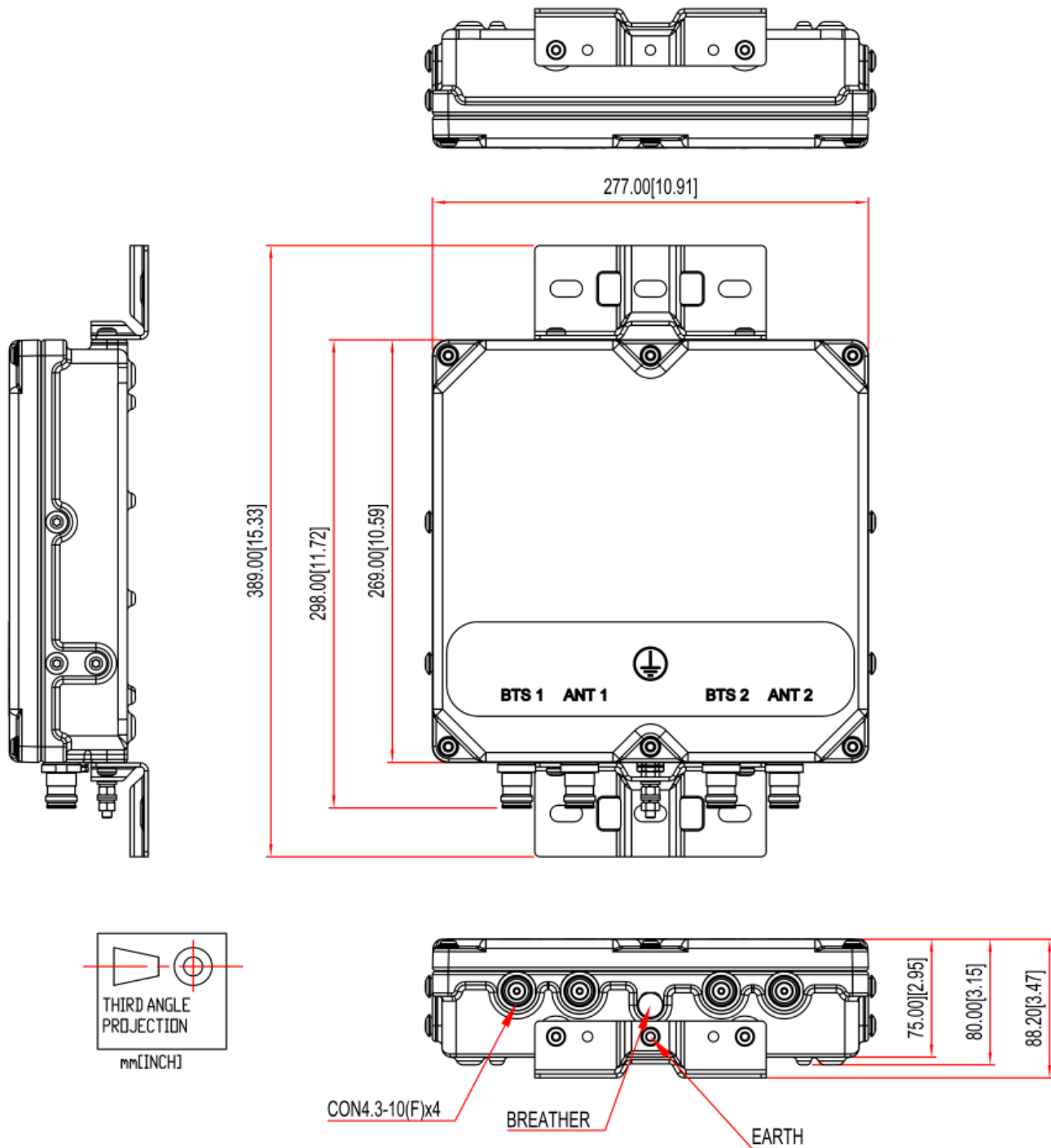


EXHIBIT 2



445 PROSPECT ST

Location	445 PROSPECT ST	Mblu	5703/ 05/ 06/ /
Acct#	R0327400	Owner	RICH FREDERICK C + BARBARA P + RICH
Assessment	\$419,580	Appraisal	\$717,900
PID	3445	Building Count	1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$319,600	\$398,300	\$717,900
Assessment			
Valuation Year	Improvements	Land	Total
2021	\$223,900	\$195,680	\$419,580

Owner of Record

Owner	RICH FREDERICK C + BARBARA P + RICH	Sale Price	\$0
Co-Owner	FREDERICK C JR + KIMBERLY	Certificate	1
Address	445 PROSPECT ST WOODSTOCK , CT 06281	Book & Page	249/ 220
		Sale Date	

Ownership History

Ownership History				
Owner	Sale Price	Certificate	Book & Page	Sale Date
RICH FREDERICK C + BARBARA P + RICH	\$0	1	249/ 220	

Building Information

Building 1 : Section 1	
Year Built:	1960
Living Area:	1,617
Replacement Cost:	\$254,123
Building Percent Good:	80
Replacement Cost	
Less Depreciation:	\$203,300
Building Attributes	
Field	Description

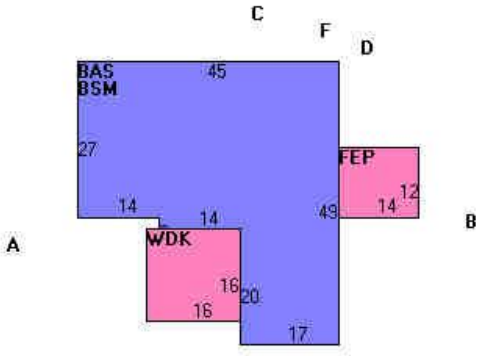
Style	Ranch
Model	Residential
Grade:	C
Stories:	1.0
Living Units	1
Exterior Wall 1	Vinyl Siding
Exterior Wall 2	
Roof Structure:	Gable
Roof Cover	Arch. Shingles
Interior Wall 1	Plastered
Interior Wall 2	Drywall
Interior Flr 1	Carpet
Interior Flr 2	Hardwood
Heat Fuel	Oil
Heat Type:	Hot Water
AC Type:	None
Total Bedrooms:	2 Bedrooms
Total Bthrms:	1
Total Half Baths:	0
Total Xtra Fixtrs:	1
Total Rooms:	6
Bath Style:	Average
Kitchen Style:	Above Average
Whirlpool Tubs	
Bsmt. Garages	0

Building Photo



(https://images.vgsi.com/photos/WoodstockCTPhotos/\00\00\22\34.JPG)

Building Layout



(https://images.vgsi.com/photos/WoodstockCTPhotos//Sketches/3445_344

Building Sub-Areas (sq ft)			<u>Legend</u>
Code	Description	Gross Area	Living Area
BAS	First Floor	1,617	1,617
BSM	Basement Area	1,617	0
FEP	Enclosed Porch	168	0
WDK	Wood Deck	256	0
		3,658	1,617

Extra Features

Extra Features					<u>Legend</u>
Code	Description	Size	Value	Bldg #	
FPL1	Fireplace, 1 Sty	1 UNITS	\$2,800	1	

Land

Land Use		Land Line Valuation	
Use Code	101	Size (Acres)	44.2
Description	Single Family	Frontage	
Zone		Depth	
Neighborhood		Assessed Value	\$195,680
Alt Land Appr	No	Appraised Value	\$398,300
Category			

Outbuildings

Outbuildings						<u>Legend</u>
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
BRN2	Barn w Bsmt	FR	Frame	1680 S.F.	\$26,300	1
BRN2	Barn w Bsmt	CB	CindBk/Frame	1800 S.F.	\$33,100	1
BRN1	Barn 1 Story	FR	Frame	3360 S.F.	\$39,100	1
BRN1	Barn 1 Story	CB	CindBk/Frame	350 S.F.	\$5,000	1
SHD1	Shed	FR	Frame	720 S.F.	\$4,500	1
SHD1	Shed	FR	Frame	336 S.F.	\$2,100	1
BRN8	Pole Barn	FR	Frame	640 S.F.	\$2,400	1
SHD1	Shed	FR	Frame	96 S.F.	\$600	1
LNT	Lean-To	FR	Frame	200 S.F.	\$400	1

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2022	\$319,600	\$398,300	\$717,900
2020	\$247,400	\$348,500	\$595,900
2019	\$247,400	\$348,500	\$595,900

Assessment			
Valuation Year	Improvements	Land	Total
2022	\$223,900	\$195,680	\$419,580
2020	\$173,400	\$154,820	\$328,220
2019	\$173,400	\$154,820	\$328,220

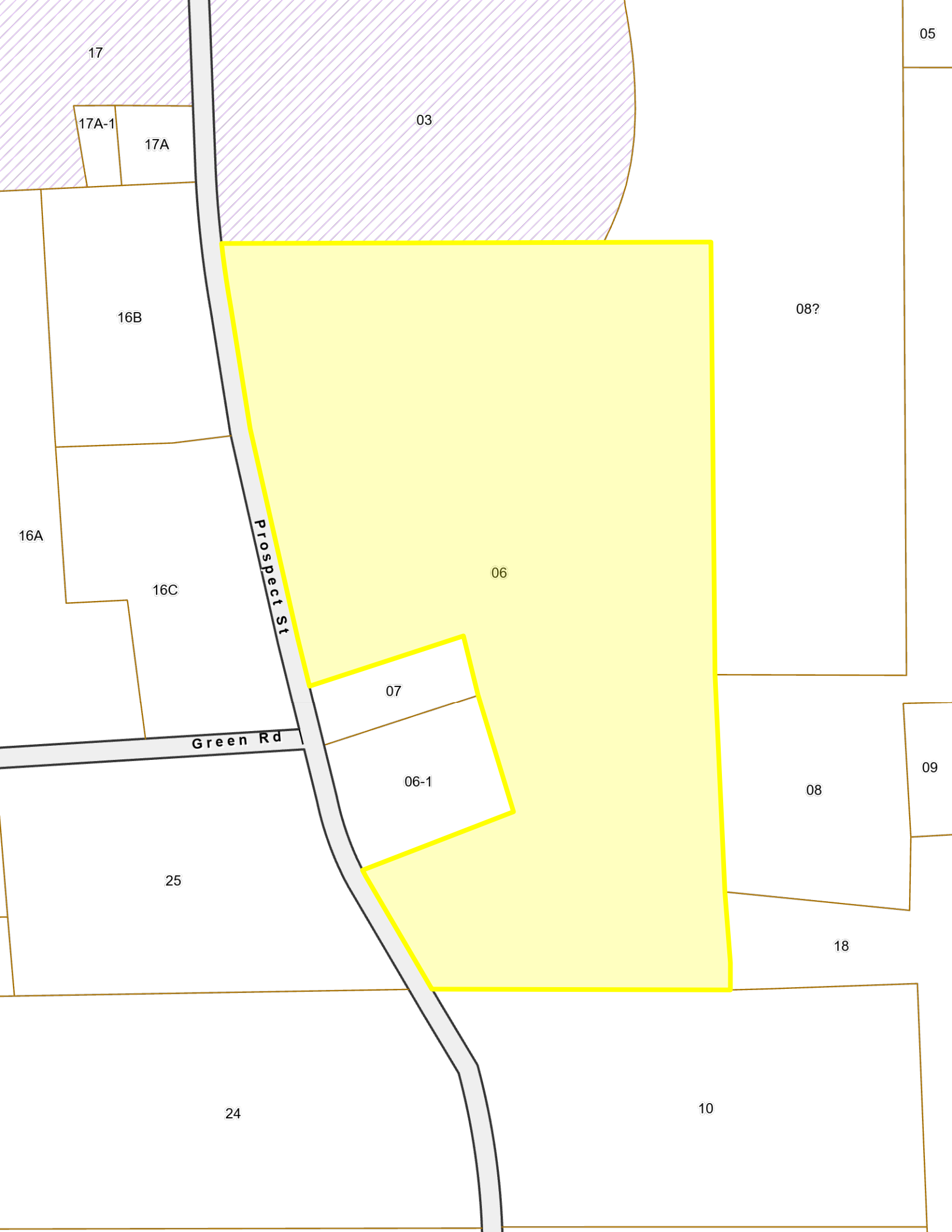


EXHIBIT 3





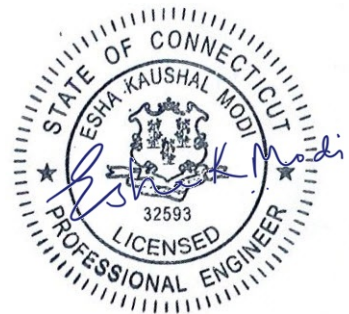
Structural Analysis Report

Structure : 159 ft Monopole
ATC Asset Name : East Woodstock, CT CT
ATC Asset Number : 415484
Engineering Number : 14519440_C3_01
Proposed Carrier : VERIZON WIRELESS
Carrier Site Name : EAST WOODSTOCK CT
Carrier Site Number : 5000244843
Site Location : 445 Prospect St
Woodstock, CT 06281-1431
42.0148° N, 71.9807° W
County : Windham
Date : September 13, 2023
Max Usage : 44%
Analysis Result : Pass

Created By:

Pedro Morales Mendoza
Structural Engineer I

A handwritten signature in black ink, appearing to read 'pedro morales'.



COA: PEC.0001553



Table of Contents

Introduction	3
Supporting Documents	3
Analysis	3
Conclusion	3
Structure Usages	4
Maximum Reactions	4
Tower Loading	5
Standard Conditions	Attached
Calculations	Attached

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 159 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	EI Project #16522, dated November 19, 2010
Foundation:	EI Project #16522, dated November 22, 2010
Geotechnical:	DET Job #2010.16, dated October 18, 2010

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:	119 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 reach out to your American Tower contact. If you do not have an American Tower contact and have an Engineering question, please contact 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	36.3%	1.2D + 1.0W	Pass
Serviceability Usage	22.5%	1.0D + 1.0W	Pass
Base Plate @ 0.0 ft	38.7%	Rods	Pass
Mat & Pier	44.2%	Flexure [Steel (Mat)]	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	2,918.9	55.1	24.7

**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
161.0	1	Square Platform with Handrails	(2) 1 5/8" Hybriflex
	1	Raycap RVZDC-6627-PF-48	
	1	Unused Reserve (17296.1400 sqin)	
	2	Kaelus KA-6030	
	3	Antel BXA-70063/6CF_	
	3	Samsung B2/B66A RRH-BR049	
	3	Samsung B5/B13 RRH-BR04C	
	3	Samsung MT6407-77A	
	6	JMA Wireless MX06FRO660-03	
160.0	4	Mount Reinforcement	-

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
150.0	1	Ceragon IP-50C	(1) 0.50" (12.7mm) Fiber (2) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	1	Commscope VHLP2-11W/A		
	1	Platform with Handrails		
	1	Raycap RDIDC-9181-PF-48		
	3	Commscope FFVV-65B-R2		
	3	Fujitsu TA08025-B604		
	3	Fujitsu TA08025-B605		

(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.

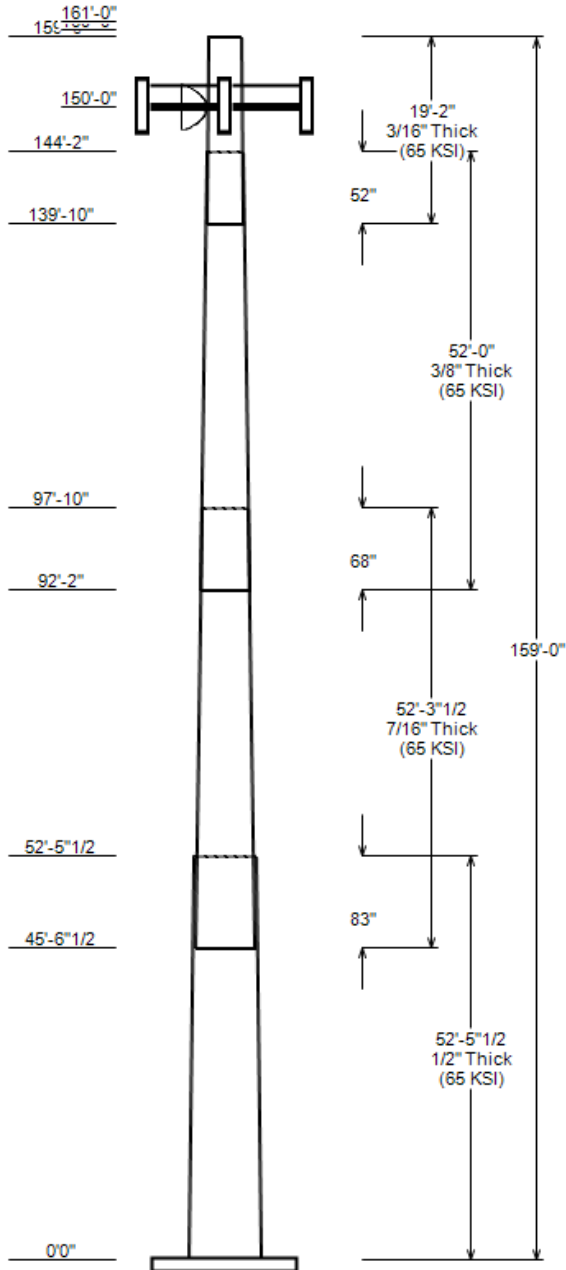
All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Services LLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.

POLE SECTION PROPERTIES

Section	Length (ft)	Flat Diameter (in)		Thick (in)	Joint Type	Joint Length (in)	Pole Shape	Yield Strength (ksi)
		Top	Bottom					
1	52.460	48.35	60.50	0.500		0.000	18 Sides	65
2	52.290	38.72	50.83	0.438	Slip Joint	83.000	18 Sides	65
3	52.000	28.74	40.78	0.375	Slip Joint	68.000	18 Sides	65
4	19.167	25.68	30.12	0.188	Slip Joint	52.000	18 Sides	65

LINEAR APPURTENANCE

DISH SERVICEABILITY			
Load Case	Elevation (ft)	Deflection (in)	Rotation (°)
1.0D + 1.0W	150.00	11.472	0.738



Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	2918.88	55.12	24.74
0.9D + 1.0W	2892.06	41.34	24.73
1.2D + 1.0Di + 1.0Wi	935.55	79.16	7.70
1.2D + 1.0Ev + 1.0Eh	187.43	54.90	1.38
0.9D - 1.0Ev + 1.0Eh	185.33	38.16	1.38
1.0D + 1.0W	660.02	45.95	5.62

ASSET: 415484, East Woodstock, CT CT
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519440_C3_01

ANALYSIS PARAMETERS

Location:	Windham County,CT	Height:	159 ft
Type and Shape:	Taper, 18 Sides	Base Diameter:	60.50 in
Manufacturer:	EEI	Top Diameter:	25.68 in
K _d (non-service):	0.95	Taper:	0.2320 in/ft
K _e :	0.98	Rotation:	0.000°

ICE & WIND PARAMETERS

Risk Category:	II	Design Wind Speed:	119 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:	523.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method		
Site Class:	D - Stiff Soil	Period Based on Rayleigh Method (sec):	2.22
T _L (sec):	6	P:	1
S _s :	0.182	S ₁ :	0.056
F _a :	1.600	F _v :	2.400
S _{ds} :	0.194	S _{d1} :	0.090
		C _s :	0.030
		C _s Max:	0.030
		C _s Min:	0.030

LOAD CASES

1.2D + 1.0W	119 mph Wind with No Ice
0.9D + 1.0W	119 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 (in²)	Ix (in⁴)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (in²)	Ix (in⁴)	W/t Ratio	D/t Ratio	Taper (in/ft)
1-18	52.46	0.5000	65		0.00	15,276	60.50	0.000	95.22	43,308.0	19.92	121.00	48.35	52.46	75.94	21,968.	15.64	96.70	0.2316
2-18	52.29	0.4375	65	Slip	83.00	10,954	50.83	45.540	69.97	22,448.1	19.07	116.18	38.72	97.83	53.16	9,842.5	14.19	88.50	0.2316
3-18	52.00	0.3750	65	Slip	68.00	7,242	40.78	92.170	48.09	9,920.6	17.77	108.75	28.74	144.17	33.76	3,431.8	12.10	76.64	0.2316
4-18	19.17	0.1875	65	Slip	52.00	1,076	30.12	139.833	17.81	2,016.1	26.91	160.63	25.68	159.00	15.17	1,245.6	22.74	136.96	0.2316

Total Shaft Weight 34,548

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
161.00	Kaelus KA-6030	2	0.75	0.000	17.60	0.963	0.50	41.33	1.621	0.50
161.00	Generic Square Platform with H	1	1.00	0.000	3790.00	49.300	1.00	8255.17	135.041	1.00
161.00	JMA Wireless MX06FRO660-03	6	0.75	0.000	60.00	9.872	0.71	301.35	12.634	0.71
161.00	Antel BXA-70063/6CF_	3	0.75	0.000	17.00	7.569	0.65	159.36	10.345	0.65
161.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	184.20	6.238	0.61
161.00	Raycap RVZDC-6627-PF-48	1	0.75	0.000	32.00	3.781	1.00	142.39	5.112	1.00
161.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	127.88	2.784	0.50
161.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	148.62	2.784	0.50
161.00	Unused Reserve (17296.1400 sqi	1	0.75	0.000	1312.90	120.112	0.90	2233.61	204.344	0.90
160.00	Generic Mount Reinforcement	4	0.75	0.000	200.00	4.980	0.67	394.81	9.985	0.67
150.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	4277.13	63.380	1.00
150.00	Commscope FFFV-65B-R2	3	0.75	0.000	70.80	12.271	0.64	322.19	15.076	0.64
150.00	Commscope VHLP2-11W/A	1	0.75	0.000	17.00	4.650	1.00	106.93	5.920	1.00
150.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	122.24	2.882	0.50
150.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	137.67	2.882	0.50
150.00	Raycap RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	78.71	2.767	1.00
150.00	Ceragon IP-50C	1	0.75	0.000	13.20	1.122	1.00	40.37	1.829	1.00
Totals	Row Count: 17	40			10,271.20			22,210.79		

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	161.00	2	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	150.00	2	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS L.L.C.
0.00	150.00	1	0.50" (12.7mm) Fiber	0.5	0.13	N	0	0	0	0	0	N	DISH WIRELESS L.L.C.

SEGMENT PROPERTIES												
Seg Top Elev (ft)	Description	(Max Length: 5 ft)	Thick (in)	Flat Dia (in)	Area (in²)	Ix (in⁴)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in³)	Z (in³)	Weight (lb)
0.00			0.5000	60.500	95.217	43,308.00	19.92	121.00	78	1409.9	0.0	0.0
5.00			0.5000	59.342	93.379	40,848.80	19.52	118.68	78.4	1355.8	0.0	1,604.4
10.00			0.5000	58.184	91.542	38,484.60	19.11	116.37	78.9	1302.8	0.0	1,573.1
15.00			0.5000	57.026	89.704	36,213.40	18.70	114.05	79.4	1250.8	0.0	1,541.8
20.00			0.5000	55.869	87.867	34,033.30	18.29	111.74	79.9	1199.8	0.0	1,510.6
25.00			0.5000	54.711	86.029	31,942.50	17.88	109.42	80.4	1149.9	0.0	1,479.3
30.00			0.5000	53.553	84.192	29,939.20	17.48	107.11	80.8	1101.1	0.0	1,448.1
35.00			0.5000	52.395	82.354	28,021.40	17.07	104.79	81.3	1053.4	0.0	1,416.8
40.00			0.5000	51.237	80.517	26,187.30	16.66	102.47	81.8	1006.7	0.0	1,385.5
45.00			0.5000	50.079	78.679	24,435.10	16.25	100.16	82.3	961.0	0.0	1,354.3
45.54	Bot - Section 2		0.5000	49.953	78.480	24,249.50	16.21	99.91	82.3	956.1	0.0	145.3
50.00			0.5000	48.921	76.842	22,762.80	15.84	97.84	82.6	916.4	0.0	2,228.0
52.46	Top - Section 1		0.4375	49.227	67.747	20,374.80	18.43	112.52	79.7	815.2	0.0	1,209.9
55.00			0.4375	48.639	66.931	19,646.80	18.19	111.17	80	795.6	0.0	582.0
60.00			0.4375	47.481	65.323	18,264.70	17.73	108.53	80.6	757.7	0.0	1,125.1
65.00			0.4375	46.323	63.715	16,949.00	17.26	105.88	81.1	720.7	0.0	1,097.7

ASSET: 415484, East Woodstock, CT CT
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519440_C3_01

SEGMENT PROPERTIES														
Seg Top Elev (ft)	Description	(Max Length: 5 ft)	Thick (in)	Flat Dia (in)	Area (in²)	Ix (in⁴)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in³)	Z (in³)	Weight (lb)		
70.00	Bot - Section 3		0.4375	45.165	62.107	15,698.00	16.79	103.23	81.6	684.6	0.0	1,070.4		
75.00			0.4375	44.007	60.500	14,510.20	16.33	100.59	82.2	649.4	0.0	1,043.0		
80.00			0.4375	42.849	58.892	13,383.80	15.86	97.94	82.6	615.2	0.0	1,015.7		
85.00			0.4375	41.691	57.284	12,317.30	15.39	95.29	82.6	581.9	0.0	988.3		
90.00			0.4375	40.533	55.676	11,309.00	14.93	92.65	82.6	549.5	0.0	960.9		
92.17	Top - Section 2		0.4375	40.032	54.980	10,889.80	14.72	91.50	82.6	535.8	0.0	407.9		
95.00			0.4375	39.376	54.069	10,357.30	14.46	90.00	82.6	518.1	0.0	985.6		
97.83			0.3750	39.470	46.531	8,985.10	17.15	105.25	81.2	448.4	0.0	969.3		
100.00			0.3750	38.968	45.933	8,643.60	16.91	103.91	81.5	436.9	0.0	340.9		
105.00			0.3750	37.810	44.555	7,888.70	16.37	100.83	82.1	410.9	0.0	769.8		
110.00			0.3750	36.652	43.177	7,179.10	15.82	97.74	82.6	385.8	0.0	746.3		
115.00			0.3750	35.494	41.799	6,513.40	15.28	94.65	82.6	361.4	0.0	722.9		
120.00			0.3750	34.336	40.421	5,890.20	14.73	91.56	82.6	337.9	0.0	699.4		
125.00			0.3750	33.178	39.043	5,308.00	14.19	88.48	82.6	315.1	0.0	676.0		
130.00			0.3750	32.021	37.665	4,765.60	13.65	85.39	82.6	293.1	0.0	652.5		
135.00	Bot - Section 4		0.3750	30.863	36.287	4,261.40	13.10	82.30	82.6	272.0	0.0	629.1		
139.83			0.3750	29.743	34.955	3,809.10	12.57	79.32	82.6	252.2	0.0	585.8		
140.00			0.3750	29.705	34.909	3,794.10	12.56	79.21	82.6	251.6	0.0	29.9		
144.17			Top - Section 3		0.1875	29.115	17.215	1,820.00	25.97	155.28	70.9	123.1	0.0	734.9
145.00					0.1875	28.922	17.100	1,783.80	25.79	154.25	71.1	121.5	0.0	48.7
150.00	0.1875	27.764			16.411	1,576.80	24.70	148.08	72.4	111.9	0.0	285.1		
155.00			0.1875	26.606	15.722	1,386.40	23.61	141.90	73.6	102.6	0.0	273.4		
159.00			0.1875	25.680	15.171	1,245.60	22.74	136.96	74.7	95.5	0.0	210.2		
Total:												34,547.9		

CALCULATED FORCES													
Load Case: 1.2D + 1.0W			119 mph Wind with No Ice									22 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	-55.12	-24.74	0.00	-2,918.9	0.00	2,918.88	6,681.23	1,671.05	9,056.15	8,244.36	0	0	0.363
5.00	-53.11	-24.35	0.00	-2,795.2	0.00	2,795.18	6,592.66	1,638.80	8,710.04	7,976.78	0.05	-0.09	0.359
10.00	-51.14	-23.96	0.00	-2,673.4	0.00	2,673.44	6,502.50	1,606.56	8,370.67	7,711.57	0.2	-0.19	0.355
15.00	-49.21	-23.58	0.00	-2,553.6	0.00	2,553.63	6,410.75	1,574.31	8,038.05	7,448.85	0.45	-0.29	0.351
20.00	-47.32	-23.20	0.00	-2,435.7	0.00	2,435.73	6,317.41	1,542.06	7,712.17	7,188.72	0.8	-0.38	0.347
25.00	-45.46	-22.83	0.00	-2,319.7	0.00	2,319.73	6,222.49	1,509.81	7,393.03	6,931.31	1.26	-0.48	0.342
30.00	-43.64	-22.45	0.00	-2,205.6	0.00	2,205.59	6,125.98	1,477.57	7,080.64	6,676.72	1.82	-0.58	0.338
35.00	-41.86	-22.07	0.00	-2,093.3	0.00	2,093.33	6,027.87	1,445.32	6,774.99	6,425.08	2.48	-0.69	0.333
40.00	-40.12	-21.67	0.00	-1,983.0	0.00	1,982.99	5,928.18	1,413.07	6,476.09	6,176.49	3.26	-0.79	0.328
45.00	-38.44	-21.44	0.00	-1,874.6	0.00	1,874.63	5,826.91	1,380.82	6,183.92	5,931.07	4.14	-0.89	0.323
45.54	-38.24	-21.24	0.00	-1,863.0	0.00	1,862.98	5,815.80	1,377.32	6,152.58	5,904.60	4.24	-0.91	0.322
50.00	-35.51	-20.92	0.00	-1,768.3	0.00	1,768.33	5,708.97	1,348.58	5,898.50	5,673.97	5.13	-1	0.318
52.46	-34.02	-20.69	0.00	-1,716.9	0.00	1,716.86	4,861.01	1,188.97	5,239.69	4,874.46	5.67	-1.05	0.360
55.00	-33.27	-20.38	0.00	-1,664.3	0.00	1,664.30	4,819.20	1,174.63	5,114.13	4,773.76	6.24	-1.11	0.356
60.00	-31.85	-19.95	0.00	-1,562.4	0.00	1,562.41	4,735.71	1,146.42	4,871.41	4,577.35	7.47	-1.23	0.348
65.00	-30.45	-19.52	0.00	-1,462.6	0.00	1,462.65	4,650.62	1,118.20	4,634.60	4,383.46	8.82	-1.34	0.341
70.00	-29.10	-19.08	0.00	-1,365.1	0.00	1,365.06	4,563.95	1,089.98	4,403.69	4,192.19	10.29	-1.46	0.332
75.00	-27.78	-18.65	0.00	-1,269.6	0.00	1,269.64	4,475.68	1,061.77	4,178.67	4,003.66	11.88	-1.58	0.324
80.00	-26.49	-18.21	0.00	-1,176.4	0.00	1,176.40	4,375.37	1,033.55	3,959.56	3,808.88	13.61	-1.7	0.315
85.00	-25.23	-17.78	0.00	-1,085.3	0.00	1,085.34	4,255.92	1,005.34	3,746.35	3,602.71	15.45	-1.82	0.307
90.00	-24.02	-17.45	0.00	-996.5	0.00	996.47	4,136.47	977.12	3,539.04	3,402.29	17.43	-1.94	0.299
92.17	-23.50	-17.24	0.00	-958.7	0.00	958.66	4,084.71	964.89	3,451.03	3,317.22	18.32	-2	0.295
95.00	-22.28	-16.97	0.00	-909.8	0.00	909.82	4,017.02	948.90	3,337.63	3,207.60	19.53	-2.07	0.290
97.83	-21.09	-16.72	0.00	-861.8	0.00	861.75	3,401.76	816.61	2,883.70	2,731.66	20.77	-2.13	0.322
100.00	-20.65	-16.42	0.00	-825.5	0.00	825.52	3,369.57	806.13	2,810.17	2,670.76	21.76	-2.19	0.316
105.00	-19.66	-15.99	0.00	-743.4	0.00	743.41	3,294.16	781.95	2,644.10	2,531.89	24.12	-2.32	0.300
110.00	-18.70	-15.57	0.00	-663.4	0.00	663.44	3,207.85	757.76	2,483.09	2,388.54	26.61	-2.44	0.284
115.00	-17.78	-15.15	0.00	-585.6	0.00	585.59	3,105.46	733.57	2,327.14	2,237.75	29.24	-2.57	0.268
120.00	-16.88	-14.73	0.00	-509.8	0.00	509.85	3,003.08	709.39	2,176.24	2,091.87	31.99	-2.69	0.250

CALCULATED FORCES													
125.00	-16.02	-14.32	0.00	-436.2	0.00	436.18	2,900.69	685.20	2,030.40	1,950.91	34.86	-2.8	0.230
130.00	-15.19	-13.92	0.00	-364.6	0.00	364.57	2,798.31	661.02	1,889.62	1,814.87	37.85	-2.91	0.207
135.00	-14.39	-13.52	0.00	-295.0	0.00	294.99	2,695.92	636.83	1,753.90	1,683.75	40.95	-3.01	0.181
139.83	-13.64	-13.31	0.00	-229.6	0.00	229.62	2,596.95	613.45	1,627.51	1,561.66	44.04	-3.09	0.153
140.00	-13.61	-13.15	0.00	-227.4	0.00	227.40	2,593.54	612.65	1,623.24	1,557.54	44.15	-3.09	0.152
144.17	-12.69	-12.92	0.00	-172.6	0.00	172.60	1,097.80	302.12	789.35	654.31	46.88	-3.16	0.277
145.00	-12.62	-12.73	0.00	-161.8	0.00	161.83	1,093.76	300.11	778.85	647.52	47.43	-3.17	0.263
150.00	-8.60	-9.26	0.00	-98.2	0.00	98.20	1,068.60	288.01	717.36	606.97	50.81	-3.27	0.171
155.00	-8.26	-8.94	0.00	-51.9	0.00	51.92	1,041.86	275.92	658.39	566.76	54.27	-3.34	0.101
159.00	0.00	-8.44	0.00	-16.2	0.00	16.18	1,019.32	266.25	613.03	534.92	57.08	-3.37	0.031

ASSET: 415484, East Woodstock, CT CT
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519440_C3_01

CALCULATED FORCES

Load Case: 0.9D + 1.0W

119 mph Wind with No Ice (Reduced DL)

21 Iterations

Gust Response Factor: 1.10
Dead load Factor: 0.90
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	-41.34	-24.73	0.00	-2,892.1	0.00	2,892.06	6,681.23	1,671.05	9,056.15	8,244.36	0	0	0.357
5.00	-39.82	-24.31	0.00	-2,768.4	0.00	2,768.43	6,592.66	1,638.80	8,710.04	7,976.78	0.05	-0.09	0.353
10.00	-38.33	-23.91	0.00	-2,646.9	0.00	2,646.86	6,502.50	1,606.56	8,370.67	7,711.57	0.2	-0.19	0.349
15.00	-36.88	-23.50	0.00	-2,527.3	0.00	2,527.33	6,410.75	1,574.31	8,038.05	7,448.85	0.45	-0.28	0.345
20.00	-35.45	-23.11	0.00	-2,409.8	0.00	2,409.81	6,317.41	1,542.06	7,712.17	7,188.72	0.79	-0.38	0.341
25.00	-34.05	-22.72	0.00	-2,294.3	0.00	2,294.27	6,222.49	1,509.81	7,393.03	6,931.31	1.25	-0.48	0.337
30.00	-32.67	-22.33	0.00	-2,180.7	0.00	2,180.69	6,125.98	1,477.57	7,080.64	6,676.72	1.8	-0.58	0.332
35.00	-31.33	-21.93	0.00	-2,069.1	0.00	2,069.06	6,027.87	1,445.32	6,774.99	6,425.08	2.46	-0.68	0.327
40.00	-30.02	-21.52	0.00	-1,959.4	0.00	1,959.43	5,928.18	1,413.07	6,476.09	6,176.49	3.22	-0.78	0.323
45.00	-28.75	-21.28	0.00	-1,851.8	0.00	1,851.84	5,826.91	1,380.82	6,183.92	5,931.07	4.1	-0.88	0.317
45.54	-28.60	-21.07	0.00	-1,840.3	0.00	1,840.28	5,815.80	1,377.32	6,152.58	5,904.60	4.2	-0.9	0.317
50.00	-26.54	-20.75	0.00	-1,746.4	0.00	1,746.37	5,708.97	1,348.58	5,898.50	5,673.97	5.08	-0.99	0.313
52.46	-25.42	-20.52	0.00	-1,695.3	0.00	1,695.32	4,861.01	1,188.97	5,239.69	4,874.46	5.61	-1.04	0.353
55.00	-24.86	-20.20	0.00	-1,643.2	0.00	1,643.18	4,819.20	1,174.63	5,114.13	4,773.76	6.18	-1.1	0.350
60.00	-23.78	-19.76	0.00	-1,542.2	0.00	1,542.18	4,735.71	1,146.42	4,871.41	4,577.35	7.39	-1.21	0.342
65.00	-22.73	-19.32	0.00	-1,443.4	0.00	1,443.37	4,650.62	1,118.20	4,634.60	4,383.46	8.72	-1.33	0.334
70.00	-21.71	-18.88	0.00	-1,346.8	0.00	1,346.76	4,563.95	1,089.98	4,403.69	4,192.19	10.18	-1.45	0.326
75.00	-20.71	-18.44	0.00	-1,252.4	0.00	1,252.36	4,475.68	1,061.77	4,178.67	4,003.66	11.75	-1.56	0.318
80.00	-19.74	-18.00	0.00	-1,160.2	0.00	1,160.18	4,375.37	1,033.55	3,959.56	3,808.88	13.46	-1.68	0.309
85.00	-18.79	-17.56	0.00	-1,070.2	0.00	1,070.20	4,255.92	1,005.34	3,746.35	3,602.71	15.28	-1.8	0.302
90.00	-17.88	-17.23	0.00	-982.4	0.00	982.43	4,136.47	977.12	3,539.04	3,402.29	17.23	-1.92	0.293
92.17	-17.49	-17.01	0.00	-945.1	0.00	945.09	4,084.71	964.89	3,451.03	3,317.22	18.11	-1.97	0.289
95.00	-16.57	-16.75	0.00	-896.9	0.00	896.89	4,017.02	948.90	3,337.63	3,207.60	19.31	-2.04	0.284
97.83	-15.67	-16.51	0.00	-849.4	0.00	849.44	3,401.76	816.61	2,883.70	2,731.66	20.54	-2.11	0.316
100.00	-15.34	-16.21	0.00	-813.7	0.00	813.67	3,369.57	806.13	2,810.17	2,670.76	21.51	-2.16	0.310
105.00	-14.59	-15.78	0.00	-732.6	0.00	732.64	3,294.16	781.95	2,644.10	2,531.89	23.84	-2.29	0.294
110.00	-13.87	-15.35	0.00	-653.8	0.00	653.76	3,207.85	757.76	2,483.09	2,388.54	26.3	-2.41	0.278
115.00	-13.18	-14.93	0.00	-577.0	0.00	577.02	3,105.46	733.57	2,327.14	2,237.75	28.89	-2.53	0.263
120.00	-12.51	-14.51	0.00	-502.4	0.00	502.37	3,003.08	709.39	2,176.24	2,091.87	31.61	-2.65	0.245
125.00	-11.86	-14.11	0.00	-429.8	0.00	429.80	2,900.69	685.20	2,030.40	1,950.91	34.45	-2.76	0.225
130.00	-11.23	-13.70	0.00	-359.3	0.00	359.27	2,798.31	661.02	1,889.62	1,814.87	37.4	-2.87	0.202
135.00	-10.63	-13.32	0.00	-290.8	0.00	290.75	2,695.92	636.83	1,753.90	1,683.75	40.46	-2.97	0.177
139.83	-10.07	-13.11	0.00	-226.4	0.00	226.39	2,596.95	613.45	1,627.51	1,561.66	43.51	-3.05	0.149
140.00	-10.05	-12.95	0.00	-224.2	0.00	224.21	2,593.54	612.65	1,623.24	1,557.54	43.61	-3.05	0.148
144.17	-9.36	-12.73	0.00	-170.2	0.00	170.25	1,097.80	302.12	789.35	654.31	46.31	-3.12	0.271
145.00	-9.31	-12.53	0.00	-159.6	0.00	159.64	1,093.76	300.11	778.85	647.52	46.85	-3.13	0.257
150.00	-6.33	-9.12	0.00	-97.0	0.00	96.99	1,068.60	288.01	717.36	606.97	50.19	-3.23	0.167
155.00	-6.08	-8.80	0.00	-51.4	0.00	51.39	1,041.86	275.92	658.39	566.76	53.61	-3.3	0.098
159.00	0.00	-8.44	0.00	-16.2	0.00	16.18	1,019.32	266.25	613.03	534.92	56.38	-3.32	0.031

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi			50 mph Wind with 1.5" Radial Ice									21 Iterations		
Gust Response Factor:		1.10	Ice Dead Load Factor			1.00			Ice Importance Factor					1.00
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	-79.16	-7.70	0.00	-935.6	0.00	935.55	6,681.23	1,671.05	9,056.15	8,244.36	0	0	0.125	
5.00	-76.75	-7.60	0.00	-897.0	0.00	897.04	6,592.66	1,638.80	8,710.04	7,976.78	0.02	-0.03	0.124	
10.00	-74.33	-7.49	0.00	-859.0	0.00	859.05	6,502.50	1,606.56	8,370.67	7,711.57	0.06	-0.06	0.123	
15.00	-71.93	-7.39	0.00	-821.6	0.00	821.58	6,410.75	1,574.31	8,038.05	7,448.85	0.14	-0.09	0.122	
20.00	-69.57	-7.29	0.00	-784.6	0.00	784.62	6,317.41	1,542.06	7,712.17	7,188.72	0.26	-0.12	0.120	
25.00	-67.24	-7.19	0.00	-748.2	0.00	748.18	6,222.49	1,509.81	7,393.03	6,931.31	0.4	-0.16	0.119	
30.00	-64.94	-7.08	0.00	-712.2	0.00	712.24	6,125.98	1,477.57	7,080.64	6,676.72	0.58	-0.19	0.117	
35.00	-62.69	-6.98	0.00	-676.8	0.00	676.82	6,027.87	1,445.32	6,774.99	6,425.08	0.8	-0.22	0.116	
40.00	-60.48	-6.87	0.00	-641.9	0.00	641.94	5,928.18	1,413.07	6,476.09	6,176.49	1.05	-0.25	0.114	
45.00	-58.31	-6.80	0.00	-607.6	0.00	607.61	5,826.91	1,380.82	6,183.92	5,931.07	1.33	-0.29	0.112	
45.54	-58.07	-6.74	0.00	-603.9	0.00	603.92	5,815.80	1,377.32	6,152.58	5,904.60	1.37	-0.29	0.112	
50.00	-54.91	-6.65	0.00	-573.9	0.00	573.86	5,708.97	1,348.58	5,898.50	5,673.97	1.65	-0.32	0.111	
52.46	-53.19	-6.59	0.00	-557.5	0.00	557.50	4,861.01	1,188.97	5,239.69	4,874.46	1.82	-0.34	0.125	
55.00	-52.22	-6.50	0.00	-540.8	0.00	540.77	4,819.20	1,174.63	5,114.13	4,773.76	2.01	-0.36	0.124	
60.00	-50.33	-6.37	0.00	-508.3	0.00	508.29	4,735.71	1,146.42	4,871.41	4,577.35	2.41	-0.4	0.122	
65.00	-48.49	-6.25	0.00	-476.4	0.00	476.41	4,650.62	1,118.20	4,634.60	4,383.46	2.84	-0.43	0.119	
70.00	-46.68	-6.12	0.00	-445.2	0.00	445.17	4,563.95	1,089.98	4,403.69	4,192.19	3.32	-0.47	0.116	
75.00	-44.92	-6.00	0.00	-414.6	0.00	414.55	4,475.68	1,061.77	4,178.67	4,003.66	3.83	-0.51	0.114	
80.00	-43.20	-5.87	0.00	-384.6	0.00	384.57	4,375.37	1,033.55	3,959.56	3,808.88	4.39	-0.55	0.111	
85.00	-41.52	-5.74	0.00	-355.2	0.00	355.24	4,255.92	1,005.34	3,746.35	3,602.71	4.99	-0.59	0.108	
90.00	-39.88	-5.64	0.00	-326.6	0.00	326.55	4,136.47	977.12	3,539.04	3,402.29	5.63	-0.63	0.106	
92.17	-39.19	-5.58	0.00	-314.3	0.00	314.33	4,084.71	964.89	3,451.03	3,317.22	5.92	-0.65	0.104	
95.00	-37.73	-5.49	0.00	-298.5	0.00	298.54	4,017.02	948.90	3,337.63	3,207.60	6.31	-0.67	0.102	
97.83	-36.30	-5.42	0.00	-283.0	0.00	282.97	3,401.76	816.61	2,883.70	2,731.66	6.72	-0.69	0.114	
100.00	-35.68	-5.33	0.00	-271.2	0.00	271.23	3,369.57	806.13	2,810.17	2,670.76	7.03	-0.71	0.112	
105.00	-34.30	-5.20	0.00	-244.6	0.00	244.58	3,294.16	781.95	2,644.10	2,531.89	7.8	-0.75	0.107	
110.00	-32.95	-5.07	0.00	-218.6	0.00	218.57	3,207.85	757.76	2,483.09	2,388.54	8.61	-0.79	0.102	
115.00	-31.64	-4.94	0.00	-193.2	0.00	193.22	3,105.46	733.57	2,327.14	2,237.75	9.47	-0.84	0.097	
120.00	-30.37	-4.81	0.00	-168.5	0.00	168.51	3,003.08	709.39	2,176.24	2,091.87	10.36	-0.87	0.091	
125.00	-29.14	-4.68	0.00	-144.4	0.00	144.44	2,900.69	685.20	2,030.40	1,950.91	11.3	-0.91	0.084	
130.00	-27.95	-4.56	0.00	-121.0	0.00	121.02	2,798.31	661.02	1,889.62	1,814.87	12.28	-0.95	0.077	
135.00	-26.80	-4.43	0.00	-98.2	0.00	98.24	2,695.92	636.83	1,753.90	1,683.75	13.29	-0.98	0.068	
139.83	-25.72	-4.36	0.00	-76.8	0.00	76.83	2,596.95	613.45	1,627.51	1,561.66	14.29	-1.01	0.059	
140.00	-25.67	-4.31	0.00	-76.1	0.00	76.11	2,593.54	612.65	1,623.24	1,557.54	14.33	-1.01	0.059	
144.17	-24.48	-4.23	0.00	-58.2	0.00	58.15	1,097.80	302.12	789.35	654.31	15.22	-1.03	0.111	
145.00	-24.36	-4.17	0.00	-54.6	0.00	54.63	1,093.76	300.11	778.85	647.52	15.4	-1.03	0.107	
150.00	-17.22	-3.21	0.00	-33.8	0.00	33.77	1,068.60	288.01	717.36	606.97	16.51	-1.07	0.072	
155.00	-16.56	-3.10	0.00	-17.7	0.00	17.73	1,041.86	275.92	658.39	566.76	17.64	-1.09	0.047	
159.00	0.00	-2.78	0.00	-5.3	0.00	5.33	1,019.32	266.25	613.03	534.92	18.56	-1.1	0.010	

ASSET: 415484, East Woodstock, CT CT
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519440_C3_01

CALCULATED FORCES

Load Case: 1.0D + 1.0W

60 mph Wind with No Ice

20 Iterations

Gust Response Factor: 1.10
Dead load Factor: 1.00
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	-45.95	-5.62	0.00	-660.0	0.00	660.02	6,681.23	1,671.05	9,056.15	8,244.36	0	0	0.087
5.00	-44.31	-5.53	0.00	-631.9	0.00	631.90	6,592.66	1,638.80	8,710.04	7,976.78	0.01	-0.02	0.086
10.00	-42.70	-5.44	0.00	-604.2	0.00	604.24	6,502.50	1,606.56	8,370.67	7,711.57	0.05	-0.04	0.085
15.00	-41.12	-5.35	0.00	-577.0	0.00	577.04	6,410.75	1,574.31	8,038.05	7,448.85	0.1	-0.06	0.084
20.00	-39.57	-5.26	0.00	-550.3	0.00	550.28	6,317.41	1,542.06	7,712.17	7,188.72	0.18	-0.09	0.083
25.00	-38.05	-5.17	0.00	-524.0	0.00	523.97	6,222.49	1,509.81	7,393.03	6,931.31	0.28	-0.11	0.082
30.00	-36.56	-5.09	0.00	-498.1	0.00	498.10	6,125.98	1,477.57	7,080.64	6,676.72	0.41	-0.13	0.081
35.00	-35.11	-5.00	0.00	-472.7	0.00	472.66	6,027.87	1,445.32	6,774.99	6,425.08	0.56	-0.15	0.079
40.00	-33.68	-4.91	0.00	-447.7	0.00	447.67	5,928.18	1,413.07	6,476.09	6,176.49	0.74	-0.18	0.078
45.00	-32.29	-4.85	0.00	-423.2	0.00	423.15	5,826.91	1,380.82	6,183.92	5,931.07	0.94	-0.2	0.077
45.54	-32.14	-4.81	0.00	-420.5	0.00	420.51	5,815.80	1,377.32	6,152.58	5,904.60	0.96	-0.2	0.077
50.00	-29.88	-4.73	0.00	-399.1	0.00	399.09	5,708.97	1,348.58	5,898.50	5,673.97	1.16	-0.23	0.076
52.46	-28.65	-4.68	0.00	-387.4	0.00	387.45	4,861.01	1,188.97	5,239.69	4,874.46	1.28	-0.24	0.085
55.00	-28.05	-4.61	0.00	-375.6	0.00	375.56	4,819.20	1,174.63	5,114.13	4,773.76	1.41	-0.25	0.085
60.00	-26.88	-4.51	0.00	-352.5	0.00	352.52	4,735.71	1,146.42	4,871.41	4,577.35	1.69	-0.28	0.083
65.00	-25.75	-4.41	0.00	-330.0	0.00	329.97	4,650.62	1,118.20	4,634.60	4,383.46	1.99	-0.3	0.081
70.00	-24.64	-4.31	0.00	-307.9	0.00	307.92	4,563.95	1,089.98	4,403.69	4,192.19	2.32	-0.33	0.079
75.00	-23.56	-4.21	0.00	-286.4	0.00	286.37	4,475.68	1,061.77	4,178.67	4,003.66	2.68	-0.36	0.077
80.00	-22.50	-4.11	0.00	-265.3	0.00	265.32	4,375.37	1,033.55	3,959.56	3,808.88	3.07	-0.38	0.075
85.00	-21.48	-4.01	0.00	-244.8	0.00	244.77	4,255.92	1,005.34	3,746.35	3,602.71	3.49	-0.41	0.073
90.00	-20.48	-3.94	0.00	-224.7	0.00	224.71	4,136.47	977.12	3,539.04	3,402.29	3.94	-0.44	0.071
92.17	-20.05	-3.89	0.00	-216.2	0.00	216.18	4,084.71	964.89	3,451.03	3,317.22	4.14	-0.45	0.070
95.00	-19.05	-3.83	0.00	-205.2	0.00	205.17	4,017.02	948.90	3,337.63	3,207.60	4.41	-0.47	0.069
97.83	-18.05	-3.77	0.00	-194.3	0.00	194.32	3,401.76	816.61	2,883.70	2,731.66	4.69	-0.48	0.076
100.00	-17.70	-3.70	0.00	-186.2	0.00	186.15	3,369.57	806.13	2,810.17	2,670.76	4.91	-0.49	0.075
105.00	-16.89	-3.61	0.00	-167.6	0.00	167.63	3,294.16	781.95	2,644.10	2,531.89	5.45	-0.52	0.071
110.00	-16.11	-3.51	0.00	-149.6	0.00	149.59	3,207.85	757.76	2,483.09	2,388.54	6.01	-0.55	0.068
115.00	-15.34	-3.42	0.00	-132.0	0.00	132.04	3,105.46	733.57	2,327.14	2,237.75	6.6	-0.58	0.064
120.00	-14.61	-3.32	0.00	-115.0	0.00	114.96	3,003.08	709.39	2,176.24	2,091.87	7.22	-0.61	0.060
125.00	-13.89	-3.23	0.00	-98.4	0.00	98.36	2,900.69	685.20	2,030.40	1,950.91	7.87	-0.63	0.055
130.00	-13.20	-3.14	0.00	-82.2	0.00	82.22	2,798.31	661.02	1,889.62	1,814.87	8.55	-0.66	0.050
135.00	-12.54	-3.05	0.00	-66.5	0.00	66.54	2,695.92	636.83	1,753.90	1,683.75	9.25	-0.68	0.044
139.83	-11.92	-3.00	0.00	-51.8	0.00	51.81	2,596.95	613.45	1,627.51	1,561.66	9.94	-0.7	0.038
140.00	-11.89	-2.96	0.00	-51.3	0.00	51.31	2,593.54	612.65	1,623.24	1,557.54	9.97	-0.7	0.038
144.17	-11.12	-2.91	0.00	-39.0	0.00	38.95	1,097.80	302.12	789.35	654.31	10.58	-0.71	0.070
145.00	-11.06	-2.87	0.00	-36.5	0.00	36.52	1,093.76	300.11	778.85	647.52	10.71	-0.71	0.067
150.00	-7.57	-2.09	0.00	-22.2	0.00	22.18	1,068.60	288.01	717.36	606.97	11.47	-0.74	0.044
155.00	-7.28	-2.02	0.00	-11.7	0.00	11.74	1,041.86	275.92	658.39	566.76	12.25	-0.75	0.028
159.00	0.00	-1.92	0.00	-3.7	0.00	3.68	1,019.32	266.25	613.03	534.92	12.89	-0.76	0.007

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.182
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.056
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}):	0.194
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.090
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):	2.220
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	1.860
Total Unfactored Dead Load:	45.950 k
Seismic Base Shear (E):	1.380 k

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)
38	157	221	2,677	0.012	16	273
37	152.5	286	3,291	0.014	20	355
36	147.5	322	3,480	0.015	21	399
35	144.5833	55	571	0.002	3	68
34	142.0833	766	7,717	0.034	46	949
33	139.9167	31	305	0.001	2	39
32	137.4167	622	5,887	0.026	35	770
31	132.5	666	5,895	0.026	35	825
30	127.5	690	5,681	0.025	34	854
29	122.5	713	5,453	0.024	33	883
28	117.5	736	5,212	0.023	31	912
27	112.5	760	4,960	0.022	30	941
26	107.5	783	4,699	0.020	28	970
25	102.5	807	4,429	0.019	27	1,000
24	98.9167	357	1,834	0.008	11	442
23	96.4167	990	4,852	0.021	29	1,227
22	93.5833	1,007	4,665	0.020	28	1,247
21	91.0833	424	1,869	0.008	11	525
20	87.5	998	4,082	0.018	24	1,236
19	82.5	1,025	3,759	0.016	23	1,270
18	77.5	1,053	3,436	0.015	21	1,304
17	72.5	1,080	3,114	0.014	19	1,338
16	67.5	1,107	2,795	0.012	17	1,372
15	62.5	1,135	2,483	0.011	15	1,406
14	57.5	1,162	2,177	0.010	13	1,440
13	53.73	601	992	0.004	6	744
12	51.23	1,228	1,856	0.008	11	1,521
11	47.7717	2,261	3,001	0.013	18	2,801
10	45.2717	149	179	0.001	1	185
9	42.5	1,391	1,486	0.006	9	1,724
8	37.5	1,423	1,204	0.005	7	1,762
7	32.5	1,454	943	0.004	6	1,801
6	27.5	1,485	706	0.003	4	1,840
5	22.5	1,516	496	0.002	3	1,879
4	17.5	1,548	317	0.001	2	1,917
3	12.5	1,579	173	0.001	1	1,956
2	7.5	1,610	68	0.000	0	1,995
1	2.5	1,641	9	0.000	0	2,033

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)
Kaelus KA-6030	159	35	437	0.002	3	44
Samsung B2/B66A RRH-BR049	159	253	3,145	0.014	19	314
Samsung B5/B13 RRH-BR04C	159	211	2,620	0.011	16	261
Raycap RVZDC-6627-PF-48	159	32	397	0.002	2	40
Samsung MT6407-77A	159	245	3,041	0.013	18	303
Antel BXA-70063/6CF_	159	51	633	0.003	4	63
JMA Wireless MX06FRO660-03	159	360	4,472	0.019	27	446
Generic Square Platform with Handrails	159	3,790	47,076	0.204	282	4,695
Unused Reserve (17296.1400 sqin)	159	1,313	16,308	0.071	98	1,626
Generic Mount Reinforcement	159	800	9,937	0.043	59	991
Ceragon IP-50C	150	13	147	0.001	1	16
Raycap RDIDC-9181-PF-48	150	22	244	0.001	1	27
Fujitsu TA08025-B605	150	225	2,508	0.011	15	279
Fujitsu TA08025-B604	150	192	2,137	0.009	13	237
Commscope VHLP2-11W/A	150	17	189	0.001	1	21
Commscope FFVV-65B-R2	150	212	2,367	0.010	14	263
Generic Flat Platform with Handrails	150	2,500	27,864	0.121	167	3,097
Totals:		45,954	230,274	1.000	1,379	56,929

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)
38	157	221	2,677	0.012	16	190
37	152.5	286	3,291	0.014	20	247
36	147.5	322	3,480	0.015	21	277
35	144.5833	55	571	0.002	3	47
34	142.0833	766	7,717	0.034	46	660
33	139.9167	31	305	0.001	2	27
32	137.4167	622	5,887	0.026	35	535
31	132.5	666	5,895	0.026	35	574
30	127.5	690	5,681	0.025	34	594
29	122.5	713	5,453	0.024	33	614
28	117.5	736	5,212	0.023	31	634
27	112.5	760	4,960	0.022	30	654
26	107.5	783	4,699	0.020	28	675
25	102.5	807	4,429	0.019	27	695
24	98.9167	357	1,834	0.008	11	307
23	96.4167	990	4,852	0.021	29	853
22	93.5833	1,007	4,665	0.020	28	867
21	91.0833	424	1,869	0.008	11	365
20	87.5	998	4,082	0.018	24	859
19	82.5	1,025	3,759	0.016	23	883
18	77.5	1,053	3,436	0.015	21	907
17	72.5	1,080	3,114	0.014	19	930
16	67.5	1,107	2,795	0.012	17	954
15	62.5	1,135	2,483	0.011	15	977
14	57.5	1,162	2,177	0.010	13	1,001
13	53.73	601	992	0.004	6	517
12	51.23	1,228	1,856	0.008	11	1,058
11	47.7717	2,261	3,001	0.013	18	1,947
10	45.2717	149	179	0.001	1	129
9	42.5	1,391	1,486	0.006	9	1,198
8	37.5	1,423	1,204	0.005	7	1,225
7	32.5	1,454	943	0.004	6	1,252
6	27.5	1,485	706	0.003	4	1,279
5	22.5	1,516	496	0.002	3	1,306
4	17.5	1,548	317	0.001	2	1,333
3	12.5	1,579	173	0.001	1	1,360
2	7.5	1,610	68	0.000	0	1,387
1	2.5	1,641	9	0.000	0	1,414

ASSET: 415484, East Woodstock, CT CT
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519440_C3_01

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)
Kaelus KA-6030	159	35	437	0.002	3	30
Samsung B2/B66A RRH-BR049	159	253	3,145	0.014	19	218
Samsung B5/B13 RRH-BR04C	159	211	2,620	0.011	16	182
Raycap RVZDC-6627-PF-48	159	32	397	0.002	2	28
Samsung MT6407-77A	159	245	3,041	0.013	18	211
Antel BXA-70063/6CF_	159	51	633	0.003	4	44
JMA Wireless MX06FRO660-03	159	360	4,472	0.019	27	310
Generic Square Platform with Handrails	159	3,790	47,076	0.204	282	3,264
Unused Reserve (17296.1400 sqin)	159	1,313	16,308	0.071	98	1,131
Generic Mount Reinforcement	159	800	9,937	0.043	59	689
Ceragon IP-50C	150	13	147	0.001	1	11
Raycap RDIDC-9181-PF-48	150	22	244	0.001	1	19
Fujitsu TA08025-B605	150	225	2,508	0.011	15	194
Fujitsu TA08025-B604	150	192	2,137	0.009	13	165
Commscope VHLP2-11W/A	150	17	189	0.001	1	15
Commscope FFVV-65B-R2	150	212	2,367	0.010	14	183
Generic Flat Platform with Handrails	150	2,500	27,864	0.121	167	2,153
Totals:		45,954	230,274	1.000	1,379	39,574

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	-54.90	-1.38	0.00	-187.43	0.00	187.43	6,681.23	1,671.05	9,056	8,244.36	0.00	0.00	0.03
5.00	-52.90	-1.39	0.00	-180.53	0.00	180.53	6,592.66	1,638.80	8,710	7,976.78	0.00	-0.01	0.03
10.00	-50.94	-1.39	0.00	-173.60	0.00	173.60	6,502.50	1,606.56	8,371	7,711.57	0.01	-0.01	0.03
15.00	-49.03	-1.39	0.00	-166.65	0.00	166.65	6,410.75	1,574.31	8,038	7,448.85	0.03	-0.02	0.03
20.00	-47.15	-1.39	0.00	-159.69	0.00	159.69	6,317.41	1,542.06	7,712	7,188.72	0.05	-0.02	0.03
25.00	-45.31	-1.39	0.00	-152.72	0.00	152.72	6,222.49	1,509.81	7,393	6,931.31	0.08	-0.03	0.03
30.00	-43.51	-1.39	0.00	-145.75	0.00	145.75	6,125.98	1,477.57	7,081	6,676.72	0.12	-0.04	0.03
35.00	-41.74	-1.39	0.00	-138.78	0.00	138.78	6,027.87	1,445.32	6,775	6,425.08	0.16	-0.04	0.03
40.00	-40.02	-1.38	0.00	-131.84	0.00	131.84	5,928.18	1,413.07	6,476	6,176.49	0.21	-0.05	0.03
45.00	-39.84	-1.39	0.00	-124.92	0.00	124.92	5,826.91	1,380.82	6,184	5,931.07	0.27	-0.06	0.03
45.54	-37.03	-1.37	0.00	-124.17	0.00	124.17	5,815.80	1,377.32	6,153	5,904.60	0.28	-0.06	0.03
50.00	-35.51	-1.36	0.00	-118.08	0.00	118.08	5,708.97	1,348.58	5,898	5,673.97	0.34	-0.07	0.03
52.46	-34.77	-1.35	0.00	-114.74	0.00	114.74	4,861.01	1,188.97	5,240	4,874.46	0.37	-0.07	0.03
55.00	-33.33	-1.34	0.00	-111.30	0.00	111.30	4,819.20	1,174.63	5,114	4,773.76	0.41	-0.07	0.03
60.00	-31.92	-1.33	0.00	-104.60	0.00	104.60	4,735.71	1,146.42	4,871	4,577.35	0.49	-0.08	0.03
65.00	-30.55	-1.31	0.00	-97.96	0.00	97.96	4,650.62	1,118.20	4,635	4,383.46	0.58	-0.09	0.03
70.00	-29.21	-1.30	0.00	-91.39	0.00	91.39	4,563.95	1,089.98	4,404	4,192.19	0.68	-0.10	0.03
75.00	-27.91	-1.28	0.00	-84.90	0.00	84.90	4,475.68	1,061.77	4,179	4,003.66	0.78	-0.10	0.03
80.00	-26.64	-1.26	0.00	-78.51	0.00	78.51	4,375.37	1,033.55	3,960	3,808.88	0.89	-0.11	0.03
85.00	-25.40	-1.23	0.00	-72.23	0.00	72.23	4,255.92	1,005.34	3,746	3,602.71	1.02	-0.12	0.03
90.00	-24.88	-1.22	0.00	-66.06	0.00	66.06	4,136.47	977.12	3,539	3,402.29	1.15	-0.13	0.03
92.17	-23.63	-1.19	0.00	-63.41	0.00	63.41	4,084.71	964.89	3,451	3,317.22	1.21	-0.13	0.03
95.00	-22.40	-1.16	0.00	-60.02	0.00	60.02	4,017.02	948.90	3,338	3,207.60	1.29	-0.14	0.02
97.83	-21.96	-1.15	0.00	-56.72	0.00	56.72	3,401.76	816.61	2,884	2,731.66	1.37	-0.14	0.03
100.00	-20.96	-1.13	0.00	-54.22	0.00	54.22	3,369.57	806.13	2,810	2,670.76	1.43	-0.14	0.03
105.00	-19.99	-1.10	0.00	-48.58	0.00	48.58	3,294.16	781.95	2,644	2,531.89	1.59	-0.15	0.03
110.00	-19.05	-1.07	0.00	-43.08	0.00	43.08	3,207.85	757.76	2,483	2,388.54	1.76	-0.16	0.02
115.00	-18.14	-1.04	0.00	-37.73	0.00	37.73	3,105.46	733.57	2,327	2,237.75	1.93	-0.17	0.02
120.00	-17.25	-1.01	0.00	-32.54	0.00	32.54	3,003.08	709.39	2,176	2,091.87	2.11	-0.18	0.02
125.00	-16.40	-0.97	0.00	-27.51	0.00	27.51	2,900.69	685.20	2,030	1,950.91	2.30	-0.18	0.02
130.00	-15.57	-0.94	0.00	-22.65	0.00	22.65	2,798.31	661.02	1,890	1,814.87	2.50	-0.19	0.02
135.00	-14.80	-0.90	0.00	-17.98	0.00	17.98	2,695.92	636.83	1,754	1,683.75	2.70	-0.20	0.02
139.83	-14.76	-0.90	0.00	-13.64	0.00	13.64	2,596.95	613.45	1,628	1,561.66	2.90	-0.20	0.01
140.00	-13.82	-0.85	0.00	-13.49	0.00	13.49	2,593.54	612.65	1,623	1,557.54	2.91	-0.20	0.01
144.17	-13.75	-0.85	0.00	-9.95	0.00	9.95	1,097.80	302.12	789	654.31	3.09	-0.21	0.03
145.00	-13.35	-0.82	0.00	-9.25	0.00	9.25	1,093.76	300.11	779	647.52	3.13	-0.21	0.03

ASSET: 415484, East Woodstock, CT CT
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519440_C3_01

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
150.00	-9.05	-0.58	0.00	-5.13	0.00	5.13	1,068.60	288.01	717	606.97	3.35	-0.21	0.02
155.00	-8.78	-0.56	0.00	-2.24	0.00	2.24	1,041.86	275.92	658	566.76	3.57	-0.22	0.01
159.00	0.00	-0.53	0.00	0.00	0.00	0.00	1,019.32	266.25	613	534.92	3.75	-0.22	0.00

0.9D - 1.0Ev + 1.0Eh

Seismic (Reduced DL)

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	-38.16	-1.38	0.00	-185.33	0.00	185.33	6,681.23	1,671.05	9,056	8,244.36	0.00	0.00	0.03
5.00	-36.77	-1.38	0.00	-178.43	0.00	178.43	6,592.66	1,638.80	8,710	7,976.78	0.00	-0.01	0.03
10.00	-35.41	-1.39	0.00	-171.52	0.00	171.52	6,502.50	1,606.56	8,371	7,711.57	0.01	-0.01	0.03
15.00	-34.08	-1.39	0.00	-164.59	0.00	164.59	6,410.75	1,574.31	8,038	7,448.85	0.03	-0.02	0.03
20.00	-32.78	-1.39	0.00	-157.66	0.00	157.66	6,317.41	1,542.06	7,712	7,188.72	0.05	-0.02	0.03
25.00	-31.50	-1.39	0.00	-150.72	0.00	150.72	6,222.49	1,509.81	7,393	6,931.31	0.08	-0.03	0.03
30.00	-30.24	-1.38	0.00	-143.79	0.00	143.79	6,125.98	1,477.57	7,081	6,676.72	0.12	-0.04	0.03
35.00	-29.02	-1.38	0.00	-136.88	0.00	136.88	6,027.87	1,445.32	6,775	6,425.08	0.16	-0.04	0.03
40.00	-27.82	-1.37	0.00	-129.99	0.00	129.99	5,928.18	1,413.07	6,476	6,176.49	0.21	-0.05	0.03
45.00	-27.69	-1.37	0.00	-123.13	0.00	123.13	5,826.91	1,380.82	6,184	5,931.07	0.27	-0.06	0.03
45.54	-25.74	-1.35	0.00	-122.38	0.00	122.38	5,815.80	1,377.32	6,153	5,904.60	0.27	-0.06	0.03
50.00	-24.69	-1.34	0.00	-116.35	0.00	116.35	5,708.97	1,348.58	5,898	5,673.97	0.33	-0.06	0.03
52.46	-24.17	-1.34	0.00	-113.04	0.00	113.04	4,861.01	1,188.97	5,240	4,874.46	0.37	-0.07	0.03
55.00	-23.17	-1.33	0.00	-109.64	0.00	109.64	4,819.20	1,174.63	5,114	4,773.76	0.40	-0.07	0.03
60.00	-22.19	-1.31	0.00	-103.01	0.00	103.01	4,735.71	1,146.42	4,871	4,577.35	0.48	-0.08	0.03
65.00	-21.24	-1.30	0.00	-96.44	0.00	96.44	4,650.62	1,118.20	4,635	4,383.46	0.57	-0.09	0.03
70.00	-20.31	-1.28	0.00	-89.95	0.00	89.95	4,563.95	1,089.98	4,404	4,192.19	0.67	-0.10	0.03
75.00	-19.40	-1.26	0.00	-83.54	0.00	83.54	4,475.68	1,061.77	4,179	4,003.66	0.77	-0.10	0.03
80.00	-18.52	-1.24	0.00	-77.23	0.00	77.23	4,375.37	1,033.55	3,960	3,808.88	0.88	-0.11	0.03
85.00	-17.66	-1.22	0.00	-71.03	0.00	71.03	4,255.92	1,005.34	3,746	3,602.71	1.00	-0.12	0.02
90.00	-17.29	-1.21	0.00	-64.95	0.00	64.95	4,136.47	977.12	3,539	3,402.29	1.13	-0.13	0.02
92.17	-16.43	-1.18	0.00	-62.34	0.00	62.34	4,084.71	964.89	3,451	3,317.22	1.19	-0.13	0.02
95.00	-15.57	-1.15	0.00	-59.00	0.00	59.00	4,017.02	948.90	3,338	3,207.60	1.27	-0.13	0.02
97.83	-15.27	-1.14	0.00	-55.75	0.00	55.75	3,401.76	816.61	2,884	2,731.66	1.35	-0.14	0.03
100.00	-14.57	-1.11	0.00	-53.29	0.00	53.29	3,369.57	806.13	2,810	2,670.76	1.42	-0.14	0.02
105.00	-13.90	-1.08	0.00	-47.74	0.00	47.74	3,294.16	781.95	2,644	2,531.89	1.57	-0.15	0.02
110.00	-13.24	-1.05	0.00	-42.33	0.00	42.33	3,207.85	757.76	2,483	2,388.54	1.73	-0.16	0.02
115.00	-12.61	-1.02	0.00	-37.06	0.00	37.06	3,105.46	733.57	2,327	2,237.75	1.90	-0.17	0.02
120.00	-11.99	-0.99	0.00	-31.95	0.00	31.95	3,003.08	709.39	2,176	2,091.87	2.08	-0.17	0.02
125.00	-11.40	-0.95	0.00	-27.01	0.00	27.01	2,900.69	685.20	2,030	1,950.91	2.27	-0.18	0.02
130.00	-10.83	-0.92	0.00	-22.24	0.00	22.24	2,798.31	661.02	1,890	1,814.87	2.46	-0.19	0.02
135.00	-10.29	-0.88	0.00	-17.65	0.00	17.65	2,695.92	636.83	1,754	1,683.75	2.66	-0.19	0.01
139.83	-10.26	-0.88	0.00	-13.38	0.00	13.38	2,596.95	613.45	1,628	1,561.66	2.86	-0.20	0.01
140.00	-9.60	-0.83	0.00	-13.24	0.00	13.24	2,593.54	612.65	1,623	1,557.54	2.87	-0.20	0.01
144.17	-9.56	-0.83	0.00	-9.76	0.00	9.76	1,097.80	302.12	789	654.31	3.05	-0.20	0.02
145.00	-9.28	-0.81	0.00	-9.07	0.00	9.07	1,093.76	300.11	779	647.52	3.08	-0.20	0.02
150.00	-6.29	-0.57	0.00	-5.03	0.00	5.03	1,068.60	288.01	717	606.97	3.30	-0.21	0.01
155.00	-6.10	-0.55	0.00	-2.20	0.00	2.20	1,041.86	275.92	658	566.76	3.52	-0.21	0.01
159.00	0.00	-0.53	0.00	0.00	0.00	0.00	1,019.32	266.25	613	534.92	3.70	-0.21	0.00

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	24.74	0.00	55.12	0.00	0.00	2918.88	0.00	0.36
0.9D + 1.0W	24.73	0.00	41.34	0.00	0.00	2892.06	0.00	0.36
1.2D + 1.0Di + 1.0Wi	7.70	0.00	79.16	0.00	0.00	935.55	0.00	0.13
1.2D + 1.0Ev + 1.0Eh	1.39	0.00	54.90	0.00	0.00	187.43	0.00	0.03
0.9D - 1.0Ev + 1.0Eh	1.39	0.00	38.16	0.00	0.00	185.33	0.00	0.03
1.0D + 1.0W	5.62	0.00	45.95	0.00	0.00	660.02	0.00	0.09

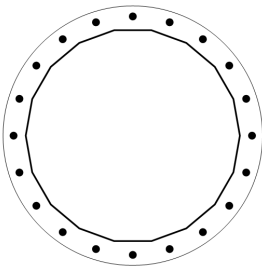
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
2918.88	55.12	24.74

PLATE PARAMETERS (ID# 25579)

Width:	74	in
Shape:	Round	
Thickness:	2.75	in
Grade:	A572-50	
Yield Strength:	50	ksi
Tensile Strength:	65	ksi
Rod Detail Type:	d	
Clear Distance	2.75	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	18	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F _y (ksi)	F _u (ksi)	Spacing (in)	Offset (°)
Original [ID#26259]	Radial	20	2.25	68	A615-75	75	100	-	-

COMPONENT PROPERTIES

Component	ID	Gross Area (in ²)	Net Area (in ²)	Individual Inertia (in ⁴)	Moment of Inertia (in ⁴)	Threads/in
Pole	60.5"Ø x 0.5" (18 Sides)	93.7700	-	-	42204.35	-
Bolt Group	Original (20) 2.25"Ø	3.9761	3.2477	0.8393	34717.46	4.5

REACTION DISTRIBUTION

Component	ID	Moment M _u (k-ft)	Axial Load P _u (k)	Shear V _u (k)	Moment Factor
Pole	60.5"Ø x 0.5" (18 Sides)	2918.9	55.12	24.74	1.000
Bolt Group	Original (20) 2.25"Ø	2918.9	-	24.74	1.000

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES					PLATE PROPERTIES		
Flat-to-Flat Diameter:	60.62	in	Flat Width:	10.690	in	Neutral Axis:	18°
Point-to-Point Diameter:	61.56	in	Flat Radians:	0.349	rad	Bend Line Limits:	1.381 to 2.389 rad
Orientation Offset:	-	°					
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	37.698	0.00	71.273	423.1	3207.3	13.2%	✓
Corners	36.151	0.00	68.347	273.9	3075.6	8.9%	✓
Circumferential	46.252	0.00	87.446	608.6	3935.1	15.5%	✓

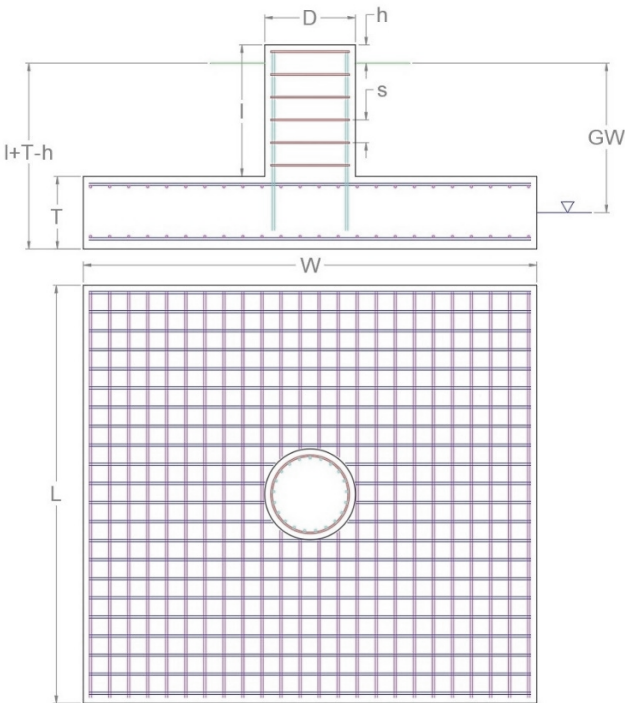
PLASTIC ANCHOR ROD ANALYSIS

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	20	2.25	90.4	2.0	243.6	38.7% ✓



APPLIED GLOBAL REACTIONS		
Moment (k-ft)	Axial (k)	Shear (k)
2,918.88	55.12	24.74

FOUNDATION PARAMETERS			
Mat Length:	L	31	ft
Mat Width:	W	31	ft
Mat Thickness:	T	3	ft
Base Depth:	L+T-h	5.25	ft
Pier Shape:		Round	
Pier Diameter:	D	7.5	ft
Pier Height above Grade:	h	0.75	ft
Concrete Compressive Strength:		4,000	psi
Mat Top Rebar:		(31) #8 bars [60 ksi]	
Mat Bottom Rebar:		(53) #8 bars [60 ksi]	
Pier Vertical Rebar:		(50) #8 bars [60 ksi]	
Pier Rebar Ties:	s	#4 bars @ 6.0" c/c [60 ksi]	
Rebar Clear Cover:		3.0	in
Tower Eccentricity:	ecc	1	ft
Tower Leg Count		1	



SOIL PARAMETERS			
Water Table Depth [BGL]:	GW		ft
Soil Unit Weight:		125	pcf
Ultimate Skin Friction:		0	psf
Ultimate Bearing Pressure:		12,000	psf
Bearing Pressure Type:		Net	
Coefficient of Shear Friction:		0.5	

SOIL STRENGTH ANALYSIS			
Soil Strength Reduction Factor, Φ_s	Uplift Strength Reduction Factor, Φ_s	Asset Dead Load Factor	Dead Load Factor
0.75	0.75	0.9	1.2

SOIL OVERTURNING ANALYSIS		
Design Moment, $M_{u,Design}$ (k-ft)	Nominal Overturning Capacity, $\Phi_m M_n$ (k-ft)	Soil Overturning Usage, $M_{u,Design} / \Phi_m M_n$
3,067.32	10,893.29	28.2%

SOIL BEARING ANALYSIS			
Net Bearing Pressure, $P_{u,Net}$ (psf)	Nominal Bearing Capacity, $\Phi_b P_n$ (k-ft)	Bearing Pressure Controlling Load Direction	Soil Bearing Usage, $P_{u,net} / \Phi_b P_n$
988.00	9,492.00	Diagonal to Pad Edge	10.4%

SOIL SLIDING SHEAR ANALYSIS					
Applied Shear Force, V_u (k)	Friction Resistance (k)	Passive Pressure (psf)	Passive Pressure Resistance (k)	Nominal Shear Capacity, $\Phi_s V_n$ (k)	Soil Sliding Shear Usage, $V_u / \Phi_s V_n$
24.74	0.00	468.8	43.59	316.24	8.0%

ASSET: 415484, East Woodstock, CT CT
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519440

MAT REINFORCING STEEL STRENGTH ANALYSIS

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

MAT REINFORCING ONE WAY SHEAR ANALYSIS

One Way Design Shear, V_u (k)	Nominal One Way Shear Capacity, $\Phi_c V_n$ (k)	One Way Shear Controlling Load Direction	Mat One Way Shear Usage, $V_u / \Phi_c V_n$	
79.81	1,129.58	Diagonal to Pad Edge	7.1%	✓

MAT REINFORCING PUNCHING SHEAR ANALYSIS

Punching Shear Design Stress, v_u (psi)	Nominal Punching Shear Capacity, $\Phi_c V_n$ (psi)	Mat Punching Shear Usage, $v_u / \Phi_c V_n$	
32.4	189.7	17.1%	✓

MAT REINFORCING MOMENT TRANSFER ANALYSIS

Moment Transfer Effective Flexural Width, w_f (in)	Neutral Axis Depth (in)	Pier Moment at Joint, M_{ut} (k-in)	Nominal Moment Transfer Capacity, $\Phi M_{sc,f}$ (k-in)	Mat Moment Transfer Usage, $0.6 M_{ut} / \Phi M_{sc,f}$	
16.50	2.05	0.00	38,733.9	0.0%	✓

MAT REINFORCING FLEXURE ANALYSIS – UPPER STEEL

Factored Moment, M_u (k-ft)	Nominal Flexural Capacity, ΦM_n (k-ft)	Flexural Steel Controlling Load Direction	Mat Upper Rebar Flexure Usage, $M_u / \Phi M_n$	
1,535.60	3,472.15	Parallel to Pad Edge	44.2%	✓

MAT REINFORCING FLEXURE ANALYSIS – LOWER STEEL

Factored Moment, M_u (k-ft)	Nominal Flexural Capacity, ΦM_n (k-ft)	Flexural Steel Controlling Load Direction	Mat Lower Rebar Flexure Usage, $M_u / \Phi M_n$	
1,461.10	5,870.23	Parallel to Pad Edge	24.9%	✓

PIER 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
82.00	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, $M_u / \Phi_b M_n$	
2,993.10	7,126.25	0.006	42.0%	✓

PIER REINFORCING COMPRESSION ANALYSIS

Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$	
55.12	11,202.34	0.5%	✓

PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$	
24.74	822.14	3.0%	✓

EXHIBIT 4





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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207600
Colliers Engineering & Design CT, P.C. Project #: 21777174

July 24, 2023

Site Information

Site ID: 5000244843-VZW / EAST WOODSTOCK CT
Site Name: EAST WOODSTOCK CT
Carrier Name: Verizon Wireless
Address: 445 Prospect St.
Woodstock, Connecticut 06281
Windham County
Latitude: 42.014830°
Longitude: -71.980692°

Structure Information

Tower Type: 160-Ft Monopole
Mount Type: 13.54-Ft Platform Mount

FUZE ID # 17123833

Analysis Results

Platform: 50.1% 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: Cody Sherman

Executive Summary:

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

This analysis is inclusive of the mount structure only and does not address the structural capacity of the supporting structure. This mounting frame was not analyzed as an anchor attachment point for fall protection. All climbing activities are required to have a fall protection plan completed by a competent person.

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	Verizon RFDS Site ID: 606709, dated February 26, 2021
Previous Mount Modification	GPD, Project #: 21777431, Dated October 21, 2021
Post Modification Inspection	Maser Consulting Connecticut Project #: 21777431A, dated September 2, 2022
Mount Mapping Report	RKS Design & Engineering, LLC, Site ID: ATC: 415484, dated March 28, 2021
Final Loading Guidance	Filter Add Scope Provided by Verizon Wireless

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 : 0.982
Seismic Parameters:	S_s : 0.182 g S_1 : 0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Load, L_v : 250 lbs. Maintenance 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
157.00	160.00	6	JMA Wireless	MX06FRO660-03	Retained
		3	Samsung	MT6407-77A	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Amphenol Antel	BXA-70063-6CF	
		1	Raycap	RVZDC-6627-PF-48*	
		2	KAelus	KA-6030	Added

* Equipment is flush mounted directly to the Monopole. It is not mounted on the platform mount and is not included in this mount analysis.

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 CT, P.C. and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation and field observations. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design CT, P.C. 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 CT, P.C. is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
 - Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - HSS (Rectangular) ASTM 500 (Gr. B-46)
 - Pipe ASTM A53 (Gr. B-35)
 - Threaded Rod F1554 (Gr. 36)
 - Bolts ASTM A325

Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Colliers Engineering & Design CT, P.C.

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	26.0%	Pass
Standoff Horizontal	25.0%	Pass
Grating Angle	29.0%	Pass
Support Rail	25.0%	Pass
Support Rail Bracing	19.0%	Pass
Kicker	28.0%	Pass
Mount Pipe	45.0%	Pass
Mount Connection	50.1%	Pass

Structure Rating – (Controlling Utilization of all Components)	50.1%
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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	56.7	56.2	76.2	75.7
0.5	73.5	73.5	101.0	100.3
1	89.4	89.4	124.8	123.9

Notes:

- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 4 sectors.
- Ka factors included in (EPA)a calculations

Requirements:

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

Install the (2) proposed KA-6030 filters along the support rail of the Beta sector.

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 #: 5000244843

SMART Project #: 10207600

Fuze Project ID: 17123833

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:

Install the (2) proposed KA-6030 filters along the support rail of the Beta sector.

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:

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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:	

Se tor: A

7/23/2023

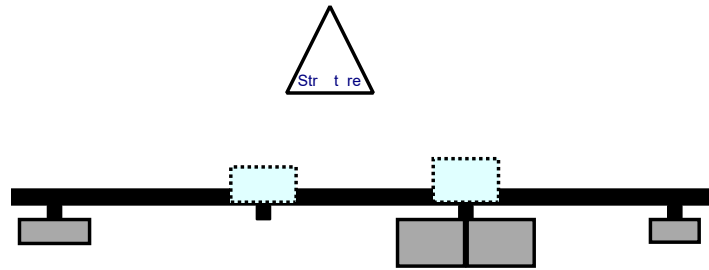
Str t re Type: Mo opole

10207600

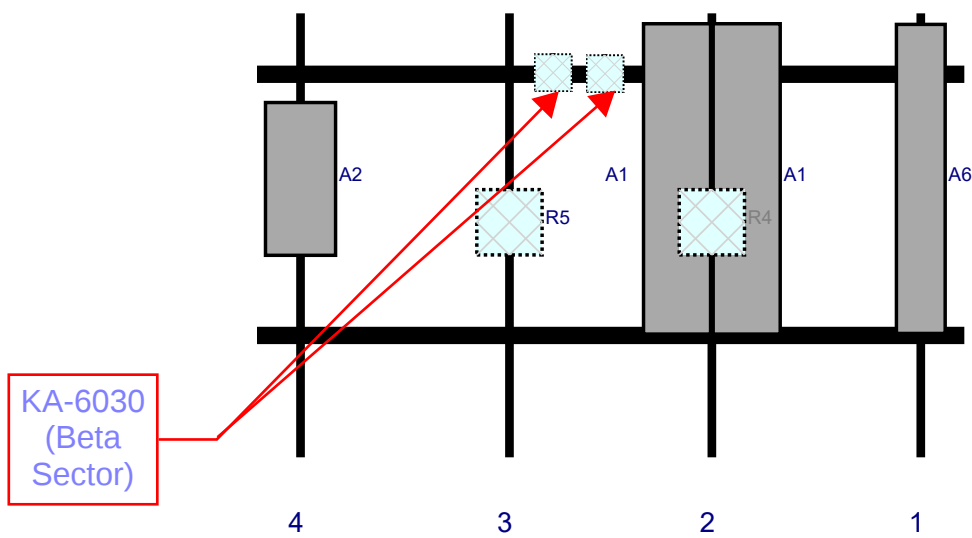
Mo t Elev: 157.00

P ge: 1

Plan View



Front View - Looking at Str t re



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
A6	BXA-70063-6CF	71	11.2	152.5	1		Fro t	38.04	0	Ret i ed	08/03/2022
A1	MX06FRO660-03	71.3	15.4	104.5	2		Fro t	38.04	8	Ret i ed	08/03/2022
A1	MX06FRO660-03	71.3	15.4	104.5	2		Fro t	38.04	-8	Ret i ed	08/03/2022
R4	B2/B66A RRH-BR049	15	15	104.5	2		Behi d	48	0	Ret i ed	08/03/2022
R5	B5/B13 RRH-BR04C	15	15	58	3		Behi d	48	0	Ret i ed	08/03/2022
A2	MT6407-77A	35.1	16.1	10	4		Fro t	38.04	0	Ret i ed	08/03/2022
M77	KA-6030	10.6	10.9		Me	er				Added	
M77	KA-6030	10.6	10.9		Me	er				Added	

Se tor: B
Str t re Type: Mo opole
Mo t Elev: 157.00

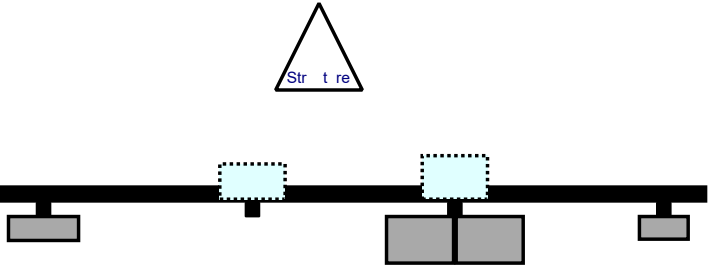
10207600

7/23/2023

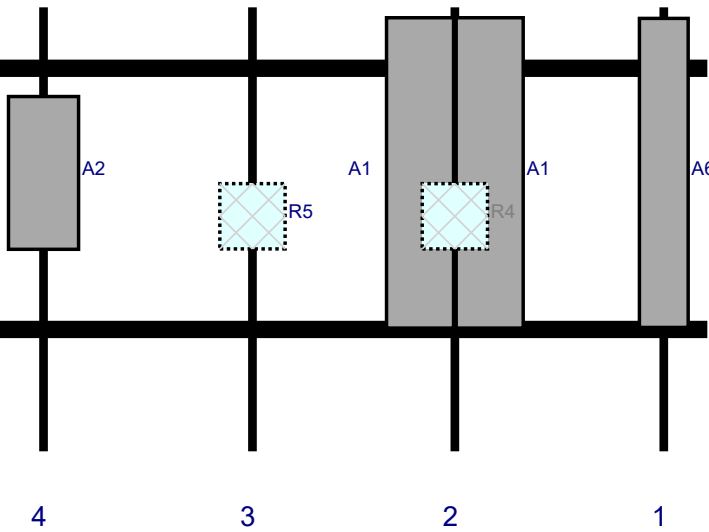


P ge: 2

Plan View



Front View - Looking at Str t re



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
A6	BXA-70063-6CF	71	11.2	152.5	1		Fro t	38.04	0	Ret i ed	08/03/2022
A1	MX06FRO660-03	71.3	15.4	104.5	2		Fro t	38.04	8	Ret i ed	08/03/2022
A1	MX06FRO660-03	71.3	15.4	104.5	2		Fro t	38.04	-8	Ret i ed	08/03/2022
R4	B2/B66A RRH-BR049	15	15	104.5	2		Behi d	48	0	Ret i ed	08/03/2022
R5	B5/B13 RRH-BR04C	15	15	58	3		Behi d	48	0	Ret i ed	08/03/2022
A2	MT6407-77A	35.1	16.1	10	4		Fro t	38.04	0	Ret i ed	08/03/2022

Se tor: C

7/23/2023

Str t re Type: Mo opole

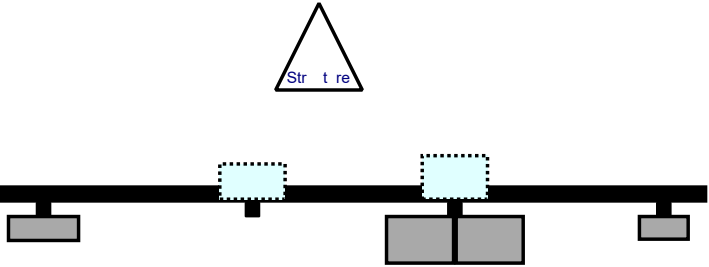
10207600



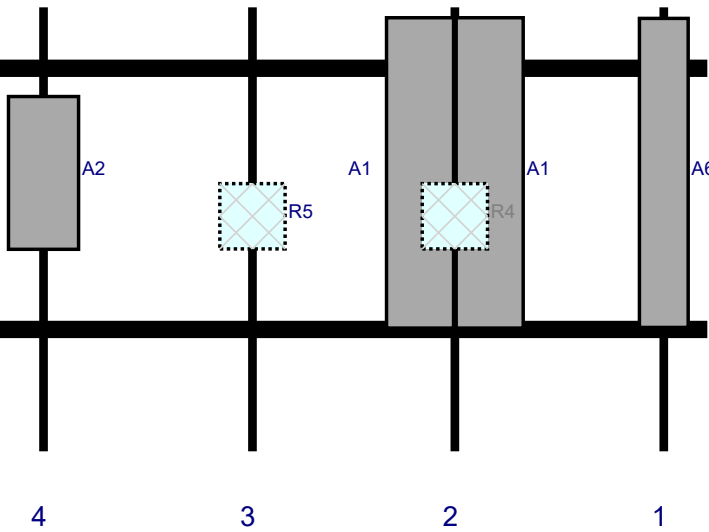
Mo t Elev: 157.00

P ge: 3

Plan View

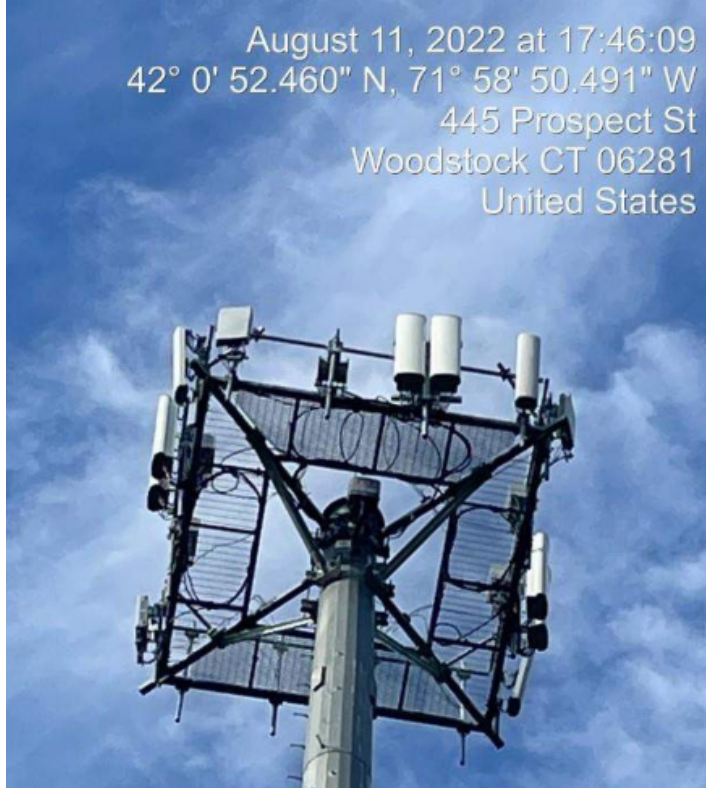


Front View - Looking at Str t re

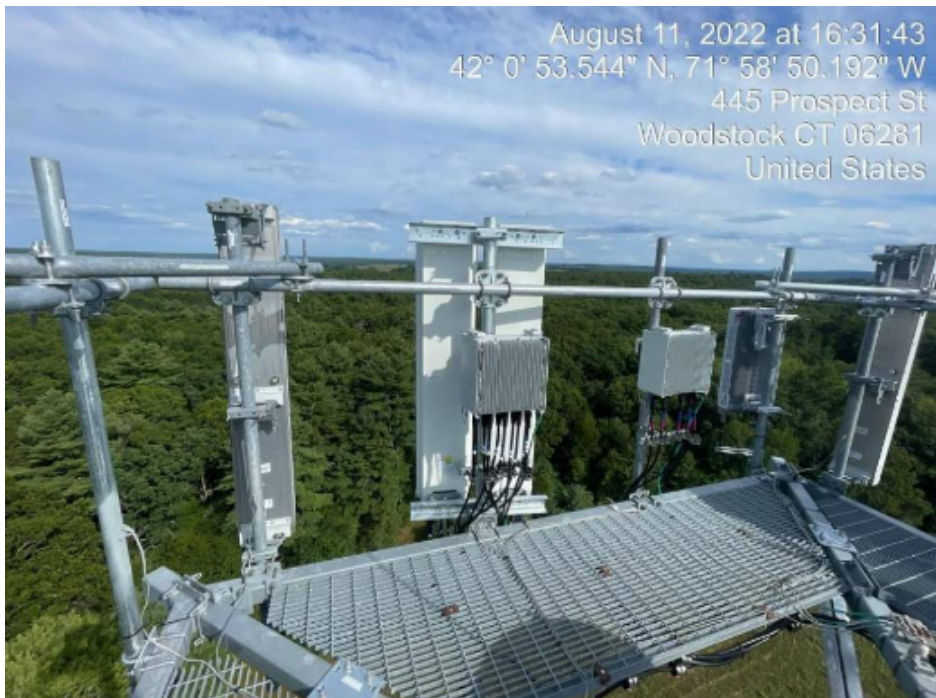


Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A6	BXA-70063-6CF	71	11.2	152.5	1		Fro t	38.04	0	Ret i ed	08/03/2022
A1	MX06FRO660-03	71.3	15.4	104.5	2		Fro t	38.04	8	Ret i ed	08/03/2022
A1	MX06FRO660-03	71.3	15.4	104.5	2		Fro t	38.04	-8	Ret i ed	08/03/2022
R4	B2/B66A RRH-BR049	15	15	104.5	2		Behi d	48	0	Ret i ed	08/03/2022
R5	B5/B13 RRH-BR04C	15	15	58	3		Behi d	48	0	Ret i ed	08/03/2022
A2	MT6407-77A	35.1	16.1	10	4		Fro t	38.04	0	Ret i ed	08/03/2022

August 11, 2022 at 17:46:09
42° 0' 52.460" N, 71° 58' 50.491" W
445 Prospect St
Woodstock CT 06281
United States



August 11, 2022 at 16:31:43
42° 0' 53.544" N, 71° 58' 50.192" W
445 Prospect St
Woodstock CT 06281
United States





Antenna Mount Mapping Form (PATENT PENDING)

FCC #

UNKNOWN

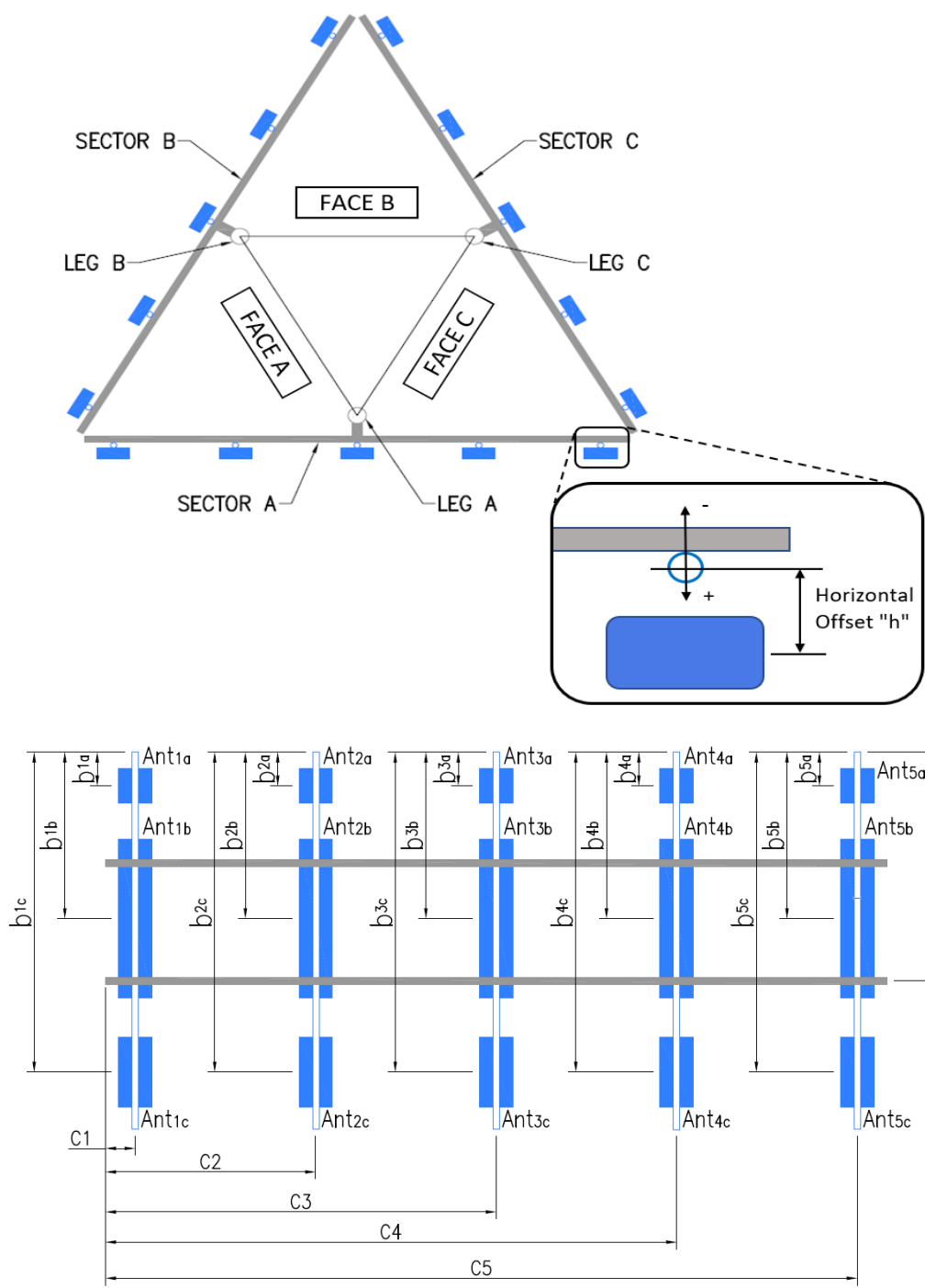
Tower Owner:	ATC	Mapping Date:	3/28/2021
Site Name:	ATC:EAST WOODSTOCK CT,VZW:EAST WOODSTOCK CT	Tower Type:	Monopole
Site Number or ID:	ATC:415484	Tower Height (Ft.):	159.5
Mapping Contractor:	RKS Design & Engineering LLC	Mount Elevation (Ft.):	157

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

Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	Pipe 2.375"Ø X 0.15" X 102" Long	74.00	10.00	C1	Pipe 2.375"Ø X 0.15" X 102" Long	74.00	10.00
A2	Pipe 2.375"Ø X 0.15" X 102" Long	74.00	58.00	C2	Pipe 2.375"Ø X 0.15" X 102" Long	74.00	58.00
A3	Pipe 2.375"Ø X 0.15" X 102" Long	74.00	104.50	C3	Pipe 2.375"Ø X 0.15" X 102" Long	74.00	104.50
A4	Pipe 2.375"Ø X 0.15" X 102" Long	74.00	152.50	C4	Pipe 2.375"Ø X 0.15" X 102" Long	74.00	152.50
A5				C5			
A6				C6			
B1	Pipe 2.375"Ø X 0.15" X 102" Long	74.00	10.00	D1			
B2	Pipe 2.375"Ø X 0.15" X 102" Long	74.00	58.00	D2			
B3	Pipe 2.375"Ø X 0.15" X 102" Long	74.00	104.50	D3			
B4	Pipe 2.375"Ø X 0.15" X 102" Long	74.00	152.50	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional infomation or comments below.							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):			26.6	

Enter antenna model. If not labeled, enter "Unknown".							Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b _{1a} , b _{2a} , b _{3a} , b _{1b} ..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant _{1a}										
Ant _{1b}	BXA-70063-6CF-EDIN	11.20	5.20	71.00		159.5	44.00	14.50	110.00	24,191
Ant _{1c}										
Ant _{2a}										
Ant _{2b}	BXA-171063-12CF-ED	6.10	4.10	72.40		159.417	45.00	10.50	110.00	24,191
Ant _{2c}										
Ant _{3a}	KS24822L1	15.00	10.00	16.50		160.979	26.25	-7.00		24,192
Ant _{3b}	BXA-70063-6CF-EDIN	11.20	5.20	71.00		159.542	43.50	10.50	110.00	24,192
Ant _{3c}										
Ant _{4a}										
Ant _{4b}	BXA-171063-12CF-ED	6.10	4.10	72.40		159.333	46.00	9.00	110.00	24,192
Ant _{4c}										
Ant _{5a}										
Ant _{5b}										
Ant _{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										



Antenna Layout (Looking Out From Tower)

[illegible]

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

1	COAX TOTAL (2): (2) 1.5"Ø	
2		
3		
4		
5		
6		
7		
8		

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



Antenna Mount Mapping Form (PATENT PENDING)

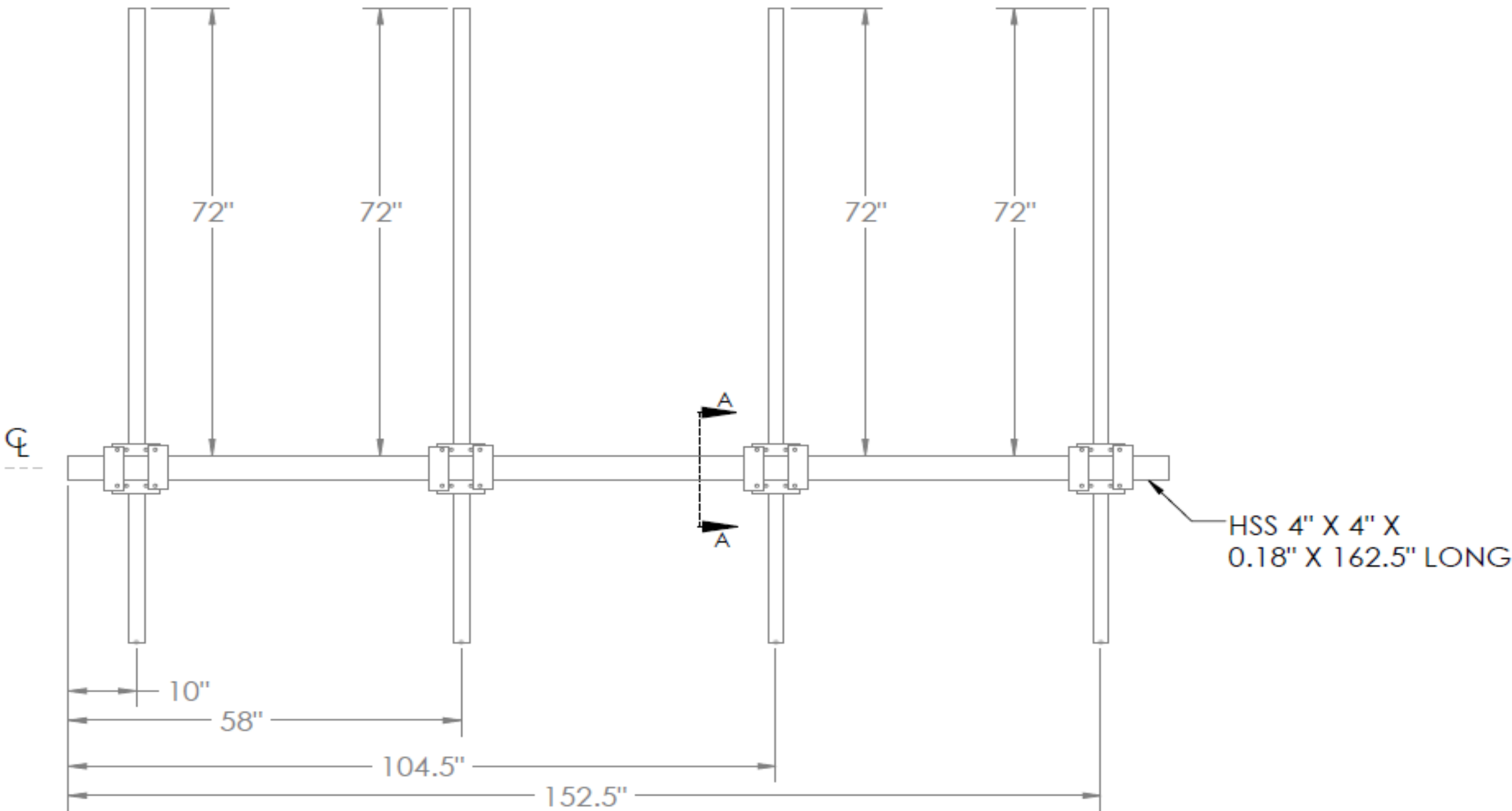
FCC #

UNKNOWN

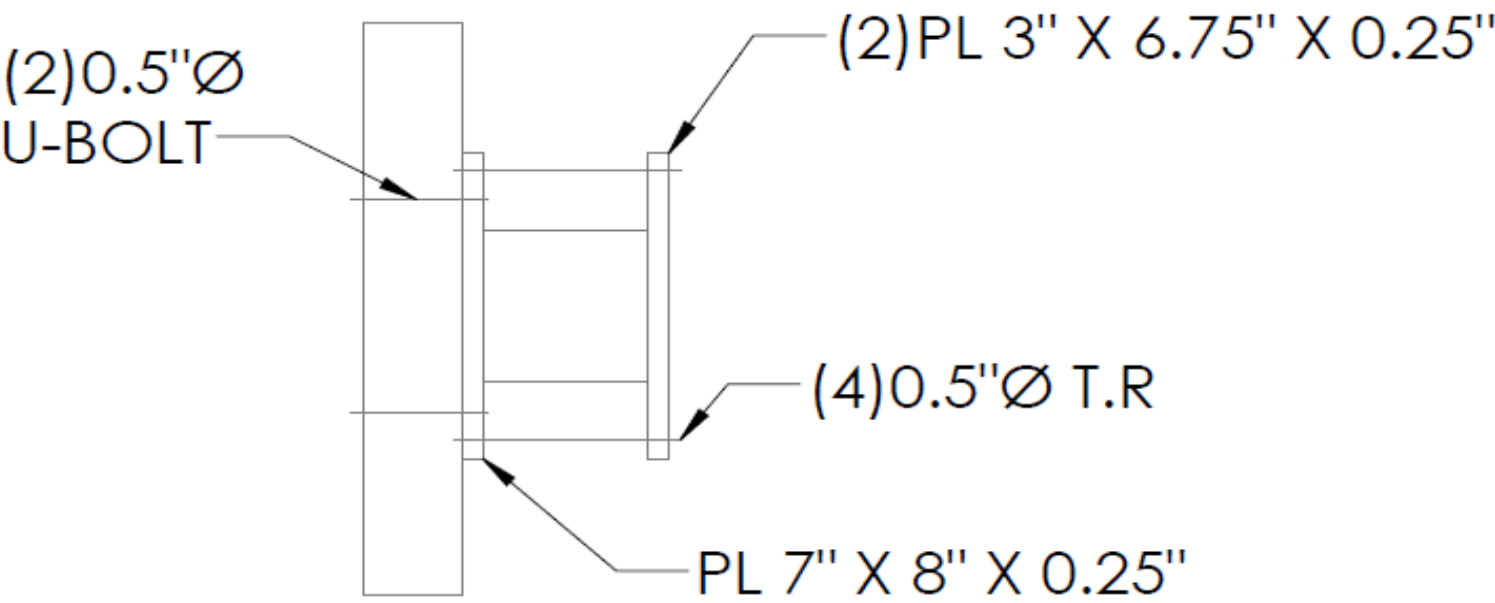
Tower Owner:	ATC	Mapping Date:	3/28/2021
Site Name:	ATC:EAST WOODSTOCK CT,VZW:EAST WOODSTOCK CT	Tower Type:	Monopole
Site Number or ID:	ATC:415484	Tower Height (Ft.):	159.5
Mapping Contractor:	RKS Design & Engineering LLC	Mount Elevation (Ft.):	157

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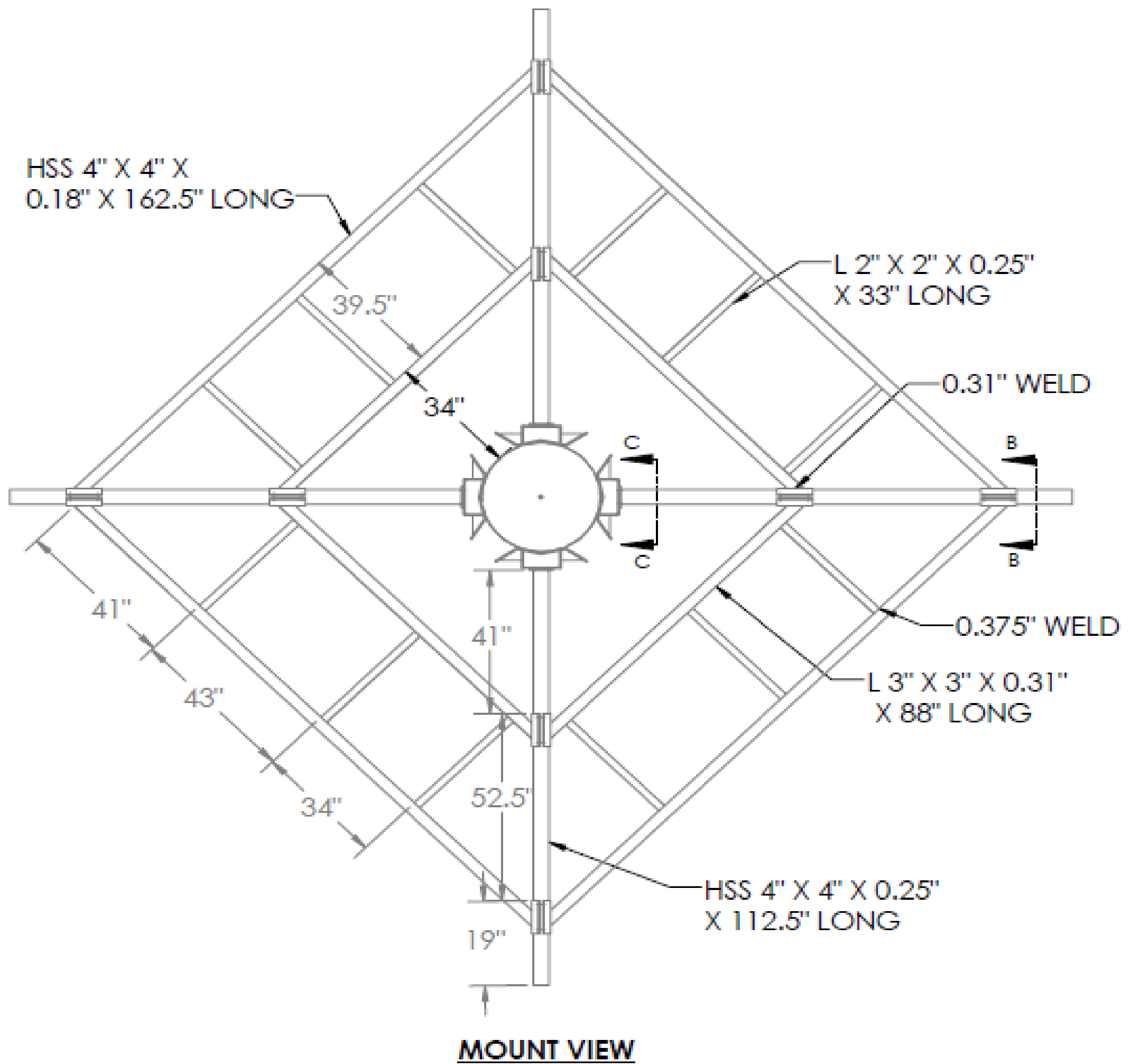
Please Insert Sketches of the Antenna Mount

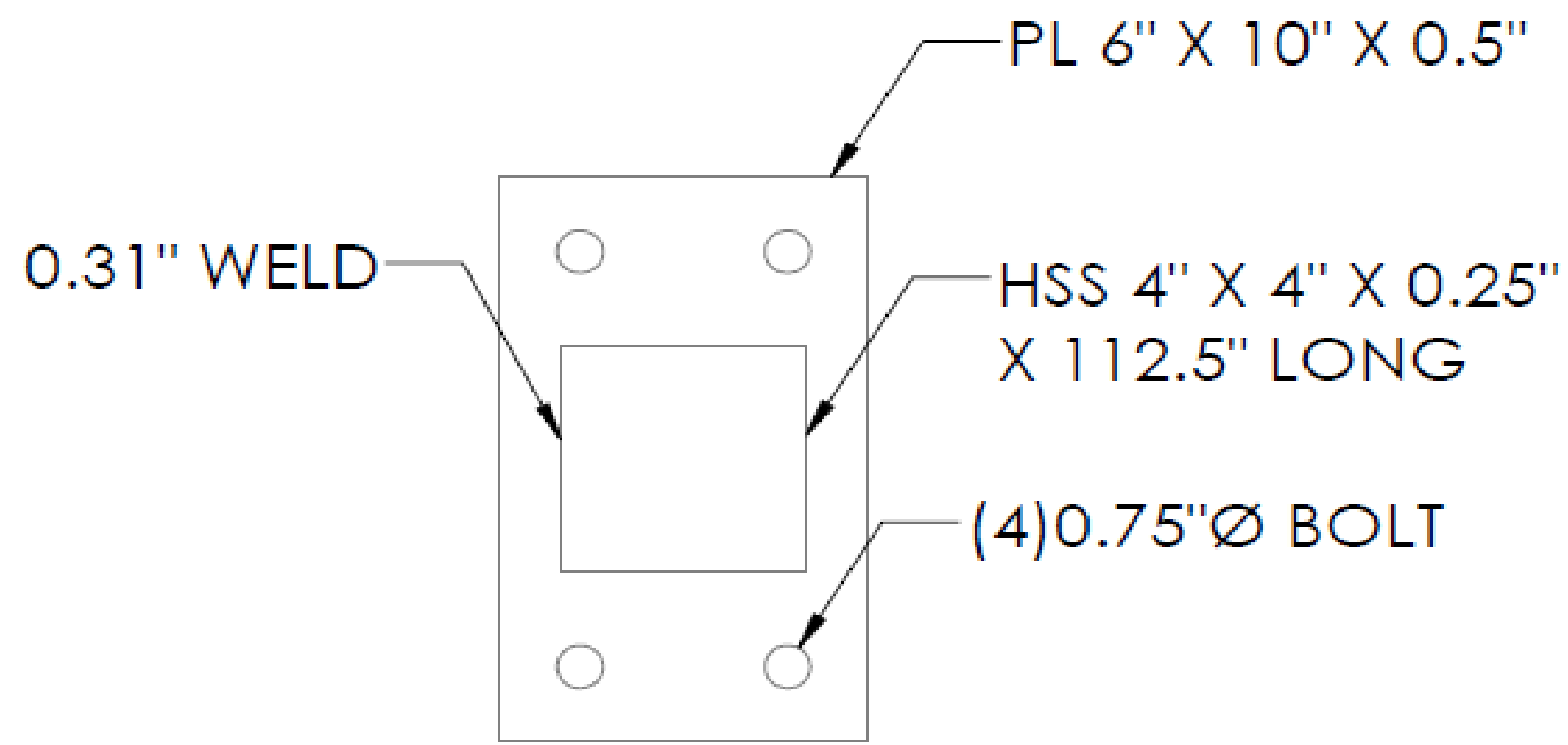


SECTOR A,B & C

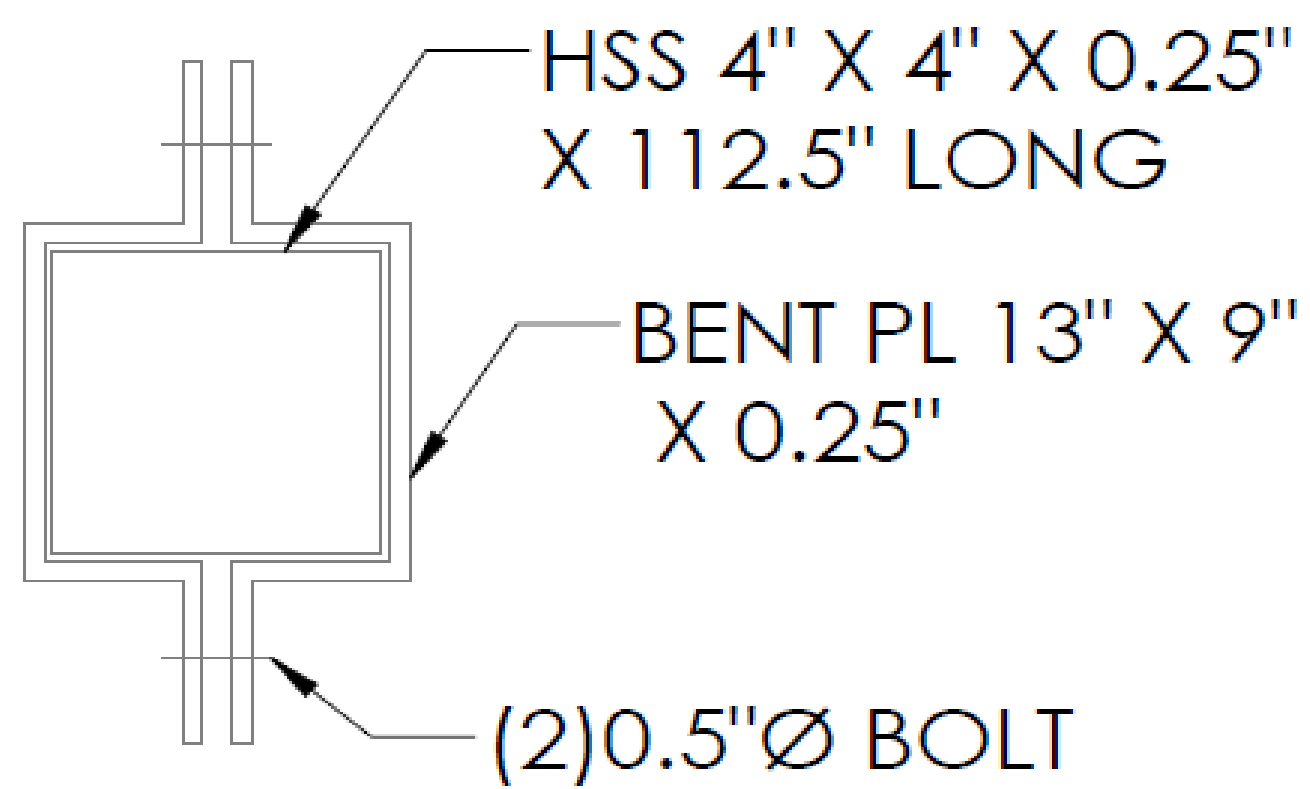


SECTION A-A

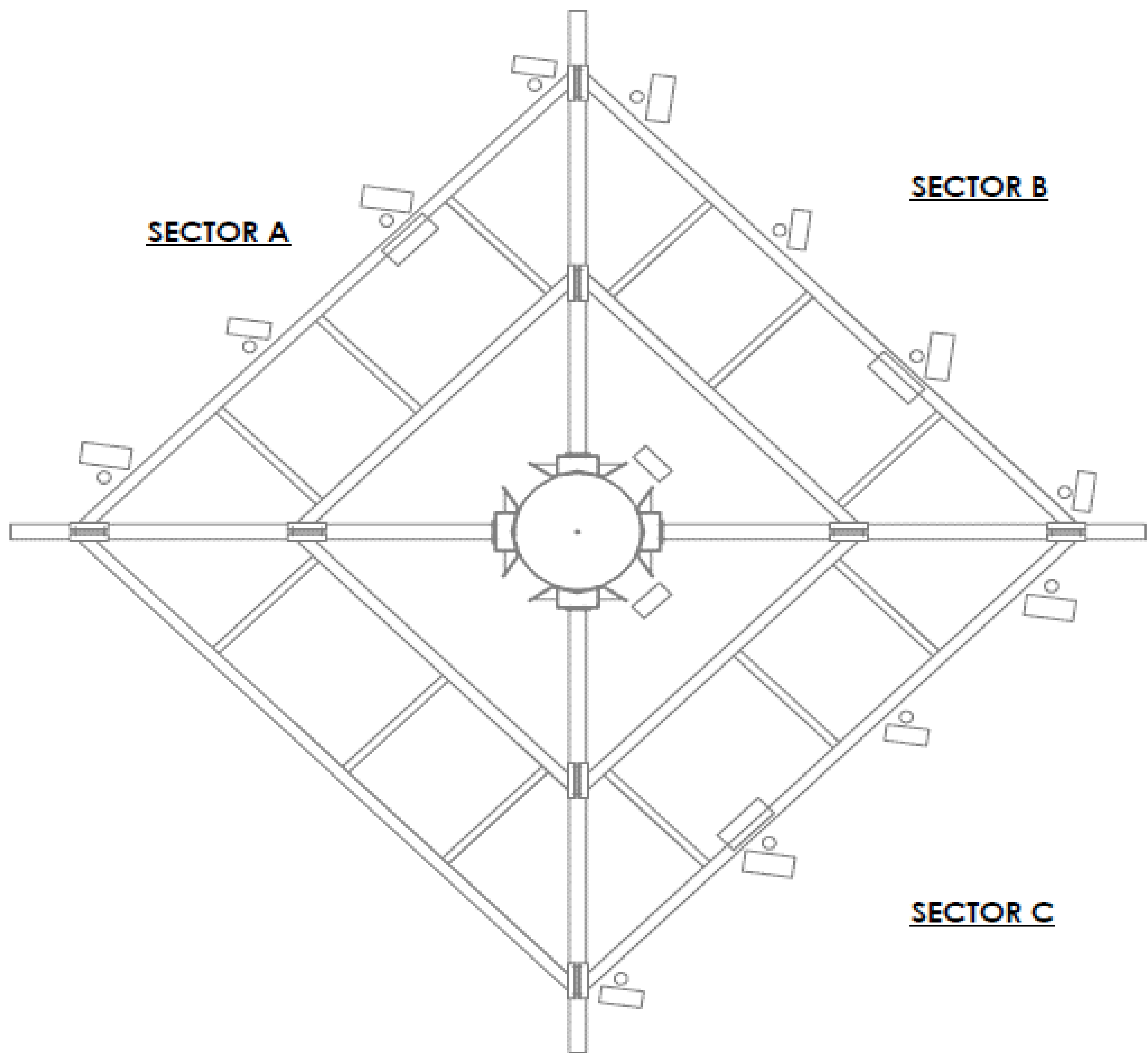




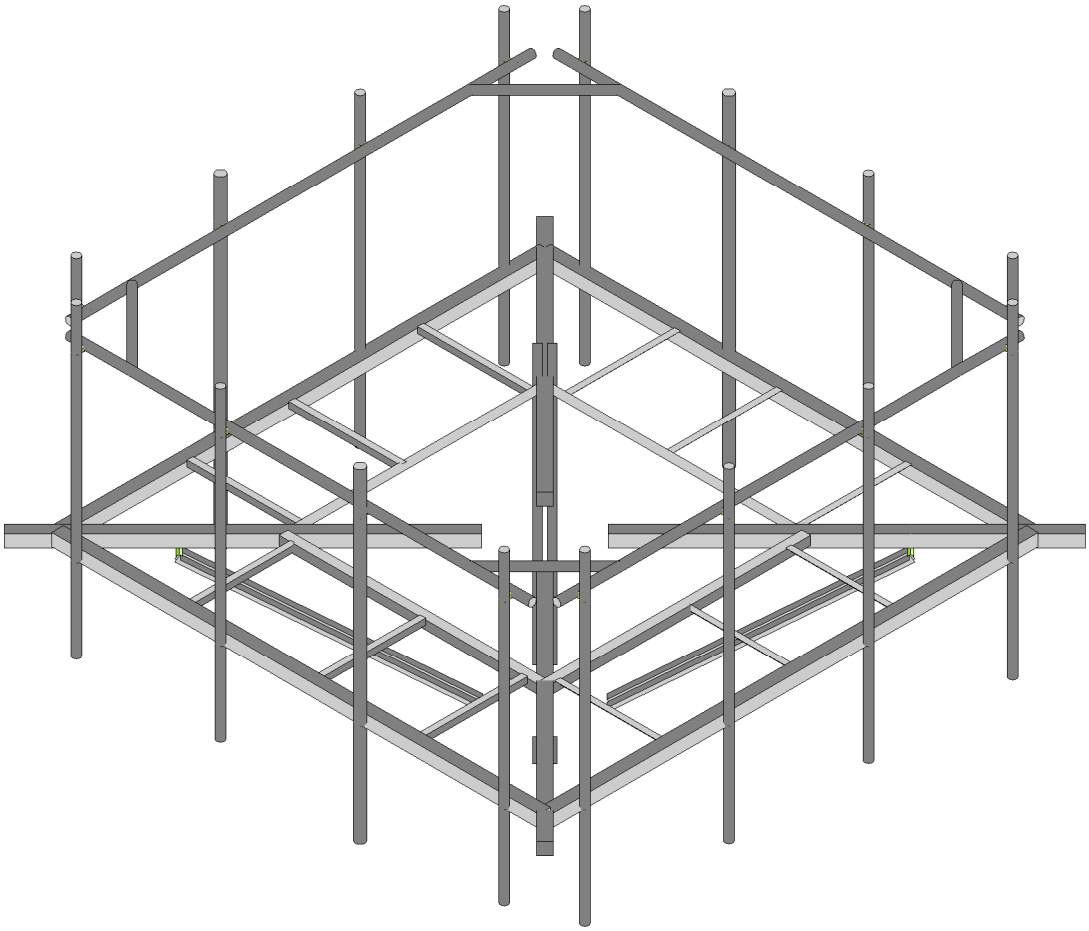
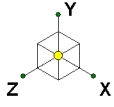
SECTION C-C



SECTION B-B

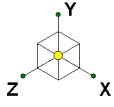


ANTENNA PLAN VIEW

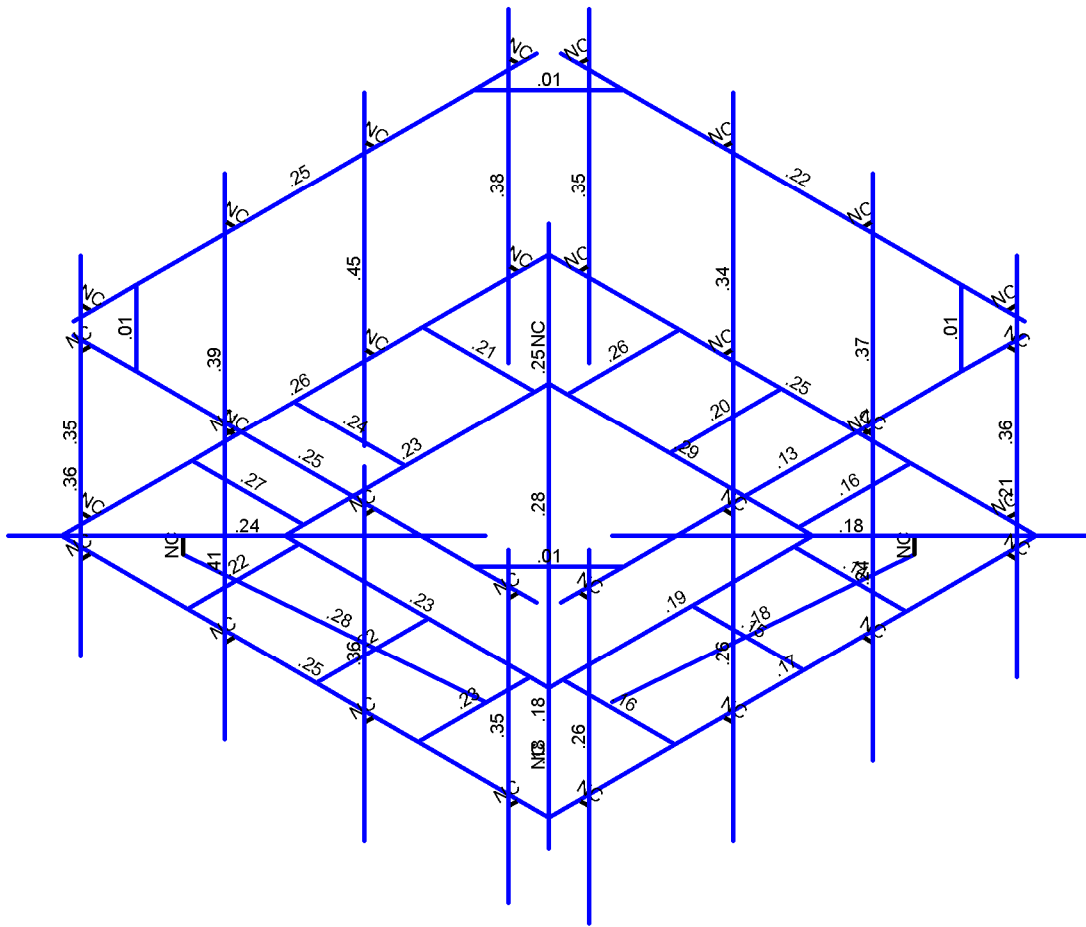
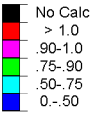


Envelope Only Solution

		SK - 1
		July 23, 2023 at 12:49 PM
		5000244843-VZW_MT_LO_H.r3d



Code Check
(Env)

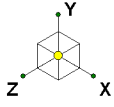


Member Code Checks Displayed (Enveloped)
Envelope Only Solution

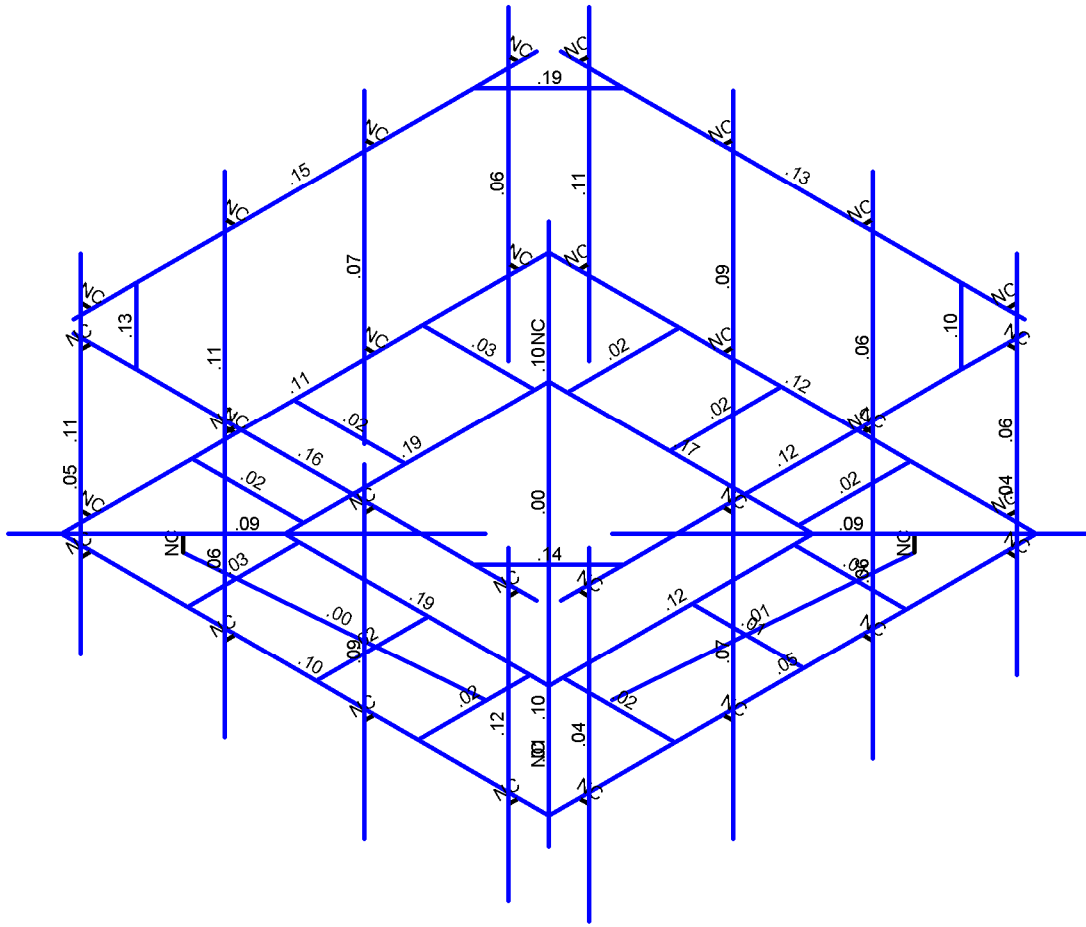
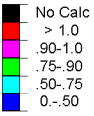
SK - 2

July 23, 2023 at 12:49 PM

5000244843-VZW_MT_LO_H.r3d



Shear Check
(Env)



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

SK - 3

July 23, 2023 at 12:49 PM

5000244843-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...)	Surface(P...
1	Antenna D	None					96		
2	Antenna Di	None					96		
3	Antenna Wo (0 Deg)	None					96		
4	Antenna Wo (30 Deg)	None					96		
5	Antenna Wo (60 Deg)	None					96		
6	Antenna Wo (90 Deg)	None					96		
7	Antenna Wo (120 Deg)	None					96		
8	Antenna Wo (150 Deg)	None					96		
9	Antenna Wo (180 Deg)	None					96		
10	Antenna Wo (210 Deg)	None					96		
11	Antenna Wo (240 Deg)	None					96		
12	Antenna Wo (270 Deg)	None					96		
13	Antenna Wo (300 Deg)	None					96		
14	Antenna Wo (330 Deg)	None					96		
15	Antenna Wi (0 Deg)	None					96		
16	Antenna Wi (30 Deg)	None					96		
17	Antenna Wi (60 Deg)	None					96		
18	Antenna Wi (90 Deg)	None					96		
19	Antenna Wi (120 Deg)	None					96		
20	Antenna Wi (150 Deg)	None					96		
21	Antenna Wi (180 Deg)	None					96		
22	Antenna Wi (210 Deg)	None					96		
23	Antenna Wi (240 Deg)	None					96		
24	Antenna Wi (270 Deg)	None					96		
25	Antenna Wi (300 Deg)	None					96		
26	Antenna Wi (330 Deg)	None					96		
27	Antenna Wm (0 Deg)	None					96		
28	Antenna Wm (30 Deg)	None					96		
29	Antenna Wm (60 Deg)	None					96		
30	Antenna Wm (90 Deg)	None					96		
31	Antenna Wm (120 Deg)	None					96		
32	Antenna Wm (150 Deg)	None					96		
33	Antenna Wm (180 Deg)	None					96		
34	Antenna Wm (210 Deg)	None					96		
35	Antenna Wm (240 Deg)	None					96		
36	Antenna Wm (270 Deg)	None					96		
37	Antenna Wm (300 Deg)	None					96		
38	Antenna Wm (330 Deg)	None					96		
39	Structure D	None		-1				4	
40	Structure Di	None						53	4
41	Structure Wo (0 Deg)	None						106	
42	Structure Wo (30 Deg)	None						106	
43	Structure Wo (60 Deg)	None						106	
44	Structure Wo (90 Deg)	None						106	
45	Structure Wo (120 D...	None						106	
46	Structure Wo (150 D...	None						106	
47	Structure Wo (180 D...	None						106	
48	Structure Wo (210 D...	None						106	
49	Structure Wo (240 D...	None						106	
50	Structure Wo (270 D...	None						106	
51	Structure Wo (300 D...	None						106	
52	Structure Wo (330 D...	None						106	
53	Structure Wi (0 Deg)	None						106	

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						106	
55	Structure Wi (60 Deg)	None						106	
56	Structure Wi (90 Deg)	None						106	
57	Structure Wi (120 De..	None						106	
58	Structure Wi (150 De..	None						106	
59	Structure Wi (180 De..	None						106	
60	Structure Wi (210 De..	None						106	
61	Structure Wi (240 De..	None						106	
62	Structure Wi (270 De..	None						106	
63	Structure Wi (300 De..	None						106	
64	Structure Wi (330 De..	None						106	
65	Structure Wm (0 Deg)	None						106	
66	Structure Wm (30 De..	None						106	
67	Structure Wm (60 De..	None						106	
68	Structure Wm (90 De..	None						106	
69	Structure Wm (120 D..	None						106	
70	Structure Wm (150 D..	None						106	
71	Structure Wm (180 D..	None						106	
72	Structure Wm (210 D..	None						106	
73	Structure Wm (240 D..	None						106	
74	Structure Wm (270 D..	None						106	
75	Structure Wm (300 D..	None						106	
76	Structure Wm (330 D..	None						106	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1		
80	Lv2	None					1		
81	Antenna Ev	None					96		
82	Antenna Eh (0 Deg)	None					64		
83	Antenna Eh (90 Deg)	None					64		
84	Structure Ev	ELY		-.039					4
85	Structure Eh (0 Deg)	ELZ			-.097				4
86	Structure Eh (90 Deg)	ELX	.097						4
87	BLC 39 Transient Are..	None						80	
88	BLC 40 Transient Are..	None						124	
89	BLC 84 Transient Are..	None						124	
90	BLC 85 Transient Are..	None						124	
91	BLC 86 Transient Are..	None						124	

Load Combinations

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

Load Combinations (Continued)

	Description	Sol...	PDe...	S...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...
15	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1
16	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1
17	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1
18	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1
19	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1
20	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1
21	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1
22	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1
23	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1
24	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1
25	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1		
26	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1		
27	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1		
28	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1		
29	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1		
30	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1		
31	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1		
32	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1		
33	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1		
34	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1		
35	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1		
36	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1		
37	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1		
38	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1		
39	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1		
40	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1		
41	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1		
42	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1		
43	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1		
44	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1		
45	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1		
46	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1		
47	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1		
48	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1		
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5						
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5						
51	1.4D	Yes	Y		1	1.4	39	1.4								
52	1.2D + 1.0Ev + 1.0Eh (...)	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83	ELZ 1 ELX
53	1.2D + 1.0Ev + 1.0Eh (...)	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5 ELZ .866 ELX .5
54	1.2D + 1.0Ev + 1.0Eh (...)	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866 ELZ .5 ELX .866
55	1.2D + 1.0Ev + 1.0Eh (...)	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1 ELZ ELX 1
56	1.2D + 1.0Ev + 1.0Eh (...)	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866 ELZ -.5 ELX .866
57	1.2D + 1.0Ev + 1.0Eh (...)	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5 ELZ -.866 ELX .5
58	1.2D + 1.0Ev + 1.0Eh (...)	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83	ELZ -1 ELX
59	1.2D + 1.0Ev + 1.0Eh (...)	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5 ELZ -.866 ELX -.5
60	1.2D + 1.0Ev + 1.0Eh (...)	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866 ELZ -.5 ELX -.866
61	1.2D + 1.0Ev + 1.0Eh (...)	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1 ELZ ELX -1
62	1.2D + 1.0Ev + 1.0Eh (...)	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866 ELZ .5 ELX -.866
63	1.2D + 1.0Ev + 1.0Eh (...)	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5 ELZ .866 ELX -.5
64	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83	ELZ 1 ELX
65	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5 ELZ .866 ELX .5
66	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866 ELZ .5 ELX .866
67	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1 ELZ ELX 1
68	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866 ELZ -.5 ELX .866
69	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5 ELZ -.866 ELX .5
70	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83	ELZ -1 ELX
71	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5 ELZ -.866 ELX -.5

Load Combinations (Continued)

	Description	Sol...	PDe...	S...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...
72	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866
73	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1
74	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866
75	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0.878277	0	0.878277	0	
2	N2	7.507403	0	7.507403	0	
3	N3	-0.878277	0	0.878277	0	
4	N4	-7.507403	0	7.507403	0	
5	N5	-0.878277	0	-0.878277	0	
6	N6	-7.507403	0	-7.507403	0	
7	N7	0.878277	0	-0.878277	0	
8	N8	7.507403	0	-7.507403	0	
9	N9	6.770833	0	6.770833	0	
10	N10	-6.770833	0	6.770833	0	
11	N11	-6.770833	0	-6.770833	0	
12	N12	6.770833	0	-6.770833	0	
13	N13	3.666667	0	3.666667	0	
14	N14	-3.666667	0	3.666667	0	
15	N15	-3.666667	0	-3.666667	0	
16	N16	3.666667	0	-3.666667	0	
17	N17	-3.666667	0	3.145833	0	
18	N18	-6.770833	0	3.145833	0	
19	N19	-3.666667	0	0.3125	0	
20	N20	-6.770833	0	0.3125	0	
21	N21	-3.666667	0	-3.270833	0	
22	N22	-6.770833	0	-3.270833	0	
23	N23	-3.145833	0	-3.666667	0	
24	N24	-3.145833	0	-6.770833	0	
25	N25	-0.3125	0	-3.666667	0	
26	N26	-0.3125	0	-6.770833	0	
27	N27	3.270833	0	-3.666667	0	
28	N28	3.270833	0	-6.770833	0	
29	N29	3.666667	0	-3.145833	0	
30	N30	6.770833	0	-3.145833	0	
31	N31	3.666667	0	-0.3125	0	
32	N32	6.770833	0	-0.3125	0	
33	N33	3.666667	0	3.270833	0	
34	N34	6.770833	0	3.270833	0	
35	N35	3.145833	0	3.666667	0	
36	N36	3.145833	0	6.770833	0	
37	N37	0.3125	0	3.666667	0	
38	N38	0.3125	0	6.770833	0	
39	N39	-3.270833	0	3.666667	0	
40	N40	-3.270833	0	6.770833	0	
41	N41	-5.9375	0	6.770833	0	
42	N42	-5.9375	0	7.0625	0	
43	N43	-1.9375	0	6.770833	0	
44	N44	-1.9375	0	7.0625	0	
45	N45	1.9375	0	6.770833	0	
46	N46	1.9375	0	7.0625	0	
47	N47	5.9375	0	6.770833	0	
48	N48	5.9375	0	7.0625	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N49	-6.770833	0	5.9375	0	
50	N50	-7.0625	0	5.9375	0	
51	N51	-6.770833	0	1.9375	0	
52	N52	-7.0625	0	1.9375	0	
53	N53	-6.770833	0	-1.9375	0	
54	N54	-7.0625	0	-1.9375	0	
55	N55	-6.770833	0	-5.9375	0	
56	N56	-7.0625	0	-5.9375	0	
57	N57	-5.9375	0	-6.770833	0	
58	N58	-5.9375	0	-7.0625	0	
59	N59	-1.9375	0	-6.770833	0	
60	N60	-1.9375	0	-7.0625	0	
61	N61	1.9375	0	-6.770833	0	
62	N62	1.9375	0	-7.0625	0	
63	N63	5.9375	0	-6.770833	0	
64	N64	5.9375	0	-7.0625	0	
65	N65	-5.9375	6.166667	7.0625	0	
66	N66	-1.9375	6.166667	7.0625	0	
67	N67	1.9375	6.166667	7.0625	0	
68	N68	5.9375	6.166667	7.0625	0	
69	N69	-7.0625	6.166667	5.9375	0	
70	N70	-7.0625	6.166667	1.9375	0	
71	N71	-7.0625	6.166667	-1.9375	0	
72	N72	-7.0625	6.166667	-5.9375	0	
73	N73	-5.9375	6.166667	-7.0625	0	
74	N74	-1.9375	6.166667	-7.0625	0	
75	N75	1.9375	6.166667	-7.0625	0	
76	N76	5.9375	6.166667	-7.0625	0	
77	N77	-5.9375	-2.333333	7.0625	0	
78	N78	-1.9375	-2.333333	7.0625	0	
79	N79	1.9375	-2.833333	7.0625	0	
80	N80	5.9375	-2.333333	7.0625	0	
81	N81	-7.0625	-2.333333	5.9375	0	
82	N82	-7.0625	-2.833333	1.9375	0	
83	N83	-7.0625	-2.333333	-1.9375	0	
84	N84	-7.0625	-2.333333	-5.9375	0	
85	N85	-5.9375	-2.333333	-7.0625	0	
86	N86	-1.9375	-2.833333	-7.0625	0	
87	N87	1.9375	-2.333333	-7.0625	0	
88	N88	5.9375	-2.333333	-7.0625	0	
89	N89	7.0625	0	5.9375	0	
90	N90	7.0625	0	1.9375	0	
91	N91	7.0625	0	-1.9375	0	
92	N92	7.0625	0	-5.9375	0	
93	N93	7.0625	6.166667	5.9375	0	
94	N94	7.0625	6.166667	1.9375	0	
95	N95	7.0625	6.166667	-1.9375	0	
96	N96	7.0625	6.166667	-5.9375	0	
97	N97	7.0625	-2.833333	5.9375	0	
98	N98	7.0625	-2.833333	1.9375	0	
99	N99	7.0625	-2.833333	-1.9375	0	
100	N100	7.0625	-2.833333	-5.9375	0	
101	N101	6.770833	0	5.9375	0	
102	N102	6.770833	0	1.9375	0	
103	N103	6.770833	0	-1.9375	0	
104	N104	6.770833	0	-5.9375	0	
105	N105	7.0625	5	5.9375	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N106	7.0625	5	1.9375	0	
107	N107	7.0625	5	-1.9375	0	
108	N108	7.0625	5	-5.9375	0	
109	N109	6.770833	5	5.9375	0	
110	N110	6.770833	5	1.9375	0	
111	N111	6.770833	5	-1.9375	0	
112	N112	6.770833	5	-5.9375	0	
113	N113	6.770833	5	6.4375	0	
114	N114	6.770833	5	-6.4375	0	
115	N115	0.878277	-4	-0.878277	0	
116	N116	5.08088	0	-5.08088	0	
117	N117	5.08088	-0.447917	-5.08088	0	
118	N120	-5.9375	5	7.0625	0	
119	N121	-1.9375	5	7.0625	0	
120	N122	1.9375	5	7.0625	0	
121	N123	5.9375	5	7.0625	0	
122	N124	-5.9375	5	6.770833	0	
123	N125	-1.9375	5	6.770833	0	
124	N126	1.9375	5	6.770833	0	
125	N127	5.9375	5	6.770833	0	
126	N128	-6.4375	5	6.770833	0	
127	N129	6.4375	5	6.770833	0	
128	N130	0.878277	-4	0.878277	0	
129	N131	5.08088	0	5.08088	0	
130	N132	5.08088	-0.447917	5.08088	0	
131	N135	-7.0625	5	-5.9375	0	
132	N136	-7.0625	5	-1.9375	0	
133	N137	-7.0625	5	1.9375	0	
134	N138	-7.0625	5	5.9375	0	
135	N139	-6.770833	5	-5.9375	0	
136	N140	-6.770833	5	-1.9375	0	
137	N141	-6.770833	5	1.9375	0	
138	N142	-6.770833	5	5.9375	0	
139	N143	-6.770833	5	-6.4375	0	
140	N144	-6.770833	5	6.4375	0	
141	N145	-0.878277	-4	0.878277	0	
142	N146	-5.08088	0	5.08088	0	
143	N147	-5.08088	-0.447917	5.08088	0	
144	N150	5.9375	5	-7.0625	0	
145	N151	1.9375	5	-7.0625	0	
146	N152	-1.9375	5	-7.0625	0	
147	N153	-5.9375	5	-7.0625	0	
148	N154	5.9375	5	-6.770833	0	
149	N155	1.9375	5	-6.770833	0	
150	N156	-1.9375	5	-6.770833	0	
151	N157	-5.9375	5	-6.770833	0	
152	N158	6.4375	5	-6.770833	0	
153	N159	-6.4375	5	-6.770833	0	
154	N160	-0.878277	-4	-0.878277	0	
155	N161	-5.08088	0	-5.08088	0	
156	N162	-5.08088	-0.447917	-5.08088	0	
157	N173	-4.6875	5	6.770833	0	
158	N174	4.6875	5	6.770833	0	
159	N175	6.770833	5	4.6875	0	
160	N176	6.770833	5	-4.6875	0	
161	N177	4.6875	5	-6.770833	0	
162	N178	-4.6875	5	-6.770833	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N179	-6.770833	5	-4.6875	0	
164	N180	-6.770833	5	4.6875	0	
165	N165	0	0	0	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Standoff Horizontal	HSS4X4X4	None	None	A500 Gr.B ...	Typical	3.37	7.8	7.8	12.8
2	Toerail	HSS4X4X3	None	None	A500 Gr.B ...	Typical	2.58	6.21	6.21	10
3	Grating Angle	L3X3X5	None	None	A36 Gr.36	Typical	1.78	1.5	1.5	.06
4	Grating Plate	L2x2x4	None	None	A36 Gr.36	Typical	.944	.346	.346	.021
5	Mount Pipe (P2 STD)	PIPE 2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
6	Mod Mount Pipe (P2.5...	PIPE 2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
7	Mod Mount Pipe (P2 ...	PIPE 2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Mod Support Rail	PIPE 2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Mod SR Corner Bracing	WT3X8	None	None	A36 Gr.36	Typical	2.37	2.21	1.69	1.11
10	Mod Kickers	LL2.5x2.5x3x6	None	None	A36 Gr.36	Typical	1.8	3.09	1.07	.023
11	HR11	L2.5x2.5x3x0.5	None	None	A36 Gr.36	Typical	1.805	2.703	1.093	.02

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E...	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B RECT	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A500 Gr.C RND	29000	11154	.3	.65	.527	46	1.4	62	1.3
7	A500 Gr.C RECT	29000	11154	.3	.65	.527	50	1.4	62	1.3
8	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
9	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3
10	A913 Gr.65	29000	11154	.3	.65	.49	65	1.1	80	1.1

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Standoff Horiz...	None	None	A500 Gr.B...	Typical
2	M2	N3	N4			Standoff Horiz...	None	None	A500 Gr.B...	Typical
3	M3	N5	N6			Standoff Horiz...	None	None	A500 Gr.B...	Typical
4	M4	N7	N8			Standoff Horiz...	None	None	A500 Gr.B...	Typical
5	M5	N9	N10			Toerail	None	None	A500 Gr.B...	Typical
6	M6	N10	N11			Toerail	None	None	A500 Gr.B...	Typical
7	M7	N11	N12			Toerail	None	None	A500 Gr.B...	Typical
8	M8	N12	N9			Toerail	None	None	A500 Gr.B...	Typical
9	M9	N13	N14		90	Grating Angle	None	None	A36 Gr.36	Typical
10	M10	N14	N15		90	Grating Angle	None	None	A36 Gr.36	Typical
11	M11	N15	N16		90	Grating Angle	None	None	A36 Gr.36	Typical
12	M12	N16	N13		90	Grating Angle	None	None	A36 Gr.36	Typical
13	M13	N17	N18		90	Grating Plate	None	None	A36 Gr.36	Typical
14	M14	N19	N20		90	Grating Plate	None	None	A36 Gr.36	Typical
15	M15	N21	N22		90	Grating Plate	None	None	A36 Gr.36	Typical
16	M16	N23	N24		90	Grating Plate	None	None	A36 Gr.36	Typical
17	M17	N25	N26		90	Grating Plate	None	None	A36 Gr.36	Typical
18	M18	N27	N28		90	Grating Plate	None	None	A36 Gr.36	Typical
19	M19	N29	N30		90	Grating Plate	None	None	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
20	M20	N31	N32		90	Grating Plate	None	None	A36 Gr.36	Typical
21	M21	N33	N34		90	Grating Plate	None	None	A36 Gr.36	Typical
22	M22	N35	N36		90	Grating Plate	None	None	A36 Gr.36	Typical
23	M23	N37	N38		90	Grating Plate	None	None	A36 Gr.36	Typical
24	M24	N39	N40		90	Grating Plate	None	None	A36 Gr.36	Typical
25	M25	N41	N42			RIGID	None	None	RIGID	Typical
26	M26	N43	N44			RIGID	None	None	RIGID	Typical
27	M27	N45	N46			RIGID	None	None	RIGID	Typical
28	M28	N47	N48			RIGID	None	None	RIGID	Typical
29	M29	N49	N50			RIGID	None	None	RIGID	Typical
30	M30	N51	N52			RIGID	None	None	RIGID	Typical
31	M31	N53	N54			RIGID	None	None	RIGID	Typical
32	M32	N55	N56			RIGID	None	None	RIGID	Typical
33	M33	N57	N58			RIGID	None	None	RIGID	Typical
34	M34	N59	N60			RIGID	None	None	RIGID	Typical
35	M35	N61	N62			RIGID	None	None	RIGID	Typical
36	M36	N63	N64			RIGID	None	None	RIGID	Typical
37	MP1A	N68	N80			Mount Pipe (P...	None	None	A53 Gr.B	Typical
38	MP2A	N67	N79			Mod Mount Pip...	None	None	A53 Gr.B	Typical
39	MP3A	N66	N78			Mount Pipe (P...	None	None	A53 Gr.B	Typical
40	MP4A	N65	N77			Mount Pipe (P...	None	None	A53 Gr.B	Typical
41	MP1B	N69	N81			Mount Pipe (P...	None	None	A53 Gr.B	Typical
42	MP2B	N70	N82			Mod Mount Pip...	None	None	A53 Gr.B	Typical
43	MP3B	N71	N83			Mount Pipe (P...	None	None	A53 Gr.B	Typical
44	MP4B	N72	N84			Mount Pipe (P...	None	None	A53 Gr.B	Typical
45	MP1C	N73	N85			Mount Pipe (P...	None	None	A53 Gr.B	Typical
46	MP2C	N74	N86			Mod Mount Pip...	None	None	A53 Gr.B	Typical
47	MP3C	N75	N87			Mount Pipe (P...	None	None	A53 Gr.B	Typical
48	MP4C	N76	N88			Mount Pipe (P...	None	None	A53 Gr.B	Typical
49	M49	N93	N97			Mod Mount Pip...	None	None	A53 Gr.B	Typical
50	M50	N94	N98			Mod Mount Pip...	None	None	A53 Gr.B	Typical
51	M51	N95	N99			Mod Mount Pip...	None	None	A53 Gr.B	Typical
52	M52	N96	N100			Mod Mount Pip...	None	None	A53 Gr.B	Typical
53	M53	N101	N89			RIGID	None	None	RIGID	Typical
54	M54	N102	N90			RIGID	None	None	RIGID	Typical
55	M55	N103	N91			RIGID	None	None	RIGID	Typical
56	M56	N104	N92			RIGID	None	None	RIGID	Typical
57	M57	N109	N105			RIGID	None	None	RIGID	Typical
58	M58	N110	N106			RIGID	None	None	RIGID	Typical
59	M59	N111	N107			RIGID	None	None	RIGID	Typical
60	M60	N112	N108			RIGID	None	None	RIGID	Typical
61	M61	N113	N114			Mod Support ...	None	None	A53 Gr.B	Typical
62	M62	N116	N117			RIGID	None	None	RIGID	Typical
63	M63	N117	N115			Mod Kickers	None	None	A36 Gr.36	Typical
64	M65	N124	N120			RIGID	None	None	RIGID	Typical
65	M66	N125	N121			RIGID	None	None	RIGID	Typical
66	M67	N126	N122			RIGID	None	None	RIGID	Typical
67	M68	N127	N123			RIGID	None	None	RIGID	Typical
68	M69	N128	N129			Mod Support ...	None	None	A53 Gr.B	Typical
69	M70	N131	N132			RIGID	None	None	RIGID	Typical
70	M71	N132	N130			Mod Kickers	None	None	A36 Gr.36	Typical
71	M73	N139	N135			RIGID	None	None	RIGID	Typical
72	M74	N140	N136			RIGID	None	None	RIGID	Typical
73	M75	N141	N137			RIGID	None	None	RIGID	Typical
74	M76	N142	N138			RIGID	None	None	RIGID	Typical
75	M77	N143	N144			Mod Support ...	None	None	A53 Gr.B	Typical
76	M78	N146	N147			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
77	M79	N147	N145			Mod Kickers	None	None	A36 Gr.36	Typical
78	M81	N154	N150			RIGID	None	None	RIGID	Typical
79	M82	N155	N151			RIGID	None	None	RIGID	Typical
80	M83	N156	N152			RIGID	None	None	RIGID	Typical
81	M84	N157	N153			RIGID	None	None	RIGID	Typical
82	M85	N158	N159			Mod Support ...	None	None	A53 Gr.B	Typical
83	M86	N161	N162			RIGID	None	None	RIGID	Typical
84	M87	N162	N160			Mod Kickers	None	None	A36 Gr.36	Typical
85	M97A	N173	N180			Mount Pipe (P...	None	None	A53 Gr.B	Typical
86	M98A	N175	N174			Mount Pipe (P...	None	None	A53 Gr.B	Typical
87	M99A	N177	N176			Mount Pipe (P...	None	None	A53 Gr.B	Typical
88	M100A	N179	N178			Mount Pipe (P...	None	None	A53 Gr.B	Typical
89	M101A	N173	N180			Mount Pipe (P...	None	None	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	** NA **			None
2	M2						Yes	** NA **			None
3	M3						Yes	** NA **			None
4	M4						Yes	** NA **			None
5	M5						Yes	** NA **			None
6	M6						Yes	** NA **			None
7	M7						Yes	** NA **			None
8	M8						Yes	** NA **			None
9	M9						Yes	** NA **			None
10	M10						Yes	** NA **			None
11	M11						Yes	** NA **			None
12	M12						Yes	** NA **			None
13	M13						Yes	** NA **			None
14	M14						Yes	** NA **			None
15	M15						Yes	** NA **			None
16	M16						Yes	** NA **			None
17	M17						Yes	** NA **			None
18	M18						Yes	** NA **			None
19	M19						Yes	** NA **			None
20	M20						Yes	** NA **			None
21	M21						Yes	** NA **			None
22	M22						Yes	** NA **			None
23	M23						Yes	** NA **			None
24	M24						Yes	** NA **			None
25	M25						Yes	** NA **			None
26	M26						Yes	** NA **			None
27	M27						Yes	** NA **			None
28	M28						Yes	** NA **			None
29	M29						Yes	** NA **			None
30	M30						Yes	** NA **			None
31	M31						Yes	** NA **			None
32	M32						Yes	** NA **			None
33	M33						Yes	** NA **			None
34	M34						Yes	** NA **			None
35	M35						Yes	** NA **			None
36	M36						Yes	** NA **			None
37	MP1A						Yes	** NA **			None
38	MP2A						Yes	** NA **			None
39	MP3A						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
40	MP4A						Yes	** NA **			None
41	MP1B						Yes	** NA **			None
42	MP2B						Yes	** NA **			None
43	MP3B						Yes	** NA **			None
44	MP4B						Yes	** NA **			None
45	MP1C						Yes	** NA **			None
46	MP2C						Yes	** NA **			None
47	MP3C						Yes	** NA **			None
48	MP4C						Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50						Yes	** NA **			None
51	M51						Yes	** NA **			None
52	M52						Yes	** NA **			None
53	M53						Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56						Yes	** NA **			None
57	M57						Yes	** NA **			None
58	M58						Yes	** NA **			None
59	M59						Yes	** NA **			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63	BenPIN	BenPIN				Yes	** NA **			None
64	M65						Yes	** NA **			None
65	M66						Yes	** NA **			None
66	M67						Yes	** NA **			None
67	M68						Yes	** NA **			None
68	M69						Yes	** NA **			None
69	M70						Yes	** NA **			None
70	M71	BenPIN	BenPIN				Yes	** NA **			None
71	M73						Yes	** NA **			None
72	M74						Yes	** NA **			None
73	M75						Yes	** NA **			None
74	M76						Yes	** NA **			None
75	M77						Yes	** NA **			None
76	M78						Yes	** NA **			None
77	M79	BenPIN	BenPIN				Yes	** NA **			None
78	M81						Yes	** NA **			None
79	M82						Yes	** NA **			None
80	M83						Yes	** NA **			None
81	M84						Yes	** NA **			None
82	M85						Yes	** NA **			None
83	M86						Yes	** NA **			None
84	M87	BenPIN	BenPIN				Yes	** NA **			None
85	M97A	BenPIN	BenPIN				Yes	** NA **			None
86	M98A	BenPIN	BenPIN				Yes	** NA **			None
87	M99A	BenPIN	BenPIN				Yes	** NA **			None
88	M100A	BenPIN	BenPIN				Yes	** NA **			None
89	M101A	BenPIN	BenPIN				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-23	1.17
2	MP2A	My	-.02	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
3	MP2A	Mz	-.009	1.17
4	MP2A	Y	-23	5.17
5	MP2A	My	-.02	5.17
6	MP2A	Mz	-.009	5.17
7	MP2B	Y	-23	1.17
8	MP2B	My	.006	1.17
9	MP2B	Mz	-.021	1.17
10	MP2B	Y	-23	5.17
11	MP2B	My	.006	5.17
12	MP2B	Mz	-.021	5.17
13	MP2C	Y	-23	1.17
14	MP2C	My	.022	1.17
15	MP2C	Mz	.002	1.17
16	MP2C	Y	-23	5.17
17	MP2C	My	.022	5.17
18	MP2C	Mz	.002	5.17
19	MP2A	Y	-23	1.17
20	MP2A	My	.009	1.17
21	MP2A	Mz	-.02	1.17
22	MP2A	Y	-23	5.17
23	MP2A	My	.009	5.17
24	MP2A	Mz	-.02	5.17
25	MP2B	Y	-23	1.17
26	MP2B	My	.021	1.17
27	MP2B	Mz	.006	1.17
28	MP2B	Y	-23	5.17
29	MP2B	My	.021	5.17
30	MP2B	Mz	.006	5.17
31	MP2C	Y	-23	1.17
32	MP2C	My	-.002	1.17
33	MP2C	Mz	.022	1.17
34	MP2C	Y	-23	5.17
35	MP2C	My	-.002	5.17
36	MP2C	Mz	.022	5.17
37	MP4A	Y	-43.55	2.17
38	MP4A	My	-.01	2.17
39	MP4A	Mz	-.027	2.17
40	MP4A	Y	-43.55	4.17
41	MP4A	My	-.01	4.17
42	MP4A	Mz	-.027	4.17
43	MP4B	Y	-43.55	2.17
44	MP4B	My	.025	2.17
45	MP4B	Mz	-.015	2.17
46	MP4B	Y	-43.55	4.17
47	MP4B	My	.025	4.17
48	MP4B	Mz	-.015	4.17
49	MP4C	Y	-43.55	2.17
50	MP4C	My	.019	2.17
51	MP4C	Mz	.022	2.17
52	MP4C	Y	-43.55	4.17
53	MP4C	My	.019	4.17
54	MP4C	Mz	.022	4.17
55	MP2A	Y	-84.4	4
56	MP2A	My	.042	4
57	MP2A	Mz	0	4
58	MP2B	Y	-84.4	4
59	MP2B	My	0	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
60	MP2B	Mz	.042	4
61	MP2C	Y	-84.4	4
62	MP2C	My	-.042	4
63	MP2C	Mz	0	4
64	MP3A	Y	-70.3	4
65	MP3A	My	.035	4
66	MP3A	Mz	0	4
67	MP3B	Y	-70.3	4
68	MP3B	My	0	4
69	MP3B	Mz	.035	4
70	MP3C	Y	-70.3	4
71	MP3C	My	-.035	4
72	MP3C	Mz	0	4
73	MP1A	Y	-8.5	1.17
74	MP1A	My	-.004	1.17
75	MP1A	Mz	-.01	1.17
76	MP1A	Y	-8.5	5.17
77	MP1A	My	-.004	5.17
78	MP1A	Mz	-.01	5.17
79	MP1B	Y	-8.5	1.17
80	MP1B	My	.007	1.17
81	MP1B	Mz	-.004	1.17
82	MP1B	Y	-8.5	5.17
83	MP1B	My	.007	5.17
84	MP1B	Mz	-.004	5.17
85	MP1C	Y	-8.5	1.17
86	MP1C	My	.005	1.17
87	MP1C	Mz	.006	1.17
88	MP1C	Y	-8.5	5.17
89	MP1C	My	.005	5.17
90	MP1C	Mz	.006	5.17
91	M77	Y	-17.6	6.25
92	M77	My	.004	6.25
93	M77	Mz	-.002	6.25
94	M77	Y	-17.6	6.25
95	M77	My	-.004	6.25
96	M77	Mz	.002	6.25

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-130.977	1.17
2	MP2A	My	-.112	1.17
3	MP2A	Mz	-.052	1.17
4	MP2A	Y	-130.977	5.17
5	MP2A	My	-.112	5.17
6	MP2A	Mz	-.052	5.17
7	MP2B	Y	-130.977	1.17
8	MP2B	My	.032	1.17
9	MP2B	Mz	-.119	1.17
10	MP2B	Y	-130.977	5.17
11	MP2B	My	.032	5.17
12	MP2B	Mz	-.119	5.17
13	MP2C	Y	-130.977	1.17
14	MP2C	My	.123	1.17
15	MP2C	Mz	.011	1.17
16	MP2C	Y	-130.977	5.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP2C	My	.123	5.17
18	MP2C	Mz	.011	5.17
19	MP2A	Y	-130.977	1.17
20	MP2A	My	.052	1.17
21	MP2A	Mz	-.112	1.17
22	MP2A	Y	-130.977	5.17
23	MP2A	My	.052	5.17
24	MP2A	Mz	-.112	5.17
25	MP2B	Y	-130.977	1.17
26	MP2B	My	.119	1.17
27	MP2B	Mz	.032	1.17
28	MP2B	Y	-130.977	5.17
29	MP2B	My	.119	5.17
30	MP2B	Mz	.032	5.17
31	MP2C	Y	-130.977	1.17
32	MP2C	My	-.011	1.17
33	MP2C	Mz	.123	1.17
34	MP2C	Y	-130.977	5.17
35	MP2C	My	-.011	5.17
36	MP2C	Mz	.123	5.17
37	MP4A	Y	-57.471	2.17
38	MP4A	My	-.013	2.17
39	MP4A	Mz	-.036	2.17
40	MP4A	Y	-57.471	4.17
41	MP4A	My	-.013	4.17
42	MP4A	Mz	-.036	4.17
43	MP4B	Y	-57.471	2.17
44	MP4B	My	.033	2.17
45	MP4B	Mz	-.019	2.17
46	MP4B	Y	-57.471	4.17
47	MP4B	My	.033	4.17
48	MP4B	Mz	-.019	4.17
49	MP4C	Y	-57.471	2.17
50	MP4C	My	.025	2.17
51	MP4C	Mz	.029	2.17
52	MP4C	Y	-57.471	4.17
53	MP4C	My	.025	4.17
54	MP4C	Mz	.029	4.17
55	MP2A	Y	-72.906	4
56	MP2A	My	.036	4
57	MP2A	Mz	0	4
58	MP2B	Y	-72.906	4
59	MP2B	My	0	4
60	MP2B	Mz	.036	4
61	MP2C	Y	-72.906	4
62	MP2C	My	-.036	4
63	MP2C	Mz	0	4
64	MP3A	Y	-65.835	4
65	MP3A	My	.033	4
66	MP3A	Mz	0	4
67	MP3B	Y	-65.835	4
68	MP3B	My	0	4
69	MP3B	Mz	.033	4
70	MP3C	Y	-65.835	4
71	MP3C	My	-.033	4
72	MP3C	Mz	0	4
73	MP1A	Y	-83.693	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP1A	My	-.035	1.17
75	MP1A	Mz	-.095	1.17
76	MP1A	Y	-83.693	5.17
77	MP1A	My	-.035	5.17
78	MP1A	Mz	-.095	5.17
79	MP1B	Y	-83.693	1.17
80	MP1B	My	.066	1.17
81	MP1B	Mz	-.038	1.17
82	MP1B	Y	-83.693	5.17
83	MP1B	My	.066	5.17
84	MP1B	Mz	-.038	5.17
85	MP1C	Y	-83.693	1.17
86	MP1C	My	.049	1.17
87	MP1C	Mz	.059	1.17
88	MP1C	Y	-83.693	5.17
89	MP1C	My	.049	5.17
90	MP1C	Mz	.059	5.17
91	M77	Y	6.6	6.25
92	M77	My	-.001	6.25
93	M77	Mz	.000825	6.25
94	M77	Y	6.6	6.25
95	M77	My	.001	6.25
96	M77	Mz	-.000825	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.17
2	MP2A	Z	-79.523	1.17
3	MP2A	Mx	.032	1.17
4	MP2A	X	0	5.17
5	MP2A	Z	-79.523	5.17
6	MP2A	Mx	.032	5.17
7	MP2B	X	0	1.17
8	MP2B	Z	-95.805	1.17
9	MP2B	Mx	.087	1.17
10	MP2B	X	0	5.17
11	MP2B	Z	-95.805	5.17
12	MP2B	Mx	.087	5.17
13	MP2C	X	0	1.17
14	MP2C	Z	-87.142	1.17
15	MP2C	Mx	-.007	1.17
16	MP2C	X	0	5.17
17	MP2C	Z	-87.142	5.17
18	MP2C	Mx	-.007	5.17
19	MP2A	X	0	1.17
20	MP2A	Z	-79.523	1.17
21	MP2A	Mx	.068	1.17
22	MP2A	X	0	5.17
23	MP2A	Z	-79.523	5.17
24	MP2A	Mx	.068	5.17
25	MP2B	X	0	1.17
26	MP2B	Z	-95.805	1.17
27	MP2B	Mx	-.023	1.17
28	MP2B	X	0	5.17
29	MP2B	Z	-95.805	5.17
30	MP2B	Mx	-.023	5.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP2C	X	0	1.17
32	MP2C	Z	-87.142	1.17
33	MP2C	Mx	-.082	1.17
34	MP2C	X	0	5.17
35	MP2C	Z	-87.142	5.17
36	MP2C	Mx	-.082	5.17
37	MP4A	X	0	2.17
38	MP4A	Z	-47.002	2.17
39	MP4A	Mx	.029	2.17
40	MP4A	X	0	4.17
41	MP4A	Z	-47.002	4.17
42	MP4A	Mx	.029	4.17
43	MP4B	X	0	2.17
44	MP4B	Z	-86.133	2.17
45	MP4B	Mx	.029	2.17
46	MP4B	X	0	4.17
47	MP4B	Z	-86.133	4.17
48	MP4B	Mx	.029	4.17
49	MP4C	X	0	2.17
50	MP4C	Z	-65.312	2.17
51	MP4C	Mx	-.033	2.17
52	MP4C	X	0	4.17
53	MP4C	Z	-65.312	4.17
54	MP4C	Mx	-.033	4.17
55	MP2A	X	0	4
56	MP2A	Z	-66.738	4
57	MP2A	Mx	0	4
58	MP2B	X	0	4
59	MP2B	Z	-44.779	4
60	MP2B	Mx	-.022	4
61	MP2C	X	0	4
62	MP2C	Z	-66.738	4
63	MP2C	Mx	0	4
64	MP3A	X	0	4
65	MP3A	Z	-66.738	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	-36.598	4
69	MP3B	Mx	-.018	4
70	MP3C	X	0	4
71	MP3C	Z	-66.738	4
72	MP3C	Mx	0	4
73	MP1A	X	0	1.17
74	MP1A	Z	-98.501	1.17
75	MP1A	Mx	.112	1.17
76	MP1A	X	0	5.17
77	MP1A	Z	-98.501	5.17
78	MP1A	Mx	.112	5.17
79	MP1B	X	0	1.17
80	MP1B	Z	-145.184	1.17
81	MP1B	Mx	.067	1.17
82	MP1B	X	0	5.17
83	MP1B	Z	-145.184	5.17
84	MP1B	Mx	.067	5.17
85	MP1C	X	0	1.17
86	MP1C	Z	-120.344	1.17
87	MP1C	Mx	-.085	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
88	MP1C	X	0	5.17
89	MP1C	Z	-120.344	5.17
90	MP1C	Mx	-.085	5.17
91	M77	X	0	6.25
92	M77	Z	-34.135	6.25
93	M77	Mx	.004	6.25
94	M77	X	0	6.25
95	M77	Z	-34.135	6.25
96	M77	Mx	-.004	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	45.804	1.17
2	MP2A	Z	-79.335	1.17
3	MP2A	Mx	-.008	1.17
4	MP2A	X	45.804	5.17
5	MP2A	Z	-79.335	5.17
6	MP2A	Mx	-.008	5.17
7	MP2B	X	41.472	1.17
8	MP2B	Z	-71.832	1.17
9	MP2B	Mx	.076	1.17
10	MP2B	X	41.472	5.17
11	MP2B	Z	-71.832	5.17
12	MP2B	Mx	.076	5.17
13	MP2C	X	49.613	1.17
14	MP2C	Z	-85.933	1.17
15	MP2C	Mx	.04	1.17
16	MP2C	X	49.613	5.17
17	MP2C	Z	-85.933	5.17
18	MP2C	Mx	.04	5.17
19	MP2A	X	45.804	1.17
20	MP2A	Z	-79.335	1.17
21	MP2A	Mx	.086	1.17
22	MP2A	X	45.804	5.17
23	MP2A	Z	-79.335	5.17
24	MP2A	Mx	.086	5.17
25	MP2B	X	41.472	1.17
26	MP2B	Z	-71.832	1.17
27	MP2B	Mx	.02	1.17
28	MP2B	X	41.472	5.17
29	MP2B	Z	-71.832	5.17
30	MP2B	Mx	.02	5.17
31	MP2C	X	49.613	1.17
32	MP2C	Z	-85.933	1.17
33	MP2C	Mx	-.085	1.17
34	MP2C	X	49.613	5.17
35	MP2C	Z	-85.933	5.17
36	MP2C	Mx	-.085	5.17
37	MP4A	X	38.023	2.17
38	MP4A	Z	-65.858	2.17
39	MP4A	Mx	.033	2.17
40	MP4A	X	38.023	4.17
41	MP4A	Z	-65.858	4.17
42	MP4A	Mx	.033	4.17
43	MP4B	X	27.613	2.17
44	MP4B	Z	-47.826	2.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
45	MP4B	Mx	.032	2.17
46	MP4B	X	27.613	4.17
47	MP4B	Z	-47.826	4.17
48	MP4B	Mx	.032	4.17
49	MP4C	X	47.178	2.17
50	MP4C	Z	-81.715	2.17
51	MP4C	Mx	-.022	2.17
52	MP4C	X	47.178	4.17
53	MP4C	Z	-81.715	4.17
54	MP4C	Mx	-.022	4.17
55	MP2A	X	30.624	4
56	MP2A	Z	-53.042	4
57	MP2A	Mx	.015	4
58	MP2B	X	25.134	4
59	MP2B	Z	-43.534	4
60	MP2B	Mx	-.022	4
61	MP2C	X	30.624	4
62	MP2C	Z	-53.042	4
63	MP2C	Mx	-.015	4
64	MP3A	X	29.601	4
65	MP3A	Z	-51.271	4
66	MP3A	Mx	.015	4
67	MP3B	X	22.067	4
68	MP3B	Z	-38.22	4
69	MP3B	Mx	-.019	4
70	MP3C	X	29.601	4
71	MP3C	Z	-51.271	4
72	MP3C	Mx	-.015	4
73	MP1A	X	66.575	1.17
74	MP1A	Z	-115.311	1.17
75	MP1A	Mx	.103	1.17
76	MP1A	X	66.575	5.17
77	MP1A	Z	-115.311	5.17
78	MP1A	Mx	.103	5.17
79	MP1B	X	54.155	1.17
80	MP1B	Z	-93.8	1.17
81	MP1B	Mx	.086	1.17
82	MP1B	X	54.155	5.17
83	MP1B	Z	-93.8	5.17
84	MP1B	Mx	.086	5.17
85	MP1C	X	77.497	1.17
86	MP1C	Z	-134.228	1.17
87	MP1C	Mx	-.049	1.17
88	MP1C	X	77.497	5.17
89	MP1C	Z	-134.228	5.17
90	MP1C	Mx	-.049	5.17
91	M77	X	9.868	6.25
92	M77	Z	-17.092	6.25
93	M77	Mx	.004	6.25
94	M77	X	9.868	6.25
95	M77	Z	-17.092	6.25
96	M77	Mx	-.004	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	87.867	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
2	MP2A	Z	-50.73	1.17
3	MP2A	Mx	-.055	1.17
4	MP2A	X	87.867	5.17
5	MP2A	Z	-50.73	5.17
6	MP2A	Mx	-.055	5.17
7	MP2B	X	66.264	1.17
8	MP2B	Z	-38.257	1.17
9	MP2B	Mx	.051	1.17
10	MP2B	X	66.264	5.17
11	MP2B	Z	-38.257	5.17
12	MP2B	Mx	.051	5.17
13	MP2C	X	87.867	1.17
14	MP2C	Z	-50.73	1.17
15	MP2C	Mx	.078	1.17
16	MP2C	X	87.867	5.17
17	MP2C	Z	-50.73	5.17
18	MP2C	Mx	.078	5.17
19	MP2A	X	87.867	1.17
20	MP2A	Z	-50.73	1.17
21	MP2A	Mx	.078	1.17
22	MP2A	X	87.867	5.17
23	MP2A	Z	-50.73	5.17
24	MP2A	Mx	.078	5.17
25	MP2B	X	66.264	1.17
26	MP2B	Z	-38.257	1.17
27	MP2B	Mx	.051	1.17
28	MP2B	X	66.264	5.17
29	MP2B	Z	-38.257	5.17
30	MP2B	Mx	.051	5.17
31	MP2C	X	87.867	1.17
32	MP2C	Z	-50.73	1.17
33	MP2C	Mx	-.055	1.17
34	MP2C	X	87.867	5.17
35	MP2C	Z	-50.73	5.17
36	MP2C	Mx	-.055	5.17
37	MP4A	X	86.363	2.17
38	MP4A	Z	-49.862	2.17
39	MP4A	Mx	.012	2.17
40	MP4A	X	86.363	4.17
41	MP4A	Z	-49.862	4.17
42	MP4A	Mx	.012	4.17
43	MP4B	X	34.443	2.17
44	MP4B	Z	-19.886	2.17
45	MP4B	Mx	.027	2.17
46	MP4B	X	34.443	4.17
47	MP4B	Z	-19.886	4.17
48	MP4B	Mx	.027	4.17
49	MP4C	X	86.363	2.17
50	MP4C	Z	-49.862	2.17
51	MP4C	Mx	.012	2.17
52	MP4C	X	86.363	4.17
53	MP4C	Z	-49.862	4.17
54	MP4C	Mx	.012	4.17
55	MP2A	X	43.534	4
56	MP2A	Z	-25.134	4
57	MP2A	Mx	.022	4
58	MP2B	X	53.042	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
59	MP2B	Z	-30.624	4
60	MP2B	Mx	-.015	4
61	MP2C	X	43.534	4
62	MP2C	Z	-25.134	4
63	MP2C	Mx	-.022	4
64	MP3A	X	38.22	4
65	MP3A	Z	-22.067	4
66	MP3A	Mx	.019	4
67	MP3B	X	51.271	4
68	MP3B	Z	-29.601	4
69	MP3B	Mx	-.015	4
70	MP3C	X	38.22	4
71	MP3C	Z	-22.067	4
72	MP3C	Mx	-.019	4
73	MP1A	X	139.773	1.17
74	MP1A	Z	-80.698	1.17
75	MP1A	Mx	.034	1.17
76	MP1A	X	139.773	5.17
77	MP1A	Z	-80.698	5.17
78	MP1A	Mx	.034	5.17
79	MP1B	X	77.834	1.17
80	MP1B	Z	-44.937	1.17
81	MP1B	Mx	.082	1.17
82	MP1B	X	77.834	5.17
83	MP1B	Z	-44.937	5.17
84	MP1B	Mx	.082	5.17
85	MP1C	X	139.773	1.17
86	MP1C	Z	-80.698	1.17
87	MP1C	Mx	.026	1.17
88	MP1C	X	139.773	5.17
89	MP1C	Z	-80.698	5.17
90	MP1C	Mx	.026	5.17
91	M77	X	10.857	6.25
92	M77	Z	-6.268	6.25
93	M77	Mx	.003	6.25
94	M77	X	10.857	6.25
95	M77	Z	-6.268	6.25
96	M77	Mx	-.003	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	99.227	1.17
2	MP2A	Z	0	1.17
3	MP2A	Mx	-.085	1.17
4	MP2A	X	99.227	5.17
5	MP2A	Z	0	5.17
6	MP2A	Mx	-.085	5.17
7	MP2B	X	82.945	1.17
8	MP2B	Z	0	1.17
9	MP2B	Mx	.02	1.17
10	MP2B	X	82.945	5.17
11	MP2B	Z	0	5.17
12	MP2B	Mx	.02	5.17
13	MP2C	X	91.608	1.17
14	MP2C	Z	0	1.17
15	MP2C	Mx	.086	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
16	MP2C	X	91.608	5.17
17	MP2C	Z	0	5.17
18	MP2C	Mx	.086	5.17
19	MP2A	X	99.227	1.17
20	MP2A	Z	0	1.17
21	MP2A	Mx	.04	1.17
22	MP2A	X	99.227	5.17
23	MP2A	Z	0	5.17
24	MP2A	Mx	.04	5.17
25	MP2B	X	82.945	1.17
26	MP2B	Z	0	1.17
27	MP2B	Mx	.076	1.17
28	MP2B	X	82.945	5.17
29	MP2B	Z	0	5.17
30	MP2B	Mx	.076	5.17
31	MP2C	X	91.608	1.17
32	MP2C	Z	0	1.17
33	MP2C	Mx	-.008	1.17
34	MP2C	X	91.608	5.17
35	MP2C	Z	0	5.17
36	MP2C	Mx	-.008	5.17
37	MP4A	X	94.356	2.17
38	MP4A	Z	0	2.17
39	MP4A	Mx	-.022	2.17
40	MP4A	X	94.356	4.17
41	MP4A	Z	0	4.17
42	MP4A	Mx	-.022	4.17
43	MP4B	X	55.225	2.17
44	MP4B	Z	0	2.17
45	MP4B	Mx	.032	2.17
46	MP4B	X	55.225	4.17
47	MP4B	Z	0	4.17
48	MP4B	Mx	.032	4.17
49	MP4C	X	76.046	2.17
50	MP4C	Z	0	2.17
51	MP4C	Mx	.033	2.17
52	MP4C	X	76.046	4.17
53	MP4C	Z	0	4.17
54	MP4C	Mx	.033	4.17
55	MP2A	X	44.779	4
56	MP2A	Z	0	4
57	MP2A	Mx	.022	4
58	MP2B	X	66.738	4
59	MP2B	Z	0	4
60	MP2B	Mx	0	4
61	MP2C	X	44.779	4
62	MP2C	Z	0	4
63	MP2C	Mx	-.022	4
64	MP3A	X	36.598	4
65	MP3A	Z	0	4
66	MP3A	Mx	.018	4
67	MP3B	X	66.738	4
68	MP3B	Z	0	4
69	MP3B	Mx	0	4
70	MP3C	X	36.598	4
71	MP3C	Z	0	4
72	MP3C	Mx	-.018	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
73	MP1A	X	154.994	1.17
74	MP1A	Z	0	1.17
75	MP1A	Mx	-.064	1.17
76	MP1A	X	154.994	5.17
77	MP1A	Z	0	5.17
78	MP1A	Mx	-.064	5.17
79	MP1B	X	108.311	1.17
80	MP1B	Z	0	1.17
81	MP1B	Mx	.086	1.17
82	MP1B	X	108.311	5.17
83	MP1B	Z	0	5.17
84	MP1B	Mx	.086	5.17
85	MP1C	X	133.15	1.17
86	MP1C	Z	0	1.17
87	MP1C	Mx	.078	1.17
88	MP1C	X	133.15	5.17
89	MP1C	Z	0	5.17
90	MP1C	Mx	.078	5.17
91	M77	X	19.736	6.25
92	M77	Z	0	6.25
93	M77	Mx	.004	6.25
94	M77	X	19.736	6.25
95	M77	Z	0	6.25
96	M77	Mx	-.004	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	75.467	1.17
2	MP2A	Z	43.571	1.17
3	MP2A	Mx	-.082	1.17
4	MP2A	X	75.467	5.17
5	MP2A	Z	43.571	5.17
6	MP2A	Mx	-.082	5.17
7	MP2B	X	82.97	1.17
8	MP2B	Z	47.903	1.17
9	MP2B	Mx	-.023	1.17
10	MP2B	X	82.97	5.17
11	MP2B	Z	47.903	5.17
12	MP2B	Mx	-.023	5.17
13	MP2C	X	68.869	1.17
14	MP2C	Z	39.762	1.17
15	MP2C	Mx	.068	1.17
16	MP2C	X	68.869	5.17
17	MP2C	Z	39.762	5.17
18	MP2C	Mx	.068	5.17
19	MP2A	X	75.467	1.17
20	MP2A	Z	43.571	1.17
21	MP2A	Mx	-.007	1.17
22	MP2A	X	75.467	5.17
23	MP2A	Z	43.571	5.17
24	MP2A	Mx	-.007	5.17
25	MP2B	X	82.97	1.17
26	MP2B	Z	47.903	1.17
27	MP2B	Mx	.087	1.17
28	MP2B	X	82.97	5.17
29	MP2B	Z	47.903	5.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
30	MP2B	Mx	.087	5.17
31	MP2C	X	68.869	1.17
32	MP2C	Z	39.762	1.17
33	MP2C	Mx	.032	1.17
34	MP2C	X	68.869	5.17
35	MP2C	Z	39.762	5.17
36	MP2C	Mx	.032	5.17
37	MP4A	X	56.562	2.17
38	MP4A	Z	32.656	2.17
39	MP4A	Mx	-.033	2.17
40	MP4A	X	56.562	4.17
41	MP4A	Z	32.656	4.17
42	MP4A	Mx	-.033	4.17
43	MP4B	X	74.593	2.17
44	MP4B	Z	43.067	2.17
45	MP4B	Mx	.029	2.17
46	MP4B	X	74.593	4.17
47	MP4B	Z	43.067	4.17
48	MP4B	Mx	.029	4.17
49	MP4C	X	40.705	2.17
50	MP4C	Z	23.501	2.17
51	MP4C	Mx	.029	2.17
52	MP4C	X	40.705	4.17
53	MP4C	Z	23.501	4.17
54	MP4C	Mx	.029	4.17
55	MP2A	X	43.534	4
56	MP2A	Z	25.134	4
57	MP2A	Mx	.022	4
58	MP2B	X	53.042	4
59	MP2B	Z	30.624	4
60	MP2B	Mx	.015	4
61	MP2C	X	43.534	4
62	MP2C	Z	25.134	4
63	MP2C	Mx	-.022	4
64	MP3A	X	38.22	4
65	MP3A	Z	22.067	4
66	MP3A	Mx	.019	4
67	MP3B	X	51.271	4
68	MP3B	Z	29.601	4
69	MP3B	Mx	.015	4
70	MP3C	X	38.22	4
71	MP3C	Z	22.067	4
72	MP3C	Mx	-.019	4
73	MP1A	X	104.221	1.17
74	MP1A	Z	60.172	1.17
75	MP1A	Mx	-.111	1.17
76	MP1A	X	104.221	5.17
77	MP1A	Z	60.172	5.17
78	MP1A	Mx	-.111	5.17
79	MP1B	X	125.733	1.17
80	MP1B	Z	72.592	1.17
81	MP1B	Mx	.067	1.17
82	MP1B	X	125.733	5.17
83	MP1B	Z	72.592	5.17
84	MP1B	Mx	.067	5.17
85	MP1C	X	85.304	1.17
86	MP1C	Z	49.25	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
87	MP1C	Mx	.085	1.17
88	MP1C	X	85.304	5.17
89	MP1C	Z	49.25	5.17
90	MP1C	Mx	.085	5.17
91	M77	X	29.562	6.25
92	M77	Z	17.068	6.25
93	M77	Mx	.004	6.25
94	M77	X	29.562	6.25
95	M77	Z	17.068	6.25
96	M77	Mx	-.004	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	38.645	1.17
2	MP2A	Z	66.935	1.17
3	MP2A	Mx	-.06	1.17
4	MP2A	X	38.645	5.17
5	MP2A	Z	66.935	5.17
6	MP2A	Mx	-.06	5.17
7	MP2B	X	51.118	1.17
8	MP2B	Z	88.539	1.17
9	MP2B	Mx	-.068	1.17
10	MP2B	X	51.118	5.17
11	MP2B	Z	88.539	5.17
12	MP2B	Mx	-.068	5.17
13	MP2C	X	38.645	1.17
14	MP2C	Z	66.935	1.17
15	MP2C	Mx	.042	1.17
16	MP2C	X	38.645	5.17
17	MP2C	Z	66.935	5.17
18	MP2C	Mx	.042	5.17
19	MP2A	X	38.645	1.17
20	MP2A	Z	66.935	1.17
21	MP2A	Mx	-.042	1.17
22	MP2A	X	38.645	5.17
23	MP2A	Z	66.935	5.17
24	MP2A	Mx	-.042	5.17
25	MP2B	X	51.118	1.17
26	MP2B	Z	88.539	1.17
27	MP2B	Mx	.068	1.17
28	MP2B	X	51.118	5.17
29	MP2B	Z	88.539	5.17
30	MP2B	Mx	.068	5.17
31	MP2C	X	38.645	1.17
32	MP2C	Z	66.935	1.17
33	MP2C	Mx	.06	1.17
34	MP2C	X	38.645	5.17
35	MP2C	Z	66.935	5.17
36	MP2C	Mx	.06	5.17
37	MP4A	X	20.818	2.17
38	MP4A	Z	36.057	2.17
39	MP4A	Mx	-.027	2.17
40	MP4A	X	20.818	4.17
41	MP4A	Z	36.057	4.17
42	MP4A	Mx	-.027	4.17
43	MP4B	X	50.794	2.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
44	MP4B	Z	87.977	2.17
45	MP4B	Mx	0	2.17
46	MP4B	X	50.794	4.17
47	MP4B	Z	87.977	4.17
48	MP4B	Mx	0	4.17
49	MP4C	X	20.818	2.17
50	MP4C	Z	36.057	2.17
51	MP4C	Mx	.027	2.17
52	MP4C	X	20.818	4.17
53	MP4C	Z	36.057	4.17
54	MP4C	Mx	.027	4.17
55	MP2A	X	30.624	4
56	MP2A	Z	53.042	4
57	MP2A	Mx	.015	4
58	MP2B	X	25.134	4
59	MP2B	Z	43.534	4
60	MP2B	Mx	.022	4
61	MP2C	X	30.624	4
62	MP2C	Z	53.042	4
63	MP2C	Mx	-.015	4
64	MP3A	X	29.601	4
65	MP3A	Z	51.271	4
66	MP3A	Mx	.015	4
67	MP3B	X	22.067	4
68	MP3B	Z	38.22	4
69	MP3B	Mx	.019	4
70	MP3C	X	29.601	4
71	MP3C	Z	51.271	4
72	MP3C	Mx	-.015	4
73	MP1A	X	46.049	1.17
74	MP1A	Z	79.759	1.17
75	MP1A	Mx	-.11	1.17
76	MP1A	X	46.049	5.17
77	MP1A	Z	79.759	5.17
78	MP1A	Mx	-.11	5.17
79	MP1B	X	81.81	1.17
80	MP1B	Z	141.699	1.17
81	MP1B	Mx	0	1.17
82	MP1B	X	81.81	5.17
83	MP1B	Z	141.699	5.17
84	MP1B	Mx	0	5.17
85	MP1C	X	46.049	1.17
86	MP1C	Z	79.759	1.17
87	MP1C	Mx	.083	1.17
88	MP1C	X	46.049	5.17
89	MP1C	Z	79.759	5.17
90	MP1C	Mx	.083	5.17
91	M77	X	20.667	6.25
92	M77	Z	35.797	6.25
93	M77	Mx	0	6.25
94	M77	X	20.667	6.25
95	M77	Z	35.797	6.25
96	M77	Mx	0	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
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Member Point Loads (BLC 9 : Antenna Wo (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.17
2	MP2A	Z	79.523	1.17
3	MP2A	Mx	-.032	1.17
4	MP2A	X	0	5.17
5	MP2A	Z	79.523	5.17
6	MP2A	Mx	-.032	5.17
7	MP2B	X	0	1.17
8	MP2B	Z	95.805	1.17
9	MP2B	Mx	-.087	1.17
10	MP2B	X	0	5.17
11	MP2B	Z	95.805	5.17
12	MP2B	Mx	-.087	5.17
13	MP2C	X	0	1.17
14	MP2C	Z	87.142	1.17
15	MP2C	Mx	.007	1.17
16	MP2C	X	0	5.17
17	MP2C	Z	87.142	5.17
18	MP2C	Mx	.007	5.17
19	MP2A	X	0	1.17
20	MP2A	Z	79.523	1.17
21	MP2A	Mx	-.068	1.17
22	MP2A	X	0	5.17
23	MP2A	Z	79.523	5.17
24	MP2A	Mx	-.068	5.17
25	MP2B	X	0	1.17
26	MP2B	Z	95.805	1.17
27	MP2B	Mx	.023	1.17
28	MP2B	X	0	5.17
29	MP2B	Z	95.805	5.17
30	MP2B	Mx	.023	5.17
31	MP2C	X	0	1.17
32	MP2C	Z	87.142	1.17
33	MP2C	Mx	.082	1.17
34	MP2C	X	0	5.17
35	MP2C	Z	87.142	5.17
36	MP2C	Mx	.082	5.17
37	MP4A	X	0	2.17
38	MP4A	Z	47.002	2.17
39	MP4A	Mx	-.029	2.17
40	MP4A	X	0	4.17
41	MP4A	Z	47.002	4.17
42	MP4A	Mx	-.029	4.17
43	MP4B	X	0	2.17
44	MP4B	Z	86.133	2.17
45	MP4B	Mx	-.029	2.17
46	MP4B	X	0	4.17
47	MP4B	Z	86.133	4.17
48	MP4B	Mx	-.029	4.17
49	MP4C	X	0	2.17
50	MP4C	Z	65.312	2.17
51	MP4C	Mx	.033	2.17
52	MP4C	X	0	4.17
53	MP4C	Z	65.312	4.17
54	MP4C	Mx	.033	4.17
55	MP2A	X	0	4
56	MP2A	Z	66.738	4
57	MP2A	Mx	0	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	0	4
59	MP2B	Z	44.779	4
60	MP2B	Mx	.022	4
61	MP2C	X	0	4
62	MP2C	Z	66.738	4
63	MP2C	Mx	0	4
64	MP3A	X	0	4
65	MP3A	Z	66.738	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	36.598	4
69	MP3B	Mx	.018	4
70	MP3C	X	0	4
71	MP3C	Z	66.738	4
72	MP3C	Mx	0	4
73	MP1A	X	0	1.17
74	MP1A	Z	98.501	1.17
75	MP1A	Mx	-.112	1.17
76	MP1A	X	0	5.17
77	MP1A	Z	98.501	5.17
78	MP1A	Mx	-.112	5.17
79	MP1B	X	0	1.17
80	MP1B	Z	145.184	1.17
81	MP1B	Mx	-.067	1.17
82	MP1B	X	0	5.17
83	MP1B	Z	145.184	5.17
84	MP1B	Mx	-.067	5.17
85	MP1C	X	0	1.17
86	MP1C	Z	120.344	1.17
87	MP1C	Mx	.085	1.17
88	MP1C	X	0	5.17
89	MP1C	Z	120.344	5.17
90	MP1C	Mx	.085	5.17
91	M77	X	0	6.25
92	M77	Z	34.135	6.25
93	M77	Mx	-.004	6.25
94	M77	X	0	6.25
95	M77	Z	34.135	6.25
96	M77	Mx	.004	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-45.804	1.17
2	MP2A	Z	79.335	1.17
3	MP2A	Mx	.008	1.17
4	MP2A	X	-45.804	5.17
5	MP2A	Z	79.335	5.17
6	MP2A	Mx	.008	5.17
7	MP2B	X	-41.472	1.17
8	MP2B	Z	71.832	1.17
9	MP2B	Mx	-.076	1.17
10	MP2B	X	-41.472	5.17
11	MP2B	Z	71.832	5.17
12	MP2B	Mx	-.076	5.17
13	MP2C	X	-49.613	1.17
14	MP2C	Z	85.933	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP2C	Mx	-.04	1.17
16	MP2C	X	-49.613	5.17
17	MP2C	Z	85.933	5.17
18	MP2C	Mx	-.04	5.17
19	MP2A	X	-45.804	1.17
20	MP2A	Z	79.335	1.17
21	MP2A	Mx	-.086	1.17
22	MP2A	X	-45.804	5.17
23	MP2A	Z	79.335	5.17
24	MP2A	Mx	-.086	5.17
25	MP2B	X	-41.472	1.17
26	MP2B	Z	71.832	1.17
27	MP2B	Mx	-.02	1.17
28	MP2B	X	-41.472	5.17
29	MP2B	Z	71.832	5.17
30	MP2B	Mx	-.02	5.17
31	MP2C	X	-49.613	1.17
32	MP2C	Z	85.933	1.17
33	MP2C	Mx	.085	1.17
34	MP2C	X	-49.613	5.17
35	MP2C	Z	85.933	5.17
36	MP2C	Mx	.085	5.17
37	MP4A	X	-38.023	2.17
38	MP4A	Z	65.858	2.17
39	MP4A	Mx	-.033	2.17
40	MP4A	X	-38.023	4.17
41	MP4A	Z	65.858	4.17
42	MP4A	Mx	-.033	4.17
43	MP4B	X	-27.613	2.17
44	MP4B	Z	47.826	2.17
45	MP4B	Mx	-.032	2.17
46	MP4B	X	-27.613	4.17
47	MP4B	Z	47.826	4.17
48	MP4B	Mx	-.032	4.17
49	MP4C	X	-47.178	2.17
50	MP4C	Z	81.715	2.17
51	MP4C	Mx	.022	2.17
52	MP4C	X	-47.178	4.17
53	MP4C	Z	81.715	4.17
54	MP4C	Mx	.022	4.17
55	MP2A	X	-30.624	4
56	MP2A	Z	53.042	4
57	MP2A	Mx	-.015	4
58	MP2B	X	-25.134	4
59	MP2B	Z	43.534	4
60	MP2B	Mx	.022	4
61	MP2C	X	-30.624	4
62	MP2C	Z	53.042	4
63	MP2C	Mx	.015	4
64	MP3A	X	-29.601	4
65	MP3A	Z	51.271	4
66	MP3A	Mx	-.015	4
67	MP3B	X	-22.067	4
68	MP3B	Z	38.22	4
69	MP3B	Mx	.019	4
70	MP3C	X	-29.601	4
71	MP3C	Z	51.271	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP3C	Mx	.015	4
73	MP1A	X	-66.575	1.17
74	MP1A	Z	115.311	1.17
75	MP1A	Mx	-.103	1.17
76	MP1A	X	-66.575	5.17
77	MP1A	Z	115.311	5.17
78	MP1A	Mx	-.103	5.17
79	MP1B	X	-54.155	1.17
80	MP1B	Z	93.8	1.17
81	MP1B	Mx	-.086	1.17
82	MP1B	X	-54.155	5.17
83	MP1B	Z	93.8	5.17
84	MP1B	Mx	-.086	5.17
85	MP1C	X	-77.497	1.17
86	MP1C	Z	134.228	1.17
87	MP1C	Mx	.049	1.17
88	MP1C	X	-77.497	5.17
89	MP1C	Z	134.228	5.17
90	MP1C	Mx	.049	5.17
91	M77	X	-9.868	6.25
92	M77	Z	17.092	6.25
93	M77	Mx	-.004	6.25
94	M77	X	-9.868	6.25
95	M77	Z	17.092	6.25
96	M77	Mx	.004	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-87.867	1.17
2	MP2A	Z	50.73	1.17
3	MP2A	Mx	.055	1.17
4	MP2A	X	-87.867	5.17
5	MP2A	Z	50.73	5.17
6	MP2A	Mx	.055	5.17
7	MP2B	X	-66.264	1.17
8	MP2B	Z	38.257	1.17
9	MP2B	Mx	-.051	1.17
10	MP2B	X	-66.264	5.17
11	MP2B	Z	38.257	5.17
12	MP2B	Mx	-.051	5.17
13	MP2C	X	-87.867	1.17
14	MP2C	Z	50.73	1.17
15	MP2C	Mx	-.078	1.17
16	MP2C	X	-87.867	5.17
17	MP2C	Z	50.73	5.17
18	MP2C	Mx	-.078	5.17
19	MP2A	X	-87.867	1.17
20	MP2A	Z	50.73	1.17
21	MP2A	Mx	-.078	1.17
22	MP2A	X	-87.867	5.17
23	MP2A	Z	50.73	5.17
24	MP2A	Mx	-.078	5.17
25	MP2B	X	-66.264	1.17
26	MP2B	Z	38.257	1.17
27	MP2B	Mx	-.051	1.17
28	MP2B	X	-66.264	5.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	38.257	5.17
30	MP2B	Mx	-.051	5.17
31	MP2C	X	-87.867	1.17
32	MP2C	Z	50.73	1.17
33	MP2C	Mx	.055	1.17
34	MP2C	X	-87.867	5.17
35	MP2C	Z	50.73	5.17
36	MP2C	Mx	.055	5.17
37	MP4A	X	-86.363	2.17
38	MP4A	Z	49.862	2.17
39	MP4A	Mx	-.012	2.17
40	MP4A	X	-86.363	4.17
41	MP4A	Z	49.862	4.17
42	MP4A	Mx	-.012	4.17
43	MP4B	X	-34.443	2.17
44	MP4B	Z	19.886	2.17
45	MP4B	Mx	-.027	2.17
46	MP4B	X	-34.443	4.17
47	MP4B	Z	19.886	4.17
48	MP4B	Mx	-.027	4.17
49	MP4C	X	-86.363	2.17
50	MP4C	Z	49.862	2.17
51	MP4C	Mx	-.012	2.17
52	MP4C	X	-86.363	4.17
53	MP4C	Z	49.862	4.17
54	MP4C	Mx	-.012	4.17
55	MP2A	X	-43.534	4
56	MP2A	Z	25.134	4
57	MP2A	Mx	-.022	4
58	MP2B	X	-53.042	4
59	MP2B	Z	30.624	4
60	MP2B	Mx	.015	4
61	MP2C	X	-43.534	4
62	MP2C	Z	25.134	4
63	MP2C	Mx	.022	4
64	MP3A	X	-38.22	4
65	MP3A	Z	22.067	4
66	MP3A	Mx	-.019	4
67	MP3B	X	-51.271	4
68	MP3B	Z	29.601	4
69	MP3B	Mx	.015	4
70	MP3C	X	-38.22	4
71	MP3C	Z	22.067	4
72	MP3C	Mx	.019	4
73	MP1A	X	-139.773	1.17
74	MP1A	Z	80.698	1.17
75	MP1A	Mx	-.034	1.17
76	MP1A	X	-139.773	5.17
77	MP1A	Z	80.698	5.17
78	MP1A	Mx	-.034	5.17
79	MP1B	X	-77.834	1.17
80	MP1B	Z	44.937	1.17
81	MP1B	Mx	-.082	1.17
82	MP1B	X	-77.834	5.17
83	MP1B	Z	44.937	5.17
84	MP1B	Mx	-.082	5.17
85	MP1C	X	-139.773	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
86	MP1C	Z	80.698	1.17
87	MP1C	Mx	-.026	1.17
88	MP1C	X	-139.773	5.17
89	MP1C	Z	80.698	5.17
90	MP1C	Mx	-.026	5.17
91	M77	X	-10.857	6.25
92	M77	Z	6.268	6.25
93	M77	Mx	-.003	6.25
94	M77	X	-10.857	6.25
95	M77	Z	6.268	6.25
96	M77	Mx	.003	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-99.227	1.17
2	MP2A	Z	0	1.17
3	MP2A	Mx	.085	1.17
4	MP2A	X	-99.227	5.17
5	MP2A	Z	0	5.17
6	MP2A	Mx	.085	5.17
7	MP2B	X	-82.945	1.17
8	MP2B	Z	0	1.17
9	MP2B	Mx	-.02	1.17
10	MP2B	X	-82.945	5.17
11	MP2B	Z	0	5.17
12	MP2B	Mx	-.02	5.17
13	MP2C	X	-91.608	1.17
14	MP2C	Z	0	1.17
15	MP2C	Mx	-.086	1.17
16	MP2C	X	-91.608	5.17
17	MP2C	Z	0	5.17
18	MP2C	Mx	-.086	5.17
19	MP2A	X	-99.227	1.17
20	MP2A	Z	0	1.17
21	MP2A	Mx	-.04	1.17
22	MP2A	X	-99.227	5.17
23	MP2A	Z	0	5.17
24	MP2A	Mx	-.04	5.17
25	MP2B	X	-82.945	1.17
26	MP2B	Z	0	1.17
27	MP2B	Mx	-.076	1.17
28	MP2B	X	-82.945	5.17
29	MP2B	Z	0	5.17
30	MP2B	Mx	-.076	5.17
31	MP2C	X	-91.608	1.17
32	MP2C	Z	0	1.17
33	MP2C	Mx	.008	1.17
34	MP2C	X	-91.608	5.17
35	MP2C	Z	0	5.17
36	MP2C	Mx	.008	5.17
37	MP4A	X	-94.356	2.17
38	MP4A	Z	0	2.17
39	MP4A	Mx	.022	2.17
40	MP4A	X	-94.356	4.17
41	MP4A	Z	0	4.17
42	MP4A	Mx	.022	4.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP4B	X	-55.225	2.17
44	MP4B	Z	0	2.17
45	MP4B	Mx	-.032	2.17
46	MP4B	X	-55.225	4.17
47	MP4B	Z	0	4.17
48	MP4B	Mx	-.032	4.17
49	MP4C	X	-76.046	2.17
50	MP4C	Z	0	2.17
51	MP4C	Mx	-.033	2.17
52	MP4C	X	-76.046	4.17
53	MP4C	Z	0	4.17
54	MP4C	Mx	-.033	4.17
55	MP2A	X	-44.779	4
56	MP2A	Z	0	4
57	MP2A	Mx	-.022	4
58	MP2B	X	-66.738	4
59	MP2B	Z	0	4
60	MP2B	Mx	0	4
61	MP2C	X	-44.779	4
62	MP2C	Z	0	4
63	MP2C	Mx	.022	4
64	MP3A	X	-36.598	4
65	MP3A	Z	0	4
66	MP3A	Mx	-.018	4
67	MP3B	X	-66.738	4
68	MP3B	Z	0	4
69	MP3B	Mx	0	4
70	MP3C	X	-36.598	4
71	MP3C	Z	0	4
72	MP3C	Mx	.018	4
73	MP1A	X	-154.994	1.17
74	MP1A	Z	0	1.17
75	MP1A	Mx	.064	1.17
76	MP1A	X	-154.994	5.17
77	MP1A	Z	0	5.17
78	MP1A	Mx	.064	5.17
79	MP1B	X	-108.311	1.17
80	MP1B	Z	0	1.17
81	MP1B	Mx	-.086	1.17
82	MP1B	X	-108.311	5.17
83	MP1B	Z	0	5.17
84	MP1B	Mx	-.086	5.17
85	MP1C	X	-133.15	1.17
86	MP1C	Z	0	1.17
87	MP1C	Mx	-.078	1.17
88	MP1C	X	-133.15	5.17
89	MP1C	Z	0	5.17
90	MP1C	Mx	-.078	5.17
91	M77	X	-19.736	6.25
92	M77	Z	0	6.25
93	M77	Mx	-.004	6.25
94	M77	X	-19.736	6.25
95	M77	Z	0	6.25
96	M77	Mx	.004	6.25

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-75.467	1.17
2	MP2A	Z	-43.571	1.17
3	MP2A	Mx	.082	1.17
4	MP2A	X	-75.467	5.17
5	MP2A	Z	-43.571	5.17
6	MP2A	Mx	.082	5.17
7	MP2B	X	-82.97	1.17
8	MP2B	Z	-47.903	1.17
9	MP2B	Mx	.023	1.17
10	MP2B	X	-82.97	5.17
11	MP2B	Z	-47.903	5.17
12	MP2B	Mx	.023	5.17
13	MP2C	X	-68.869	1.17
14	MP2C	Z	-39.762	1.17
15	MP2C	Mx	-.068	1.17
16	MP2C	X	-68.869	5.17
17	MP2C	Z	-39.762	5.17
18	MP2C	Mx	-.068	5.17
19	MP2A	X	-75.467	1.17
20	MP2A	Z	-43.571	1.17
21	MP2A	Mx	.007	1.17
22	MP2A	X	-75.467	5.17
23	MP2A	Z	-43.571	5.17
24	MP2A	Mx	.007	5.17
25	MP2B	X	-82.97	1.17
26	MP2B	Z	-47.903	1.17
27	MP2B	Mx	-.087	1.17
28	MP2B	X	-82.97	5.17
29	MP2B	Z	-47.903	5.17
30	MP2B	Mx	-.087	5.17
31	MP2C	X	-68.869	1.17
32	MP2C	Z	-39.762	1.17
33	MP2C	Mx	-.032	1.17
34	MP2C	X	-68.869	5.17
35	MP2C	Z	-39.762	5.17
36	MP2C	Mx	-.032	5.17
37	MP4A	X	-56.562	2.17
38	MP4A	Z	-32.656	2.17
39	MP4A	Mx	.033	2.17
40	MP4A	X	-56.562	4.17
41	MP4A	Z	-32.656	4.17
42	MP4A	Mx	.033	4.17
43	MP4B	X	-74.593	2.17
44	MP4B	Z	-43.067	2.17
45	MP4B	Mx	-.029	2.17
46	MP4B	X	-74.593	4.17
47	MP4B	Z	-43.067	4.17
48	MP4B	Mx	-.029	4.17
49	MP4C	X	-40.705	2.17
50	MP4C	Z	-23.501	2.17
51	MP4C	Mx	-.029	2.17
52	MP4C	X	-40.705	4.17
53	MP4C	Z	-23.501	4.17
54	MP4C	Mx	-.029	4.17
55	MP2A	X	-43.534	4
56	MP2A	Z	-25.134	4
57	MP2A	Mx	-.022	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	-53.042	4
59	MP2B	Z	-30.624	4
60	MP2B	Mx	-.015	4
61	MP2C	X	-43.534	4
62	MP2C	Z	-25.134	4
63	MP2C	Mx	.022	4
64	MP3A	X	-38.22	4
65	MP3A	Z	-22.067	4
66	MP3A	Mx	-.019	4
67	MP3B	X	-51.271	4
68	MP3B	Z	-29.601	4
69	MP3B	Mx	-.015	4
70	MP3C	X	-38.22	4
71	MP3C	Z	-22.067	4
72	MP3C	Mx	.019	4
73	MP1A	X	-104.221	1.17
74	MP1A	Z	-60.172	1.17
75	MP1A	Mx	.111	1.17
76	MP1A	X	-104.221	5.17
77	MP1A	Z	-60.172	5.17
78	MP1A	Mx	.111	5.17
79	MP1B	X	-125.733	1.17
80	MP1B	Z	-72.592	1.17
81	MP1B	Mx	-.067	1.17
82	MP1B	X	-125.733	5.17
83	MP1B	Z	-72.592	5.17
84	MP1B	Mx	-.067	5.17
85	MP1C	X	-85.304	1.17
86	MP1C	Z	-49.25	1.17
87	MP1C	Mx	-.085	1.17
88	MP1C	X	-85.304	5.17
89	MP1C	Z	-49.25	5.17
90	MP1C	Mx	-.085	5.17
91	M77	X	-29.562	6.25
92	M77	Z	-17.068	6.25
93	M77	Mx	-.004	6.25
94	M77	X	-29.562	6.25
95	M77	Z	-17.068	6.25
96	M77	Mx	.004	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-38.645	1.17
2	MP2A	Z	-66.935	1.17
3	MP2A	Mx	.06	1.17
4	MP2A	X	-38.645	5.17
5	MP2A	Z	-66.935	5.17
6	MP2A	Mx	.06	5.17
7	MP2B	X	-51.118	1.17
8	MP2B	Z	-88.539	1.17
9	MP2B	Mx	.068	1.17
10	MP2B	X	-51.118	5.17
11	MP2B	Z	-88.539	5.17
12	MP2B	Mx	.068	5.17
13	MP2C	X	-38.645	1.17
14	MP2C	Z	-66.935	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP2C	Mx	-.042	1.17
16	MP2C	X	-38.645	5.17
17	MP2C	Z	-66.935	5.17
18	MP2C	Mx	-.042	5.17
19	MP2A	X	-38.645	1.17
20	MP2A	Z	-66.935	1.17
21	MP2A	Mx	.042	1.17
22	MP2A	X	-38.645	5.17
23	MP2A	Z	-66.935	5.17
24	MP2A	Mx	.042	5.17
25	MP2B	X	-51.118	1.17
26	MP2B	Z	-88.539	1.17
27	MP2B	Mx	-.068	1.17
28	MP2B	X	-51.118	5.17
29	MP2B	Z	-88.539	5.17
30	MP2B	Mx	-.068	5.17
31	MP2C	X	-38.645	1.17
32	MP2C	Z	-66.935	1.17
33	MP2C	Mx	-.06	1.17
34	MP2C	X	-38.645	5.17
35	MP2C	Z	-66.935	5.17
36	MP2C	Mx	-.06	5.17
37	MP4A	X	-20.818	2.17
38	MP4A	Z	-36.057	2.17
39	MP4A	Mx	.027	2.17
40	MP4A	X	-20.818	4.17
41	MP4A	Z	-36.057	4.17
42	MP4A	Mx	.027	4.17
43	MP4B	X	-50.794	2.17
44	MP4B	Z	-87.977	2.17
45	MP4B	Mx	0	2.17
46	MP4B	X	-50.794	4.17
47	MP4B	Z	-87.977	4.17
48	MP4B	Mx	0	4.17
49	MP4C	X	-20.818	2.17
50	MP4C	Z	-36.057	2.17
51	MP4C	Mx	-.027	2.17
52	MP4C	X	-20.818	4.17
53	MP4C	Z	-36.057	4.17
54	MP4C	Mx	-.027	4.17
55	MP2A	X	-30.624	4
56	MP2A	Z	-53.042	4
57	MP2A	Mx	-.015	4
58	MP2B	X	-25.134	4
59	MP2B	Z	-43.534	4
60	MP2B	Mx	-.022	4
61	MP2C	X	-30.624	4
62	MP2C	Z	-53.042	4
63	MP2C	Mx	.015	4
64	MP3A	X	-29.601	4
65	MP3A	Z	-51.271	4
66	MP3A	Mx	-.015	4
67	MP3B	X	-22.067	4
68	MP3B	Z	-38.22	4
69	MP3B	Mx	-.019	4
70	MP3C	X	-29.601	4
71	MP3C	Z	-51.271	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP3C	Mx	.015	4
73	MP1A	X	-46.049	1.17
74	MP1A	Z	-79.759	1.17
75	MP1A	Mx	.11	1.17
76	MP1A	X	-46.049	5.17
77	MP1A	Z	-79.759	5.17
78	MP1A	Mx	.11	5.17
79	MP1B	X	-81.81	1.17
80	MP1B	Z	-141.699	1.17
81	MP1B	Mx	0	1.17
82	MP1B	X	-81.81	5.17
83	MP1B	Z	-141.699	5.17
84	MP1B	Mx	0	5.17
85	MP1C	X	-46.049	1.17
86	MP1C	Z	-79.759	1.17
87	MP1C	Mx	-.083	1.17
88	MP1C	X	-46.049	5.17
89	MP1C	Z	-79.759	5.17
90	MP1C	Mx	-.083	5.17
91	M77	X	-20.667	6.25
92	M77	Z	-35.797	6.25
93	M77	Mx	0	6.25
94	M77	X	-20.667	6.25
95	M77	Z	-35.797	6.25
96	M77	Mx	0	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.17
2	MP2A	Z	-33.426	1.17
3	MP2A	Mx	.013	1.17
4	MP2A	X	0	5.17
5	MP2A	Z	-33.426	5.17
6	MP2A	Mx	.013	5.17
7	MP2B	X	0	1.17
8	MP2B	Z	-39.741	1.17
9	MP2B	Mx	.036	1.17
10	MP2B	X	0	5.17
11	MP2B	Z	-39.741	5.17
12	MP2B	Mx	.036	5.17
13	MP2C	X	0	1.17
14	MP2C	Z	-36.381	1.17
15	MP2C	Mx	-.003	1.17
16	MP2C	X	0	5.17
17	MP2C	Z	-36.381	5.17
18	MP2C	Mx	-.003	5.17
19	MP2A	X	0	1.17
20	MP2A	Z	-33.426	1.17
21	MP2A	Mx	.029	1.17
22	MP2A	X	0	5.17
23	MP2A	Z	-33.426	5.17
24	MP2A	Mx	.029	5.17
25	MP2B	X	0	1.17
26	MP2B	Z	-39.741	1.17
27	MP2B	Mx	-.01	1.17
28	MP2B	X	0	5.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	-39.741	5.17
30	MP2B	Mx	-.01	5.17
31	MP2C	X	0	1.17
32	MP2C	Z	-36.381	1.17
33	MP2C	Mx	-.034	1.17
34	MP2C	X	0	5.17
35	MP2C	Z	-36.381	5.17
36	MP2C	Mx	-.034	5.17
37	MP4A	X	0	2.17
38	MP4A	Z	-10.798	2.17
39	MP4A	Mx	.007	2.17
40	MP4A	X	0	4.17
41	MP4A	Z	-10.798	4.17
42	MP4A	Mx	.007	4.17
43	MP4B	X	0	2.17
44	MP4B	Z	-18.239	2.17
45	MP4B	Mx	.006	2.17
46	MP4B	X	0	4.17
47	MP4B	Z	-18.239	4.17
48	MP4B	Mx	.006	4.17
49	MP4C	X	0	2.17
50	MP4C	Z	-14.279	2.17
51	MP4C	Mx	-.007	2.17
52	MP4C	X	0	4.17
53	MP4C	Z	-14.279	4.17
54	MP4C	Mx	-.007	4.17
55	MP2A	X	0	4
56	MP2A	Z	-18.285	4
57	MP2A	Mx	0	4
58	MP2B	X	0	4
59	MP2B	Z	-12.976	4
60	MP2B	Mx	-.006	4
61	MP2C	X	0	4
62	MP2C	Z	-18.285	4
63	MP2C	Mx	0	4
64	MP3A	X	0	4
65	MP3A	Z	-18.285	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	-10.959	4
69	MP3B	Mx	-.005	4
70	MP3C	X	0	4
71	MP3C	Z	-18.285	4
72	MP3C	Mx	0	4
73	MP1A	X	0	1.17
74	MP1A	Z	-21.59	1.17
75	MP1A	Mx	.025	1.17
76	MP1A	X	0	5.17
77	MP1A	Z	-21.59	5.17
78	MP1A	Mx	.025	5.17
79	MP1B	X	0	1.17
80	MP1B	Z	-29.89	1.17
81	MP1B	Mx	.014	1.17
82	MP1B	X	0	5.17
83	MP1B	Z	-29.89	5.17
84	MP1B	Mx	.014	5.17
85	MP1C	X	0	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
86	MP1C	Z	-25.474	1.17
87	MP1C	Mx	-.018	1.17
88	MP1C	X	0	5.17
89	MP1C	Z	-25.474	5.17
90	MP1C	Mx	-.018	5.17
91	M77	X	0	6.25
92	M77	Z	-8.867	6.25
93	M77	Mx	.001	6.25
94	M77	X	0	6.25
95	M77	Z	-8.867	6.25
96	M77	Mx	-.001	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	19.057	1.17
2	MP2A	Z	-33.007	1.17
3	MP2A	Mx	-.003	1.17
4	MP2A	X	19.057	5.17
5	MP2A	Z	-33.007	5.17
6	MP2A	Mx	-.003	5.17
7	MP2B	X	17.377	1.17
8	MP2B	Z	-30.097	1.17
9	MP2B	Mx	.032	1.17
10	MP2B	X	17.377	5.17
11	MP2B	Z	-30.097	5.17
12	MP2B	Mx	.032	5.17
13	MP2C	X	20.534	1.17
14	MP2C	Z	-35.566	1.17
15	MP2C	Mx	.016	1.17
16	MP2C	X	20.534	5.17
17	MP2C	Z	-35.566	5.17
18	MP2C	Mx	.016	5.17
19	MP2A	X	19.057	1.17
20	MP2A	Z	-33.007	1.17
21	MP2A	Mx	.036	1.17
22	MP2A	X	19.057	5.17
23	MP2A	Z	-33.007	5.17
24	MP2A	Mx	.036	5.17
25	MP2B	X	17.377	1.17
26	MP2B	Z	-30.097	1.17
27	MP2B	Mx	.008	1.17
28	MP2B	X	17.377	5.17
29	MP2B	Z	-30.097	5.17
30	MP2B	Mx	.008	5.17
31	MP2C	X	20.534	1.17
32	MP2C	Z	-35.566	1.17
33	MP2C	Mx	-.035	1.17
34	MP2C	X	20.534	5.17
35	MP2C	Z	-35.566	5.17
36	MP2C	Mx	-.035	5.17
37	MP4A	X	8.16	2.17
38	MP4A	Z	-14.134	2.17
39	MP4A	Mx	.007	2.17
40	MP4A	X	8.16	4.17
41	MP4A	Z	-14.134	4.17
42	MP4A	Mx	.007	4.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP4B	X	6.181	2.17
44	MP4B	Z	-10.705	2.17
45	MP4B	Mx	.007	2.17
46	MP4B	X	6.181	4.17
47	MP4B	Z	-10.705	4.17
48	MP4B	Mx	.007	4.17
49	MP4C	X	9.901	2.17
50	MP4C	Z	-17.149	2.17
51	MP4C	Mx	-.005	2.17
52	MP4C	X	9.901	4.17
53	MP4C	Z	-17.149	4.17
54	MP4C	Mx	-.005	4.17
55	MP2A	X	8.479	4
56	MP2A	Z	-14.686	4
57	MP2A	Mx	.004	4
58	MP2B	X	7.152	4
59	MP2B	Z	-12.387	4
60	MP2B	Mx	-.006	4
61	MP2C	X	8.479	4
62	MP2C	Z	-14.686	4
63	MP2C	Mx	-.004	4
64	MP3A	X	8.227	4
65	MP3A	Z	-14.249	4
66	MP3A	Mx	.004	4
67	MP3B	X	6.395	4
68	MP3B	Z	-11.077	4
69	MP3B	Mx	-.006	4
70	MP3C	X	8.227	4
71	MP3C	Z	-14.249	4
72	MP3C	Mx	-.004	4
73	MP1A	X	13.875	1.17
74	MP1A	Z	-24.033	1.17
75	MP1A	Mx	.022	1.17
76	MP1A	X	13.875	5.17
77	MP1A	Z	-24.033	5.17
78	MP1A	Mx	.022	5.17
79	MP1B	X	11.667	1.17
80	MP1B	Z	-20.208	1.17
81	MP1B	Mx	.019	1.17
82	MP1B	X	11.667	5.17
83	MP1B	Z	-20.208	5.17
84	MP1B	Mx	.019	5.17
85	MP1C	X	15.817	1.17
86	MP1C	Z	-27.396	1.17
87	MP1C	Mx	-.01	1.17
88	MP1C	X	15.817	5.17
89	MP1C	Z	-27.396	5.17
90	MP1C	Mx	-.01	5.17
91	M77	X	2.917	6.25
92	M77	Z	-5.053	6.25
93	M77	Mx	.001	6.25
94	M77	X	2.917	6.25
95	M77	Z	-5.053	6.25
96	M77	Mx	-.001	6.25

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	36.316	1.17
2	MP2A	Z	-20.967	1.17
3	MP2A	Mx	-.023	1.17
4	MP2A	X	36.316	5.17
5	MP2A	Z	-20.967	5.17
6	MP2A	Mx	-.023	5.17
7	MP2B	X	27.937	1.17
8	MP2B	Z	-16.13	1.17
9	MP2B	Mx	.022	1.17
10	MP2B	X	27.937	5.17
11	MP2B	Z	-16.13	5.17
12	MP2B	Mx	.022	5.17
13	MP2C	X	36.316	1.17
14	MP2C	Z	-20.967	1.17
15	MP2C	Mx	.032	1.17
16	MP2C	X	36.316	5.17
17	MP2C	Z	-20.967	5.17
18	MP2C	Mx	.032	5.17
19	MP2A	X	36.316	1.17
20	MP2A	Z	-20.967	1.17
21	MP2A	Mx	.032	1.17
22	MP2A	X	36.316	5.17
23	MP2A	Z	-20.967	5.17
24	MP2A	Mx	.032	5.17
25	MP2B	X	27.937	1.17
26	MP2B	Z	-16.13	1.17
27	MP2B	Mx	.022	1.17
28	MP2B	X	27.937	5.17
29	MP2B	Z	-16.13	5.17
30	MP2B	Mx	.022	5.17
31	MP2C	X	36.316	1.17
32	MP2C	Z	-20.967	1.17
33	MP2C	Mx	-.023	1.17
34	MP2C	X	36.316	5.17
35	MP2C	Z	-20.967	5.17
36	MP2C	Mx	-.023	5.17
37	MP4A	X	18.033	2.17
38	MP4A	Z	-10.412	2.17
39	MP4A	Mx	.002	2.17
40	MP4A	X	18.033	4.17
41	MP4A	Z	-10.412	4.17
42	MP4A	Mx	.002	4.17
43	MP4B	X	8.16	2.17
44	MP4B	Z	-4.711	2.17
45	MP4B	Mx	.006	2.17
46	MP4B	X	8.16	4.17
47	MP4B	Z	-4.711	4.17
48	MP4B	Mx	.006	4.17
49	MP4C	X	18.033	2.17
50	MP4C	Z	-10.412	2.17
51	MP4C	Mx	.002	2.17
52	MP4C	X	18.033	4.17
53	MP4C	Z	-10.412	4.17
54	MP4C	Mx	.002	4.17
55	MP2A	X	12.387	4
56	MP2A	Z	-7.152	4
57	MP2A	Mx	.006	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	14.686	4
59	MP2B	Z	-8.479	4
60	MP2B	Mx	-.004	4
61	MP2C	X	12.387	4
62	MP2C	Z	-7.152	4
63	MP2C	Mx	-.006	4
64	MP3A	X	11.077	4
65	MP3A	Z	-6.395	4
66	MP3A	Mx	.006	4
67	MP3B	X	14.249	4
68	MP3B	Z	-8.227	4
69	MP3B	Mx	-.004	4
70	MP3C	X	11.077	4
71	MP3C	Z	-6.395	4
72	MP3C	Mx	-.006	4
73	MP1A	X	28.382	1.17
74	MP1A	Z	-16.386	1.17
75	MP1A	Mx	.007	1.17
76	MP1A	X	28.382	5.17
77	MP1A	Z	-16.386	5.17
78	MP1A	Mx	.007	5.17
79	MP1B	X	17.37	1.17
80	MP1B	Z	-10.028	1.17
81	MP1B	Mx	.018	1.17
82	MP1B	X	17.37	5.17
83	MP1B	Z	-10.028	5.17
84	MP1B	Mx	.018	5.17
85	MP1C	X	28.382	1.17
86	MP1C	Z	-16.386	1.17
87	MP1C	Mx	.005	1.17
88	MP1C	X	28.382	5.17
89	MP1C	Z	-16.386	5.17
90	MP1C	Mx	.005	5.17
91	M77	X	3.74	6.25
92	M77	Z	-2.159	6.25
93	M77	Mx	.001	6.25
94	M77	X	3.74	6.25
95	M77	Z	-2.159	6.25
96	M77	Mx	-.001	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	41.068	1.17
2	MP2A	Z	0	1.17
3	MP2A	Mx	-.035	1.17
4	MP2A	X	41.068	5.17
5	MP2A	Z	0	5.17
6	MP2A	Mx	-.035	5.17
7	MP2B	X	34.753	1.17
8	MP2B	Z	0	1.17
9	MP2B	Mx	.008	1.17
10	MP2B	X	34.753	5.17
11	MP2B	Z	0	5.17
12	MP2B	Mx	.008	5.17
13	MP2C	X	38.113	1.17
14	MP2C	Z	0	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP2C	Mx	.036	1.17
16	MP2C	X	38.113	5.17
17	MP2C	Z	0	5.17
18	MP2C	Mx	.036	5.17
19	MP2A	X	41.068	1.17
20	MP2A	Z	0	1.17
21	MP2A	Mx	.016	1.17
22	MP2A	X	41.068	5.17
23	MP2A	Z	0	5.17
24	MP2A	Mx	.016	5.17
25	MP2B	X	34.753	1.17
26	MP2B	Z	0	1.17
27	MP2B	Mx	.032	1.17
28	MP2B	X	34.753	5.17
29	MP2B	Z	0	5.17
30	MP2B	Mx	.032	5.17
31	MP2C	X	38.113	1.17
32	MP2C	Z	0	1.17
33	MP2C	Mx	-.003	1.17
34	MP2C	X	38.113	5.17
35	MP2C	Z	0	5.17
36	MP2C	Mx	-.003	5.17
37	MP4A	X	19.802	2.17
38	MP4A	Z	0	2.17
39	MP4A	Mx	-.005	2.17
40	MP4A	X	19.802	4.17
41	MP4A	Z	0	4.17
42	MP4A	Mx	-.005	4.17
43	MP4B	X	12.361	2.17
44	MP4B	Z	0	2.17
45	MP4B	Mx	.007	2.17
46	MP4B	X	12.361	4.17
47	MP4B	Z	0	4.17
48	MP4B	Mx	.007	4.17
49	MP4C	X	16.321	2.17
50	MP4C	Z	0	2.17
51	MP4C	Mx	.007	2.17
52	MP4C	X	16.321	4.17
53	MP4C	Z	0	4.17
54	MP4C	Mx	.007	4.17
55	MP2A	X	12.976	4
56	MP2A	Z	0	4
57	MP2A	Mx	.006	4
58	MP2B	X	18.285	4
59	MP2B	Z	0	4
60	MP2B	Mx	0	4
61	MP2C	X	12.976	4
62	MP2C	Z	0	4
63	MP2C	Mx	-.006	4
64	MP3A	X	10.959	4
65	MP3A	Z	0	4
66	MP3A	Mx	.005	4
67	MP3B	X	18.285	4
68	MP3B	Z	0	4
69	MP3B	Mx	0	4
70	MP3C	X	10.959	4
71	MP3C	Z	0	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP3C	Mx	-.005	4
73	MP1A	X	31.634	1.17
74	MP1A	Z	0	1.17
75	MP1A	Mx	-.013	1.17
76	MP1A	X	31.634	5.17
77	MP1A	Z	0	5.17
78	MP1A	Mx	-.013	5.17
79	MP1B	X	23.334	1.17
80	MP1B	Z	0	1.17
81	MP1B	Mx	.019	1.17
82	MP1B	X	23.334	5.17
83	MP1B	Z	0	5.17
84	MP1B	Mx	.019	5.17
85	MP1C	X	27.751	1.17
86	MP1C	Z	0	1.17
87	MP1C	Mx	.016	1.17
88	MP1C	X	27.751	5.17
89	MP1C	Z	0	5.17
90	MP1C	Mx	.016	5.17
91	M77	X	5.834	6.25
92	M77	Z	0	6.25
93	M77	Mx	.001	6.25
94	M77	X	5.834	6.25
95	M77	Z	0	6.25
96	M77	Mx	-.001	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	31.507	1.17
2	MP2A	Z	18.191	1.17
3	MP2A	Mx	-.034	1.17
4	MP2A	X	31.507	5.17
5	MP2A	Z	18.191	5.17
6	MP2A	Mx	-.034	5.17
7	MP2B	X	34.417	1.17
8	MP2B	Z	19.871	1.17
9	MP2B	Mx	-.01	1.17
10	MP2B	X	34.417	5.17
11	MP2B	Z	19.871	5.17
12	MP2B	Mx	-.01	5.17
13	MP2C	X	28.948	1.17
14	MP2C	Z	16.713	1.17
15	MP2C	Mx	.029	1.17
16	MP2C	X	28.948	5.17
17	MP2C	Z	16.713	5.17
18	MP2C	Mx	.029	5.17
19	MP2A	X	31.507	1.17
20	MP2A	Z	18.191	1.17
21	MP2A	Mx	-.003	1.17
22	MP2A	X	31.507	5.17
23	MP2A	Z	18.191	5.17
24	MP2A	Mx	-.003	5.17
25	MP2B	X	34.417	1.17
26	MP2B	Z	19.871	1.17
27	MP2B	Mx	.036	1.17
28	MP2B	X	34.417	5.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	19.871	5.17
30	MP2B	Mx	.036	5.17
31	MP2C	X	28.948	1.17
32	MP2C	Z	16.713	1.17
33	MP2C	Mx	.013	1.17
34	MP2C	X	28.948	5.17
35	MP2C	Z	16.713	5.17
36	MP2C	Mx	.013	5.17
37	MP4A	X	12.366	2.17
38	MP4A	Z	7.14	2.17
39	MP4A	Mx	-.007	2.17
40	MP4A	X	12.366	4.17
41	MP4A	Z	7.14	4.17
42	MP4A	Mx	-.007	4.17
43	MP4B	X	15.795	2.17
44	MP4B	Z	9.119	2.17
45	MP4B	Mx	.006	2.17
46	MP4B	X	15.795	4.17
47	MP4B	Z	9.119	4.17
48	MP4B	Mx	.006	4.17
49	MP4C	X	9.351	2.17
50	MP4C	Z	5.399	2.17
51	MP4C	Mx	.007	2.17
52	MP4C	X	9.351	4.17
53	MP4C	Z	5.399	4.17
54	MP4C	Mx	.007	4.17
55	MP2A	X	12.387	4
56	MP2A	Z	7.152	4
57	MP2A	Mx	.006	4
58	MP2B	X	14.686	4
59	MP2B	Z	8.479	4
60	MP2B	Mx	.004	4
61	MP2C	X	12.387	4
62	MP2C	Z	7.152	4
63	MP2C	Mx	-.006	4
64	MP3A	X	11.077	4
65	MP3A	Z	6.395	4
66	MP3A	Mx	.006	4
67	MP3B	X	14.249	4
68	MP3B	Z	8.227	4
69	MP3B	Mx	.004	4
70	MP3C	X	11.077	4
71	MP3C	Z	6.395	4
72	MP3C	Mx	-.006	4
73	MP1A	X	22.061	1.17
74	MP1A	Z	12.737	1.17
75	MP1A	Mx	-.024	1.17
76	MP1A	X	22.061	5.17
77	MP1A	Z	12.737	5.17
78	MP1A	Mx	-.024	5.17
79	MP1B	X	25.886	1.17
80	MP1B	Z	14.945	1.17
81	MP1B	Mx	.014	1.17
82	MP1B	X	25.886	5.17
83	MP1B	Z	14.945	5.17
84	MP1B	Mx	.014	5.17
85	MP1C	X	18.698	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
86	MP1C	Z	10.795	1.17
87	MP1C	Mx	.019	1.17
88	MP1C	X	18.698	5.17
89	MP1C	Z	10.795	5.17
90	MP1C	Mx	.019	5.17
91	M77	X	7.679	6.25
92	M77	Z	4.434	6.25
93	M77	Mx	.001	6.25
94	M77	X	7.679	6.25
95	M77	Z	4.434	6.25
96	M77	Mx	-.001	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	16.28	1.17
2	MP2A	Z	28.198	1.17
3	MP2A	Mx	-.025	1.17
4	MP2A	X	16.28	5.17
5	MP2A	Z	28.198	5.17
6	MP2A	Mx	-.025	5.17
7	MP2B	X	21.118	1.17
8	MP2B	Z	36.577	1.17
9	MP2B	Mx	-.028	1.17
10	MP2B	X	21.118	5.17
11	MP2B	Z	36.577	5.17
12	MP2B	Mx	-.028	5.17
13	MP2C	X	16.28	1.17
14	MP2C	Z	28.198	1.17
15	MP2C	Mx	.018	1.17
16	MP2C	X	16.28	5.17
17	MP2C	Z	28.198	5.17
18	MP2C	Mx	.018	5.17
19	MP2A	X	16.28	1.17
20	MP2A	Z	28.198	1.17
21	MP2A	Mx	-.018	1.17
22	MP2A	X	16.28	5.17
23	MP2A	Z	28.198	5.17
24	MP2A	Mx	-.018	5.17
25	MP2B	X	21.118	1.17
26	MP2B	Z	36.577	1.17
27	MP2B	Mx	.028	1.17
28	MP2B	X	21.118	5.17
29	MP2B	Z	36.577	5.17
30	MP2B	Mx	.028	5.17
31	MP2C	X	16.28	1.17
32	MP2C	Z	28.198	1.17
33	MP2C	Mx	.025	1.17
34	MP2C	X	16.28	5.17
35	MP2C	Z	28.198	5.17
36	MP2C	Mx	.025	5.17
37	MP4A	X	4.889	2.17
38	MP4A	Z	8.467	2.17
39	MP4A	Mx	-.006	2.17
40	MP4A	X	4.889	4.17
41	MP4A	Z	8.467	4.17
42	MP4A	Mx	-.006	4.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP4B	X	10.589	2.17
44	MP4B	Z	18.34	2.17
45	MP4B	Mx	0	2.17
46	MP4B	X	10.589	4.17
47	MP4B	Z	18.34	4.17
48	MP4B	Mx	0	4.17
49	MP4C	X	4.889	2.17
50	MP4C	Z	8.467	2.17
51	MP4C	Mx	.006	2.17
52	MP4C	X	4.889	4.17
53	MP4C	Z	8.467	4.17
54	MP4C	Mx	.006	4.17
55	MP2A	X	8.479	4
56	MP2A	Z	14.686	4
57	MP2A	Mx	.004	4
58	MP2B	X	7.152	4
59	MP2B	Z	12.387	4
60	MP2B	Mx	.006	4
61	MP2C	X	8.479	4
62	MP2C	Z	14.686	4
63	MP2C	Mx	-.004	4
64	MP3A	X	8.227	4
65	MP3A	Z	14.249	4
66	MP3A	Mx	.004	4
67	MP3B	X	6.395	4
68	MP3B	Z	11.077	4
69	MP3B	Mx	.006	4
70	MP3C	X	8.227	4
71	MP3C	Z	14.249	4
72	MP3C	Mx	-.004	4
73	MP1A	X	10.226	1.17
74	MP1A	Z	17.712	1.17
75	MP1A	Mx	-.024	1.17
76	MP1A	X	10.226	5.17
77	MP1A	Z	17.712	5.17
78	MP1A	Mx	-.024	5.17
79	MP1B	X	16.584	1.17
80	MP1B	Z	28.724	1.17
81	MP1B	Mx	0	1.17
82	MP1B	X	16.584	5.17
83	MP1B	Z	28.724	5.17
84	MP1B	Mx	0	5.17
85	MP1C	X	10.226	1.17
86	MP1C	Z	17.712	1.17
87	MP1C	Mx	.018	1.17
88	MP1C	X	10.226	5.17
89	MP1C	Z	17.712	5.17
90	MP1C	Mx	.018	5.17
91	M77	X	5.192	6.25
92	M77	Z	8.992	6.25
93	M77	Mx	0	6.25
94	M77	X	5.192	6.25
95	M77	Z	8.992	6.25
96	M77	Mx	0	6.25

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.17
2	MP2A	Z	33.426	1.17
3	MP2A	Mx	-.013	1.17
4	MP2A	X	0	5.17
5	MP2A	Z	33.426	5.17
6	MP2A	Mx	-.013	5.17
7	MP2B	X	0	1.17
8	MP2B	Z	39.741	1.17
9	MP2B	Mx	-.036	1.17
10	MP2B	X	0	5.17
11	MP2B	Z	39.741	5.17
12	MP2B	Mx	-.036	5.17
13	MP2C	X	0	1.17
14	MP2C	Z	36.381	1.17
15	MP2C	Mx	.003	1.17
16	MP2C	X	0	5.17
17	MP2C	Z	36.381	5.17
18	MP2C	Mx	.003	5.17
19	MP2A	X	0	1.17
20	MP2A	Z	33.426	1.17
21	MP2A	Mx	-.029	1.17
22	MP2A	X	0	5.17
23	MP2A	Z	33.426	5.17
24	MP2A	Mx	-.029	5.17
25	MP2B	X	0	1.17
26	MP2B	Z	39.741	1.17
27	MP2B	Mx	.01	1.17
28	MP2B	X	0	5.17
29	MP2B	Z	39.741	5.17
30	MP2B	Mx	.01	5.17
31	MP2C	X	0	1.17
32	MP2C	Z	36.381	1.17
33	MP2C	Mx	.034	1.17
34	MP2C	X	0	5.17
35	MP2C	Z	36.381	5.17
36	MP2C	Mx	.034	5.17
37	MP4A	X	0	2.17
38	MP4A	Z	10.798	2.17
39	MP4A	Mx	-.007	2.17
40	MP4A	X	0	4.17
41	MP4A	Z	10.798	4.17
42	MP4A	Mx	-.007	4.17
43	MP4B	X	0	2.17
44	MP4B	Z	18.239	2.17
45	MP4B	Mx	-.006	2.17
46	MP4B	X	0	4.17
47	MP4B	Z	18.239	4.17
48	MP4B	Mx	-.006	4.17
49	MP4C	X	0	2.17
50	MP4C	Z	14.279	2.17
51	MP4C	Mx	.007	2.17
52	MP4C	X	0	4.17
53	MP4C	Z	14.279	4.17
54	MP4C	Mx	.007	4.17
55	MP2A	X	0	4
56	MP2A	Z	18.285	4
57	MP2A	Mx	0	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	0	4
59	MP2B	Z	12.976	4
60	MP2B	Mx	.006	4
61	MP2C	X	0	4
62	MP2C	Z	18.285	4
63	MP2C	Mx	0	4
64	MP3A	X	0	4
65	MP3A	Z	18.285	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	10.959	4
69	MP3B	Mx	.005	4
70	MP3C	X	0	4
71	MP3C	Z	18.285	4
72	MP3C	Mx	0	4
73	MP1A	X	0	1.17
74	MP1A	Z	21.59	1.17
75	MP1A	Mx	-.025	1.17
76	MP1A	X	0	5.17
77	MP1A	Z	21.59	5.17
78	MP1A	Mx	-.025	5.17
79	MP1B	X	0	1.17
80	MP1B	Z	29.89	1.17
81	MP1B	Mx	-.014	1.17
82	MP1B	X	0	5.17
83	MP1B	Z	29.89	5.17
84	MP1B	Mx	-.014	5.17
85	MP1C	X	0	1.17
86	MP1C	Z	25.474	1.17
87	MP1C	Mx	.018	1.17
88	MP1C	X	0	5.17
89	MP1C	Z	25.474	5.17
90	MP1C	Mx	.018	5.17
91	M77	X	0	6.25
92	M77	Z	8.867	6.25
93	M77	Mx	-.001	6.25
94	M77	X	0	6.25
95	M77	Z	8.867	6.25
96	M77	Mx	.001	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-19.057	1.17
2	MP2A	Z	33.007	1.17
3	MP2A	Mx	.003	1.17
4	MP2A	X	-19.057	5.17
5	MP2A	Z	33.007	5.17
6	MP2A	Mx	.003	5.17
7	MP2B	X	-17.377	1.17
8	MP2B	Z	30.097	1.17
9	MP2B	Mx	-.032	1.17
10	MP2B	X	-17.377	5.17
11	MP2B	Z	30.097	5.17
12	MP2B	Mx	-.032	5.17
13	MP2C	X	-20.534	1.17
14	MP2C	Z	35.566	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP2C	Mx	-.016	1.17
16	MP2C	X	-20.534	5.17
17	MP2C	Z	35.566	5.17
18	MP2C	Mx	-.016	5.17
19	MP2A	X	-19.057	1.17
20	MP2A	Z	33.007	1.17
21	MP2A	Mx	-.036	1.17
22	MP2A	X	-19.057	5.17
23	MP2A	Z	33.007	5.17
24	MP2A	Mx	-.036	5.17
25	MP2B	X	-17.377	1.17
26	MP2B	Z	30.097	1.17
27	MP2B	Mx	-.008	1.17
28	MP2B	X	-17.377	5.17
29	MP2B	Z	30.097	5.17
30	MP2B	Mx	-.008	5.17
31	MP2C	X	-20.534	1.17
32	MP2C	Z	35.566	1.17
33	MP2C	Mx	.035	1.17
34	MP2C	X	-20.534	5.17
35	MP2C	Z	35.566	5.17
36	MP2C	Mx	.035	5.17
37	MP4A	X	-8.16	2.17
38	MP4A	Z	14.134	2.17
39	MP4A	Mx	-.007	2.17
40	MP4A	X	-8.16	4.17
41	MP4A	Z	14.134	4.17
42	MP4A	Mx	-.007	4.17
43	MP4B	X	-6.181	2.17
44	MP4B	Z	10.705	2.17
45	MP4B	Mx	-.007	2.17
46	MP4B	X	-6.181	4.17
47	MP4B	Z	10.705	4.17
48	MP4B	Mx	-.007	4.17
49	MP4C	X	-9.901	2.17
50	MP4C	Z	17.149	2.17
51	MP4C	Mx	.005	2.17
52	MP4C	X	-9.901	4.17
53	MP4C	Z	17.149	4.17
54	MP4C	Mx	.005	4.17
55	MP2A	X	-8.479	4
56	MP2A	Z	14.686	4
57	MP2A	Mx	-.004	4
58	MP2B	X	-7.152	4
59	MP2B	Z	12.387	4
60	MP2B	Mx	.006	4
61	MP2C	X	-8.479	4
62	MP2C	Z	14.686	4
63	MP2C	Mx	.004	4
64	MP3A	X	-8.227	4
65	MP3A	Z	14.249	4
66	MP3A	Mx	-.004	4
67	MP3B	X	-6.395	4
68	MP3B	Z	11.077	4
69	MP3B	Mx	.006	4
70	MP3C	X	-8.227	4
71	MP3C	Z	14.249	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP3C	Mx	.004	4
73	MP1A	X	-13.875	1.17
74	MP1A	Z	24.033	1.17
75	MP1A	Mx	-.022	1.17
76	MP1A	X	-13.875	5.17
77	MP1A	Z	24.033	5.17
78	MP1A	Mx	-.022	5.17
79	MP1B	X	-11.667	1.17
80	MP1B	Z	20.208	1.17
81	MP1B	Mx	-.019	1.17
82	MP1B	X	-11.667	5.17
83	MP1B	Z	20.208	5.17
84	MP1B	Mx	-.019	5.17
85	MP1C	X	-15.817	1.17
86	MP1C	Z	27.396	1.17
87	MP1C	Mx	.01	1.17
88	MP1C	X	-15.817	5.17
89	MP1C	Z	27.396	5.17
90	MP1C	Mx	.01	5.17
91	M77	X	-2.917	6.25
92	M77	Z	5.053	6.25
93	M77	Mx	-.001	6.25
94	M77	X	-2.917	6.25
95	M77	Z	5.053	6.25
96	M77	Mx	.001	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-36.316	1.17
2	MP2A	Z	20.967	1.17
3	MP2A	Mx	.023	1.17
4	MP2A	X	-36.316	5.17
5	MP2A	Z	20.967	5.17
6	MP2A	Mx	.023	5.17
7	MP2B	X	-27.937	1.17
8	MP2B	Z	16.13	1.17
9	MP2B	Mx	-.022	1.17
10	MP2B	X	-27.937	5.17
11	MP2B	Z	16.13	5.17
12	MP2B	Mx	-.022	5.17
13	MP2C	X	-36.316	1.17
14	MP2C	Z	20.967	1.17
15	MP2C	Mx	-.032	1.17
16	MP2C	X	-36.316	5.17
17	MP2C	Z	20.967	5.17
18	MP2C	Mx	-.032	5.17
19	MP2A	X	-36.316	1.17
20	MP2A	Z	20.967	1.17
21	MP2A	Mx	-.032	1.17
22	MP2A	X	-36.316	5.17
23	MP2A	Z	20.967	5.17
24	MP2A	Mx	-.032	5.17
25	MP2B	X	-27.937	1.17
26	MP2B	Z	16.13	1.17
27	MP2B	Mx	-.022	1.17
28	MP2B	X	-27.937	5.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	16.13	5.17
30	MP2B	Mx	-.022	5.17
31	MP2C	X	-36.316	1.17
32	MP2C	Z	20.967	1.17
33	MP2C	Mx	.023	1.17
34	MP2C	X	-36.316	5.17
35	MP2C	Z	20.967	5.17
36	MP2C	Mx	.023	5.17
37	MP4A	X	-18.033	2.17
38	MP4A	Z	10.412	2.17
39	MP4A	Mx	-.002	2.17
40	MP4A	X	-18.033	4.17
41	MP4A	Z	10.412	4.17
42	MP4A	Mx	-.002	4.17
43	MP4B	X	-8.16	2.17
44	MP4B	Z	4.711	2.17
45	MP4B	Mx	-.006	2.17
46	MP4B	X	-8.16	4.17
47	MP4B	Z	4.711	4.17
48	MP4B	Mx	-.006	4.17
49	MP4C	X	-18.033	2.17
50	MP4C	Z	10.412	2.17
51	MP4C	Mx	-.002	2.17
52	MP4C	X	-18.033	4.17
53	MP4C	Z	10.412	4.17
54	MP4C	Mx	-.002	4.17
55	MP2A	X	-12.387	4
56	MP2A	Z	7.152	4
57	MP2A	Mx	-.006	4
58	MP2B	X	-14.686	4
59	MP2B	Z	8.479	4
60	MP2B	Mx	.004	4
61	MP2C	X	-12.387	4
62	MP2C	Z	7.152	4
63	MP2C	Mx	.006	4
64	MP3A	X	-11.077	4
65	MP3A	Z	6.395	4
66	MP3A	Mx	-.006	4
67	MP3B	X	-14.249	4
68	MP3B	Z	8.227	4
69	MP3B	Mx	.004	4
70	MP3C	X	-11.077	4
71	MP3C	Z	6.395	4
72	MP3C	Mx	.006	4
73	MP1A	X	-28.382	1.17
74	MP1A	Z	16.386	1.17
75	MP1A	Mx	-.007	1.17
76	MP1A	X	-28.382	5.17
77	MP1A	Z	16.386	5.17
78	MP1A	Mx	-.007	5.17
79	MP1B	X	-17.37	1.17
80	MP1B	Z	10.028	1.17
81	MP1B	Mx	-.018	1.17
82	MP1B	X	-17.37	5.17
83	MP1B	Z	10.028	5.17
84	MP1B	Mx	-.018	5.17
85	MP1C	X	-28.382	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
86	MP1C	Z	16.386	1.17
87	MP1C	Mx	-.005	1.17
88	MP1C	X	-28.382	5.17
89	MP1C	Z	16.386	5.17
90	MP1C	Mx	-.005	5.17
91	M77	X	-3.74	6.25
92	M77	Z	2.159	6.25
93	M77	Mx	-.001	6.25
94	M77	X	-3.74	6.25
95	M77	Z	2.159	6.25
96	M77	Mx	.001	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-41.068	1.17
2	MP2A	Z	0	1.17
3	MP2A	Mx	.035	1.17
4	MP2A	X	-41.068	5.17
5	MP2A	Z	0	5.17
6	MP2A	Mx	.035	5.17
7	MP2B	X	-34.753	1.17
8	MP2B	Z	0	1.17
9	MP2B	Mx	-.008	1.17
10	MP2B	X	-34.753	5.17
11	MP2B	Z	0	5.17
12	MP2B	Mx	-.008	5.17
13	MP2C	X	-38.113	1.17
14	MP2C	Z	0	1.17
15	MP2C	Mx	-.036	1.17
16	MP2C	X	-38.113	5.17
17	MP2C	Z	0	5.17
18	MP2C	Mx	-.036	5.17
19	MP2A	X	-41.068	1.17
20	MP2A	Z	0	1.17
21	MP2A	Mx	-.016	1.17
22	MP2A	X	-41.068	5.17
23	MP2A	Z	0	5.17
24	MP2A	Mx	-.016	5.17
25	MP2B	X	-34.753	1.17
26	MP2B	Z	0	1.17
27	MP2B	Mx	-.032	1.17
28	MP2B	X	-34.753	5.17
29	MP2B	Z	0	5.17
30	MP2B	Mx	-.032	5.17
31	MP2C	X	-38.113	1.17
32	MP2C	Z	0	1.17
33	MP2C	Mx	.003	1.17
34	MP2C	X	-38.113	5.17
35	MP2C	Z	0	5.17
36	MP2C	Mx	.003	5.17
37	MP4A	X	-19.802	2.17
38	MP4A	Z	0	2.17
39	MP4A	Mx	.005	2.17
40	MP4A	X	-19.802	4.17
41	MP4A	Z	0	4.17
42	MP4A	Mx	.005	4.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP4B	X	-12.361	2.17
44	MP4B	Z	0	2.17
45	MP4B	Mx	-.007	2.17
46	MP4B	X	-12.361	4.17
47	MP4B	Z	0	4.17
48	MP4B	Mx	-.007	4.17
49	MP4C	X	-16.321	2.17
50	MP4C	Z	0	2.17
51	MP4C	Mx	-.007	2.17
52	MP4C	X	-16.321	4.17
53	MP4C	Z	0	4.17
54	MP4C	Mx	-.007	4.17
55	MP2A	X	-12.976	4
56	MP2A	Z	0	4
57	MP2A	Mx	-.006	4
58	MP2B	X	-18.285	4
59	MP2B	Z	0	4
60	MP2B	Mx	0	4
61	MP2C	X	-12.976	4
62	MP2C	Z	0	4
63	MP2C	Mx	.006	4
64	MP3A	X	-10.959	4
65	MP3A	Z	0	4
66	MP3A	Mx	-.005	4
67	MP3B	X	-18.285	4
68	MP3B	Z	0	4
69	MP3B	Mx	0	4
70	MP3C	X	-10.959	4
71	MP3C	Z	0	4
72	MP3C	Mx	.005	4
73	MP1A	X	-31.634	1.17
74	MP1A	Z	0	1.17
75	MP1A	Mx	.013	1.17
76	MP1A	X	-31.634	5.17
77	MP1A	Z	0	5.17
78	MP1A	Mx	.013	5.17
79	MP1B	X	-23.334	1.17
80	MP1B	Z	0	1.17
81	MP1B	Mx	-.019	1.17
82	MP1B	X	-23.334	5.17
83	MP1B	Z	0	5.17
84	MP1B	Mx	-.019	5.17
85	MP1C	X	-27.751	1.17
86	MP1C	Z	0	1.17
87	MP1C	Mx	-.016	1.17
88	MP1C	X	-27.751	5.17
89	MP1C	Z	0	5.17
90	MP1C	Mx	-.016	5.17
91	M77	X	-5.834	6.25
92	M77	Z	0	6.25
93	M77	Mx	-.001	6.25
94	M77	X	-5.834	6.25
95	M77	Z	0	6.25
96	M77	Mx	.001	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 25 : Antenna Wi (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-31.507	1.17
2	MP2A	Z	-18.191	1.17
3	MP2A	Mx	.034	1.17
4	MP2A	X	-31.507	5.17
5	MP2A	Z	-18.191	5.17
6	MP2A	Mx	.034	5.17
7	MP2B	X	-34.417	1.17
8	MP2B	Z	-19.871	1.17
9	MP2B	Mx	.01	1.17
10	MP2B	X	-34.417	5.17
11	MP2B	Z	-19.871	5.17
12	MP2B	Mx	.01	5.17
13	MP2C	X	-28.948	1.17
14	MP2C	Z	-16.713	1.17
15	MP2C	Mx	-.029	1.17
16	MP2C	X	-28.948	5.17
17	MP2C	Z	-16.713	5.17
18	MP2C	Mx	-.029	5.17
19	MP2A	X	-31.507	1.17
20	MP2A	Z	-18.191	1.17
21	MP2A	Mx	.003	1.17
22	MP2A	X	-31.507	5.17
23	MP2A	Z	-18.191	5.17
24	MP2A	Mx	.003	5.17
25	MP2B	X	-34.417	1.17
26	MP2B	Z	-19.871	1.17
27	MP2B	Mx	-.036	1.17
28	MP2B	X	-34.417	5.17
29	MP2B	Z	-19.871	5.17
30	MP2B	Mx	-.036	5.17
31	MP2C	X	-28.948	1.17
32	MP2C	Z	-16.713	1.17
33	MP2C	Mx	-.013	1.17
34	MP2C	X	-28.948	5.17
35	MP2C	Z	-16.713	5.17
36	MP2C	Mx	-.013	5.17
37	MP4A	X	-12.366	2.17
38	MP4A	Z	-7.14	2.17
39	MP4A	Mx	.007	2.17
40	MP4A	X	-12.366	4.17
41	MP4A	Z	-7.14	4.17
42	MP4A	Mx	.007	4.17
43	MP4B	X	-15.795	2.17
44	MP4B	Z	-9.119	2.17
45	MP4B	Mx	-.006	2.17
46	MP4B	X	-15.795	4.17
47	MP4B	Z	-9.119	4.17
48	MP4B	Mx	-.006	4.17
49	MP4C	X	-9.351	2.17
50	MP4C	Z	-5.399	2.17
51	MP4C	Mx	-.007	2.17
52	MP4C	X	-9.351	4.17
53	MP4C	Z	-5.399	4.17
54	MP4C	Mx	-.007	4.17
55	MP2A	X	-12.387	4
56	MP2A	Z	-7.152	4
57	MP2A	Mx	-.006	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	-14.686	4
59	MP2B	Z	-8.479	4
60	MP2B	Mx	-.004	4
61	MP2C	X	-12.387	4
62	MP2C	Z	-7.152	4
63	MP2C	Mx	.006	4
64	MP3A	X	-11.077	4
65	MP3A	Z	-6.395	4
66	MP3A	Mx	-.006	4
67	MP3B	X	-14.249	4
68	MP3B	Z	-8.227	4
69	MP3B	Mx	-.004	4
70	MP3C	X	-11.077	4
71	MP3C	Z	-6.395	4
72	MP3C	Mx	.006	4
73	MP1A	X	-22.061	1.17
74	MP1A	Z	-12.737	1.17
75	MP1A	Mx	.024	1.17
76	MP1A	X	-22.061	5.17
77	MP1A	Z	-12.737	5.17
78	MP1A	Mx	.024	5.17
79	MP1B	X	-25.886	1.17
80	MP1B	Z	-14.945	1.17
81	MP1B	Mx	-.014	1.17
82	MP1B	X	-25.886	5.17
83	MP1B	Z	-14.945	5.17
84	MP1B	Mx	-.014	5.17
85	MP1C	X	-18.698	1.17
86	MP1C	Z	-10.795	1.17
87	MP1C	Mx	-.019	1.17
88	MP1C	X	-18.698	5.17
89	MP1C	Z	-10.795	5.17
90	MP1C	Mx	-.019	5.17
91	M77	X	-7.679	6.25
92	M77	Z	-4.434	6.25
93	M77	Mx	-.001	6.25
94	M77	X	-7.679	6.25
95	M77	Z	-4.434	6.25
96	M77	Mx	.001	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-16.28	1.17
2	MP2A	Z	-28.198	1.17
3	MP2A	Mx	.025	1.17
4	MP2A	X	-16.28	5.17
5	MP2A	Z	-28.198	5.17
6	MP2A	Mx	.025	5.17
7	MP2B	X	-21.118	1.17
8	MP2B	Z	-36.577	1.17
9	MP2B	Mx	.028	1.17
10	MP2B	X	-21.118	5.17
11	MP2B	Z	-36.577	5.17
12	MP2B	Mx	.028	5.17
13	MP2C	X	-16.28	1.17
14	MP2C	Z	-28.198	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP2C	Mx	-.018	1.17
16	MP2C	X	-16.28	5.17
17	MP2C	Z	-28.198	5.17
18	MP2C	Mx	-.018	5.17
19	MP2A	X	-16.28	1.17
20	MP2A	Z	-28.198	1.17
21	MP2A	Mx	.018	1.17
22	MP2A	X	-16.28	5.17
23	MP2A	Z	-28.198	5.17
24	MP2A	Mx	.018	5.17
25	MP2B	X	-21.118	1.17
26	MP2B	Z	-36.577	1.17
27	MP2B	Mx	-.028	1.17
28	MP2B	X	-21.118	5.17
29	MP2B	Z	-36.577	5.17
30	MP2B	Mx	-.028	5.17
31	MP2C	X	-16.28	1.17
32	MP2C	Z	-28.198	1.17
33	MP2C	Mx	-.025	1.17
34	MP2C	X	-16.28	5.17
35	MP2C	Z	-28.198	5.17
36	MP2C	Mx	-.025	5.17
37	MP4A	X	-4.889	2.17
38	MP4A	Z	-8.467	2.17
39	MP4A	Mx	.006	2.17
40	MP4A	X	-4.889	4.17
41	MP4A	Z	-8.467	4.17
42	MP4A	Mx	.006	4.17
43	MP4B	X	-10.589	2.17
44	MP4B	Z	-18.34	2.17
45	MP4B	Mx	0	2.17
46	MP4B	X	-10.589	4.17
47	MP4B	Z	-18.34	4.17
48	MP4B	Mx	0	4.17
49	MP4C	X	-4.889	2.17
50	MP4C	Z	-8.467	2.17
51	MP4C	Mx	-.006	2.17
52	MP4C	X	-4.889	4.17
53	MP4C	Z	-8.467	4.17
54	MP4C	Mx	-.006	4.17
55	MP2A	X	-8.479	4
56	MP2A	Z	-14.686	4
57	MP2A	Mx	-.004	4
58	MP2B	X	-7.152	4
59	MP2B	Z	-12.387	4
60	MP2B	Mx	-.006	4
61	MP2C	X	-8.479	4
62	MP2C	Z	-14.686	4
63	MP2C	Mx	.004	4
64	MP3A	X	-8.227	4
65	MP3A	Z	-14.249	4
66	MP3A	Mx	-.004	4
67	MP3B	X	-6.395	4
68	MP3B	Z	-11.077	4
69	MP3B	Mx	-.006	4
70	MP3C	X	-8.227	4
71	MP3C	Z	-14.249	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP3C	Mx	.004	4
73	MP1A	X	-10.226	1.17
74	MP1A	Z	-17.712	1.17
75	MP1A	Mx	.024	1.17
76	MP1A	X	-10.226	5.17
77	MP1A	Z	-17.712	5.17
78	MP1A	Mx	.024	5.17
79	MP1B	X	-16.584	1.17
80	MP1B	Z	-28.724	1.17
81	MP1B	Mx	0	1.17
82	MP1B	X	-16.584	5.17
83	MP1B	Z	-28.724	5.17
84	MP1B	Mx	0	5.17
85	MP1C	X	-10.226	1.17
86	MP1C	Z	-17.712	1.17
87	MP1C	Mx	-.018	1.17
88	MP1C	X	-10.226	5.17
89	MP1C	Z	-17.712	5.17
90	MP1C	Mx	-.018	5.17
91	M77	X	-5.192	6.25
92	M77	Z	-8.992	6.25
93	M77	Mx	0	6.25
94	M77	X	-5.192	6.25
95	M77	Z	-8.992	6.25
96	M77	Mx	0	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.17
2	MP2A	Z	-4.97	1.17
3	MP2A	Mx	.002	1.17
4	MP2A	X	0	5.17
5	MP2A	Z	-4.97	5.17
6	MP2A	Mx	.002	5.17
7	MP2B	X	0	1.17
8	MP2B	Z	-5.988	1.17
9	MP2B	Mx	.005	1.17
10	MP2B	X	0	5.17
11	MP2B	Z	-5.988	5.17
12	MP2B	Mx	.005	5.17
13	MP2C	X	0	1.17
14	MP2C	Z	-5.446	1.17
15	MP2C	Mx	-.000448	1.17
16	MP2C	X	0	5.17
17	MP2C	Z	-5.446	5.17
18	MP2C	Mx	-.000448	5.17
19	MP2A	X	0	1.17
20	MP2A	Z	-4.97	1.17
21	MP2A	Mx	.004	1.17
22	MP2A	X	0	5.17
23	MP2A	Z	-4.97	5.17
24	MP2A	Mx	.004	5.17
25	MP2B	X	0	1.17
26	MP2B	Z	-5.988	1.17
27	MP2B	Mx	-.001	1.17
28	MP2B	X	0	5.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	-5.988	5.17
30	MP2B	Mx	-.001	5.17
31	MP2C	X	0	1.17
32	MP2C	Z	-5.446	1.17
33	MP2C	Mx	-.005	1.17
34	MP2C	X	0	5.17
35	MP2C	Z	-5.446	5.17
36	MP2C	Mx	-.005	5.17
37	MP4A	X	0	2.17
38	MP4A	Z	-2.938	2.17
39	MP4A	Mx	.002	2.17
40	MP4A	X	0	4.17
41	MP4A	Z	-2.938	4.17
42	MP4A	Mx	.002	4.17
43	MP4B	X	0	2.17
44	MP4B	Z	-5.383	2.17
45	MP4B	Mx	.002	2.17
46	MP4B	X	0	4.17
47	MP4B	Z	-5.383	4.17
48	MP4B	Mx	.002	4.17
49	MP4C	X	0	2.17
50	MP4C	Z	-4.082	2.17
51	MP4C	Mx	-.002	2.17
52	MP4C	X	0	4.17
53	MP4C	Z	-4.082	4.17
54	MP4C	Mx	-.002	4.17
55	MP2A	X	0	4
56	MP2A	Z	-4.171	4
57	MP2A	Mx	0	4
58	MP2B	X	0	4
59	MP2B	Z	-2.799	4
60	MP2B	Mx	-.001	4
61	MP2C	X	0	4
62	MP2C	Z	-4.171	4
63	MP2C	Mx	0	4
64	MP3A	X	0	4
65	MP3A	Z	-4.171	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	-2.287	4
69	MP3B	Mx	-.001	4
70	MP3C	X	0	4
71	MP3C	Z	-4.171	4
72	MP3C	Mx	0	4
73	MP1A	X	0	1.17
74	MP1A	Z	-6.156	1.17
75	MP1A	Mx	.007	1.17
76	MP1A	X	0	5.17
77	MP1A	Z	-6.156	5.17
78	MP1A	Mx	.007	5.17
79	MP1B	X	0	1.17
80	MP1B	Z	-9.074	1.17
81	MP1B	Mx	.004	1.17
82	MP1B	X	0	5.17
83	MP1B	Z	-9.074	5.17
84	MP1B	Mx	.004	5.17
85	MP1C	X	0	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
86	MP1C	Z	-7.522	1.17
87	MP1C	Mx	-0.005	1.17
88	MP1C	X	0	5.17
89	MP1C	Z	-7.522	5.17
90	MP1C	Mx	-0.005	5.17
91	M77	X	0	6.25
92	M77	Z	-2.133	6.25
93	M77	Mx	.000267	6.25
94	M77	X	0	6.25
95	M77	Z	-2.133	6.25
96	M77	Mx	-.000267	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	2.863	1.17
2	MP2A	Z	-4.958	1.17
3	MP2A	Mx	-.000471	1.17
4	MP2A	X	2.863	5.17
5	MP2A	Z	-4.958	5.17
6	MP2A	Mx	-.000471	5.17
7	MP2B	X	2.592	1.17
8	MP2B	Z	-4.49	1.17
9	MP2B	Mx	.005	1.17
10	MP2B	X	2.592	5.17
11	MP2B	Z	-4.49	5.17
12	MP2B	Mx	.005	5.17
13	MP2C	X	3.101	1.17
14	MP2C	Z	-5.371	1.17
15	MP2C	Mx	.002	1.17
16	MP2C	X	3.101	5.17
17	MP2C	Z	-5.371	5.17
18	MP2C	Mx	.002	5.17
19	MP2A	X	2.863	1.17
20	MP2A	Z	-4.958	1.17
21	MP2A	Mx	.005	1.17
22	MP2A	X	2.863	5.17
23	MP2A	Z	-4.958	5.17
24	MP2A	Mx	.005	5.17
25	MP2B	X	2.592	1.17
26	MP2B	Z	-4.49	1.17
27	MP2B	Mx	.001	1.17
28	MP2B	X	2.592	5.17
29	MP2B	Z	-4.49	5.17
30	MP2B	Mx	.001	5.17
31	MP2C	X	3.101	1.17
32	MP2C	Z	-5.371	1.17
33	MP2C	Mx	-.005	1.17
34	MP2C	X	3.101	5.17
35	MP2C	Z	-5.371	5.17
36	MP2C	Mx	-.005	5.17
37	MP4A	X	2.376	2.17
38	MP4A	Z	-4.116	2.17
39	MP4A	Mx	.002	2.17
40	MP4A	X	2.376	4.17
41	MP4A	Z	-4.116	4.17
42	MP4A	Mx	.002	4.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP4B	X	1.726	2.17
44	MP4B	Z	-2.989	2.17
45	MP4B	Mx	.002	2.17
46	MP4B	X	1.726	4.17
47	MP4B	Z	-2.989	4.17
48	MP4B	Mx	.002	4.17
49	MP4C	X	2.949	2.17
50	MP4C	Z	-5.107	2.17
51	MP4C	Mx	-.001	2.17
52	MP4C	X	2.949	4.17
53	MP4C	Z	-5.107	4.17
54	MP4C	Mx	-.001	4.17
55	MP2A	X	1.914	4
56	MP2A	Z	-3.315	4
57	MP2A	Mx	.000957	4
58	MP2B	X	1.571	4
59	MP2B	Z	-2.721	4
60	MP2B	Mx	-.001	4
61	MP2C	X	1.914	4
62	MP2C	Z	-3.315	4
63	MP2C	Mx	-.000957	4
64	MP3A	X	1.85	4
65	MP3A	Z	-3.204	4
66	MP3A	Mx	.000925	4
67	MP3B	X	1.379	4
68	MP3B	Z	-2.389	4
69	MP3B	Mx	-.001	4
70	MP3C	X	1.85	4
71	MP3C	Z	-3.204	4
72	MP3C	Mx	-.000925	4
73	MP1A	X	4.161	1.17
74	MP1A	Z	-7.207	1.17
75	MP1A	Mx	.006	1.17
76	MP1A	X	4.161	5.17
77	MP1A	Z	-7.207	5.17
78	MP1A	Mx	.006	5.17
79	MP1B	X	3.385	1.17
80	MP1B	Z	-5.862	1.17
81	MP1B	Mx	.005	1.17
82	MP1B	X	3.385	5.17
83	MP1B	Z	-5.862	5.17
84	MP1B	Mx	.005	5.17
85	MP1C	X	4.844	1.17
86	MP1C	Z	-8.389	1.17
87	MP1C	Mx	-.003	1.17
88	MP1C	X	4.844	5.17
89	MP1C	Z	-8.389	5.17
90	MP1C	Mx	-.003	5.17
91	M77	X	.617	6.25
92	M77	Z	-1.068	6.25
93	M77	Mx	.000267	6.25
94	M77	X	.617	6.25
95	M77	Z	-1.068	6.25
96	M77	Mx	-.000267	6.25

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	5.492	1.17
2	MP2A	Z	-3.171	1.17
3	MP2A	Mx	-.003	1.17
4	MP2A	X	5.492	5.17
5	MP2A	Z	-3.171	5.17
6	MP2A	Mx	-.003	5.17
7	MP2B	X	4.141	1.17
8	MP2B	Z	-2.391	1.17
9	MP2B	Mx	.003	1.17
10	MP2B	X	4.141	5.17
11	MP2B	Z	-2.391	5.17
12	MP2B	Mx	.003	5.17
13	MP2C	X	5.492	1.17
14	MP2C	Z	-3.171	1.17
15	MP2C	Mx	.005	1.17
16	MP2C	X	5.492	5.17
17	MP2C	Z	-3.171	5.17
18	MP2C	Mx	.005	5.17
19	MP2A	X	5.492	1.17
20	MP2A	Z	-3.171	1.17
21	MP2A	Mx	.005	1.17
22	MP2A	X	5.492	5.17
23	MP2A	Z	-3.171	5.17
24	MP2A	Mx	.005	5.17
25	MP2B	X	4.141	1.17
26	MP2B	Z	-2.391	1.17
27	MP2B	Mx	.003	1.17
28	MP2B	X	4.141	5.17
29	MP2B	Z	-2.391	5.17
30	MP2B	Mx	.003	5.17
31	MP2C	X	5.492	1.17
32	MP2C	Z	-3.171	1.17
33	MP2C	Mx	-.003	1.17
34	MP2C	X	5.492	5.17
35	MP2C	Z	-3.171	5.17
36	MP2C	Mx	-.003	5.17
37	MP4A	X	5.398	2.17
38	MP4A	Z	-3.116	2.17
39	MP4A	Mx	.000721	2.17
40	MP4A	X	5.398	4.17
41	MP4A	Z	-3.116	4.17
42	MP4A	Mx	.000721	4.17
43	MP4B	X	2.153	2.17
44	MP4B	Z	-1.243	2.17
45	MP4B	Mx	.002	2.17
46	MP4B	X	2.153	4.17
47	MP4B	Z	-1.243	4.17
48	MP4B	Mx	.002	4.17
49	MP4C	X	5.398	2.17
50	MP4C	Z	-3.116	2.17
51	MP4C	Mx	.000722	2.17
52	MP4C	X	5.398	4.17
53	MP4C	Z	-3.116	4.17
54	MP4C	Mx	.000722	4.17
55	MP2A	X	2.721	4
56	MP2A	Z	-1.571	4
57	MP2A	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	3.315	4
59	MP2B	Z	-1.914	4
60	MP2B	Mx	-.000957	4
61	MP2C	X	2.721	4
62	MP2C	Z	-1.571	4
63	MP2C	Mx	-.001	4
64	MP3A	X	2.389	4
65	MP3A	Z	-1.379	4
66	MP3A	Mx	.001	4
67	MP3B	X	3.204	4
68	MP3B	Z	-1.85	4
69	MP3B	Mx	-.000925	4
70	MP3C	X	2.389	4
71	MP3C	Z	-1.379	4
72	MP3C	Mx	-.001	4
73	MP1A	X	8.736	1.17
74	MP1A	Z	-5.044	1.17
75	MP1A	Mx	.002	1.17
76	MP1A	X	8.736	5.17
77	MP1A	Z	-5.044	5.17
78	MP1A	Mx	.002	5.17
79	MP1B	X	4.865	1.17
80	MP1B	Z	-2.809	1.17
81	MP1B	Mx	.005	1.17
82	MP1B	X	4.865	5.17
83	MP1B	Z	-2.809	5.17
84	MP1B	Mx	.005	5.17
85	MP1C	X	8.736	1.17
86	MP1C	Z	-5.044	1.17
87	MP1C	Mx	.002	1.17
88	MP1C	X	8.736	5.17
89	MP1C	Z	-5.044	5.17
90	MP1C	Mx	.002	5.17
91	M77	X	.679	6.25
92	M77	Z	-.392	6.25
93	M77	Mx	.000196	6.25
94	M77	X	.679	6.25
95	M77	Z	-.392	6.25
96	M77	Mx	-.000196	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	6.202	1.17
2	MP2A	Z	0	1.17
3	MP2A	Mx	-.005	1.17
4	MP2A	X	6.202	5.17
5	MP2A	Z	0	5.17
6	MP2A	Mx	-.005	5.17
7	MP2B	X	5.184	1.17
8	MP2B	Z	0	1.17
9	MP2B	Mx	.001	1.17
10	MP2B	X	5.184	5.17
11	MP2B	Z	0	5.17
12	MP2B	Mx	.001	5.17
13	MP2C	X	5.726	1.17
14	MP2C	Z	0	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP2C	Mx	.005	1.17
16	MP2C	X	5.726	5.17
17	MP2C	Z	0	5.17
18	MP2C	Mx	.005	5.17
19	MP2A	X	6.202	1.17
20	MP2A	Z	0	1.17
21	MP2A	Mx	.002	1.17
22	MP2A	X	6.202	5.17
23	MP2A	Z	0	5.17
24	MP2A	Mx	.002	5.17
25	MP2B	X	5.184	1.17
26	MP2B	Z	0	1.17
27	MP2B	Mx	.005	1.17
28	MP2B	X	5.184	5.17
29	MP2B	Z	0	5.17
30	MP2B	Mx	.005	5.17
31	MP2C	X	5.726	1.17
32	MP2C	Z	0	1.17
33	MP2C	Mx	-.000471	1.17
34	MP2C	X	5.726	5.17
35	MP2C	Z	0	5.17
36	MP2C	Mx	-.000471	5.17
37	MP4A	X	5.897	2.17
38	MP4A	Z	0	2.17
39	MP4A	Mx	-.001	2.17
40	MP4A	X	5.897	4.17
41	MP4A	Z	0	4.17
42	MP4A	Mx	-.001	4.17
43	MP4B	X	3.452	2.17
44	MP4B	Z	0	2.17
45	MP4B	Mx	.002	2.17
46	MP4B	X	3.452	4.17
47	MP4B	Z	0	4.17
48	MP4B	Mx	.002	4.17
49	MP4C	X	4.753	2.17
50	MP4C	Z	0	2.17
51	MP4C	Mx	.002	2.17
52	MP4C	X	4.753	4.17
53	MP4C	Z	0	4.17
54	MP4C	Mx	.002	4.17
55	MP2A	X	2.799	4
56	MP2A	Z	0	4
57	MP2A	Mx	.001	4
58	MP2B	X	4.171	4
59	MP2B	Z	0	4
60	MP2B	Mx	0	4
61	MP2C	X	2.799	4
62	MP2C	Z	0	4
63	MP2C	Mx	-.001	4
64	MP3A	X	2.287	4
65	MP3A	Z	0	4
66	MP3A	Mx	.001	4
67	MP3B	X	4.171	4
68	MP3B	Z	0	4
69	MP3B	Mx	0	4
70	MP3C	X	2.287	4
71	MP3C	Z	0	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP3C	Mx	-.001	4
73	MP1A	X	9.687	1.17
74	MP1A	Z	0	1.17
75	MP1A	Mx	-.004	1.17
76	MP1A	X	9.687	5.17
77	MP1A	Z	0	5.17
78	MP1A	Mx	-.004	5.17
79	MP1B	X	6.769	1.17
80	MP1B	Z	0	1.17
81	MP1B	Mx	.005	1.17
82	MP1B	X	6.769	5.17
83	MP1B	Z	0	5.17
84	MP1B	Mx	.005	5.17
85	MP1C	X	8.322	1.17
86	MP1C	Z	0	1.17
87	MP1C	Mx	.005	1.17
88	MP1C	X	8.322	5.17
89	MP1C	Z	0	5.17
90	MP1C	Mx	.005	5.17
91	M77	X	1.234	6.25
92	M77	Z	0	6.25
93	M77	Mx	.000267	6.25
94	M77	X	1.234	6.25
95	M77	Z	0	6.25
96	M77	Mx	-.000267	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	4.717	1.17
2	MP2A	Z	2.723	1.17
3	MP2A	Mx	-.005	1.17
4	MP2A	X	4.717	5.17
5	MP2A	Z	2.723	5.17
6	MP2A	Mx	-.005	5.17
7	MP2B	X	5.186	1.17
8	MP2B	Z	2.994	1.17
9	MP2B	Mx	-.001	1.17
10	MP2B	X	5.186	5.17
11	MP2B	Z	2.994	5.17
12	MP2B	Mx	-.001	5.17
13	MP2C	X	4.304	1.17
14	MP2C	Z	2.485	1.17
15	MP2C	Mx	.004	1.17
16	MP2C	X	4.304	5.17
17	MP2C	Z	2.485	5.17
18	MP2C	Mx	.004	5.17
19	MP2A	X	4.717	1.17
20	MP2A	Z	2.723	1.17
21	MP2A	Mx	-.000447	1.17
22	MP2A	X	4.717	5.17
23	MP2A	Z	2.723	5.17
24	MP2A	Mx	-.000447	5.17
25	MP2B	X	5.186	1.17
26	MP2B	Z	2.994	1.17
27	MP2B	Mx	.005	1.17
28	MP2B	X	5.186	5.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	2.994	5.17
30	MP2B	Mx	.005	5.17
31	MP2C	X	4.304	1.17
32	MP2C	Z	2.485	1.17
33	MP2C	Mx	.002	1.17
34	MP2C	X	4.304	5.17
35	MP2C	Z	2.485	5.17
36	MP2C	Mx	.002	5.17
37	MP4A	X	3.535	2.17
38	MP4A	Z	2.041	2.17
39	MP4A	Mx	-.002	2.17
40	MP4A	X	3.535	4.17
41	MP4A	Z	2.041	4.17
42	MP4A	Mx	-.002	4.17
43	MP4B	X	4.662	2.17
44	MP4B	Z	2.692	2.17
45	MP4B	Mx	.002	2.17
46	MP4B	X	4.662	4.17
47	MP4B	Z	2.692	4.17
48	MP4B	Mx	.002	4.17
49	MP4C	X	2.544	2.17
50	MP4C	Z	1.469	2.17
51	MP4C	Mx	.002	2.17
52	MP4C	X	2.544	4.17
53	MP4C	Z	1.469	4.17
54	MP4C	Mx	.002	4.17
55	MP2A	X	2.721	4
56	MP2A	Z	1.571	4
57	MP2A	Mx	.001	4
58	MP2B	X	3.315	4
59	MP2B	Z	1.914	4
60	MP2B	Mx	.000957	4
61	MP2C	X	2.721	4
62	MP2C	Z	1.571	4
63	MP2C	Mx	-.001	4
64	MP3A	X	2.389	4
65	MP3A	Z	1.379	4
66	MP3A	Mx	.001	4
67	MP3B	X	3.204	4
68	MP3B	Z	1.85	4
69	MP3B	Mx	.000925	4
70	MP3C	X	2.389	4
71	MP3C	Z	1.379	4
72	MP3C	Mx	-.001	4
73	MP1A	X	6.514	1.17
74	MP1A	Z	3.761	1.17
75	MP1A	Mx	-.007	1.17
76	MP1A	X	6.514	5.17
77	MP1A	Z	3.761	5.17
78	MP1A	Mx	-.007	5.17
79	MP1B	X	7.858	1.17
80	MP1B	Z	4.537	1.17
81	MP1B	Mx	.004	1.17
82	MP1B	X	7.858	5.17
83	MP1B	Z	4.537	5.17
84	MP1B	Mx	.004	5.17
85	MP1C	X	5.332	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
86	MP1C	Z	3.078	1.17
87	MP1C	Mx	.005	1.17
88	MP1C	X	5.332	5.17
89	MP1C	Z	3.078	5.17
90	MP1C	Mx	.005	5.17
91	M77	X	1.848	6.25
92	M77	Z	1.067	6.25
93	M77	Mx	.000267	6.25
94	M77	X	1.848	6.25
95	M77	Z	1.067	6.25
96	M77	Mx	-.000267	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	2.415	1.17
2	MP2A	Z	4.183	1.17
3	MP2A	Mx	-.004	1.17
4	MP2A	X	2.415	5.17
5	MP2A	Z	4.183	5.17
6	MP2A	Mx	-.004	5.17
7	MP2B	X	3.195	1.17
8	MP2B	Z	5.534	1.17
9	MP2B	Mx	-.004	1.17
10	MP2B	X	3.195	5.17
11	MP2B	Z	5.534	5.17
12	MP2B	Mx	-.004	5.17
13	MP2C	X	2.415	1.17
14	MP2C	Z	4.183	1.17
15	MP2C	Mx	.003	1.17
16	MP2C	X	2.415	5.17
17	MP2C	Z	4.183	5.17
18	MP2C	Mx	.003	5.17
19	MP2A	X	2.415	1.17
20	MP2A	Z	4.183	1.17
21	MP2A	Mx	-.003	1.17
22	MP2A	X	2.415	5.17
23	MP2A	Z	4.183	5.17
24	MP2A	Mx	-.003	5.17
25	MP2B	X	3.195	1.17
26	MP2B	Z	5.534	1.17
27	MP2B	Mx	.004	1.17
28	MP2B	X	3.195	5.17
29	MP2B	Z	5.534	5.17
30	MP2B	Mx	.004	5.17
31	MP2C	X	2.415	1.17
32	MP2C	Z	4.183	1.17
33	MP2C	Mx	.004	1.17
34	MP2C	X	2.415	5.17
35	MP2C	Z	4.183	5.17
36	MP2C	Mx	.004	5.17
37	MP4A	X	1.301	2.17
38	MP4A	Z	2.254	2.17
39	MP4A	Mx	-.002	2.17
40	MP4A	X	1.301	4.17
41	MP4A	Z	2.254	4.17
42	MP4A	Mx	-.002	4.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP4B	X	3.175	2.17
44	MP4B	Z	5.499	2.17
45	MP4B	Mx	0	2.17
46	MP4B	X	3.175	4.17
47	MP4B	Z	5.499	4.17
48	MP4B	Mx	0	4.17
49	MP4C	X	1.301	2.17
50	MP4C	Z	2.254	2.17
51	MP4C	Mx	.002	2.17
52	MP4C	X	1.301	4.17
53	MP4C	Z	2.254	4.17
54	MP4C	Mx	.002	4.17
55	MP2A	X	1.914	4
56	MP2A	Z	3.315	4
57	MP2A	Mx	.000957	4
58	MP2B	X	1.571	4
59	MP2B	Z	2.721	4
60	MP2B	Mx	.001	4
61	MP2C	X	1.914	4
62	MP2C	Z	3.315	4
63	MP2C	Mx	-.000957	4
64	MP3A	X	1.85	4
65	MP3A	Z	3.204	4
66	MP3A	Mx	.000925	4
67	MP3B	X	1.379	4
68	MP3B	Z	2.389	4
69	MP3B	Mx	.001	4
70	MP3C	X	1.85	4
71	MP3C	Z	3.204	4
72	MP3C	Mx	-.000925	4
73	MP1A	X	2.878	1.17
74	MP1A	Z	4.985	1.17
75	MP1A	Mx	-.007	1.17
76	MP1A	X	2.878	5.17
77	MP1A	Z	4.985	5.17
78	MP1A	Mx	-.007	5.17
79	MP1B	X	5.113	1.17
80	MP1B	Z	8.856	1.17
81	MP1B	Mx	0	1.17
82	MP1B	X	5.113	5.17
83	MP1B	Z	8.856	5.17
84	MP1B	Mx	0	5.17
85	MP1C	X	2.878	1.17
86	MP1C	Z	4.985	1.17
87	MP1C	Mx	.005	1.17
88	MP1C	X	2.878	5.17
89	MP1C	Z	4.985	5.17
90	MP1C	Mx	.005	5.17
91	M77	X	1.292	6.25
92	M77	Z	2.237	6.25
93	M77	Mx	0	6.25
94	M77	X	1.292	6.25
95	M77	Z	2.237	6.25
96	M77	Mx	0	6.25

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.17
2	MP2A	Z	4.97	1.17
3	MP2A	Mx	-.002	1.17
4	MP2A	X	0	5.17
5	MP2A	Z	4.97	5.17
6	MP2A	Mx	-.002	5.17
7	MP2B	X	0	1.17
8	MP2B	Z	5.988	1.17
9	MP2B	Mx	-.005	1.17
10	MP2B	X	0	5.17
11	MP2B	Z	5.988	5.17
12	MP2B	Mx	-.005	5.17
13	MP2C	X	0	1.17
14	MP2C	Z	5.446	1.17
15	MP2C	Mx	.000448	1.17
16	MP2C	X	0	5.17
17	MP2C	Z	5.446	5.17
18	MP2C	Mx	.000448	5.17
19	MP2A	X	0	1.17
20	MP2A	Z	4.97	1.17
21	MP2A	Mx	-.004	1.17
22	MP2A	X	0	5.17
23	MP2A	Z	4.97	5.17
24	MP2A	Mx	-.004	5.17
25	MP2B	X	0	1.17
26	MP2B	Z	5.988	1.17
27	MP2B	Mx	.001	1.17
28	MP2B	X	0	5.17
29	MP2B	Z	5.988	5.17
30	MP2B	Mx	.001	5.17
31	MP2C	X	0	1.17
32	MP2C	Z	5.446	1.17
33	MP2C	Mx	.005	1.17
34	MP2C	X	0	5.17
35	MP2C	Z	5.446	5.17
36	MP2C	Mx	.005	5.17
37	MP4A	X	0	2.17
38	MP4A	Z	2.938	2.17
39	MP4A	Mx	-.002	2.17
40	MP4A	X	0	4.17
41	MP4A	Z	2.938	4.17
42	MP4A	Mx	-.002	4.17
43	MP4B	X	0	2.17
44	MP4B	Z	5.383	2.17
45	MP4B	Mx	-.002	2.17
46	MP4B	X	0	4.17
47	MP4B	Z	5.383	4.17
48	MP4B	Mx	-.002	4.17
49	MP4C	X	0	2.17
50	MP4C	Z	4.082	2.17
51	MP4C	Mx	.002	2.17
52	MP4C	X	0	4.17
53	MP4C	Z	4.082	4.17
54	MP4C	Mx	.002	4.17
55	MP2A	X	0	4
56	MP2A	Z	4.171	4
57	MP2A	Mx	0	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	0	4
59	MP2B	Z	2.799	4
60	MP2B	Mx	.001	4
61	MP2C	X	0	4
62	MP2C	Z	4.171	4
63	MP2C	Mx	0	4
64	MP3A	X	0	4
65	MP3A	Z	4.171	4
66	MP3A	Mx	0	4
67	MP3B	X	0	4
68	MP3B	Z	2.287	4
69	MP3B	Mx	.001	4
70	MP3C	X	0	4
71	MP3C	Z	4.171	4
72	MP3C	Mx	0	4
73	MP1A	X	0	1.17
74	MP1A	Z	6.156	1.17
75	MP1A	Mx	-.007	1.17
76	MP1A	X	0	5.17
77	MP1A	Z	6.156	5.17
78	MP1A	Mx	-.007	5.17
79	MP1B	X	0	1.17
80	MP1B	Z	9.074	1.17
81	MP1B	Mx	-.004	1.17
82	MP1B	X	0	5.17
83	MP1B	Z	9.074	5.17
84	MP1B	Mx	-.004	5.17
85	MP1C	X	0	1.17
86	MP1C	Z	7.522	1.17
87	MP1C	Mx	.005	1.17
88	MP1C	X	0	5.17
89	MP1C	Z	7.522	5.17
90	MP1C	Mx	.005	5.17
91	M77	X	0	6.25
92	M77	Z	2.133	6.25
93	M77	Mx	-.000267	6.25
94	M77	X	0	6.25
95	M77	Z	2.133	6.25
96	M77	Mx	.000267	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-2.863	1.17
2	MP2A	Z	4.958	1.17
3	MP2A	Mx	.000471	1.17
4	MP2A	X	-2.863	5.17
5	MP2A	Z	4.958	5.17
6	MP2A	Mx	.000471	5.17
7	MP2B	X	-2.592	1.17
8	MP2B	Z	4.49	1.17
9	MP2B	Mx	-.005	1.17
10	MP2B	X	-2.592	5.17
11	MP2B	Z	4.49	5.17
12	MP2B	Mx	-.005	5.17
13	MP2C	X	-3.101	1.17
14	MP2C	Z	5.371	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP2C	Mx	-.002	1.17
16	MP2C	X	-3.101	5.17
17	MP2C	Z	5.371	5.17
18	MP2C	Mx	-.002	5.17
19	MP2A	X	-2.863	1.17
20	MP2A	Z	4.958	1.17
21	MP2A	Mx	-.005	1.17
22	MP2A	X	-2.863	5.17
23	MP2A	Z	4.958	5.17
24	MP2A	Mx	-.005	5.17
25	MP2B	X	-2.592	1.17
26	MP2B	Z	4.49	1.17
27	MP2B	Mx	-.001	1.17
28	MP2B	X	-2.592	5.17
29	MP2B	Z	4.49	5.17
30	MP2B	Mx	-.001	5.17
31	MP2C	X	-3.101	1.17
32	MP2C	Z	5.371	1.17
33	MP2C	Mx	.005	1.17
34	MP2C	X	-3.101	5.17
35	MP2C	Z	5.371	5.17
36	MP2C	Mx	.005	5.17
37	MP4A	X	-2.376	2.17
38	MP4A	Z	4.116	2.17
39	MP4A	Mx	-.002	2.17
40	MP4A	X	-2.376	4.17
41	MP4A	Z	4.116	4.17
42	MP4A	Mx	-.002	4.17
43	MP4B	X	-1.726	2.17
44	MP4B	Z	2.989	2.17
45	MP4B	Mx	-.002	2.17
46	MP4B	X	-1.726	4.17
47	MP4B	Z	2.989	4.17
48	MP4B	Mx	-.002	4.17
49	MP4C	X	-2.949	2.17
50	MP4C	Z	5.107	2.17
51	MP4C	Mx	.001	2.17
52	MP4C	X	-2.949	4.17
53	MP4C	Z	5.107	4.17
54	MP4C	Mx	.001	4.17
55	MP2A	X	-1.914	4
56	MP2A	Z	3.315	4
57	MP2A	Mx	-.000957	4
58	MP2B	X	-1.571	4
59	MP2B	Z	2.721	4
60	MP2B	Mx	.001	4
61	MP2C	X	-1.914	4
62	MP2C	Z	3.315	4
63	MP2C	Mx	.000957	4
64	MP3A	X	-1.85	4
65	MP3A	Z	3.204	4
66	MP3A	Mx	-.000925	4
67	MP3B	X	-1.379	4
68	MP3B	Z	2.389	4
69	MP3B	Mx	.001	4
70	MP3C	X	-1.85	4
71	MP3C	Z	3.204	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP3C	Mx	.000925	4
73	MP1A	X	-4.161	1.17
74	MP1A	Z	7.207	1.17
75	MP1A	Mx	-.006	1.17
76	MP1A	X	-4.161	5.17
77	MP1A	Z	7.207	5.17
78	MP1A	Mx	-.006	5.17
79	MP1B	X	-3.385	1.17
80	MP1B	Z	5.862	1.17
81	MP1B	Mx	-.005	1.17
82	MP1B	X	-3.385	5.17
83	MP1B	Z	5.862	5.17
84	MP1B	Mx	-.005	5.17
85	MP1C	X	-4.844	1.17
86	MP1C	Z	8.389	1.17
87	MP1C	Mx	.003	1.17
88	MP1C	X	-4.844	5.17
89	MP1C	Z	8.389	5.17
90	MP1C	Mx	.003	5.17
91	M77	X	-.617	6.25
92	M77	Z	1.068	6.25
93	M77	Mx	-.000267	6.25
94	M77	X	-.617	6.25
95	M77	Z	1.068	6.25
96	M77	Mx	.000267	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-5.492	1.17
2	MP2A	Z	3.171	1.17
3	MP2A	Mx	.003	1.17
4	MP2A	X	-5.492	5.17
5	MP2A	Z	3.171	5.17
6	MP2A	Mx	.003	5.17
7	MP2B	X	-4.141	1.17
8	MP2B	Z	2.391	1.17
9	MP2B	Mx	-.003	1.17
10	MP2B	X	-4.141	5.17
11	MP2B	Z	2.391	5.17
12	MP2B	Mx	-.003	5.17
13	MP2C	X	-5.492	1.17
14	MP2C	Z	3.171	1.17
15	MP2C	Mx	-.005	1.17
16	MP2C	X	-5.492	5.17
17	MP2C	Z	3.171	5.17
18	MP2C	Mx	-.005	5.17
19	MP2A	X	-5.492	1.17
20	MP2A	Z	3.171	1.17
21	MP2A	Mx	-.005	1.17
22	MP2A	X	-5.492	5.17
23	MP2A	Z	3.171	5.17
24	MP2A	Mx	-.005	5.17
25	MP2B	X	-4.141	1.17
26	MP2B	Z	2.391	1.17
27	MP2B	Mx	-.003	1.17
28	MP2B	X	-4.141	5.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	2.391	5.17
30	MP2B	Mx	-.003	5.17
31	MP2C	X	-5.492	1.17
32	MP2C	Z	3.171	1.17
33	MP2C	Mx	.003	1.17
34	MP2C	X	-5.492	5.17
35	MP2C	Z	3.171	5.17
36	MP2C	Mx	.003	5.17
37	MP4A	X	-5.398	2.17
38	MP4A	Z	3.116	2.17
39	MP4A	Mx	-.000721	2.17
40	MP4A	X	-5.398	4.17
41	MP4A	Z	3.116	4.17
42	MP4A	Mx	-.000721	4.17
43	MP4B	X	-2.153	2.17
44	MP4B	Z	1.243	2.17
45	MP4B	Mx	-.002	2.17
46	MP4B	X	-2.153	4.17
47	MP4B	Z	1.243	4.17
48	MP4B	Mx	-.002	4.17
49	MP4C	X	-5.398	2.17
50	MP4C	Z	3.116	2.17
51	MP4C	Mx	-.000722	2.17
52	MP4C	X	-5.398	4.17
53	MP4C	Z	3.116	4.17
54	MP4C	Mx	-.000722	4.17
55	MP2A	X	-2.721	4
56	MP2A	Z	1.571	4
57	MP2A	Mx	-.001	4
58	MP2B	X	-3.315	4
59	MP2B	Z	1.914	4
60	MP2B	Mx	.000957	4
61	MP2C	X	-2.721	4
62	MP2C	Z	1.571	4
63	MP2C	Mx	.001	4
64	MP3A	X	-2.389	4
65	MP3A	Z	1.379	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-3.204	4
68	MP3B	Z	1.85	4
69	MP3B	Mx	.000925	4
70	MP3C	X	-2.389	4
71	MP3C	Z	1.379	4
72	MP3C	Mx	.001	4
73	MP1A	X	-8.736	1.17
74	MP1A	Z	5.044	1.17
75	MP1A	Mx	-.002	1.17
76	MP1A	X	-8.736	5.17
77	MP1A	Z	5.044	5.17
78	MP1A	Mx	-.002	5.17
79	MP1B	X	-4.865	1.17
80	MP1B	Z	2.809	1.17
81	MP1B	Mx	-.005	1.17
82	MP1B	X	-4.865	5.17
83	MP1B	Z	2.809	5.17
84	MP1B	Mx	-.005	5.17
85	MP1C	X	-8.736	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
86	MP1C	Z	5.044	1.17
87	MP1C	Mx	-.002	1.17
88	MP1C	X	-8.736	5.17
89	MP1C	Z	5.044	5.17
90	MP1C	Mx	-.002	5.17
91	M77	X	-.679	6.25
92	M77	Z	.392	6.25
93	M77	Mx	-.000196	6.25
94	M77	X	-.679	6.25
95	M77	Z	.392	6.25
96	M77	Mx	.000196	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-6.202	1.17
2	MP2A	Z	0	1.17
3	MP2A	Mx	.005	1.17
4	MP2A	X	-6.202	5.17
5	MP2A	Z	0	5.17
6	MP2A	Mx	.005	5.17
7	MP2B	X	-5.184	1.17
8	MP2B	Z	0	1.17
9	MP2B	Mx	-.001	1.17
10	MP2B	X	-5.184	5.17
11	MP2B	Z	0	5.17
12	MP2B	Mx	-.001	5.17
13	MP2C	X	-5.726	1.17
14	MP2C	Z	0	1.17
15	MP2C	Mx	-.005	1.17
16	MP2C	X	-5.726	5.17
17	MP2C	Z	0	5.17
18	MP2C	Mx	-.005	5.17
19	MP2A	X	-6.202	1.17
20	MP2A	Z	0	1.17
21	MP2A	Mx	-.002	1.17
22	MP2A	X	-6.202	5.17
23	MP2A	Z	0	5.17
24	MP2A	Mx	-.002	5.17
25	MP2B	X	-5.184	1.17
26	MP2B	Z	0	1.17
27	MP2B	Mx	-.005	1.17
28	MP2B	X	-5.184	5.17
29	MP2B	Z	0	5.17
30	MP2B	Mx	-.005	5.17
31	MP2C	X	-5.726	1.17
32	MP2C	Z	0	1.17
33	MP2C	Mx	.000471	1.17
34	MP2C	X	-5.726	5.17
35	MP2C	Z	0	5.17
36	MP2C	Mx	.000471	5.17
37	MP4A	X	-5.897	2.17
38	MP4A	Z	0	2.17
39	MP4A	Mx	.001	2.17
40	MP4A	X	-5.897	4.17
41	MP4A	Z	0	4.17
42	MP4A	Mx	.001	4.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP4B	X	-3.452	2.17
44	MP4B	Z	0	2.17
45	MP4B	Mx	-.002	2.17
46	MP4B	X	-3.452	4.17
47	MP4B	Z	0	4.17
48	MP4B	Mx	-.002	4.17
49	MP4C	X	-4.753	2.17
50	MP4C	Z	0	2.17
51	MP4C	Mx	-.002	2.17
52	MP4C	X	-4.753	4.17
53	MP4C	Z	0	4.17
54	MP4C	Mx	-.002	4.17
55	MP2A	X	-2.799	4
56	MP2A	Z	0	4
57	MP2A	Mx	-.001	4
58	MP2B	X	-4.171	4
59	MP2B	Z	0	4
60	MP2B	Mx	0	4
61	MP2C	X	-2.799	4
62	MP2C	Z	0	4
63	MP2C	Mx	.001	4
64	MP3A	X	-2.287	4
65	MP3A	Z	0	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-4.171	4
68	MP3B	Z	0	4
69	MP3B	Mx	0	4
70	MP3C	X	-2.287	4
71	MP3C	Z	0	4
72	MP3C	Mx	.001	4
73	MP1A	X	-9.687	1.17
74	MP1A	Z	0	1.17
75	MP1A	Mx	.004	1.17
76	MP1A	X	-9.687	5.17
77	MP1A	Z	0	5.17
78	MP1A	Mx	.004	5.17
79	MP1B	X	-6.769	1.17
80	MP1B	Z	0	1.17
81	MP1B	Mx	-.005	1.17
82	MP1B	X	-6.769	5.17
83	MP1B	Z	0	5.17
84	MP1B	Mx	-.005	5.17
85	MP1C	X	-8.322	1.17
86	MP1C	Z	0	1.17
87	MP1C	Mx	-.005	1.17
88	MP1C	X	-8.322	5.17
89	MP1C	Z	0	5.17
90	MP1C	Mx	-.005	5.17
91	M77	X	-1.234	6.25
92	M77	Z	0	6.25
93	M77	Mx	-.000267	6.25
94	M77	X	-1.234	6.25
95	M77	Z	0	6.25
96	M77	Mx	.000267	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-4.717	1.17
2	MP2A	Z	-2.723	1.17
3	MP2A	Mx	.005	1.17
4	MP2A	X	-4.717	5.17
5	MP2A	Z	-2.723	5.17
6	MP2A	Mx	.005	5.17
7	MP2B	X	-5.186	1.17
8	MP2B	Z	-2.994	1.17
9	MP2B	Mx	.001	1.17
10	MP2B	X	-5.186	5.17
11	MP2B	Z	-2.994	5.17
12	MP2B	Mx	.001	5.17
13	MP2C	X	-4.304	1.17
14	MP2C	Z	-2.485	1.17
15	MP2C	Mx	-.004	1.17
16	MP2C	X	-4.304	5.17
17	MP2C	Z	-2.485	5.17
18	MP2C	Mx	-.004	5.17
19	MP2A	X	-4.717	1.17
20	MP2A	Z	-2.723	1.17
21	MP2A	Mx	.000447	1.17
22	MP2A	X	-4.717	5.17
23	MP2A	Z	-2.723	5.17
24	MP2A	Mx	.000447	5.17
25	MP2B	X	-5.186	1.17
26	MP2B	Z	-2.994	1.17
27	MP2B	Mx	-.005	1.17
28	MP2B	X	-5.186	5.17
29	MP2B	Z	-2.994	5.17
30	MP2B	Mx	-.005	5.17
31	MP2C	X	-4.304	1.17
32	MP2C	Z	-2.485	1.17
33	MP2C	Mx	-.002	1.17
34	MP2C	X	-4.304	5.17
35	MP2C	Z	-2.485	5.17
36	MP2C	Mx	-.002	5.17
37	MP4A	X	-3.535	2.17
38	MP4A	Z	-2.041	2.17
39	MP4A	Mx	.002	2.17
40	MP4A	X	-3.535	4.17
41	MP4A	Z	-2.041	4.17
42	MP4A	Mx	.002	4.17
43	MP4B	X	-4.662	2.17
44	MP4B	Z	-2.692	2.17
45	MP4B	Mx	-.002	2.17
46	MP4B	X	-4.662	4.17
47	MP4B	Z	-2.692	4.17
48	MP4B	Mx	-.002	4.17
49	MP4C	X	-2.544	2.17
50	MP4C	Z	-1.469	2.17
51	MP4C	Mx	-.002	2.17
52	MP4C	X	-2.544	4.17
53	MP4C	Z	-1.469	4.17
54	MP4C	Mx	-.002	4.17
55	MP2A	X	-2.721	4
56	MP2A	Z	-1.571	4
57	MP2A	Mx	-.001	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2B	X	-3.315	4
59	MP2B	Z	-1.914	4
60	MP2B	Mx	-.000957	4
61	MP2C	X	-2.721	4
62	MP2C	Z	-1.571	4
63	MP2C	Mx	.001	4
64	MP3A	X	-2.389	4
65	MP3A	Z	-1.379	4
66	MP3A	Mx	-.001	4
67	MP3B	X	-3.204	4
68	MP3B	Z	-1.85	4
69	MP3B	Mx	-.000925	4
70	MP3C	X	-2.389	4
71	MP3C	Z	-1.379	4
72	MP3C	Mx	.001	4
73	MP1A	X	-6.514	1.17
74	MP1A	Z	-3.761	1.17
75	MP1A	Mx	.007	1.17
76	MP1A	X	-6.514	5.17
77	MP1A	Z	-3.761	5.17
78	MP1A	Mx	.007	5.17
79	MP1B	X	-7.858	1.17
80	MP1B	Z	-4.537	1.17
81	MP1B	Mx	-.004	1.17
82	MP1B	X	-7.858	5.17
83	MP1B	Z	-4.537	5.17
84	MP1B	Mx	-.004	5.17
85	MP1C	X	-5.332	1.17
86	MP1C	Z	-3.078	1.17
87	MP1C	Mx	-.005	1.17
88	MP1C	X	-5.332	5.17
89	MP1C	Z	-3.078	5.17
90	MP1C	Mx	-.005	5.17
91	M77	X	-1.848	6.25
92	M77	Z	-1.067	6.25
93	M77	Mx	-.000267	6.25
94	M77	X	-1.848	6.25
95	M77	Z	-1.067	6.25
96	M77	Mx	.000267	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-2.415	1.17
2	MP2A	Z	-4.183	1.17
3	MP2A	Mx	.004	1.17
4	MP2A	X	-2.415	5.17
5	MP2A	Z	-4.183	5.17
6	MP2A	Mx	.004	5.17
7	MP2B	X	-3.195	1.17
8	MP2B	Z	-5.534	1.17
9	MP2B	Mx	.004	1.17
10	MP2B	X	-3.195	5.17
11	MP2B	Z	-5.534	5.17
12	MP2B	Mx	.004	5.17
13	MP2C	X	-2.415	1.17
14	MP2C	Z	-4.183	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP2C	Mx	-.003	1.17
16	MP2C	X	-2.415	5.17
17	MP2C	Z	-4.183	5.17
18	MP2C	Mx	-.003	5.17
19	MP2A	X	-2.415	1.17
20	MP2A	Z	-4.183	1.17
21	MP2A	Mx	.003	1.17
22	MP2A	X	-2.415	5.17
23	MP2A	Z	-4.183	5.17
24	MP2A	Mx	.003	5.17
25	MP2B	X	-3.195	1.17
26	MP2B	Z	-5.534	1.17
27	MP2B	Mx	-.004	1.17
28	MP2B	X	-3.195	5.17
29	MP2B	Z	-5.534	5.17
30	MP2B	Mx	-.004	5.17
31	MP2C	X	-2.415	1.17
32	MP2C	Z	-4.183	1.17
33	MP2C	Mx	-.004	1.17
34	MP2C	X	-2.415	5.17
35	MP2C	Z	-4.183	5.17
36	MP2C	Mx	-.004	5.17
37	MP4A	X	-1.301	2.17
38	MP4A	Z	-2.254	2.17
39	MP4A	Mx	.002	2.17
40	MP4A	X	-1.301	4.17
41	MP4A	Z	-2.254	4.17
42	MP4A	Mx	.002	4.17
43	MP4B	X	-3.175	2.17
44	MP4B	Z	-5.499	2.17
45	MP4B	Mx	0	2.17
46	MP4B	X	-3.175	4.17
47	MP4B	Z	-5.499	4.17
48	MP4B	Mx	0	4.17
49	MP4C	X	-1.301	2.17
50	MP4C	Z	-2.254	2.17
51	MP4C	Mx	-.002	2.17
52	MP4C	X	-1.301	4.17
53	MP4C	Z	-2.254	4.17
54	MP4C	Mx	-.002	4.17
55	MP2A	X	-1.914	4
56	MP2A	Z	-3.315	4
57	MP2A	Mx	-.000957	4
58	MP2B	X	-1.571	4
59	MP2B	Z	-2.721	4
60	MP2B	Mx	-.001	4
61	MP2C	X	-1.914	4
62	MP2C	Z	-3.315	4
63	MP2C	Mx	.000957	4
64	MP3A	X	-1.85	4
65	MP3A	Z	-3.204	4
66	MP3A	Mx	-.000925	4
67	MP3B	X	-1.379	4
68	MP3B	Z	-2.389	4
69	MP3B	Mx	-.001	4
70	MP3C	X	-1.85	4
71	MP3C	Z	-3.204	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP3C	Mx	.000925	4
73	MP1A	X	-2.878	1.17
74	MP1A	Z	-4.985	1.17
75	MP1A	Mx	.007	1.17
76	MP1A	X	-2.878	5.17
77	MP1A	Z	-4.985	5.17
78	MP1A	Mx	.007	5.17
79	MP1B	X	-5.113	1.17
80	MP1B	Z	-8.856	1.17
81	MP1B	Mx	0	1.17
82	MP1B	X	-5.113	5.17
83	MP1B	Z	-8.856	5.17
84	MP1B	Mx	0	5.17
85	MP1C	X	-2.878	1.17
86	MP1C	Z	-4.985	1.17
87	MP1C	Mx	-.005	1.17
88	MP1C	X	-2.878	5.17
89	MP1C	Z	-4.985	5.17
90	MP1C	Mx	-.005	5.17
91	M77	X	-1.292	6.25
92	M77	Z	-2.237	6.25
93	M77	Mx	0	6.25
94	M77	X	-1.292	6.25
95	M77	Z	-2.237	6.25
96	M77	Mx	0	6.25

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M5	Y	-500	%94

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M5	Y	-500	%36

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M5	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M5	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-.893	1.17
2	MP2A	My	-.000763	1.17
3	MP2A	Mz	-.000356	1.17
4	MP2A	Y	-.893	5.17
5	MP2A	My	-.000763	5.17
6	MP2A	Mz	-.000356	5.17
7	MP2B	Y	-.893	1.17
8	MP2B	My	.000218	1.17
9	MP2B	Mz	-.000813	1.17
10	MP2B	Y	-.893	5.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
11	MP2B	My	.000218	5.17
12	MP2B	Mz	-.000813	5.17
13	MP2C	Y	-.893	1.17
14	MP2C	My	.000839	1.17
15	MP2C	Mz	7.3e-5	1.17
16	MP2C	Y	-.893	5.17
17	MP2C	My	.000839	5.17
18	MP2C	Mz	7.3e-5	5.17
19	MP2A	Y	-.893	1.17
20	MP2A	My	.000356	1.17
21	MP2A	Mz	-.000763	1.17
22	MP2A	Y	-.893	5.17
23	MP2A	My	.000356	5.17
24	MP2A	Mz	-.000763	5.17
25	MP2B	Y	-.893	1.17
26	MP2B	My	.000813	1.17
27	MP2B	Mz	.000218	1.17
28	MP2B	Y	-.893	5.17
29	MP2B	My	.000813	5.17
30	MP2B	Mz	.000218	5.17
31	MP2C	Y	-.893	1.17
32	MP2C	My	-7.3e-5	1.17
33	MP2C	Mz	.000839	1.17
34	MP2C	Y	-.893	5.17
35	MP2C	My	-7.3e-5	5.17
36	MP2C	Mz	.000839	5.17
37	MP4A	Y	-1.691	2.17
38	MP4A	My	-.000386	2.17
39	MP4A	Mz	-.001	2.17
40	MP4A	Y	-1.691	4.17
41	MP4A	My	-.000386	4.17
42	MP4A	Mz	-.001	4.17
43	MP4B	Y	-1.691	2.17
44	MP4B	My	.000976	2.17
45	MP4B	Mz	-.000564	2.17
46	MP4B	Y	-1.691	4.17
47	MP4B	My	.000976	4.17
48	MP4B	Mz	-.000564	4.17
49	MP4C	Y	-1.691	2.17
50	MP4C	My	.000725	2.17
51	MP4C	Mz	.000864	2.17
52	MP4C	Y	-1.691	4.17
53	MP4C	My	.000725	4.17
54	MP4C	Mz	.000864	4.17
55	MP2A	Y	-3.277	4
56	MP2A	My	.002	4
57	MP2A	Mz	0	4
58	MP2B	Y	-3.277	4
59	MP2B	My	0	4
60	MP2B	Mz	.002	4
61	MP2C	Y	-3.277	4
62	MP2C	My	-.002	4
63	MP2C	Mz	0	4
64	MP3A	Y	-2.73	4
65	MP3A	My	.001	4
66	MP3A	Mz	0	4
67	MP3B	Y	-2.73	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
68	MP3B	My	0	4
69	MP3B	Mz	.001	4
70	MP3C	Y	-2.73	4
71	MP3C	My	-.001	4
72	MP3C	Mz	0	4
73	MP1A	Y	-.33	1.17
74	MP1A	My	-.000136	1.17
75	MP1A	Mz	-.000375	1.17
76	MP1A	Y	-.33	5.17
77	MP1A	My	-.000136	5.17
78	MP1A	Mz	-.000375	5.17
79	MP1B	Y	-.33	1.17
80	MP1B	My	.000262	1.17
81	MP1B	Mz	-.000151	1.17
82	MP1B	Y	-.33	5.17
83	MP1B	My	.000262	5.17
84	MP1B	Mz	-.000151	5.17
85	MP1C	Y	-.33	1.17
86	MP1C	My	.000194	1.17
87	MP1C	Mz	.000232	1.17
88	MP1C	Y	-.33	5.17
89	MP1C	My	.000194	5.17
90	MP1C	Mz	.000232	5.17
91	M77	Y	-.683	6.25
92	M77	My	.000148	6.25
93	M77	Mz	-8.5e-5	6.25
94	M77	Y	-.683	6.25
95	M77	My	-.000148	6.25
96	M77	Mz	8.5e-5	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Z	-2.233	1.17
2	MP2A	Mx	.00089	1.17
3	MP2A	Z	-2.233	5.17
4	MP2A	Mx	.00089	5.17
5	MP2B	Z	-2.233	1.17
6	MP2B	Mx	.002	1.17
7	MP2B	Z	-2.233	5.17
8	MP2B	Mx	.002	5.17
9	MP2C	Z	-2.233	1.17
10	MP2C	Mx	-.000183	1.17
11	MP2C	Z	-2.233	5.17
12	MP2C	Mx	-.000183	5.17
13	MP2A	Z	-2.233	1.17
14	MP2A	Mx	.002	1.17
15	MP2A	Z	-2.233	5.17
16	MP2A	Mx	.002	5.17
17	MP2B	Z	-2.233	1.17
18	MP2B	Mx	-.000545	1.17
19	MP2B	Z	-2.233	5.17
20	MP2B	Mx	-.000545	5.17
21	MP2C	Z	-2.233	1.17
22	MP2C	Mx	-.002	1.17
23	MP2C	Z	-2.233	5.17
24	MP2C	Mx	-.002	5.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP4A	Z	-4.227	2.17
26	MP4A	Mx	.003	2.17
27	MP4A	Z	-4.227	4.17
28	MP4A	Mx	.003	4.17
29	MP4B	Z	-4.227	2.17
30	MP4B	Mx	.001	2.17
31	MP4B	Z	-4.227	4.17
32	MP4B	Mx	.001	4.17
33	MP4C	Z	-4.227	2.17
34	MP4C	Mx	-.002	2.17
35	MP4C	Z	-4.227	4.17
36	MP4C	Mx	-.002	4.17
37	MP2A	Z	-8.192	4
38	MP2A	Mx	0	4
39	MP2B	Z	-8.192	4
40	MP2B	Mx	-.004	4
41	MP2C	Z	-8.192	4
42	MP2C	Mx	0	4
43	MP3A	Z	-6.824	4
44	MP3A	Mx	0	4
45	MP3B	Z	-6.824	4
46	MP3B	Mx	-.003	4
47	MP3C	Z	-6.824	4
48	MP3C	Mx	0	4
49	MP1A	Z	-.825	1.17
50	MP1A	Mx	.000937	1.17
51	MP1A	Z	-.825	5.17
52	MP1A	Mx	.000937	5.17
53	MP1B	Z	-.825	1.17
54	MP1B	Mx	.000378	1.17
55	MP1B	Z	-.825	5.17
56	MP1B	Mx	.000378	5.17
57	MP1C	Z	-.825	1.17
58	MP1C	Mx	-.000579	1.17
59	MP1C	Z	-.825	5.17
60	MP1C	Mx	-.000579	5.17
61	M77	Z	-1.708	6.25
62	M77	Mx	.000214	6.25
63	M77	Z	-1.708	6.25
64	M77	Mx	-.000214	6.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	2.233	1.17
2	MP2A	Mx	-.002	1.17
3	MP2A	X	2.233	5.17
4	MP2A	Mx	-.002	5.17
5	MP2B	X	2.233	1.17
6	MP2B	Mx	.000545	1.17
7	MP2B	X	2.233	5.17
8	MP2B	Mx	.000545	5.17
9	MP2C	X	2.233	1.17
10	MP2C	Mx	.002	1.17
11	MP2C	X	2.233	5.17
12	MP2C	Mx	.002	5.17
13	MP2A	X	2.233	1.17

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
14	MP2A	Mx	.00089	1.17
15	MP2A	X	2.233	5.17
16	MP2A	Mx	.00089	5.17
17	MP2B	X	2.233	1.17
18	MP2B	Mx	.002	1.17
19	MP2B	X	2.233	5.17
20	MP2B	Mx	.002	5.17
21	MP2C	X	2.233	1.17
22	MP2C	Mx	-.000183	1.17
23	MP2C	X	2.233	5.17
24	MP2C	Mx	-.000183	5.17
25	MP4A	X	4.227	2.17
26	MP4A	Mx	-.000964	2.17
27	MP4A	X	4.227	4.17
28	MP4A	Mx	-.000964	4.17
29	MP4B	X	4.227	2.17
30	MP4B	Mx	.002	2.17
31	MP4B	X	4.227	4.17
32	MP4B	Mx	.002	4.17
33	MP4C	X	4.227	2.17
34	MP4C	Mx	.002	2.17
35	MP4C	X	4.227	4.17
36	MP4C	Mx	.002	4.17
37	MP2A	X	8.192	4
38	MP2A	Mx	.004	4
39	MP2B	X	8.192	4
40	MP2B	Mx	0	4
41	MP2C	X	8.192	4
42	MP2C	Mx	-.004	4
43	MP3A	X	6.824	4
44	MP3A	Mx	.003	4
45	MP3B	X	6.824	4
46	MP3B	Mx	0	4
47	MP3C	X	6.824	4
48	MP3C	Mx	-.003	4
49	MP1A	X	.825	1.17
50	MP1A	Mx	-.000341	1.17
51	MP1A	X	.825	5.17
52	MP1A	Mx	-.000341	5.17
53	MP1B	X	.825	1.17
54	MP1B	Mx	.000655	1.17
55	MP1B	X	.825	5.17
56	MP1B	Mx	.000655	5.17
57	MP1C	X	.825	1.17
58	MP1C	Mx	.000486	1.17
59	MP1C	X	.825	5.17
60	MP1C	Mx	.000486	5.17
61	M77	X	1.708	6.25
62	M77	Mx	.00037	6.25
63	M77	X	1.708	6.25
64	M77	Mx	-.00037	6.25

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	-15.872	-15.872	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
2	M2	Y	-15.872	-15.872	0	%100
3	M3	Y	-15.872	-15.872	0	%100
4	M4	Y	-15.872	-15.872	0	%100
5	M5	Y	-15.872	-15.872	0	%100
6	M6	Y	-15.872	-15.872	0	%100
7	M7	Y	-15.872	-15.872	0	%100
8	M8	Y	-15.872	-15.872	0	%100
9	M9	Y	-12.843	-12.843	0	%100
10	M10	Y	-12.843	-12.843	0	%100
11	M11	Y	-12.843	-12.843	0	%100
12	M12	Y	-12.843	-12.843	0	%100
13	M13	Y	-9.814	-9.814	0	%100
14	M14	Y	-9.814	-9.814	0	%100
15	M15	Y	-9.814	-9.814	0	%100
16	M16	Y	-9.814	-9.814	0	%100
17	M17	Y	-9.814	-9.814	0	%100
18	M18	Y	-9.814	-9.814	0	%100
19	M19	Y	-9.814	-9.814	0	%100
20	M20	Y	-9.814	-9.814	0	%100
21	M21	Y	-9.814	-9.814	0	%100
22	M22	Y	-9.814	-9.814	0	%100
23	M23	Y	-9.814	-9.814	0	%100
24	M24	Y	-9.814	-9.814	0	%100
25	MP1A	Y	-8.842	-8.842	0	%100
26	MP2A	Y	-9.913	-9.913	0	%100
27	MP3A	Y	-8.842	-8.842	0	%100
28	MP4A	Y	-8.842	-8.842	0	%100
29	MP1B	Y	-8.842	-8.842	0	%100
30	MP2B	Y	-9.913	-9.913	0	%100
31	MP3B	Y	-8.842	-8.842	0	%100
32	MP4B	Y	-8.842	-8.842	0	%100
33	MP1C	Y	-8.842	-8.842	0	%100
34	MP2C	Y	-9.913	-9.913	0	%100
35	MP3C	Y	-8.842	-8.842	0	%100
36	MP4C	Y	-8.842	-8.842	0	%100
37	M49	Y	-8.842	-8.842	0	%100
38	M50	Y	-8.842	-8.842	0	%100
39	M51	Y	-8.842	-8.842	0	%100
40	M52	Y	-8.842	-8.842	0	%100
41	M61	Y	-8.842	-8.842	0	%100
42	M63	Y	-14.465	-14.465	0	%100
43	M69	Y	-8.842	-8.842	0	%100
44	M71	Y	-14.465	-14.465	0	%100
45	M77	Y	-8.842	-8.842	0	%100
46	M79	Y	-14.465	-14.465	0	%100
47	M85	Y	-8.842	-8.842	0	%100
48	M87	Y	-14.465	-14.465	0	%100
49	M97A	Y	-8.842	-8.842	0	%100
50	M98A	Y	-8.842	-8.842	0	%100
51	M99A	Y	-8.842	-8.842	0	%100
52	M100A	Y	-8.842	-8.842	0	%100
53	M101A	Y	-8.842	-8.842	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

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.%]
2	M1	Z	-8.97	-8.97	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-8.97	-8.97	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-8.97	-8.97	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-8.97	-8.97	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-17.94	-17.94	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-17.94	-17.94	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-21.528	-21.528	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-21.528	-21.528	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-12.827	-12.827	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-12.827	-12.827	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-12.827	-12.827	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-12.827	-12.827	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-12.827	-12.827	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-12.827	-12.827	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	MP1A	X	0	0	0	%100
50	MP1A	Z	-10.226	-10.226	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	-12.379	-12.379	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	-10.226	-10.226	0	%100
55	MP4A	X	0	0	0	%100
56	MP4A	Z	-10.226	-10.226	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	-10.226	-10.226	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, %]
59	MP2B	X	0	0	0	%100
60	MP2B	Z	-12.379	-12.379	0	%100
61	MP3B	X	0	0	0	%100
62	MP3B	Z	-10.226	-10.226	0	%100
63	MP4B	X	0	0	0	%100
64	MP4B	Z	-10.226	-10.226	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	-10.226	-10.226	0	%100
67	MP2C	X	0	0	0	%100
68	MP2C	Z	-12.379	-12.379	0	%100
69	MP3C	X	0	0	0	%100
70	MP3C	Z	-10.226	-10.226	0	%100
71	MP4C	X	0	0	0	%100
72	MP4C	Z	-10.226	-10.226	0	%100
73	M49	X	0	0	0	%100
74	M49	Z	-10.226	-10.226	0	%100
75	M50	X	0	0	0	%100
76	M50	Z	-10.226	-10.226	0	%100
77	M51	X	0	0	0	%100
78	M51	Z	-10.226	-10.226	0	%100
79	M52	X	0	0	0	%100
80	M52	Z	-10.226	-10.226	0	%100
81	M61	X	0	0	0	%100
82	M61	Z	0	0	0	%100
83	M63	X	0	0	0	%100
84	M63	Z	-13.032	-13.032	0	%100
85	M69	X	0	0	0	%100
86	M69	Z	-10.226	-10.226	0	%100
87	M71	X	0	0	0	%100
88	M71	Z	-13.032	-13.032	0	%100
89	M77	X	0	0	0	%100
90	M77	Z	0	0	0	%100
91	M79	X	0	0	0	%100
92	M79	Z	-13.032	-13.032	0	%100
93	M85	X	0	0	0	%100
94	M85	Z	-10.226	-10.226	0	%100
95	M87	X	0	0	0	%100
96	M87	Z	-13.032	-13.032	0	%100
97	M97A	X	0	0	0	%100
98	M97A	Z	-4.155	-4.155	0	%100
99	M98A	X	0	0	0	%100
100	M98A	Z	-4.155	-4.155	0	%100
101	M99A	X	0	0	0	%100
102	M99A	Z	-4.155	-4.155	0	%100
103	M100A	X	0	0	0	%100
104	M100A	Z	-4.155	-4.155	0	%100
105	M101A	X	0	0	0	%100
106	M101A	Z	-4.155	-4.155	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	8.369	8.369	0	%100
2	M1	Z	-14.496	-14.496	0	%100
3	M2	X	.601	.601	0	%100
4	M2	Z	-1.041	-1.041	0	%100
5	M3	X	8.369	8.369	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.%]
6	M3	Z	-14.496	-14.496	0	%100
7	M4	X	.601	.601	0	%100
8	M4	Z	-1.041	-1.041	0	%100
9	M5	X	6.728	6.728	0	%100
10	M5	Z	-11.653	-11.653	0	%100
11	M6	X	2.243	2.243	0	%100
12	M6	Z	-3.884	-3.884	0	%100
13	M7	X	6.728	6.728	0	%100
14	M7	Z	-11.653	-11.653	0	%100
15	M8	X	2.243	2.243	0	%100
16	M8	Z	-3.884	-3.884	0	%100
17	M9	X	8.073	8.073	0	%100
18	M9	Z	-13.983	-13.983	0	%100
19	M10	X	2.691	2.691	0	%100
20	M10	Z	-4.661	-4.661	0	%100
21	M11	X	8.073	8.073	0	%100
22	M11	Z	-13.983	-13.983	0	%100
23	M12	X	2.691	2.691	0	%100
24	M12	Z	-4.661	-4.661	0	%100
25	M13	X	4.81	4.81	0	%100
26	M13	Z	-8.332	-8.332	0	%100
27	M14	X	4.81	4.81	0	%100
28	M14	Z	-8.332	-8.332	0	%100
29	M15	X	4.81	4.81	0	%100
30	M15	Z	-8.332	-8.332	0	%100
31	M16	X	1.603	1.603	0	%100
32	M16	Z	-2.777	-2.777	0	%100
33	M17	X	1.603	1.603	0	%100
34	M17	Z	-2.777	-2.777	0	%100
35	M18	X	1.603	1.603	0	%100
36	M18	Z	-2.777	-2.777	0	%100
37	M19	X	4.81	4.81	0	%100
38	M19	Z	-8.332	-8.332	0	%100
39	M20	X	4.81	4.81	0	%100
40	M20	Z	-8.332	-8.332	0	%100
41	M21	X	4.81	4.81	0	%100
42	M21	Z	-8.332	-8.332	0	%100
43	M22	X	1.603	1.603	0	%100
44	M22	Z	-2.777	-2.777	0	%100
45	M23	X	1.603	1.603	0	%100
46	M23	Z	-2.777	-2.777	0	%100
47	M24	X	1.603	1.603	0	%100
48	M24	Z	-2.777	-2.777	0	%100
49	MP1A	X	5.113	5.113	0	%100
50	MP1A	Z	-8.856	-8.856	0	%100
51	MP2A	X	6.189	6.189	0	%100
52	MP2A	Z	-10.72	-10.72	0	%100
53	MP3A	X	5.113	5.113	0	%100
54	MP3A	Z	-8.856	-8.856	0	%100
55	MP4A	X	5.113	5.113	0	%100
56	MP4A	Z	-8.856	-8.856	0	%100
57	MP1B	X	5.113	5.113	0	%100
58	MP1B	Z	-8.856	-8.856	0	%100
59	MP2B	X	6.189	6.189	0	%100
60	MP2B	Z	-10.72	-10.72	0	%100
61	MP3B	X	5.113	5.113	0	%100
62	MP3B	Z	-8.856	-8.856	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.%]
63	MP4B	X	5.113	5.113	0	%100
64	MP4B	Z	-8.856	-8.856	0	%100
65	MP1C	X	5.113	5.113	0	%100
66	MP1C	Z	-8.856	-8.856	0	%100
67	MP2C	X	6.189	6.189	0	%100
68	MP2C	Z	-10.72	-10.72	0	%100
69	MP3C	X	5.113	5.113	0	%100
70	MP3C	Z	-8.856	-8.856	0	%100
71	MP4C	X	5.113	5.113	0	%100
72	MP4C	Z	-8.856	-8.856	0	%100
73	M49	X	5.113	5.113	0	%100
74	M49	Z	-8.856	-8.856	0	%100
75	M50	X	5.113	5.113	0	%100
76	M50	Z	-8.856	-8.856	0	%100
77	M51	X	5.113	5.113	0	%100
78	M51	Z	-8.856	-8.856	0	%100
79	M52	X	5.113	5.113	0	%100
80	M52	Z	-8.856	-8.856	0	%100
81	M61	X	1.278	1.278	0	%100
82	M61	Z	-2.214	-2.214	0	%100
83	M63	X	4.391	4.391	0	%100
84	M63	Z	-7.605	-7.605	0	%100
85	M69	X	3.835	3.835	0	%100
86	M69	Z	-6.642	-6.642	0	%100
87	M71	X	8.641	8.641	0	%100
88	M71	Z	-14.967	-14.967	0	%100
89	M77	X	1.278	1.278	0	%100
90	M77	Z	-2.214	-2.214	0	%100
91	M79	X	4.391	4.391	0	%100
92	M79	Z	-7.605	-7.605	0	%100
93	M85	X	3.835	3.835	0	%100
94	M85	Z	-6.642	-6.642	0	%100
95	M87	X	8.641	8.641	0	%100
96	M87	Z	-14.967	-14.967	0	%100
97	M97A	X	3.877	3.877	0	%100
98	M97A	Z	-6.715	-6.715	0	%100
99	M98A	X	.278	.278	0	%100
100	M98A	Z	-.482	-.482	0	%100
101	M99A	X	3.877	3.877	0	%100
102	M99A	Z	-6.715	-6.715	0	%100
103	M100A	X	.278	.278	0	%100
104	M100A	Z	-.482	-.482	0	%100
105	M101A	X	3.877	3.877	0	%100
106	M101A	Z	-6.715	-6.715	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	14.496	14.496	0	%100
2	M1	Z	-8.369	-8.369	0	%100
3	M2	X	1.041	1.041	0	%100
4	M2	Z	-.601	-.601	0	%100
5	M3	X	14.496	14.496	0	%100
6	M3	Z	-8.369	-8.369	0	%100
7	M4	X	1.041	1.041	0	%100
8	M4	Z	-.601	-.601	0	%100
9	M5	X	3.884	3.884	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, %]
10	M5	Z	-2.243	-2.243	0	%100
11	M6	X	11.653	11.653	0	%100
12	M6	Z	-6.728	-6.728	0	%100
13	M7	X	3.884	3.884	0	%100
14	M7	Z	-2.243	-2.243	0	%100
15	M8	X	11.653	11.653	0	%100
16	M8	Z	-6.728	-6.728	0	%100
17	M9	X	4.661	4.661	0	%100
18	M9	Z	-2.691	-2.691	0	%100
19	M10	X	13.983	13.983	0	%100
20	M10	Z	-8.073	-8.073	0	%100
21	M11	X	4.661	4.661	0	%100
22	M11	Z	-2.691	-2.691	0	%100
23	M12	X	13.983	13.983	0	%100
24	M12	Z	-8.073	-8.073	0	%100
25	M13	X	2.777	2.777	0	%100
26	M13	Z	-1.603	-1.603	0	%100
27	M14	X	2.777	2.777	0	%100
28	M14	Z	-1.603	-1.603	0	%100
29	M15	X	2.777	2.777	0	%100
30	M15	Z	-1.603	-1.603	0	%100
31	M16	X	8.332	8.332	0	%100
32	M16	Z	-4.81	-4.81	0	%100
33	M17	X	8.332	8.332	0	%100
34	M17	Z	-4.81	-4.81	0	%100
35	M18	X	8.332	8.332	0	%100
36	M18	Z	-4.81	-4.81	0	%100
37	M19	X	2.777	2.777	0	%100
38	M19	Z	-1.603	-1.603	0	%100
39	M20	X	2.777	2.777	0	%100
40	M20	Z	-1.603	-1.603	0	%100
41	M21	X	2.777	2.777	0	%100
42	M21	Z	-1.603	-1.603	0	%100
43	M22	X	8.332	8.332	0	%100
44	M22	Z	-4.81	-4.81	0	%100
45	M23	X	8.332	8.332	0	%100
46	M23	Z	-4.81	-4.81	0	%100
47	M24	X	8.332	8.332	0	%100
48	M24	Z	-4.81	-4.81	0	%100
49	MP1A	X	8.856	8.856	0	%100
50	MP1A	Z	-5.113	-5.113	0	%100
51	MP2A	X	10.72	10.72	0	%100
52	MP2A	Z	-6.189	-6.189	0	%100
53	MP3A	X	8.856	8.856	0	%100
54	MP3A	Z	-5.113	-5.113	0	%100
55	MP4A	X	8.856	8.856	0	%100
56	MP4A	Z	-5.113	-5.113	0	%100
57	MP1B	X	8.856	8.856	0	%100
58	MP1B	Z	-5.113	-5.113	0	%100
59	MP2B	X	10.72	10.72	0	%100
60	MP2B	Z	-6.189	-6.189	0	%100
61	MP3B	X	8.856	8.856	0	%100
62	MP3B	Z	-5.113	-5.113	0	%100
63	MP4B	X	8.856	8.856	0	%100
64	MP4B	Z	-5.113	-5.113	0	%100
65	MP1C	X	8.856	8.856	0	%100
66	MP1C	Z	-5.113	-5.113	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.%]
67	MP2C	X	10.72	10.72	0	%100
68	MP2C	Z	-6.189	-6.189	0	%100
69	MP3C	X	8.856	8.856	0	%100
70	MP3C	Z	-5.113	-5.113	0	%100
71	MP4C	X	8.856	8.856	0	%100
72	MP4C	Z	-5.113	-5.113	0	%100
73	M49	X	8.856	8.856	0	%100
74	M49	Z	-5.113	-5.113	0	%100
75	M50	X	8.856	8.856	0	%100
76	M50	Z	-5.113	-5.113	0	%100
77	M51	X	8.856	8.856	0	%100
78	M51	Z	-5.113	-5.113	0	%100
79	M52	X	8.856	8.856	0	%100
80	M52	Z	-5.113	-5.113	0	%100
81	M61	X	6.642	6.642	0	%100
82	M61	Z	-3.835	-3.835	0	%100
83	M63	X	7.605	7.605	0	%100
84	M63	Z	-4.391	-4.391	0	%100
85	M69	X	2.214	2.214	0	%100
86	M69	Z	-1.278	-1.278	0	%100
87	M71	X	14.967	14.967	0	%100
88	M71	Z	-8.641	-8.641	0	%100
89	M77	X	6.642	6.642	0	%100
90	M77	Z	-3.835	-3.835	0	%100
91	M79	X	7.605	7.605	0	%100
92	M79	Z	-4.391	-4.391	0	%100
93	M85	X	2.214	2.214	0	%100
94	M85	Z	-1.278	-1.278	0	%100
95	M87	X	14.967	14.967	0	%100
96	M87	Z	-8.641	-8.641	0	%100
97	M97A	X	6.715	6.715	0	%100
98	M97A	Z	-3.877	-3.877	0	%100
99	M98A	X	.482	.482	0	%100
100	M98A	Z	-.278	-.278	0	%100
101	M99A	X	6.715	6.715	0	%100
102	M99A	Z	-3.877	-3.877	0	%100
103	M100A	X	.482	.482	0	%100
104	M100A	Z	-.278	-.278	0	%100
105	M101A	X	6.715	6.715	0	%100
106	M101A	Z	-3.877	-3.877	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	8.97	8.97	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	8.97	8.97	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	8.97	8.97	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	8.97	8.97	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	17.94	17.94	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
14	M7	Z	0	0	0	%100
15	M8	X	17.94	17.94	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	21.528	21.528	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	21.528	21.528	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	12.827	12.827	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	12.827	12.827	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	12.827	12.827	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	12.827	12.827	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	12.827	12.827	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	12.827	12.827	0	%100
48	M24	Z	0	0	0	%100
49	MP1A	X	10.226	10.226	0	%100
50	MP1A	Z	0	0	0	%100
51	MP2A	X	12.379	12.379	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	10.226	10.226	0	%100
54	MP3A	Z	0	0	0	%100
55	MP4A	X	10.226	10.226	0	%100
56	MP4A	Z	0	0	0	%100
57	MP1B	X	10.226	10.226	0	%100
58	MP1B	Z	0	0	0	%100
59	MP2B	X	12.379	12.379	0	%100
60	MP2B	Z	0	0	0	%100
61	MP3B	X	10.226	10.226	0	%100
62	MP3B	Z	0	0	0	%100
63	MP4B	X	10.226	10.226	0	%100
64	MP4B	Z	0	0	0	%100
65	MP1C	X	10.226	10.226	0	%100
66	MP1C	Z	0	0	0	%100
67	MP2C	X	12.379	12.379	0	%100
68	MP2C	Z	0	0	0	%100
69	MP3C	X	10.226	10.226	0	%100
70	MP3C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
71	MP4C	X	10.226	10.226	0	%100
72	MP4C	Z	0	0	0	%100
73	M49	X	10.226	10.226	0	%100
74	M49	Z	0	0	0	%100
75	M50	X	10.226	10.226	0	%100
76	M50	Z	0	0	0	%100
77	M51	X	10.226	10.226	0	%100
78	M51	Z	0	0	0	%100
79	M52	X	10.226	10.226	0	%100
80	M52	Z	0	0	0	%100
81	M61	X	10.226	10.226	0	%100
82	M61	Z	0	0	0	%100
83	M63	X	13.032	13.032	0	%100
84	M63	Z	0	0	0	%100
85	M69	X	0	0	0	%100
86	M69	Z	0	0	0	%100
87	M71	X	13.032	13.032	0	%100
88	M71	Z	0	0	0	%100
89	M77	X	10.226	10.226	0	%100
90	M77	Z	0	0	0	%100
91	M79	X	13.032	13.032	0	%100
92	M79	Z	0	0	0	%100
93	M85	X	0	0	0	%100
94	M85	Z	0	0	0	%100
95	M87	X	13.032	13.032	0	%100
96	M87	Z	0	0	0	%100
97	M97A	X	4.155	4.155	0	%100
98	M97A	Z	0	0	0	%100
99	M98A	X	4.155	4.155	0	%100
100	M98A	Z	0	0	0	%100
101	M99A	X	4.155	4.155	0	%100
102	M99A	Z	0	0	0	%100
103	M100A	X	4.155	4.155	0	%100
104	M100A	Z	0	0	0	%100
105	M101A	X	4.155	4.155	0	%100
106	M101A	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	1.041	1.041	0	%100
2	M1	Z	.601	.601	0	%100
3	M2	X	14.496	14.496	0	%100
4	M2	Z	8.369	8.369	0	%100
5	M3	X	1.041	1.041	0	%100
6	M3	Z	.601	.601	0	%100
7	M4	X	14.496	14.496	0	%100
8	M4	Z	8.369	8.369	0	%100
9	M5	X	3.884	3.884	0	%100
10	M5	Z	2.243	2.243	0	%100
11	M6	X	11.653	11.653	0	%100
12	M6	Z	6.728	6.728	0	%100
13	M7	X	3.884	3.884	0	%100
14	M7	Z	2.243	2.243	0	%100
15	M8	X	11.653	11.653	0	%100
16	M8	Z	6.728	6.728	0	%100
17	M9	X	4.661	4.661	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft. %]	End Location[ft. %]
18	M9	Z	2.691	2.691	0	%100
19	M10	X	13.983	13.983	0	%100
20	M10	Z	8.073	8.073	0	%100
21	M11	X	4.661	4.661	0	%100
22	M11	Z	2.691	2.691	0	%100
23	M12	X	13.983	13.983	0	%100
24	M12	Z	8.073	8.073	0	%100
25	M13	X	2.777	2.777	0	%100
26	M13	Z	1.603	1.603	0	%100
27	M14	X	2.777	2.777	0	%100
28	M14	Z	1.603	1.603	0	%100
29	M15	X	2.777	2.777	0	%100
30	M15	Z	1.603	1.603	0	%100
31	M16	X	8.332	8.332	0	%100
32	M16	Z	4.81	4.81	0	%100
33	M17	X	8.332	8.332	0	%100
34	M17	Z	4.81	4.81	0	%100
35	M18	X	8.332	8.332	0	%100
36	M18	Z	4.81	4.81	0	%100
37	M19	X	2.777	2.777	0	%100
38	M19	Z	1.603	1.603	0	%100
39	M20	X	2.777	2.777	0	%100
40	M20	Z	1.603	1.603	0	%100
41	M21	X	2.777	2.777	0	%100
42	M21	Z	1.603	1.603	0	%100
43	M22	X	8.332	8.332	0	%100
44	M22	Z	4.81	4.81	0	%100
45	M23	X	8.332	8.332	0	%100
46	M23	Z	4.81	4.81	0	%100
47	M24	X	8.332	8.332	0	%100
48	M24	Z	4.81	4.81	0	%100
49	MP1A	X	8.856	8.856	0	%100
50	MP1A	Z	5.113	5.113	0	%100
51	MP2A	X	10.72	10.72	0	%100
52	MP2A	Z	6.189	6.189	0	%100
53	MP3A	X	8.856	8.856	0	%100
54	MP3A	Z	5.113	5.113	0	%100
55	MP4A	X	8.856	8.856	0	%100
56	MP4A	Z	5.113	5.113	0	%100
57	MP1B	X	8.856	8.856	0	%100
58	MP1B	Z	5.113	5.113	0	%100
59	MP2B	X	10.72	10.72	0	%100
60	MP2B	Z	6.189	6.189	0	%100
61	MP3B	X	8.856	8.856	0	%100
62	MP3B	Z	5.113	5.113	0	%100
63	MP4B	X	8.856	8.856	0	%100
64	MP4B	Z	5.113	5.113	0	%100
65	MP1C	X	8.856	8.856	0	%100
66	MP1C	Z	5.113	5.113	0	%100
67	MP2C	X	10.72	10.72	0	%100
68	MP2C	Z	6.189	6.189	0	%100
69	MP3C	X	8.856	8.856	0	%100
70	MP3C	Z	5.113	5.113	0	%100
71	MP4C	X	8.856	8.856	0	%100
72	MP4C	Z	5.113	5.113	0	%100
73	M49	X	8.856	8.856	0	%100
74	M49	Z	5.113	5.113	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
75	M50	X	8.856	8.856	0	%100
76	M50	Z	5.113	5.113	0	%100
77	M51	X	8.856	8.856	0	%100
78	M51	Z	5.113	5.113	0	%100
79	M52	X	8.856	8.856	0	%100
80	M52	Z	5.113	5.113	0	%100
81	M61	X	6.642	6.642	0	%100
82	M61	Z	3.835	3.835	0	%100
83	M63	X	14.967	14.967	0	%100
84	M63	Z	8.641	8.641	0	%100
85	M69	X	2.214	2.214	0	%100
86	M69	Z	1.278	1.278	0	%100
87	M71	X	7.605	7.605	0	%100
88	M71	Z	4.391	4.391	0	%100
89	M77	X	6.642	6.642	0	%100
90	M77	Z	3.835	3.835	0	%100
91	M79	X	14.967	14.967	0	%100
92	M79	Z	8.641	8.641	0	%100
93	M85	X	2.214	2.214	0	%100
94	M85	Z	1.278	1.278	0	%100
95	M87	X	7.605	7.605	0	%100
96	M87	Z	4.391	4.391	0	%100
97	M97A	X	.482	.482	0	%100
98	M97A	Z	.278	.278	0	%100
99	M98A	X	6.715	6.715	0	%100
100	M98A	Z	3.877	3.877	0	%100
101	M99A	X	.482	.482	0	%100
102	M99A	Z	.278	.278	0	%100
103	M100A	X	6.715	6.715	0	%100
104	M100A	Z	3.877	3.877	0	%100
105	M101A	X	.482	.482	0	%100
106	M101A	Z	.278	.278	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	.601	.601	0	%100
2	M1	Z	1.041	1.041	0	%100
3	M2	X	8.369	8.369	0	%100
4	M2	Z	14.496	14.496	0	%100
5	M3	X	.601	.601	0	%100
6	M3	Z	1.041	1.041	0	%100
7	M4	X	8.369	8.369	0	%100
8	M4	Z	14.496	14.496	0	%100
9	M5	X	6.728	6.728	0	%100
10	M5	Z	11.653	11.653	0	%100
11	M6	X	2.243	2.243	0	%100
12	M6	Z	3.884	3.884	0	%100
13	M7	X	6.728	6.728	0	%100
14	M7	Z	11.653	11.653	0	%100
15	M8	X	2.243	2.243	0	%100
16	M8	Z	3.884	3.884	0	%100
17	M9	X	8.073	8.073	0	%100
18	M9	Z	13.983	13.983	0	%100
19	M10	X	2.691	2.691	0	%100
20	M10	Z	4.661	4.661	0	%100
21	M11	X	8.073	8.073	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.%]
22	M11	Z	13.983	13.983	0	%100
23	M12	X	2.691	2.691	0	%100
24	M12	Z	4.661	4.661	0	%100
25	M13	X	4.81	4.81	0	%100
26	M13	Z	8.332	8.332	0	%100
27	M14	X	4.81	4.81	0	%100
28	M14	Z	8.332	8.332	0	%100
29	M15	X	4.81	4.81	0	%100
30	M15	Z	8.332	8.332	0	%100
31	M16	X	1.603	1.603	0	%100
32	M16	Z	2.777	2.777	0	%100
33	M17	X	1.603	1.603	0	%100
34	M17	Z	2.777	2.777	0	%100
35	M18	X	1.603	1.603	0	%100
36	M18	Z	2.777	2.777	0	%100
37	M19	X	4.81	4.81	0	%100
38	M19	Z	8.332	8.332	0	%100
39	M20	X	4.81	4.81	0	%100
40	M20	Z	8.332	8.332	0	%100
41	M21	X	4.81	4.81	0	%100
42	M21	Z	8.332	8.332	0	%100
43	M22	X	1.603	1.603	0	%100
44	M22	Z	2.777	2.777	0	%100
45	M23	X	1.603	1.603	0	%100
46	M23	Z	2.777	2.777	0	%100
47	M24	X	1.603	1.603	0	%100
48	M24	Z	2.777	2.777	0	%100
49	MP1A	X	5.113	5.113	0	%100
50	MP1A	Z	8.856	8.856	0	%100
51	MP2A	X	6.189	6.189	0	%100
52	MP2A	Z	10.72	10.72	0	%100
53	MP3A	X	5.113	5.113	0	%100
54	MP3A	Z	8.856	8.856	0	%100
55	MP4A	X	5.113	5.113	0	%100
56	MP4A	Z	8.856	8.856	0	%100
57	MP1B	X	5.113	5.113	0	%100
58	MP1B	Z	8.856	8.856	0	%100
59	MP2B	X	6.189	6.189	0	%100
60	MP2B	Z	10.72	10.72	0	%100
61	MP3B	X	5.113	5.113	0	%100
62	MP3B	Z	8.856	8.856	0	%100
63	MP4B	X	5.113	5.113	0	%100
64	MP4B	Z	8.856	8.856	0	%100
65	MP1C	X	5.113	5.113	0	%100
66	MP1C	Z	8.856	8.856	0	%100
67	MP2C	X	6.189	6.189	0	%100
68	MP2C	Z	10.72	10.72	0	%100
69	MP3C	X	5.113	5.113	0	%100
70	MP3C	Z	8.856	8.856	0	%100
71	MP4C	X	5.113	5.113	0	%100
72	MP4C	Z	8.856	8.856	0	%100
73	M49	X	5.113	5.113	0	%100
74	M49	Z	8.856	8.856	0	%100
75	M50	X	5.113	5.113	0	%100
76	M50	Z	8.856	8.856	0	%100
77	M51	X	5.113	5.113	0	%100
78	M51	Z	8.856	8.856	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, %]
79	M52	X	5.113	5.113	0	%100
80	M52	Z	8.856	8.856	0	%100
81	M61	X	1.278	1.278	0	%100
82	M61	Z	2.214	2.214	0	%100
83	M63	X	8.641	8.641	0	%100
84	M63	Z	14.967	14.967	0	%100
85	M69	X	3.835	3.835	0	%100
86	M69	Z	6.642	6.642	0	%100
87	M71	X	4.391	4.391	0	%100
88	M71	Z	7.605	7.605	0	%100
89	M77	X	1.278	1.278	0	%100
90	M77	Z	2.214	2.214	0	%100
91	M79	X	8.641	8.641	0	%100
92	M79	Z	14.967	14.967	0	%100
93	M85	X	3.835	3.835	0	%100
94	M85	Z	6.642	6.642	0	%100
95	M87	X	4.391	4.391	0	%100
96	M87	Z	7.605	7.605	0	%100
97	M97A	X	.278	.278	0	%100
98	M97A	Z	.482	.482	0	%100
99	M98A	X	3.877	3.877	0	%100
100	M98A	Z	6.715	6.715	0	%100
101	M99A	X	.278	.278	0	%100
102	M99A	Z	.482	.482	0	%100
103	M100A	X	3.877	3.877	0	%100
104	M100A	Z	6.715	6.715	0	%100
105	M101A	X	.278	.278	0	%100
106	M101A	Z	.482	.482	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	8.97	8.97	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	8.97	8.97	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	8.97	8.97	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	8.97	8.97	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	17.94	17.94	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	17.94	17.94	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	21.528	21.528	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	21.528	21.528	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft.%]	End Location[ft.%]
26	M13	Z	12.827	12.827	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	12.827	12.827	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	12.827	12.827	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	12.827	12.827	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	12.827	12.827	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	12.827	12.827	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	MP1A	X	0	0	0	%100
50	MP1A	Z	10.226	10.226	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	12.379	12.379	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	10.226	10.226	0	%100
55	MP4A	X	0	0	0	%100
56	MP4A	Z	10.226	10.226	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	10.226	10.226	0	%100
59	MP2B	X	0	0	0	%100
60	MP2B	Z	12.379	12.379	0	%100
61	MP3B	X	0	0	0	%100
62	MP3B	Z	10.226	10.226	0	%100
63	MP4B	X	0	0	0	%100
64	MP4B	Z	10.226	10.226	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	10.226	10.226	0	%100
67	MP2C	X	0	0	0	%100
68	MP2C	Z	12.379	12.379	0	%100
69	MP3C	X	0	0	0	%100
70	MP3C	Z	10.226	10.226	0	%100
71	MP4C	X	0	0	0	%100
72	MP4C	Z	10.226	10.226	0	%100
73	M49	X	0	0	0	%100
74	M49	Z	10.226	10.226	0	%100
75	M50	X	0	0	0	%100
76	M50	Z	10.226	10.226	0	%100
77	M51	X	0	0	0	%100
78	M51	Z	10.226	10.226	0	%100
79	M52	X	0	0	0	%100
80	M52	Z	10.226	10.226	0	%100
81	M61	X	0	0	0	%100
82	M61	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
83	M63	X	0	0	0	%100
84	M63	Z	13.032	13.032	0	%100
85	M69	X	0	0	0	%100
86	M69	Z	10.226	10.226	0	%100
87	M71	X	0	0	0	%100
88	M71	Z	13.032	13.032	0	%100
89	M77	X	0	0	0	%100
90	M77	Z	0	0	0	%100
91	M79	X	0	0	0	%100
92	M79	Z	13.032	13.032	0	%100
93	M85	X	0	0	0	%100
94	M85	Z	10.226	10.226	0	%100
95	M87	X	0	0	0	%100
96	M87	Z	13.032	13.032	0	%100
97	M97A	X	0	0	0	%100
98	M97A	Z	4.155	4.155	0	%100
99	M98A	X	0	0	0	%100
100	M98A	Z	4.155	4.155	0	%100
101	M99A	X	0	0	0	%100
102	M99A	Z	4.155	4.155	0	%100
103	M100A	X	0	0	0	%100
104	M100A	Z	4.155	4.155	0	%100
105	M101A	X	0	0	0	%100
106	M101A	Z	4.155	4.155	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	-8.369	-8.369	0	%100
2	M1	Z	14.496	14.496	0	%100
3	M2	X	-.601	-.601	0	%100
4	M2	Z	1.041	1.041	0	%100
5	M3	X	-8.369	-8.369	0	%100
6	M3	Z	14.496	14.496	0	%100
7	M4	X	-.601	-.601	0	%100
8	M4	Z	1.041	1.041	0	%100
9	M5	X	-6.728	-6.728	0	%100
10	M5	Z	11.653	11.653	0	%100
11	M6	X	-2.243	-2.243	0	%100
12	M6	Z	3.884	3.884	0	%100
13	M7	X	-6.728	-6.728	0	%100
14	M7	Z	11.653	11.653	0	%100
15	M8	X	-2.243	-2.243	0	%100
16	M8	Z	3.884	3.884	0	%100
17	M9	X	-8.073	-8.073	0	%100
18	M9	Z	13.983	13.983	0	%100
19	M10	X	-2.691	-2.691	0	%100
20	M10	Z	4.661	4.661	0	%100
21	M11	X	-8.073	-8.073	0	%100
22	M11	Z	13.983	13.983	0	%100
23	M12	X	-2.691	-2.691	0	%100
24	M12	Z	4.661	4.661	0	%100
25	M13	X	-4.81	-4.81	0	%100
26	M13	Z	8.332	8.332	0	%100
27	M14	X	-4.81	-4.81	0	%100
28	M14	Z	8.332	8.332	0	%100
29	M15	X	-4.81	-4.81	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.%]
30	M15	Z	8.332	8.332	0	%100
31	M16	X	-1.603	-1.603	0	%100
32	M16	Z	2.777	2.777	0	%100
33	M17	X	-1.603	-1.603	0	%100
34	M17	Z	2.777	2.777	0	%100
35	M18	X	-1.603	-1.603	0	%100
36	M18	Z	2.777	2.777	0	%100
37	M19	X	-4.81	-4.81	0	%100
38	M19	Z	8.332	8.332	0	%100
39	M20	X	-4.81	-4.81	0	%100
40	M20	Z	8.332	8.332	0	%100
41	M21	X	-4.81	-4.81	0	%100
42	M21	Z	8.332	8.332	0	%100
43	M22	X	-1.603	-1.603	0	%100
44	M22	Z	2.777	2.777	0	%100
45	M23	X	-1.603	-1.603	0	%100
46	M23	Z	2.777	2.777	0	%100
47	M24	X	-1.603	-1.603	0	%100
48	M24	Z	2.777	2.777	0	%100
49	MP1A	X	-5.113	-5.113	0	%100
50	MP1A	Z	8.856	8.856	0	%100
51	MP2A	X	-6.189	-6.189	0	%100
52	MP2A	Z	10.72	10.72	0	%100
53	MP3A	X	-5.113	-5.113	0	%100
54	MP3A	Z	8.856	8.856	0	%100
55	MP4A	X	-5.113	-5.113	0	%100
56	MP4A	Z	8.856	8.856	0	%100
57	MP1B	X	-5.113	-5.113	0	%100
58	MP1B	Z	8.856	8.856	0	%100
59	MP2B	X	-6.189	-6.189	0	%100
60	MP2B	Z	10.72	10.72	0	%100
61	MP3B	X	-5.113	-5.113	0	%100
62	MP3B	Z	8.856	8.856	0	%100
63	MP4B	X	-5.113	-5.113	0	%100
64	MP4B	Z	8.856	8.856	0	%100
65	MP1C	X	-5.113	-5.113	0	%100
66	MP1C	Z	8.856	8.856	0	%100
67	MP2C	X	-6.189	-6.189	0	%100
68	MP2C	Z	10.72	10.72	0	%100
69	MP3C	X	-5.113	-5.113	0	%100
70	MP3C	Z	8.856	8.856	0	%100
71	MP4C	X	-5.113	-5.113	0	%100
72	MP4C	Z	8.856	8.856	0	%100
73	M49	X	-5.113	-5.113	0	%100
74	M49	Z	8.856	8.856	0	%100
75	M50	X	-5.113	-5.113	0	%100
76	M50	Z	8.856	8.856	0	%100
77	M51	X	-5.113	-5.113	0	%100
78	M51	Z	8.856	8.856	0	%100
79	M52	X	-5.113	-5.113	0	%100
80	M52	Z	8.856	8.856	0	%100
81	M61	X	-1.278	-1.278	0	%100
82	M61	Z	2.214	2.214	0	%100
83	M63	X	-4.391	-4.391	0	%100
84	M63	Z	7.605	7.605	0	%100
85	M69	X	-3.835	-3.835	0	%100
86	M69	Z	6.642	6.642	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.%]
87	M71	X	-8.641	-8.641	0	%100
88	M71	Z	14.967	14.967	0	%100
89	M77	X	-1.278	-1.278	0	%100
90	M77	Z	2.214	2.214	0	%100
91	M79	X	-4.391	-4.391	0	%100
92	M79	Z	7.605	7.605	0	%100
93	M85	X	-3.835	-3.835	0	%100
94	M85	Z	6.642	6.642	0	%100
95	M87	X	-8.641	-8.641	0	%100
96	M87	Z	14.967	14.967	0	%100
97	M97A	X	-3.877	-3.877	0	%100
98	M97A	Z	6.715	6.715	0	%100
99	M98A	X	-.278	-.278	0	%100
100	M98A	Z	.482	.482	0	%100
101	M99A	X	-3.877	-3.877	0	%100
102	M99A	Z	6.715	6.715	0	%100
103	M100A	X	-.278	-.278	0	%100
104	M100A	Z	.482	.482	0	%100
105	M101A	X	-3.877	-3.877	0	%100
106	M101A	Z	6.715	6.715	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	-14.496	-14.496	0	%100
2	M1	Z	8.369	8.369	0	%100
3	M2	X	-1.041	-1.041	0	%100
4	M2	Z	.601	.601	0	%100
5	M3	X	-14.496	-14.496	0	%100
6	M3	Z	8.369	8.369	0	%100
7	M4	X	-1.041	-1.041	0	%100
8	M4	Z	.601	.601	0	%100
9	M5	X	-3.884	-3.884	0	%100
10	M5	Z	2.243	2.243	0	%100
11	M6	X	-11.653	-11.653	0	%100
12	M6	Z	6.728	6.728	0	%100
13	M7	X	-3.884	-3.884	0	%100
14	M7	Z	2.243	2.243	0	%100
15	M8	X	-11.653	-11.653	0	%100
16	M8	Z	6.728	6.728	0	%100
17	M9	X	-4.661	-4.661	0	%100
18	M9	Z	2.691	2.691	0	%100
19	M10	X	-13.983	-13.983	0	%100
20	M10	Z	8.073	8.073	0	%100
21	M11	X	-4.661	-4.661	0	%100
22	M11	Z	2.691	2.691	0	%100
23	M12	X	-13.983	-13.983	0	%100
24	M12	Z	8.073	8.073	0	%100
25	M13	X	-2.777	-2.777	0	%100
26	M13	Z	1.603	1.603	0	%100
27	M14	X	-2.777	-2.777	0	%100
28	M14	Z	1.603	1.603	0	%100
29	M15	X	-2.777	-2.777	0	%100
30	M15	Z	1.603	1.603	0	%100
31	M16	X	-8.332	-8.332	0	%100
32	M16	Z	4.81	4.81	0	%100
33	M17	X	-8.332	-8.332	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
34	M17	Z	4.81	4.81	0	%100
35	M18	X	-8.332	-8.332	0	%100
36	M18	Z	4.81	4.81	0	%100
37	M19	X	-2.777	-2.777	0	%100
38	M19	Z	1.603	1.603	0	%100
39	M20	X	-2.777	-2.777	0	%100
40	M20	Z	1.603	1.603	0	%100
41	M21	X	-2.777	-2.777	0	%100
42	M21	Z	1.603	1.603	0	%100
43	M22	X	-8.332	-8.332	0	%100
44	M22	Z	4.81	4.81	0	%100
45	M23	X	-8.332	-8.332	0	%100
46	M23	Z	4.81	4.81	0	%100
47	M24	X	-8.332	-8.332	0	%100
48	M24	Z	4.81	4.81	0	%100
49	MP1A	X	-8.856	-8.856	0	%100
50	MP1A	Z	5.113	5.113	0	%100
51	MP2A	X	-10.72	-10.72	0	%100
52	MP2A	Z	6.189	6.189	0	%100
53	MP3A	X	-8.856	-8.856	0	%100
54	MP3A	Z	5.113	5.113	0	%100
55	MP4A	X	-8.856	-8.856	0	%100
56	MP4A	Z	5.113	5.113	0	%100
57	MP1B	X	-8.856	-8.856	0	%100
58	MP1B	Z	5.113	5.113	0	%100
59	MP2B	X	-10.72	-10.72	0	%100
60	MP2B	Z	6.189	6.189	0	%100
61	MP3B	X	-8.856	-8.856	0	%100
62	MP3B	Z	5.113	5.113	0	%100
63	MP4B	X	-8.856	-8.856	0	%100
64	MP4B	Z	5.113	5.113	0	%100
65	MP1C	X	-8.856	-8.856	0	%100
66	MP1C	Z	5.113	5.113	0	%100
67	MP2C	X	-10.72	-10.72	0	%100
68	MP2C	Z	6.189	6.189	0	%100
69	MP3C	X	-8.856	-8.856	0	%100
70	MP3C	Z	5.113	5.113	0	%100
71	MP4C	X	-8.856	-8.856	0	%100
72	MP4C	Z	5.113	5.113	0	%100
73	M49	X	-8.856	-8.856	0	%100
74	M49	Z	5.113	5.113	0	%100
75	M50	X	-8.856	-8.856	0	%100
76	M50	Z	5.113	5.113	0	%100
77	M51	X	-8.856	-8.856	0	%100
78	M51	Z	5.113	5.113	0	%100
79	M52	X	-8.856	-8.856	0	%100
80	M52	Z	5.113	5.113	0	%100
81	M61	X	-6.642	-6.642	0	%100
82	M61	Z	3.835	3.835	0	%100
83	M63	X	-7.605	-7.605	0	%100
84	M63	Z	4.391	4.391	0	%100
85	M69	X	-2.214	-2.214	0	%100
86	M69	Z	1.278	1.278	0	%100
87	M71	X	-14.967	-14.967	0	%100
88	M71	Z	8.641	8.641	0	%100
89	M77	X	-6.642	-6.642	0	%100
90	M77	Z	3.835	3.835	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.%]
91	M79	X	-7.605	-7.605	0	%100
92	M79	Z	4.391	4.391	0	%100
93	M85	X	-2.214	-2.214	0	%100
94	M85	Z	1.278	1.278	0	%100
95	M87	X	-14.967	-14.967	0	%100
96	M87	Z	8.641	8.641	0	%100
97	M97A	X	-6.715	-6.715	0	%100
98	M97A	Z	3.877	3.877	0	%100
99	M98A	X	-.482	-.482	0	%100
100	M98A	Z	.278	.278	0	%100
101	M99A	X	-6.715	-6.715	0	%100
102	M99A	Z	3.877	3.877	0	%100
103	M100A	X	-.482	-.482	0	%100
104	M100A	Z	.278	.278	0	%100
105	M101A	X	-6.715	-6.715	0	%100
106	M101A	Z	3.877	3.877	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	-8.97	-8.97	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-8.97	-8.97	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-8.97	-8.97	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-8.97	-8.97	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-17.94	-17.94	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	-17.94	-17.94	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-21.528	-21.528	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-21.528	-21.528	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-12.827	-12.827	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-12.827	-12.827	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-12.827	-12.827	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
38	M19	Z	0	0	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-12.827	-12.827	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-12.827	-12.827	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-12.827	-12.827	0	%100
48	M24	Z	0	0	0	%100
49	MP1A	X	-10.226	-10.226	0	%100
50	MP1A	Z	0	0	0	%100
51	MP2A	X	-12.379	-12.379	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	-10.226	-10.226	0	%100
54	MP3A	Z	0	0	0	%100
55	MP4A	X	-10.226	-10.226	0	%100
56	MP4A	Z	0	0	0	%100
57	MP1B	X	-10.226	-10.226	0	%100
58	MP1B	Z	0	0	0	%100
59	MP2B	X	-12.379	-12.379	0	%100
60	MP2B	Z	0	0	0	%100
61	MP3B	X	-10.226	-10.226	0	%100
62	MP3B	Z	0	0	0	%100
63	MP4B	X	-10.226	-10.226	0	%100
64	MP4B	Z	0	0	0	%100
65	MP1C	X	-10.226	-10.226	0	%100
66	MP1C	Z	0	0	0	%100
67	MP2C	X	-12.379	-12.379	0	%100
68	MP2C	Z	0	0	0	%100
69	MP3C	X	-10.226	-10.226	0	%100
70	MP3C	Z	0	0	0	%100
71	MP4C	X	-10.226	-10.226	0	%100
72	MP4C	Z	0	0	0	%100
73	M49	X	-10.226	-10.226	0	%100
74	M49	Z	0	0	0	%100
75	M50	X	-10.226	-10.226	0	%100
76	M50	Z	0	0	0	%100
77	M51	X	-10.226	-10.226	0	%100
78	M51	Z	0	0	0	%100
79	M52	X	-10.226	-10.226	0	%100
80	M52	Z	0	0	0	%100
81	M61	X	-10.226	-10.226	0	%100
82	M61	Z	0	0	0	%100
83	M63	X	-13.032	-13.032	0	%100
84	M63	Z	0	0	0	%100
85	M69	X	0	0	0	%100
86	M69	Z	0	0	0	%100
87	M71	X	-13.032	-13.032	0	%100
88	M71	Z	0	0	0	%100
89	M77	X	-10.226	-10.226	0	%100
90	M77	Z	0	0	0	%100
91	M79	X	-13.032	-13.032	0	%100
92	M79	Z	0	0	0	%100
93	M85	X	0	0	0	%100
94	M85	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. %]
95	M87	X	-13.032	-13.032	0	%100
96	M87	Z	0	0	0	%100
97	M97A	X	-4.155	-4.155	0	%100
98	M97A	Z	0	0	0	%100
99	M98A	X	-4.155	-4.155	0	%100
100	M98A	Z	0	0	0	%100
101	M99A	X	-4.155	-4.155	0	%100
102	M99A	Z	0	0	0	%100
103	M100A	X	-4.155	-4.155	0	%100
104	M100A	Z	0	0	0	%100
105	M101A	X	-4.155	-4.155	0	%100
106	M101A	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	-1.041	-1.041	0	%100
2	M1	Z	-.601	-.601	0	%100
3	M2	X	-14.496	-14.496	0	%100
4	M2	Z	-8.369	-8.369	0	%100
5	M3	X	-1.041	-1.041	0	%100
6	M3	Z	-.601	-.601	0	%100
7	M4	X	-14.496	-14.496	0	%100
8	M4	Z	-8.369	-8.369	0	%100
9	M5	X	-3.884	-3.884	0	%100
10	M5	Z	-2.243	-2.243	0	%100
11	M6	X	-11.653	-11.653	0	%100
12	M6	Z	-6.728	-6.728	0	%100
13	M7	X	-3.884	-3.884	0	%100
14	M7	Z	-2.243	-2.243	0	%100
15	M8	X	-11.653	-11.653	0	%100
16	M8	Z	-6.728	-6.728	0	%100
17	M9	X	-4.661	-4.661	0	%100
18	M9	Z	-2.691	-2.691	0	%100
19	M10	X	-13.983	-13.983	0	%100
20	M10	Z	-8.073	-8.073	0	%100
21	M11	X	-4.661	-4.661	0	%100
22	M11	Z	-2.691	-2.691	0	%100
23	M12	X	-13.983	-13.983	0	%100
24	M12	Z	-8.073	-8.073	0	%100
25	M13	X	-2.777	-2.777	0	%100
26	M13	Z	-1.603	-1.603	0	%100
27	M14	X	-2.777	-2.777	0	%100
28	M14	Z	-1.603	-1.603	0	%100
29	M15	X	-2.777	-2.777	0	%100
30	M15	Z	-1.603	-1.603	0	%100
31	M16	X	-8.332	-8.332	0	%100
32	M16	Z	-4.81	-4.81	0	%100
33	M17	X	-8.332	-8.332	0	%100
34	M17	Z	-4.81	-4.81	0	%100
35	M18	X	-8.332	-8.332	0	%100
36	M18	Z	-4.81	-4.81	0	%100
37	M19	X	-2.777	-2.777	0	%100
38	M19	Z	-1.603	-1.603	0	%100
39	M20	X	-2.777	-2.777	0	%100
40	M20	Z	-1.603	-1.603	0	%100
41	M21	X	-2.777	-2.777	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.%]
42	M21	Z	-1.603	-1.603	0	%100
43	M22	X	-8.332	-8.332	0	%100
44	M22	Z	-4.81	-4.81	0	%100
45	M23	X	-8.332	-8.332	0	%100
46	M23	Z	-4.81	-4.81	0	%100
47	M24	X	-8.332	-8.332	0	%100
48	M24	Z	-4.81	-4.81	0	%100
49	MP1A	X	-8.856	-8.856	0	%100
50	MP1A	Z	-5.113	-5.113	0	%100
51	MP2A	X	-10.72	-10.72	0	%100
52	MP2A	Z	-6.189	-6.189	0	%100
53	MP3A	X	-8.856	-8.856	0	%100
54	MP3A	Z	-5.113	-5.113	0	%100
55	MP4A	X	-8.856	-8.856	0	%100
56	MP4A	Z	-5.113	-5.113	0	%100
57	MP1B	X	-8.856	-8.856	0	%100
58	MP1B	Z	-5.113	-5.113	0	%100
59	MP2B	X	-10.72	-10.72	0	%100
60	MP2B	Z	-6.189	-6.189	0	%100
61	MP3B	X	-8.856	-8.856	0	%100
62	MP3B	Z	-5.113	-5.113	0	%100
63	MP4B	X	-8.856	-8.856	0	%100
64	MP4B	Z	-5.113	-5.113	0	%100
65	MP1C	X	-8.856	-8.856	0	%100
66	MP1C	Z	-5.113	-5.113	0	%100
67	MP2C	X	-10.72	-10.72	0	%100
68	MP2C	Z	-6.189	-6.189	0	%100
69	MP3C	X	-8.856	-8.856	0	%100
70	MP3C	Z	-5.113	-5.113	0	%100
71	MP4C	X	-8.856	-8.856	0	%100
72	MP4C	Z	-5.113	-5.113	0	%100
73	M49	X	-8.856	-8.856	0	%100
74	M49	Z	-5.113	-5.113	0	%100
75	M50	X	-8.856	-8.856	0	%100
76	M50	Z	-5.113	-5.113	0	%100
77	M51	X	-8.856	-8.856	0	%100
78	M51	Z	-5.113	-5.113	0	%100
79	M52	X	-8.856	-8.856	0	%100
80	M52	Z	-5.113	-5.113	0	%100
81	M61	X	-6.642	-6.642	0	%100
82	M61	Z	-3.835	-3.835	0	%100
83	M63	X	-14.967	-14.967	0	%100
84	M63	Z	-8.641	-8.641	0	%100
85	M69	X	-2.214	-2.214	0	%100
86	M69	Z	-1.278	-1.278	0	%100
87	M71	X	-7.605	-7.605	0	%100
88	M71	Z	-4.391	-4.391	0	%100
89	M77	X	-6.642	-6.642	0	%100
90	M77	Z	-3.835	-3.835	0	%100
91	M79	X	-14.967	-14.967	0	%100
92	M79	Z	-8.641	-8.641	0	%100
93	M85	X	-2.214	-2.214	0	%100
94	M85	Z	-1.278	-1.278	0	%100
95	M87	X	-7.605	-7.605	0	%100
96	M87	Z	-4.391	-4.391	0	%100
97	M97A	X	-.482	-.482	0	%100
98	M97A	Z	-.278	-.278	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, %]
99	M98A	X	-6.715	-6.715	0	%100
100	M98A	Z	-3.877	-3.877	0	%100
101	M99A	X	-.482	-.482	0	%100
102	M99A	Z	-.278	-.278	0	%100
103	M100A	X	-6.715	-6.715	0	%100
104	M100A	Z	-3.877	-3.877	0	%100
105	M101A	X	-.482	-.482	0	%100
106	M101A	Z	-.278	-.278	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	-.601	-.601	0	%100
2	M1	Z	-1.041	-1.041	0	%100
3	M2	X	-8.369	-8.369	0	%100
4	M2	Z	-14.496	-14.496	0	%100
5	M3	X	-.601	-.601	0	%100
6	M3	Z	-1.041	-1.041	0	%100
7	M4	X	-8.369	-8.369	0	%100
8	M4	Z	-14.496	-14.496	0	%100
9	M5	X	-6.728	-6.728	0	%100
10	M5	Z	-11.653	-11.653	0	%100
11	M6	X	-2.243	-2.243	0	%100
12	M6	Z	-3.884	-3.884	0	%100
13	M7	X	-6.728	-6.728	0	%100
14	M7	Z	-11.653	-11.653	0	%100
15	M8	X	-2.243	-2.243	0	%100
16	M8	Z	-3.884	-3.884	0	%100
17	M9	X	-8.073	-8.073	0	%100
18	M9	Z	-13.983	-13.983	0	%100
19	M10	X	-2.691	-2.691	0	%100
20	M10	Z	-4.661	-4.661	0	%100
21	M11	X	-8.073	-8.073	0	%100
22	M11	Z	-13.983	-13.983	0	%100
23	M12	X	-2.691	-2.691	0	%100
24	M12	Z	-4.661	-4.661	0	%100
25	M13	X	-4.81	-4.81	0	%100
26	M13	Z	-8.332	-8.332	0	%100
27	M14	X	-4.81	-4.81	0	%100
28	M14	Z	-8.332	-8.332	0	%100
29	M15	X	-4.81	-4.81	0	%100
30	M15	Z	-8.332	-8.332	0	%100
31	M16	X	-1.603	-1.603	0	%100
32	M16	Z	-2.777	-2.777	0	%100
33	M17	X	-1.603	-1.603	0	%100
34	M17	Z	-2.777	-2.777	0	%100
35	M18	X	-1.603	-1.603	0	%100
36	M18	Z	-2.777	-2.777	0	%100
37	M19	X	-4.81	-4.81	0	%100
38	M19	Z	-8.332	-8.332	0	%100
39	M20	X	-4.81	-4.81	0	%100
40	M20	Z	-8.332	-8.332	0	%100
41	M21	X	-4.81	-4.81	0	%100
42	M21	Z	-8.332	-8.332	0	%100
43	M22	X	-1.603	-1.603	0	%100
44	M22	Z	-2.777	-2.777	0	%100
45	M23	X	-1.603	-1.603	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
46	M23	Z	-2.777	-2.777	0	%100
47	M24	X	-1.603	-1.603	0	%100
48	M24	Z	-2.777	-2.777	0	%100
49	MP1A	X	-5.113	-5.113	0	%100
50	MP1A	Z	-8.856	-8.856	0	%100
51	MP2A	X	-6.189	-6.189	0	%100
52	MP2A	Z	-10.72	-10.72	0	%100
53	MP3A	X	-5.113	-5.113	0	%100
54	MP3A	Z	-8.856	-8.856	0	%100
55	MP4A	X	-5.113	-5.113	0	%100
56	MP4A	Z	-8.856	-8.856	0	%100
57	MP1B	X	-5.113	-5.113	0	%100
58	MP1B	Z	-8.856	-8.856	0	%100
59	MP2B	X	-6.189	-6.189	0	%100
60	MP2B	Z	-10.72	-10.72	0	%100
61	MP3B	X	-5.113	-5.113	0	%100
62	MP3B	Z	-8.856	-8.856	0	%100
63	MP4B	X	-5.113	-5.113	0	%100
64	MP4B	Z	-8.856	-8.856	0	%100
65	MP1C	X	-5.113	-5.113	0	%100
66	MP1C	Z	-8.856	-8.856	0	%100
67	MP2C	X	-6.189	-6.189	0	%100
68	MP2C	Z	-10.72	-10.72	0	%100
69	MP3C	X	-5.113	-5.113	0	%100
70	MP3C	Z	-8.856	-8.856	0	%100
71	MP4C	X	-5.113	-5.113	0	%100
72	MP4C	Z	-8.856	-8.856	0	%100
73	M49	X	-5.113	-5.113	0	%100
74	M49	Z	-8.856	-8.856	0	%100
75	M50	X	-5.113	-5.113	0	%100
76	M50	Z	-8.856	-8.856	0	%100
77	M51	X	-5.113	-5.113	0	%100
78	M51	Z	-8.856	-8.856	0	%100
79	M52	X	-5.113	-5.113	0	%100
80	M52	Z	-8.856	-8.856	0	%100
81	M61	X	-1.278	-1.278	0	%100
82	M61	Z	-2.214	-2.214	0	%100
83	M63	X	-8.641	-8.641	0	%100
84	M63	Z	-14.967	-14.967	0	%100
85	M69	X	-3.835	-3.835	0	%100
86	M69	Z	-6.642	-6.642	0	%100
87	M71	X	-4.391	-4.391	0	%100
88	M71	Z	-7.605	-7.605	0	%100
89	M77	X	-1.278	-1.278	0	%100
90	M77	Z	-2.214	-2.214	0	%100
91	M79	X	-8.641	-8.641	0	%100
92	M79	Z	-14.967	-14.967	0	%100
93	M85	X	-3.835	-3.835	0	%100
94	M85	Z	-6.642	-6.642	0	%100
95	M87	X	-4.391	-4.391	0	%100
96	M87	Z	-7.605	-7.605	0	%100
97	M97A	X	-.278	-.278	0	%100
98	M97A	Z	-.482	-.482	0	%100
99	M98A	X	-3.877	-3.877	0	%100
100	M98A	Z	-6.715	-6.715	0	%100
101	M99A	X	-.278	-.278	0	%100
102	M99A	Z	-.482	-.482	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
103	M100A	X	-3.877	-3.877	0	%100
104	M100A	Z	-6.715	-6.715	0	%100
105	M101A	X	-.278	-.278	0	%100
106	M101A	Z	-.482	-.482	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	-2.868	-2.868	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-2.868	-2.868	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-2.868	-2.868	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-2.868	-2.868	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-5.736	-5.736	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-5.736	-5.736	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-6.359	-6.359	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-6.359	-6.359	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-4.15	-4.15	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-4.15	-4.15	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-4.15	-4.15	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-4.15	-4.15	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-4.15	-4.15	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-4.15	-4.15	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	MP1A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
50	MP1A	Z	-4.396	-4.396	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	-4.77	-4.77	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	-4.396	-4.396	0	%100
55	MP4A	X	0	0	0	%100
56	MP4A	Z	-4.396	-4.396	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	-4.396	-4.396	0	%100
59	MP2B	X	0	0	0	%100
60	MP2B	Z	-4.77	-4.77	0	%100
61	MP3B	X	0	0	0	%100
62	MP3B	Z	-4.396	-4.396	0	%100
63	MP4B	X	0	0	0	%100
64	MP4B	Z	-4.396	-4.396	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	-4.396	-4.396	0	%100
67	MP2C	X	0	0	0	%100
68	MP2C	Z	-4.77	-4.77	0	%100
69	MP3C	X	0	0	0	%100
70	MP3C	Z	-4.396	-4.396	0	%100
71	MP4C	X	0	0	0	%100
72	MP4C	Z	-4.396	-4.396	0	%100
73	M49	X	0	0	0	%100
74	M49	Z	-4.396	-4.396	0	%100
75	M50	X	0	0	0	%100
76	M50	Z	-4.396	-4.396	0	%100
77	M51	X	0	0	0	%100
78	M51	Z	-4.396	-4.396	0	%100
79	M52	X	0	0	0	%100
80	M52	Z	-4.396	-4.396	0	%100
81	M61	X	0	0	0	%100
82	M61	Z	0	0	0	%100
83	M63	X	0	0	0	%100
84	M63	Z	-3.878	-3.878	0	%100
85	M69	X	0	0	0	%100
86	M69	Z	-4.396	-4.396	0	%100
87	M71	X	0	0	0	%100
88	M71	Z	-3.878	-3.878	0	%100
89	M77	X	0	0	0	%100
90	M77	Z	0	0	0	%100
91	M79	X	0	0	0	%100
92	M79	Z	-3.878	-3.878	0	%100
93	M85	X	0	0	0	%100
94	M85	Z	-4.396	-4.396	0	%100
95	M87	X	0	0	0	%100
96	M87	Z	-3.878	-3.878	0	%100
97	M97A	X	0	0	0	%100
98	M97A	Z	-1.67	-1.67	0	%100
99	M98A	X	0	0	0	%100
100	M98A	Z	-1.67	-1.67	0	%100
101	M99A	X	0	0	0	%100
102	M99A	Z	-1.67	-1.67	0	%100
103	M100A	X	0	0	0	%100
104	M100A	Z	-1.67	-1.67	0	%100
105	M101A	X	0	0	0	%100
106	M101A	Z	-1.67	-1.67	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	2.676	2.676	0	%100
2	M1	Z	-4.635	-4.635	0	%100
3	M2	X	.192	.192	0	%100
4	M2	Z	-.333	-.333	0	%100
5	M3	X	2.676	2.676	0	%100
6	M3	Z	-4.635	-4.635	0	%100
7	M4	X	.192	.192	0	%100
8	M4	Z	-.333	-.333	0	%100
9	M5	X	2.151	2.151	0	%100
10	M5	Z	-3.725	-3.725	0	%100
11	M6	X	.717	.717	0	%100
12	M6	Z	-1.242	-1.242	0	%100
13	M7	X	2.151	2.151	0	%100
14	M7	Z	-3.725	-3.725	0	%100
15	M8	X	.717	.717	0	%100
16	M8	Z	-1.242	-1.242	0	%100
17	M9	X	2.384	2.384	0	%100
18	M9	Z	-4.13	-4.13	0	%100
19	M10	X	.795	.795	0	%100
20	M10	Z	-1.377	-1.377	0	%100
21	M11	X	2.384	2.384	0	%100
22	M11	Z	-4.13	-4.13	0	%100
23	M12	X	.795	.795	0	%100
24	M12	Z	-1.377	-1.377	0	%100
25	M13	X	1.556	1.556	0	%100
26	M13	Z	-2.696	-2.696	0	%100
27	M14	X	1.556	1.556	0	%100
28	M14	Z	-2.696	-2.696	0	%100
29	M15	X	1.556	1.556	0	%100
30	M15	Z	-2.696	-2.696	0	%100
31	M16	X	.519	.519	0	%100
32	M16	Z	-.899	-.899	0	%100
33	M17	X	.519	.519	0	%100
34	M17	Z	-.899	-.899	0	%100
35	M18	X	.519	.519	0	%100
36	M18	Z	-.899	-.899	0	%100
37	M19	X	1.556	1.556	0	%100
38	M19	Z	-2.696	-2.696	0	%100
39	M20	X	1.556	1.556	0	%100
40	M20	Z	-2.696	-2.696	0	%100
41	M21	X	1.556	1.556	0	%100
42	M21	Z	-2.696	-2.696	0	%100
43	M22	X	.519	.519	0	%100
44	M22	Z	-.899	-.899	0	%100
45	M23	X	.519	.519	0	%100
46	M23	Z	-.899	-.899	0	%100
47	M24	X	.519	.519	0	%100
48	M24	Z	-.899	-.899	0	%100
49	MP1A	X	2.198	2.198	0	%100
50	MP1A	Z	-3.807	-3.807	0	%100
51	MP2A	X	2.385	2.385	0	%100
52	MP2A	Z	-4.131	-4.131	0	%100
53	MP3A	X	2.198	2.198	0	%100
54	MP3A	Z	-3.807	-3.807	0	%100
55	MP4A	X	2.198	2.198	0	%100
56	MP4A	Z	-3.807	-3.807	0	%100
57	MP1B	X	2.198	2.198	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.%]
58	MP1B	Z	-3.807	-3.807	0	%100
59	MP2B	X	2.385	2.385	0	%100
60	MP2B	Z	-4.131	-4.131	0	%100
61	MP3B	X	2.198	2.198	0	%100
62	MP3B	Z	-3.807	-3.807	0	%100
63	MP4B	X	2.198	2.198	0	%100
64	MP4B	Z	-3.807	-3.807	0	%100
65	MP1C	X	2.198	2.198	0	%100
66	MP1C	Z	-3.807	-3.807	0	%100
67	MP2C	X	2.385	2.385	0	%100
68	MP2C	Z	-4.131	-4.131	0	%100
69	MP3C	X	2.198	2.198	0	%100
70	MP3C	Z	-3.807	-3.807	0	%100
71	MP4C	X	2.198	2.198	0	%100
72	MP4C	Z	-3.807	-3.807	0	%100
73	M49	X	2.198	2.198	0	%100
74	M49	Z	-3.807	-3.807	0	%100
75	M50	X	2.198	2.198	0	%100
76	M50	Z	-3.807	-3.807	0	%100
77	M51	X	2.198	2.198	0	%100
78	M51	Z	-3.807	-3.807	0	%100
79	M52	X	2.198	2.198	0	%100
80	M52	Z	-3.807	-3.807	0	%100
81	M61	X	.55	.55	0	%100
82	M61	Z	-.952	-.952	0	%100
83	M63	X	1.162	1.162	0	%100
84	M63	Z	-2.013	-2.013	0	%100
85	M69	X	1.649	1.649	0	%100
86	M69	Z	-2.856	-2.856	0	%100
87	M71	X	2.716	2.716	0	%100
88	M71	Z	-4.704	-4.704	0	%100
89	M77	X	.55	.55	0	%100
90	M77	Z	-.952	-.952	0	%100
91	M79	X	1.162	1.162	0	%100
92	M79	Z	-2.013	-2.013	0	%100
93	M85	X	1.649	1.649	0	%100
94	M85	Z	-2.856	-2.856	0	%100
95	M87	X	2.716	2.716	0	%100
96	M87	Z	-4.704	-4.704	0	%100
97	M97A	X	1.558	1.558	0	%100
98	M97A	Z	-2.699	-2.699	0	%100
99	M98A	X	.112	.112	0	%100
100	M98A	Z	-.194	-.194	0	%100
101	M99A	X	1.558	1.558	0	%100
102	M99A	Z	-2.699	-2.699	0	%100
103	M100A	X	.112	.112	0	%100
104	M100A	Z	-.194	-.194	0	%100
105	M101A	X	1.558	1.558	0	%100
106	M101A	Z	-2.699	-2.699	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	4.635	4.635	0	%100
2	M1	Z	-2.676	-2.676	0	%100
3	M2	X	.333	.333	0	%100
4	M2	Z	-.192	-.192	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, %]
5	M3	X	4.635	4.635	0	%100
6	M3	Z	-2.676	-2.676	0	%100
7	M4	X	.333	.333	0	%100
8	M4	Z	-.192	-.192	0	%100
9	M5	X	1.242	1.242	0	%100
10	M5	Z	-.717	-.717	0	%100
11	M6	X	3.725	3.725	0	%100
12	M6	Z	-2.151	-2.151	0	%100
13	M7	X	1.242	1.242	0	%100
14	M7	Z	-.717	-.717	0	%100
15	M8	X	3.725	3.725	0	%100
16	M8	Z	-2.151	-2.151	0	%100
17	M9	X	1.377	1.377	0	%100
18	M9	Z	-.795	-.795	0	%100
19	M10	X	4.13	4.13	0	%100
20	M10	Z	-2.384	-2.384	0	%100
21	M11	X	1.377	1.377	0	%100
22	M11	Z	-.795	-.795	0	%100
23	M12	X	4.13	4.13	0	%100
24	M12	Z	-2.384	-2.384	0	%100
25	M13	X	.899	.899	0	%100
26	M13	Z	-.519	-.519	0	%100
27	M14	X	.899	.899	0	%100
28	M14	Z	-.519	-.519	0	%100
29	M15	X	.899	.899	0	%100
30	M15	Z	-.519	-.519	0	%100
31	M16	X	2.696	2.696	0	%100
32	M16	Z	-1.556	-1.556	0	%100
33	M17	X	2.696	2.696	0	%100
34	M17	Z	-1.556	-1.556	0	%100
35	M18	X	2.696	2.696	0	%100
36	M18	Z	-1.556	-1.556	0	%100
37	M19	X	.899	.899	0	%100
38	M19	Z	-.519	-.519	0	%100
39	M20	X	.899	.899	0	%100
40	M20	Z	-.519	-.519	0	%100
41	M21	X	.899	.899	0	%100
42	M21	Z	-.519	-.519	0	%100
43	M22	X	2.696	2.696	0	%100
44	M22	Z	-1.556	-1.556	0	%100
45	M23	X	2.696	2.696	0	%100
46	M23	Z	-1.556	-1.556	0	%100
47	M24	X	2.696	2.696	0	%100
48	M24	Z	-1.556	-1.556	0	%100
49	MP1A	X	3.807	3.807	0	%100
50	MP1A	Z	-2.198	-2.198	0	%100
51	MP2A	X	4.131	4.131	0	%100
52	MP2A	Z	-2.385	-2.385	0	%100
53	MP3A	X	3.807	3.807	0	%100
54	MP3A	Z	-2.198	-2.198	0	%100
55	MP4A	X	3.807	3.807	0	%100
56	MP4A	Z	-2.198	-2.198	0	%100
57	MP1B	X	3.807	3.807	0	%100
58	MP1B	Z	-2.198	-2.198	0	%100
59	MP2B	X	4.131	4.131	0	%100
60	MP2B	Z	-2.385	-2.385	0	%100
61	MP3B	X	3.807	3.807	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.%]
62	MP3B	Z	-2.198	-2.198	0	%100
63	MP4B	X	3.807	3.807	0	%100
64	MP4B	Z	-2.198	-2.198	0	%100
65	MP1C	X	3.807	3.807	0	%100
66	MP1C	Z	-2.198	-2.198	0	%100
67	MP2C	X	4.131	4.131	0	%100
68	MP2C	Z	-2.385	-2.385	0	%100
69	MP3C	X	3.807	3.807	0	%100
70	MP3C	Z	-2.198	-2.198	0	%100
71	MP4C	X	3.807	3.807	0	%100
72	MP4C	Z	-2.198	-2.198	0	%100
73	M49	X	3.807	3.807	0	%100
74	M49	Z	-2.198	-2.198	0	%100
75	M50	X	3.807	3.807	0	%100
76	M50	Z	-2.198	-2.198	0	%100
77	M51	X	3.807	3.807	0	%100
78	M51	Z	-2.198	-2.198	0	%100
79	M52	X	3.807	3.807	0	%100
80	M52	Z	-2.198	-2.198	0	%100
81	M61	X	2.856	2.856	0	%100
82	M61	Z	-1.649	-1.649	0	%100
83	M63	X	2.013	2.013	0	%100
84	M63	Z	-1.162	-1.162	0	%100
85	M69	X	.952	.952	0	%100
86	M69	Z	-.55	-.55	0	%100
87	M71	X	4.704	4.704	0	%100
88	M71	Z	-2.716	-2.716	0	%100
89	M77	X	2.856	2.856	0	%100
90	M77	Z	-1.649	-1.649	0	%100
91	M79	X	2.013	2.013	0	%100
92	M79	Z	-1.162	-1.162	0	%100
93	M85	X	.952	.952	0	%100
94	M85	Z	-.55	-.55	0	%100
95	M87	X	4.704	4.704	0	%100
96	M87	Z	-2.716	-2.716	0	%100
97	M97A	X	2.699	2.699	0	%100
98	M97A	Z	-1.558	-1.558	0	%100
99	M98A	X	.194	.194	0	%100
100	M98A	Z	-.112	-.112	0	%100
101	M99A	X	2.699	2.699	0	%100
102	M99A	Z	-1.558	-1.558	0	%100
103	M100A	X	.194	.194	0	%100
104	M100A	Z	-.112	-.112	0	%100
105	M101A	X	2.699	2.699	0	%100
106	M101A	Z	-1.558	-1.558	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	2.868	2.868	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	2.868	2.868	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	2.868	2.868	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	2.868	2.868	0	%100
8	M4	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft. %]	End Location[ft. %]
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	5.736	5.736	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	5.736	5.736	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	6.359	6.359	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	6.359	6.359	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	4.15	4.15	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	4.15	4.15	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	4.15	4.15	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	4.15	4.15	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	4.15	4.15	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	4.15	4.15	0	%100
48	M24	Z	0	0	0	%100
49	MP1A	X	4.396	4.396	0	%100
50	MP1A	Z	0	0	0	%100
51	MP2A	X	4.77	4.77	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	4.396	4.396	0	%100
54	MP3A	Z	0	0	0	%100
55	MP4A	X	4.396	4.396	0	%100
56	MP4A	Z	0	0	0	%100
57	MP1B	X	4.396	4.396	0	%100
58	MP1B	Z	0	0	0	%100
59	MP2B	X	4.77	4.77	0	%100
60	MP2B	Z	0	0	0	%100
61	MP3B	X	4.396	4.396	0	%100
62	MP3B	Z	0	0	0	%100
63	MP4B	X	4.396	4.396	0	%100
64	MP4B	Z	0	0	0	%100
65	MP1C	X	4.396	4.396	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.%]
66	MP1C	Z	0	0	0	%100
67	MP2C	X	4.77	4.77	0	%100
68	MP2C	Z	0	0	0	%100
69	MP3C	X	4.396	4.396	0	%100
70	MP3C	Z	0	0	0	%100
71	MP4C	X	4.396	4.396	0	%100
72	MP4C	Z	0	0	0	%100
73	M49	X	4.396	4.396	0	%100
74	M49	Z	0	0	0	%100
75	M50	X	4.396	4.396	0	%100
76	M50	Z	0	0	0	%100
77	M51	X	4.396	4.396	0	%100
78	M51	Z	0	0	0	%100
79	M52	X	4.396	4.396	0	%100
80	M52	Z	0	0	0	%100
81	M61	X	4.396	4.396	0	%100
82	M61	Z	0	0	0	%100
83	M63	X	3.878	3.878	0	%100
84	M63	Z	0	0	0	%100
85	M69	X	0	0	0	%100
86	M69	Z	0	0	0	%100
87	M71	X	3.878	3.878	0	%100
88	M71	Z	0	0	0	%100
89	M77	X	4.396	4.396	0	%100
90	M77	Z	0	0	0	%100
91	M79	X	3.878	3.878	0	%100
92	M79	Z	0	0	0	%100
93	M85	X	0	0	0	%100
94	M85	Z	0	0	0	%100
95	M87	X	3.878	3.878	0	%100
96	M87	Z	0	0	0	%100
97	M97A	X	1.67	1.67	0	%100
98	M97A	Z	0	0	0	%100
99	M98A	X	1.67	1.67	0	%100
100	M98A	Z	0	0	0	%100
101	M99A	X	1.67	1.67	0	%100
102	M99A	Z	0	0	0	%100
103	M100A	X	1.67	1.67	0	%100
104	M100A	Z	0	0	0	%100
105	M101A	X	1.67	1.67	0	%100
106	M101A	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	.333	.333	0	%100
2	M1	Z	.192	.192	0	%100
3	M2	X	4.635	4.635	0	%100
4	M2	Z	2.676	2.676	0	%100
5	M3	X	.333	.333	0	%100
6	M3	Z	.192	.192	0	%100
7	M4	X	4.635	4.635	0	%100
8	M4	Z	2.676	2.676	0	%100
9	M5	X	1.242	1.242	0	%100
10	M5	Z	.717	.717	0	%100
11	M6	X	3.725	3.725	0	%100
12	M6	Z	2.151	2.151	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.%]
13	M7	X	1.242	1.242	0	%100
14	M7	Z	.717	.717	0	%100
15	M8	X	3.725	3.725	0	%100
16	M8	Z	2.151	2.151	0	%100
17	M9	X	1.377	1.377	0	%100
18	M9	Z	.795	.795	0	%100
19	M10	X	4.13	4.13	0	%100
20	M10	Z	2.384	2.384	0	%100
21	M11	X	1.377	1.377	0	%100
22	M11	Z	.795	.795	0	%100
23	M12	X	4.13	4.13	0	%100
24	M12	Z	2.384	2.384	0	%100
25	M13	X	.899	.899	0	%100
26	M13	Z	.519	.519	0	%100
27	M14	X	.899	.899	0	%100
28	M14	Z	.519	.519	0	%100
29	M15	X	.899	.899	0	%100
30	M15	Z	.519	.519	0	%100
31	M16	X	2.696	2.696	0	%100
32	M16	Z	1.556	1.556	0	%100
33	M17	X	2.696	2.696	0	%100
34	M17	Z	1.556	1.556	0	%100
35	M18	X	2.696	2.696	0	%100
36	M18	Z	1.556	1.556	0	%100
37	M19	X	.899	.899	0	%100
38	M19	Z	.519	.519	0	%100
39	M20	X	.899	.899	0	%100
40	M20	Z	.519	.519	0	%100
41	M21	X	.899	.899	0	%100
42	M21	Z	.519	.519	0	%100
43	M22	X	2.696	2.696	0	%100
44	M22	Z	1.556	1.556	0	%100
45	M23	X	2.696	2.696	0	%100
46	M23	Z	1.556	1.556	0	%100
47	M24	X	2.696	2.696	0	%100
48	M24	Z	1.556	1.556	0	%100
49	MP1A	X	3.807	3.807	0	%100
50	MP1A	Z	2.198	2.198	0	%100
51	MP2A	X	4.131	4.131	0	%100
52	MP2A	Z	2.385	2.385	0	%100
53	MP3A	X	3.807	3.807	0	%100
54	MP3A	Z	2.198	2.198	0	%100
55	MP4A	X	3.807	3.807	0	%100
56	MP4A	Z	2.198	2.198	0	%100
57	MP1B	X	3.807	3.807	0	%100
58	MP1B	Z	2.198	2.198	0	%100
59	MP2B	X	4.131	4.131	0	%100
60	MP2B	Z	2.385	2.385	0	%100
61	MP3B	X	3.807	3.807	0	%100
62	MP3B	Z	2.198	2.198	0	%100
63	MP4B	X	3.807	3.807	0	%100
64	MP4B	Z	2.198	2.198	0	%100
65	MP1C	X	3.807	3.807	0	%100
66	MP1C	Z	2.198	2.198	0	%100
67	MP2C	X	4.131	4.131	0	%100
68	MP2C	Z	2.385	2.385	0	%100
69	MP3C	X	3.807	3.807	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, %]
70	MP3C	Z	2.198	2.198	0	%100
71	MP4C	X	3.807	3.807	0	%100
72	MP4C	Z	2.198	2.198	0	%100
73	M49	X	3.807	3.807	0	%100
74	M49	Z	2.198	2.198	0	%100
75	M50	X	3.807	3.807	0	%100
76	M50	Z	2.198	2.198	0	%100
77	M51	X	3.807	3.807	0	%100
78	M51	Z	2.198	2.198	0	%100
79	M52	X	3.807	3.807	0	%100
80	M52	Z	2.198	2.198	0	%100
81	M61	X	2.856	2.856	0	%100
82	M61	Z	1.649	1.649	0	%100
83	M63	X	4.704	4.704	0	%100
84	M63	Z	2.716	2.716	0	%100
85	M69	X	.952	.952	0	%100
86	M69	Z	.55	.55	0	%100
87	M71	X	2.013	2.013	0	%100
88	M71	Z	1.162	1.162	0	%100
89	M77	X	2.856	2.856	0	%100
90	M77	Z	1.649	1.649	0	%100
91	M79	X	4.704	4.704	0	%100
92	M79	Z	2.716	2.716	0	%100
93	M85	X	.952	.952	0	%100
94	M85	Z	.55	.55	0	%100
95	M87	X	2.013	2.013	0	%100
96	M87	Z	1.162	1.162	0	%100
97	M97A	X	.194	.194	0	%100
98	M97A	Z	.112	.112	0	%100
99	M98A	X	2.699	2.699	0	%100
100	M98A	Z	1.558	1.558	0	%100
101	M99A	X	.194	.194	0	%100
102	M99A	Z	.112	.112	0	%100
103	M100A	X	2.699	2.699	0	%100
104	M100A	Z	1.558	1.558	0	%100
105	M101A	X	.194	.194	0	%100
106	M101A	Z	.112	.112	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	.192	.192	0	%100
2	M1	Z	.333	.333	0	%100
3	M2	X	2.676	2.676	0	%100
4	M2	Z	4.635	4.635	0	%100
5	M3	X	.192	.192	0	%100
6	M3	Z	.333	.333	0	%100
7	M4	X	2.676	2.676	0	%100
8	M4	Z	4.635	4.635	0	%100
9	M5	X	2.151	2.151	0	%100
10	M5	Z	3.725	3.725	0	%100
11	M6	X	.717	.717	0	%100
12	M6	Z	1.242	1.242	0	%100
13	M7	X	2.151	2.151	0	%100
14	M7	Z	3.725	3.725	0	%100
15	M8	X	.717	.717	0	%100
16	M8	Z	1.242	1.242	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, %]
17	M9	X	2.384	2.384	0	%100
18	M9	Z	4.13	4.13	0	%100
19	M10	X	.795	.795	0	%100
20	M10	Z	1.377	1.377	0	%100
21	M11	X	2.384	2.384	0	%100
22	M11	Z	4.13	4.13	0	%100
23	M12	X	.795	.795	0	%100
24	M12	Z	1.377	1.377	0	%100
25	M13	X	1.556	1.556	0	%100
26	M13	Z	2.696	2.696	0	%100
27	M14	X	1.556	1.556	0	%100
28	M14	Z	2.696	2.696	0	%100
29	M15	X	1.556	1.556	0	%100
30	M15	Z	2.696	2.696	0	%100
31	M16	X	.519	.519	0	%100
32	M16	Z	.899	.899	0	%100
33	M17	X	.519	.519	0	%100
34	M17	Z	.899	.899	0	%100
35	M18	X	.519	.519	0	%100
36	M18	Z	.899	.899	0	%100
37	M19	X	1.556	1.556	0	%100
38	M19	Z	2.696	2.696	0	%100
39	M20	X	1.556	1.556	0	%100
40	M20	Z	2.696	2.696	0	%100
41	M21	X	1.556	1.556	0	%100
42	M21	Z	2.696	2.696	0	%100
43	M22	X	.519	.519	0	%100
44	M22	Z	.899	.899	0	%100
45	M23	X	.519	.519	0	%100
46	M23	Z	.899	.899	0	%100
47	M24	X	.519	.519	0	%100
48	M24	Z	.899	.899	0	%100
49	MP1A	X	2.198	2.198	0	%100
50	MP1A	Z	3.807	3.807	0	%100
51	MP2A	X	2.385	2.385	0	%100
52	MP2A	Z	4.131	4.131	0	%100
53	MP3A	X	2.198	2.198	0	%100
54	MP3A	Z	3.807	3.807	0	%100
55	MP4A	X	2.198	2.198	0	%100
56	MP4A	Z	3.807	3.807	0	%100
57	MP1B	X	2.198	2.198	0	%100
58	MP1B	Z	3.807	3.807	0	%100
59	MP2B	X	2.385	2.385	0	%100
60	MP2B	Z	4.131	4.131	0	%100
61	MP3B	X	2.198	2.198	0	%100
62	MP3B	Z	3.807	3.807	0	%100
63	MP4B	X	2.198	2.198	0	%100
64	MP4B	Z	3.807	3.807	0	%100
65	MP1C	X	2.198	2.198	0	%100
66	MP1C	Z	3.807	3.807	0	%100
67	MP2C	X	2.385	2.385	0	%100
68	MP2C	Z	4.131	4.131	0	%100
69	MP3C	X	2.198	2.198	0	%100
70	MP3C	Z	3.807	3.807	0	%100
71	MP4C	X	2.198	2.198	0	%100
72	MP4C	Z	3.807	3.807	0	%100
73	M49	X	2.198	2.198	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, %]
74	M49	Z	3.807	3.807	0	%100
75	M50	X	2.198	2.198	0	%100
76	M50	Z	3.807	3.807	0	%100
77	M51	X	2.198	2.198	0	%100
78	M51	Z	3.807	3.807	0	%100
79	M52	X	2.198	2.198	0	%100
80	M52	Z	3.807	3.807	0	%100
81	M61	X	.55	.55	0	%100
82	M61	Z	.952	.952	0	%100
83	M63	X	2.716	2.716	0	%100
84	M63	Z	4.704	4.704	0	%100
85	M69	X	1.649	1.649	0	%100
86	M69	Z	2.856	2.856	0	%100
87	M71	X	1.162	1.162	0	%100
88	M71	Z	2.013	2.013	0	%100
89	M77	X	.55	.55	0	%100
90	M77	Z	.952	.952	0	%100
91	M79	X	2.716	2.716	0	%100
92	M79	Z	4.704	4.704	0	%100
93	M85	X	1.649	1.649	0	%100
94	M85	Z	2.856	2.856	0	%100
95	M87	X	1.162	1.162	0	%100
96	M87	Z	2.013	2.013	0	%100
97	M97A	X	.112	.112	0	%100
98	M97A	Z	.194	.194	0	%100
99	M98A	X	1.558	1.558	0	%100
100	M98A	Z	2.699	2.699	0	%100
101	M99A	X	.112	.112	0	%100
102	M99A	Z	.194	.194	0	%100
103	M100A	X	1.558	1.558	0	%100
104	M100A	Z	2.699	2.699	0	%100
105	M101A	X	.112	.112	0	%100
106	M101A	Z	.194	.194	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	2.868	2.868	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	2.868	2.868	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	2.868	2.868	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	2.868	2.868	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	5.736	5.736	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	5.736	5.736	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	6.359	6.359	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
21	M11	X	0	0	0	%100
22	M11	Z	6.359	6.359	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	4.15	4.15	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	4.15	4.15	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	4.15	4.15	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	4.15	4.15	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	4.15	4.15	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	4.15	4.15	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	MP1A	X	0	0	0	%100
50	MP1A	Z	4.396	4.396	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	4.77	4.77	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	4.396	4.396	0	%100
55	MP4A	X	0	0	0	%100
56	MP4A	Z	4.396	4.396	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	4.396	4.396	0	%100
59	MP2B	X	0	0	0	%100
60	MP2B	Z	4.77	4.77	0	%100
61	MP3B	X	0	0	0	%100
62	MP3B	Z	4.396	4.396	0	%100
63	MP4B	X	0	0	0	%100
64	MP4B	Z	4.396	4.396	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	4.396	4.396	0	%100
67	MP2C	X	0	0	0	%100
68	MP2C	Z	4.77	4.77	0	%100
69	MP3C	X	0	0	0	%100
70	MP3C	Z	4.396	4.396	0	%100
71	MP4C	X	0	0	0	%100
72	MP4C	Z	4.396	4.396	0	%100
73	M49	X	0	0	0	%100
74	M49	Z	4.396	4.396	0	%100
75	M50	X	0	0	0	%100
76	M50	Z	4.396	4.396	0	%100
77	M51	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
78	M51	Z	4.396	4.396	0	%100
79	M52	X	0	0	0	%100
80	M52	Z	4.396	4.396	0	%100
81	M61	X	0	0	0	%100
82	M61	Z	0	0	0	%100
83	M63	X	0	0	0	%100
84	M63	Z	3.878	3.878	0	%100
85	M69	X	0	0	0	%100
86	M69	Z	4.396	4.396	0	%100
87	M71	X	0	0	0	%100
88	M71	Z	3.878	3.878	0	%100
89	M77	X	0	0	0	%100
90	M77	Z	0	0	0	%100
91	M79	X	0	0	0	%100
92	M79	Z	3.878	3.878	0	%100
93	M85	X	0	0	0	%100
94	M85	Z	4.396	4.396	0	%100
95	M87	X	0	0	0	%100
96	M87	Z	3.878	3.878	0	%100
97	M97A	X	0	0	0	%100
98	M97A	Z	1.67	1.67	0	%100
99	M98A	X	0	0	0	%100
100	M98A	Z	1.67	1.67	0	%100
101	M99A	X	0	0	0	%100
102	M99A	Z	1.67	1.67	0	%100
103	M100A	X	0	0	0	%100
104	M100A	Z	1.67	1.67	0	%100
105	M101A	X	0	0	0	%100
106	M101A	Z	1.67	1.67	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	-2.676	-2.676	0	%100
2	M1	Z	4.635	4.635	0	%100
3	M2	X	-.192	-.192	0	%100
4	M2	Z	.333	.333	0	%100
5	M3	X	-2.676	-2.676	0	%100
6	M3	Z	4.635	4.635	0	%100
7	M4	X	-.192	-.192	0	%100
8	M4	Z	.333	.333	0	%100
9	M5	X	-2.151	-2.151	0	%100
10	M5	Z	3.725	3.725	0	%100
11	M6	X	-.717	-.717	0	%100
12	M6	Z	1.242	1.242	0	%100
13	M7	X	-2.151	-2.151	0	%100
14	M7	Z	3.725	3.725	0	%100
15	M8	X	-.717	-.717	0	%100
16	M8	Z	1.242	1.242	0	%100
17	M9	X	-2.384	-2.384	0	%100
18	M9	Z	4.13	4.13	0	%100
19	M10	X	-.795	-.795	0	%100
20	M10	Z	1.377	1.377	0	%100
21	M11	X	-2.384	-2.384	0	%100
22	M11	Z	4.13	4.13	0	%100
23	M12	X	-.795	-.795	0	%100
24	M12	Z	1.377	1.377	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, %]
25	M13	X	-1.556	-1.556	0	%100
26	M13	Z	2.696	2.696	0	%100
27	M14	X	-1.556	-1.556	0	%100
28	M14	Z	2.696	2.696	0	%100
29	M15	X	-1.556	-1.556	0	%100
30	M15	Z	2.696	2.696	0	%100
31	M16	X	-.519	-.519	0	%100
32	M16	Z	.899	.899	0	%100
33	M17	X	-.519	-.519	0	%100
34	M17	Z	.899	.899	0	%100
35	M18	X	-.519	-.519	0	%100
36	M18	Z	.899	.899	0	%100
37	M19	X	-1.556	-1.556	0	%100
38	M19	Z	2.696	2.696	0	%100
39	M20	X	-1.556	-1.556	0	%100
40	M20	Z	2.696	2.696	0	%100
41	M21	X	-1.556	-1.556	0	%100
42	M21	Z	2.696	2.696	0	%100
43	M22	X	-.519	-.519	0	%100
44	M22	Z	.899	.899	0	%100
45	M23	X	-.519	-.519	0	%100
46	M23	Z	.899	.899	0	%100
47	M24	X	-.519	-.519	0	%100
48	M24	Z	.899	.899	0	%100
49	MP1A	X	-2.198	-2.198	0	%100
50	MP1A	Z	3.807	3.807	0	%100
51	MP2A	X	-2.385	-2.385	0	%100
52	MP2A	Z	4.131	4.131	0	%100
53	MP3A	X	-2.198	-2.198	0	%100
54	MP3A	Z	3.807	3.807	0	%100
55	MP4A	X	-2.198	-2.198	0	%100
56	MP4A	Z	3.807	3.807	0	%100
57	MP1B	X	-2.198	-2.198	0	%100
58	MP1B	Z	3.807	3.807	0	%100
59	MP2B	X	-2.385	-2.385	0	%100
60	MP2B	Z	4.131	4.131	0	%100
61	MP3B	X	-2.198	-2.198	0	%100
62	MP3B	Z	3.807	3.807	0	%100
63	MP4B	X	-2.198	-2.198	0	%100
64	MP4B	Z	3.807	3.807	0	%100
65	MP1C	X	-2.198	-2.198	0	%100
66	MP1C	Z	3.807	3.807	0	%100
67	MP2C	X	-2.385	-2.385	0	%100
68	MP2C	Z	4.131	4.131	0	%100
69	MP3C	X	-2.198	-2.198	0	%100
70	MP3C	Z	3.807	3.807	0	%100
71	MP4C	X	-2.198	-2.198	0	%100
72	MP4C	Z	3.807	3.807	0	%100
73	M49	X	-2.198	-2.198	0	%100
74	M49	Z	3.807	3.807	0	%100
75	M50	X	-2.198	-2.198	0	%100
76	M50	Z	3.807	3.807	0	%100
77	M51	X	-2.198	-2.198	0	%100
78	M51	Z	3.807	3.807	0	%100
79	M52	X	-2.198	-2.198	0	%100
80	M52	Z	3.807	3.807	0	%100
81	M61	X	-.55	-.55	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.%]
82	M61	Z	.952	.952	0	%100
83	M63	X	-1.162	-1.162	0	%100
84	M63	Z	2.013	2.013	0	%100
85	M69	X	-1.649	-1.649	0	%100
86	M69	Z	2.856	2.856	0	%100
87	M71	X	-2.716	-2.716	0	%100
88	M71	Z	4.704	4.704	0	%100
89	M77	X	-.55	-.55	0	%100
90	M77	Z	.952	.952	0	%100
91	M79	X	-1.162	-1.162	0	%100
92	M79	Z	2.013	2.013	0	%100
93	M85	X	-1.649	-1.649	0	%100
94	M85	Z	2.856	2.856	0	%100
95	M87	X	-2.716	-2.716	0	%100
96	M87	Z	4.704	4.704	0	%100
97	M97A	X	-1.558	-1.558	0	%100
98	M97A	Z	2.699	2.699	0	%100
99	M98A	X	-.112	-.112	0	%100
100	M98A	Z	.194	.194	0	%100
101	M99A	X	-1.558	-1.558	0	%100
102	M99A	Z	2.699	2.699	0	%100
103	M100A	X	-.112	-.112	0	%100
104	M100A	Z	.194	.194	0	%100
105	M101A	X	-1.558	-1.558	0	%100
106	M101A	Z	2.699	2.699	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	-4.635	-4.635	0	%100
2	M1	Z	2.676	2.676	0	%100
3	M2	X	-.333	-.333	0	%100
4	M2	Z	.192	.192	0	%100
5	M3	X	-4.635	-4.635	0	%100
6	M3	Z	2.676	2.676	0	%100
7	M4	X	-.333	-.333	0	%100
8	M4	Z	.192	.192	0	%100
9	M5	X	-1.242	-1.242	0	%100
10	M5	Z	.717	.717	0	%100
11	M6	X	-3.725	-3.725	0	%100
12	M6	Z	2.151	2.151	0	%100
13	M7	X	-1.242	-1.242	0	%100
14	M7	Z	.717	.717	0	%100
15	M8	X	-3.725	-3.725	0	%100
16	M8	Z	2.151	2.151	0	%100
17	M9	X	-1.377	-1.377	0	%100
18	M9	Z	.795	.795	0	%100
19	M10	X	-4.13	-4.13	0	%100
20	M10	Z	2.384	2.384	0	%100
21	M11	X	-1.377	-1.377	0	%100
22	M11	Z	.795	.795	0	%100
23	M12	X	-4.13	-4.13	0	%100
24	M12	Z	2.384	2.384	0	%100
25	M13	X	-.899	-.899	0	%100
26	M13	Z	.519	.519	0	%100
27	M14	X	-.899	-.899	0	%100
28	M14	Z	.519	.519	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft. %]	End Location[ft. %]
29	M15	X	- .899	- .899	0	%100
30	M15	Z	.519	.519	0	%100
31	M16	X	-2.696	-2.696	0	%100
32	M16	Z	1.556	1.556	0	%100
33	M17	X	-2.696	-2.696	0	%100
34	M17	Z	1.556	1.556	0	%100
35	M18	X	-2.696	-2.696	0	%100
36	M18	Z	1.556	1.556	0	%100
37	M19	X	- .899	- .899	0	%100
38	M19	Z	.519	.519	0	%100
39	M20	X	- .899	- .899	0	%100
40	M20	Z	.519	.519	0	%100
41	M21	X	- .899	- .899	0	%100
42	M21	Z	.519	.519	0	%100
43	M22	X	-2.696	-2.696	0	%100
44	M22	Z	1.556	1.556	0	%100
45	M23	X	-2.696	-2.696	0	%100
46	M23	Z	1.556	1.556	0	%100
47	M24	X	-2.696	-2.696	0	%100
48	M24	Z	1.556	1.556	0	%100
49	MP1A	X	-3.807	-3.807	0	%100
50	MP1A	Z	2.198	2.198	0	%100
51	MP2A	X	-4.131	-4.131	0	%100
52	MP2A	Z	2.385	2.385	0	%100
53	MP3A	X	-3.807	-3.807	0	%100
54	MP3A	Z	2.198	2.198	0	%100
55	MP4A	X	-3.807	-3.807	0	%100
56	MP4A	Z	2.198	2.198	0	%100
57	MP1B	X	-3.807	-3.807	0	%100
58	MP1B	Z	2.198	2.198	0	%100
59	MP2B	X	-4.131	-4.131	0	%100
60	MP2B	Z	2.385	2.385	0	%100
61	MP3B	X	-3.807	-3.807	0	%100
62	MP3B	Z	2.198	2.198	0	%100
63	MP4B	X	-3.807	-3.807	0	%100
64	MP4B	Z	2.198	2.198	0	%100
65	MP1C	X	-3.807	-3.807	0	%100
66	MP1C	Z	2.198	2.198	0	%100
67	MP2C	X	-4.131	-4.131	0	%100
68	MP2C	Z	2.385	2.385	0	%100
69	MP3C	X	-3.807	-3.807	0	%100
70	MP3C	Z	2.198	2.198	0	%100
71	MP4C	X	-3.807	-3.807	0	%100
72	MP4C	Z	2.198	2.198	0	%100
73	M49	X	-3.807	-3.807	0	%100
74	M49	Z	2.198	2.198	0	%100
75	M50	X	-3.807	-3.807	0	%100
76	M50	Z	2.198	2.198	0	%100
77	M51	X	-3.807	-3.807	0	%100
78	M51	Z	2.198	2.198	0	%100
79	M52	X	-3.807	-3.807	0	%100
80	M52	Z	2.198	2.198	0	%100
81	M61	X	-2.856	-2.856	0	%100
82	M61	Z	1.649	1.649	0	%100
83	M63	X	-2.013	-2.013	0	%100
84	M63	Z	1.162	1.162	0	%100
85	M69	X	-.952	-.952	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.%,]
86	M69	Z	.55	.55	0	%100
87	M71	X	-4.704	-4.704	0	%100
88	M71	Z	2.716	2.716	0	%100
89	M77	X	-2.856	-2.856	0	%100
90	M77	Z	1.649	1.649	0	%100
91	M79	X	-2.013	-2.013	0	%100
92	M79	Z	1.162	1.162	0	%100
93	M85	X	-.952	-.952	0	%100
94	M85	Z	.55	.55	0	%100
95	M87	X	-4.704	-4.704	0	%100
96	M87	Z	2.716	2.716	0	%100
97	M97A	X	-2.699	-2.699	0	%100
98	M97A	Z	1.558	1.558	0	%100
99	M98A	X	-.194	-.194	0	%100
100	M98A	Z	.112	.112	0	%100
101	M99A	X	-2.699	-2.699	0	%100
102	M99A	Z	1.558	1.558	0	%100
103	M100A	X	-.194	-.194	0	%100
104	M100A	Z	.112	.112	0	%100
105	M101A	X	-2.699	-2.699	0	%100
106	M101A	Z	1.558	1.558	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	-2.868	-2.868	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-2.868	-2.868	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-2.868	-2.868	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-2.868	-2.868	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-5.736	-5.736	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	-5.736	-5.736	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-6.359	-6.359	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-6.359	-6.359	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-4.15	-4.15	0	%100
32	M16	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft. %]	End Location[ft. %]
33	M17	X	-4.15	-4.15	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-4.15	-4.15	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-4.15	-4.15	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-4.15	-4.15	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-4.15	-4.15	0	%100
48	M24	Z	0	0	0	%100
49	MP1A	X	-4.396	-4.396	0	%100
50	MP1A	Z	0	0	0	%100
51	MP2A	X	-4.77	-4.77	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	-4.396	-4.396	0	%100
54	MP3A	Z	0	0	0	%100
55	MP4A	X	-4.396	-4.396	0	%100
56	MP4A	Z	0	0	0	%100
57	MP1B	X	-4.396	-4.396	0	%100
58	MP1B	Z	0	0	0	%100
59	MP2B	X	-4.77	-4.77	0	%100
60	MP2B	Z	0	0	0	%100
61	MP3B	X	-4.396	-4.396	0	%100
62	MP3B	Z	0	0	0	%100
63	MP4B	X	-4.396	-4.396	0	%100
64	MP4B	Z	0	0	0	%100
65	MP1C	X	-4.396	-4.396	0	%100
66	MP1C	Z	0	0	0	%100
67	MP2C	X	-4.77	-4.77	0	%100
68	MP2C	Z	0	0	0	%100
69	MP3C	X	-4.396	-4.396	0	%100
70	MP3C	Z	0	0	0	%100
71	MP4C	X	-4.396	-4.396	0	%100
72	MP4C	Z	0	0	0	%100
73	M49	X	-4.396	-4.396	0	%100
74	M49	Z	0	0	0	%100
75	M50	X	-4.396	-4.396	0	%100
76	M50	Z	0	0	0	%100
77	M51	X	-4.396	-4.396	0	%100
78	M51	Z	0	0	0	%100
79	M52	X	-4.396	-4.396	0	%100
80	M52	Z	0	0	0	%100
81	M61	X	-4.396	-4.396	0	%100
82	M61	Z	0	0	0	%100
83	M63	X	-3.878	-3.878	0	%100
84	M63	Z	0	0	0	%100
85	M69	X	0	0	0	%100
86	M69	Z	0	0	0	%100
87	M71	X	-3.878	-3.878	0	%100
88	M71	Z	0	0	0	%100
89	M77	X	-4.396	-4.396	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
90	M77	Z	0	0	0	%100
91	M79	X	-3.878	-3.878	0	%100
92	M79	Z	0	0	0	%100
93	M85	X	0	0	0	%100
94	M85	Z	0	0	0	%100
95	M87	X	-3.878	-3.878	0	%100
96	M87	Z	0	0	0	%100
97	M97A	X	-1.67	-1.67	0	%100
98	M97A	Z	0	0	0	%100
99	M98A	X	-1.67	-1.67	0	%100
100	M98A	Z	0	0	0	%100
101	M99A	X	-1.67	-1.67	0	%100
102	M99A	Z	0	0	0	%100
103	M100A	X	-1.67	-1.67	0	%100
104	M100A	Z	0	0	0	%100
105	M101A	X	-1.67	-1.67	0	%100
106	M101A	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	-.333	-.333	0	%100
2	M1	Z	-.192	-.192	0	%100
3	M2	X	-4.635	-4.635	0	%100
4	M2	Z	-2.676	-2.676	0	%100
5	M3	X	-.333	-.333	0	%100
6	M3	Z	-.192	-.192	0	%100
7	M4	X	-4.635	-4.635	0	%100
8	M4	Z	-2.676	-2.676	0	%100
9	M5	X	-1.242	-1.242	0	%100
10	M5	Z	-.717	-.717	0	%100
11	M6	X	-3.725	-3.725	0	%100
12	M6	Z	-2.151	-2.151	0	%100
13	M7	X	-1.242	-1.242	0	%100
14	M7	Z	-.717	-.717	0	%100
15	M8	X	-3.725	-3.725	0	%100
16	M8	Z	-2.151	-2.151	0	%100
17	M9	X	-1.377	-1.377	0	%100
18	M9	Z	-.795	-.795	0	%100
19	M10	X	-4.13	-4.13	0	%100
20	M10	Z	-2.384	-2.384	0	%100
21	M11	X	-1.377	-1.377	0	%100
22	M11	Z	-.795	-.795	0	%100
23	M12	X	-4.13	-4.13	0	%100
24	M12	Z	-2.384	-2.384	0	%100
25	M13	X	-.899	-.899	0	%100
26	M13	Z	-.519	-.519	0	%100
27	M14	X	-.899	-.899	0	%100
28	M14	Z	-.519	-.519	0	%100
29	M15	X	-.899	-.899	0	%100
30	M15	Z	-.519	-.519	0	%100
31	M16	X	-2.696	-2.696	0	%100
32	M16	Z	-1.556	-1.556	0	%100
33	M17	X	-2.696	-2.696	0	%100
34	M17	Z	-1.556	-1.556	0	%100
35	M18	X	-2.696	-2.696	0	%100
36	M18	Z	-1.556	-1.556	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft. %]	End Location[ft. %]
37	M19	X	- .899	- .899	0	%100
38	M19	Z	- .519	- .519	0	%100
39	M20	X	- .899	- .899	0	%100
40	M20	Z	- .519	- .519	0	%100
41	M21	X	- .899	- .899	0	%100
42	M21	Z	- .519	- .519	0	%100
43	M22	X	- 2.696	- 2.696	0	%100
44	M22	Z	- 1.556	- 1.556	0	%100
45	M23	X	- 2.696	- 2.696	0	%100
46	M23	Z	- 1.556	- 1.556	0	%100
47	M24	X	- 2.696	- 2.696	0	%100
48	M24	Z	- 1.556	- 1.556	0	%100
49	MP1A	X	- 3.807	- 3.807	0	%100
50	MP1A	Z	- 2.198	- 2.198	0	%100
51	MP2A	X	- 4.131	- 4.131	0	%100
52	MP2A	Z	- 2.385	- 2.385	0	%100
53	MP3A	X	- 3.807	- 3.807	0	%100
54	MP3A	Z	- 2.198	- 2.198	0	%100
55	MP4A	X	- 3.807	- 3.807	0	%100
56	MP4A	Z	- 2.198	- 2.198	0	%100
57	MP1B	X	- 3.807	- 3.807	0	%100
58	MP1B	Z	- 2.198	- 2.198	0	%100
59	MP2B	X	- 4.131	- 4.131	0	%100
60	MP2B	Z	- 2.385	- 2.385	0	%100
61	MP3B	X	- 3.807	- 3.807	0	%100
62	MP3B	Z	- 2.198	- 2.198	0	%100
63	MP4B	X	- 3.807	- 3.807	0	%100
64	MP4B	Z	- 2.198	- 2.198	0	%100
65	MP1C	X	- 3.807	- 3.807	0	%100
66	MP1C	Z	- 2.198	- 2.198	0	%100
67	MP2C	X	- 4.131	- 4.131	0	%100
68	MP2C	Z	- 2.385	- 2.385	0	%100
69	MP3C	X	- 3.807	- 3.807	0	%100
70	MP3C	Z	- 2.198	- 2.198	0	%100
71	MP4C	X	- 3.807	- 3.807	0	%100
72	MP4C	Z	- 2.198	- 2.198	0	%100
73	M49	X	- 3.807	- 3.807	0	%100
74	M49	Z	- 2.198	- 2.198	0	%100
75	M50	X	- 3.807	- 3.807	0	%100
76	M50	Z	- 2.198	- 2.198	0	%100
77	M51	X	- 3.807	- 3.807	0	%100
78	M51	Z	- 2.198	- 2.198	0	%100
79	M52	X	- 3.807	- 3.807	0	%100
80	M52	Z	- 2.198	- 2.198	0	%100
81	M61	X	- 2.856	- 2.856	0	%100
82	M61	Z	- 1.649	- 1.649	0	%100
83	M63	X	- 4.704	- 4.704	0	%100
84	M63	Z	- 2.716	- 2.716	0	%100
85	M69	X	- .952	- .952	0	%100
86	M69	Z	- .55	- .55	0	%100
87	M71	X	- 2.013	- 2.013	0	%100
88	M71	Z	- 1.162	- 1.162	0	%100
89	M77	X	- 2.856	- 2.856	0	%100
90	M77	Z	- 1.649	- 1.649	0	%100
91	M79	X	- 4.704	- 4.704	0	%100
92	M79	Z	- 2.716	- 2.716	0	%100
93	M85	X	- .952	- .952	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
94	M85	Z	- .55	- .55	0	%100
95	M87	X	-2.013	-2.013	0	%100
96	M87	Z	-1.162	-1.162	0	%100
97	M97A	X	- .194	- .194	0	%100
98	M97A	Z	- .112	- .112	0	%100
99	M98A	X	-2.699	-2.699	0	%100
100	M98A	Z	-1.558	-1.558	0	%100
101	M99A	X	- .194	- .194	0	%100
102	M99A	Z	- .112	- .112	0	%100
103	M100A	X	-2.699	-2.699	0	%100
104	M100A	Z	-1.558	-1.558	0	%100
105	M101A	X	- .194	- .194	0	%100
106	M101A	Z	- .112	- .112	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	- .192	- .192	0	%100
2	M1	Z	- .333	- .333	0	%100
3	M2	X	-2.676	-2.676	0	%100
4	M2	Z	-4.635	-4.635	0	%100
5	M3	X	- .192	- .192	0	%100
6	M3	Z	- .333	- .333	0	%100
7	M4	X	-2.676	-2.676	0	%100
8	M4	Z	-4.635	-4.635	0	%100
9	M5	X	-2.151	-2.151	0	%100
10	M5	Z	-3.725	-3.725	0	%100
11	M6	X	- .717	- .717	0	%100
12	M6	Z	-1.242	-1.242	0	%100
13	M7	X	-2.151	-2.151	0	%100
14	M7	Z	-3.725	-3.725	0	%100
15	M8	X	- .717	- .717	0	%100
16	M8	Z	-1.242	-1.242	0	%100
17	M9	X	-2.384	-2.384	0	%100
18	M9	Z	-4.13	-4.13	0	%100
19	M10	X	- .795	- .795	0	%100
20	M10	Z	-1.377	-1.377	0	%100
21	M11	X	-2.384	-2.384	0	%100
22	M11	Z	-4.13	-4.13	0	%100
23	M12	X	- .795	- .795	0	%100
24	M12	Z	-1.377	-1.377	0	%100
25	M13	X	-1.556	-1.556	0	%100
26	M13	Z	-2.696	-2.696	0	%100
27	M14	X	-1.556	-1.556	0	%100
28	M14	Z	-2.696	-2.696	0	%100
29	M15	X	-1.556	-1.556	0	%100
30	M15	Z	-2.696	-2.696	0	%100
31	M16	X	- .519	- .519	0	%100
32	M16	Z	- .899	- .899	0	%100
33	M17	X	- .519	- .519	0	%100
34	M17	Z	- .899	- .899	0	%100
35	M18	X	- .519	- .519	0	%100
36	M18	Z	- .899	- .899	0	%100
37	M19	X	-1.556	-1.556	0	%100
38	M19	Z	-2.696	-2.696	0	%100
39	M20	X	-1.556	-1.556	0	%100
40	M20	Z	-2.696	-2.696	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, %]
41	M21	X	-1.556	-1.556	0	%100
42	M21	Z	-2.696	-2.696	0	%100
43	M22	X	-.519	-.519	0	%100
44	M22	Z	-.899	-.899	0	%100
45	M23	X	-.519	-.519	0	%100
46	M23	Z	-.899	-.899	0	%100
47	M24	X	-.519	-.519	0	%100
48	M24	Z	-.899	-.899	0	%100
49	MP1A	X	-2.198	-2.198	0	%100
50	MP1A	Z	-3.807	-3.807	0	%100
51	MP2A	X	-2.385	-2.385	0	%100
52	MP2A	Z	-4.131	-4.131	0	%100
53	MP3A	X	-2.198	-2.198	0	%100
54	MP3A	Z	-3.807	-3.807	0	%100
55	MP4A	X	-2.198	-2.198	0	%100
56	MP4A	Z	-3.807	-3.807	0	%100
57	MP1B	X	-2.198	-2.198	0	%100
58	MP1B	Z	-3.807	-3.807	0	%100
59	MP2B	X	-2.385	-2.385	0	%100
60	MP2B	Z	-4.131	-4.131	0	%100
61	MP3B	X	-2.198	-2.198	0	%100
62	MP3B	Z	-3.807	-3.807	0	%100
63	MP4B	X	-2.198	-2.198	0	%100
64	MP4B	Z	-3.807	-3.807	0	%100
65	MP1C	X	-2.198	-2.198	0	%100
66	MP1C	Z	-3.807	-3.807	0	%100
67	MP2C	X	-2.385	-2.385	0	%100
68	MP2C	Z	-4.131	-4.131	0	%100
69	MP3C	X	-2.198	-2.198	0	%100
70	MP3C	Z	-3.807	-3.807	0	%100
71	MP4C	X	-2.198	-2.198	0	%100
72	MP4C	Z	-3.807	-3.807	0	%100
73	M49	X	-2.198	-2.198	0	%100
74	M49	Z	-3.807	-3.807	0	%100
75	M50	X	-2.198	-2.198	0	%100
76	M50	Z	-3.807	-3.807	0	%100
77	M51	X	-2.198	-2.198	0	%100
78	M51	Z	-3.807	-3.807	0	%100
79	M52	X	-2.198	-2.198	0	%100
80	M52	Z	-3.807	-3.807	0	%100
81	M61	X	-.55	-.55	0	%100
82	M61	Z	-.952	-.952	0	%100
83	M63	X	-2.716	-2.716	0	%100
84	M63	Z	-4.704	-4.704	0	%100
85	M69	X	-1.649	-1.649	0	%100
86	M69	Z	-2.856	-2.856	0	%100
87	M71	X	-1.162	-1.162	0	%100
88	M71	Z	-2.013	-2.013	0	%100
89	M77	X	-.55	-.55	0	%100
90	M77	Z	-.952	-.952	0	%100
91	M79	X	-2.716	-2.716	0	%100
92	M79	Z	-4.704	-4.704	0	%100
93	M85	X	-1.649	-1.649	0	%100
94	M85	Z	-2.856	-2.856	0	%100
95	M87	X	-1.162	-1.162	0	%100
96	M87	Z	-2.013	-2.013	0	%100
97	M97A	X	-.112	-.112	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.%,]
98	M97A	Z	-.194	-.194	0	%100
99	M98A	X	-1.558	-1.558	0	%100
100	M98A	Z	-2.699	-2.699	0	%100
101	M99A	X	-.112	-.112	0	%100
102	M99A	Z	-.194	-.194	0	%100
103	M100A	X	-1.558	-1.558	0	%100
104	M100A	Z	-2.699	-2.699	0	%100
105	M101A	X	-.112	-.112	0	%100
106	M101A	Z	-.194	-.194	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	-.561	-.561	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-.561	-.561	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.561	-.561	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-.561	-.561	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-1.121	-1.121	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-1.121	-1.121	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-1.346	-1.346	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-1.346	-1.346	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-.802	-.802	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-.802	-.802	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-.802	-.802	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-.802	-.802	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-.802	-.802	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-.802	-.802	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	MP1A	X	0	0	0	%100
50	MP1A	Z	-.639	-.639	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	-.774	-.774	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	-.639	-.639	0	%100
55	MP4A	X	0	0	0	%100
56	MP4A	Z	-.639	-.639	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	-.639	-.639	0	%100
59	MP2B	X	0	0	0	%100
60	MP2B	Z	-.774	-.774	0	%100
61	MP3B	X	0	0	0	%100
62	MP3B	Z	-.639	-.639	0	%100
63	MP4B	X	0	0	0	%100
64	MP4B	Z	-.639	-.639	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	-.639	-.639	0	%100
67	MP2C	X	0	0	0	%100
68	MP2C	Z	-.774	-.774	0	%100
69	MP3C	X	0	0	0	%100
70	MP3C	Z	-.639	-.639	0	%100
71	MP4C	X	0	0	0	%100
72	MP4C	Z	-.639	-.639	0	%100
73	M49	X	0	0	0	%100
74	M49	Z	-.639	-.639	0	%100
75	M50	X	0	0	0	%100
76	M50	Z	-.639	-.639	0	%100
77	M51	X	0	0	0	%100
78	M51	Z	-.639	-.639	0	%100
79	M52	X	0	0	0	%100
80	M52	Z	-.639	-.639	0	%100
81	M61	X	0	0	0	%100
82	M61	Z	0	0	0	%100
83	M63	X	0	0	0	%100
84	M63	Z	-.815	-.815	0	%100
85	M69	X	0	0	0	%100
86	M69	Z	-.639	-.639	0	%100
87	M71	X	0	0	0	%100
88	M71	Z	-.815	-.815	0	%100
89	M77	X	0	0	0	%100
90	M77	Z	0	0	0	%100
91	M79	X	0	0	0	%100
92	M79	Z	-.815	-.815	0	%100
93	M85	X	0	0	0	%100
94	M85	Z	-.639	-.639	0	%100
95	M87	X	0	0	0	%100
96	M87	Z	-.815	-.815	0	%100
97	M97A	X	0	0	0	%100
98	M97A	Z	-.26	-.26	0	%100
99	M98A	X	0	0	0	%100
100	M98A	Z	-.26	-.26	0	%100
101	M99A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
102	M99A	Z	-.26	-.26	0	%100
103	M100A	X	0	0	0	%100
104	M100A	Z	-.26	-.26	0	%100
105	M101A	X	0	0	0	%100
106	M101A	Z	-.26	-.26	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.523	.523	0	%100
2	M1	Z	-.906	-.906	0	%100
3	M2	X	.038	.038	0	%100
4	M2	Z	-.065	-.065	0	%100
5	M3	X	.523	.523	0	%100
6	M3	Z	-.906	-.906	0	%100
7	M4	X	.038	.038	0	%100
8	M4	Z	-.065	-.065	0	%100
9	M5	X	.42	.42	0	%100
10	M5	Z	-.728	-.728	0	%100
11	M6	X	.14	.14	0	%100
12	M6	Z	-.243	-.243	0	%100
13	M7	X	.42	.42	0	%100
14	M7	Z	-.728	-.728	0	%100
15	M8	X	.14	.14	0	%100
16	M8	Z	-.243	-.243	0	%100
17	M9	X	.505	.505	0	%100
18	M9	Z	-.874	-.874	0	%100
19	M10	X	.168	.168	0	%100
20	M10	Z	-.291	-.291	0	%100
21	M11	X	.505	.505	0	%100
22	M11	Z	-.874	-.874	0	%100
23	M12	X	.168	.168	0	%100
24	M12	Z	-.291	-.291	0	%100
25	M13	X	.301	.301	0	%100
26	M13	Z	-.521	-.521	0	%100
27	M14	X	.301	.301	0	%100
28	M14	Z	-.521	-.521	0	%100
29	M15	X	.301	.301	0	%100
30	M15	Z	-.521	-.521	0	%100
31	M16	X	.1	.1	0	%100
32	M16	Z	-.174	-.174	0	%100
33	M17	X	.1	.1	0	%100
34	M17	Z	-.174	-.174	0	%100
35	M18	X	.1	.1	0	%100
36	M18	Z	-.174	-.174	0	%100
37	M19	X	.301	.301	0	%100
38	M19	Z	-.521	-.521	0	%100
39	M20	X	.301	.301	0	%100
40	M20	Z	-.521	-.521	0	%100
41	M21	X	.301	.301	0	%100
42	M21	Z	-.521	-.521	0	%100
43	M22	X	.1	.1	0	%100
44	M22	Z	-.174	-.174	0	%100
45	M23	X	.1	.1	0	%100
46	M23	Z	-.174	-.174	0	%100
47	M24	X	.1	.1	0	%100
48	M24	Z	-.174	-.174	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.%]
49	MP1A	X	.32	.32	0	%100
50	MP1A	Z	-.553	-.553	0	%100
51	MP2A	X	.387	.387	0	%100
52	MP2A	Z	-.67	-.67	0	%100
53	MP3A	X	.32	.32	0	%100
54	MP3A	Z	-.553	-.553	0	%100
55	MP4A	X	.32	.32	0	%100
56	MP4A	Z	-.553	-.553	0	%100
57	MP1B	X	.32	.32	0	%100
58	MP1B	Z	-.553	-.553	0	%100
59	MP2B	X	.387	.387	0	%100
60	MP2B	Z	-.67	-.67	0	%100
61	MP3B	X	.32	.32	0	%100
62	MP3B	Z	-.553	-.553	0	%100
63	MP4B	X	.32	.32	0	%100
64	MP4B	Z	-.553	-.553	0	%100
65	MP1C	X	.32	.32	0	%100
66	MP1C	Z	-.553	-.553	0	%100
67	MP2C	X	.387	.387	0	%100
68	MP2C	Z	-.67	-.67	0	%100
69	MP3C	X	.32	.32	0	%100
70	MP3C	Z	-.553	-.553	0	%100
71	MP4C	X	.32	.32	0	%100
72	MP4C	Z	-.553	-.553	0	%100
73	M49	X	.32	.32	0	%100
74	M49	Z	-.553	-.553	0	%100
75	M50	X	.32	.32	0	%100
76	M50	Z	-.553	-.553	0	%100
77	M51	X	.32	.32	0	%100
78	M51	Z	-.553	-.553	0	%100
79	M52	X	.32	.32	0	%100
80	M52	Z	-.553	-.553	0	%100
81	M61	X	.08	.08	0	%100
82	M61	Z	-.138	-.138	0	%100
83	M63	X	.274	.274	0	%100
84	M63	Z	-.475	-.475	0	%100
85	M69	X	.24	.24	0	%100
86	M69	Z	-.415	-.415	0	%100
87	M71	X	.54	.54	0	%100
88	M71	Z	-.935	-.935	0	%100
89	M77	X	.08	.08	0	%100
90	M77	Z	-.138	-.138	0	%100
91	M79	X	.274	.274	0	%100
92	M79	Z	-.475	-.475	0	%100
93	M85	X	.24	.24	0	%100
94	M85	Z	-.415	-.415	0	%100
95	M87	X	.54	.54	0	%100
96	M87	Z	-.935	-.935	0	%100
97	M97A	X	.242	.242	0	%100
98	M97A	Z	-.42	-.42	0	%100
99	M98A	X	.017	.017	0	%100
100	M98A	Z	-.03	-.03	0	%100
101	M99A	X	.242	.242	0	%100
102	M99A	Z	-.42	-.42	0	%100
103	M100A	X	.017	.017	0	%100
104	M100A	Z	-.03	-.03	0	%100
105	M101A	X	.242	.242	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.%]
106	M101A	Z	-.42	-.42	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	.906	.906	0	%100
2	M1	Z	-.523	-.523	0	%100
3	M2	X	.065	.065	0	%100
4	M2	Z	-.038	-.038	0	%100
5	M3	X	.906	.906	0	%100
6	M3	Z	-.523	-.523	0	%100
7	M4	X	.065	.065	0	%100
8	M4	Z	-.038	-.038	0	%100
9	M5	X	.243	.243	0	%100
10	M5	Z	-.14	-.14	0	%100
11	M6	X	.728	.728	0	%100
12	M6	Z	-.42	-.42	0	%100
13	M7	X	.243	.243	0	%100
14	M7	Z	-.14	-.14	0	%100
15	M8	X	.728	.728	0	%100
16	M8	Z	-.42	-.42	0	%100
17	M9	X	.291	.291	0	%100
18	M9	Z	-.168	-.168	0	%100
19	M10	X	.874	.874	0	%100
20	M10	Z	-.505	-.505	0	%100
21	M11	X	.291	.291	0	%100
22	M11	Z	-.168	-.168	0	%100
23	M12	X	.874	.874	0	%100
24	M12	Z	-.505	-.505	0	%100
25	M13	X	.174	.174	0	%100
26	M13	Z	-.1	-.1	0	%100
27	M14	X	.174	.174	0	%100
28	M14	Z	-.1	-.1	0	%100
29	M15	X	.174	.174	0	%100
30	M15	Z	-.1	-.1	0	%100
31	M16	X	.521	.521	0	%100
32	M16	Z	-.301	-.301	0	%100
33	M17	X	.521	.521	0	%100
34	M17	Z	-.301	-.301	0	%100
35	M18	X	.521	.521	0	%100
36	M18	Z	-.301	-.301	0	%100
37	M19	X	.174	.174	0	%100
38	M19	Z	-.1	-.1	0	%100
39	M20	X	.174	.174	0	%100
40	M20	Z	-.1	-.1	0	%100
41	M21	X	.174	.174	0	%100
42	M21	Z	-.1	-.1	0	%100
43	M22	X	.521	.521	0	%100
44	M22	Z	-.301	-.301	0	%100
45	M23	X	.521	.521	0	%100
46	M23	Z	-.301	-.301	0	%100
47	M24	X	.521	.521	0	%100
48	M24	Z	-.301	-.301	0	%100
49	MP1A	X	.553	.553	0	%100
50	MP1A	Z	-.32	-.32	0	%100
51	MP2A	X	.67	.67	0	%100
52	MP2A	Z	-.387	-.387	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. %]
53	MP3A	X	.553	.553	0	%100
54	MP3A	Z	-.32	-.32	0	%100
55	MP4A	X	.553	.553	0	%100
56	MP4A	Z	-.32	-.32	0	%100
57	MP1B	X	.553	.553	0	%100
58	MP1B	Z	-.32	-.32	0	%100
59	MP2B	X	.67	.67	0	%100
60	MP2B	Z	-.387	-.387	0	%100
61	MP3B	X	.553	.553	0	%100
62	MP3B	Z	-.32	-.32	0	%100
63	MP4B	X	.553	.553	0	%100
64	MP4B	Z	-.32	-.32	0	%100
65	MP1C	X	.553	.553	0	%100
66	MP1C	Z	-.32	-.32	0	%100
67	MP2C	X	.67	.67	0	%100
68	MP2C	Z	-.387	-.387	0	%100
69	MP3C	X	.553	.553	0	%100
70	MP3C	Z	-.32	-.32	0	%100
71	MP4C	X	.553	.553	0	%100
72	MP4C	Z	-.32	-.32	0	%100
73	M49	X	.553	.553	0	%100
74	M49	Z	-.32	-.32	0	%100
75	M50	X	.553	.553	0	%100
76	M50	Z	-.32	-.32	0	%100
77	M51	X	.553	.553	0	%100
78	M51	Z	-.32	-.32	0	%100
79	M52	X	.553	.553	0	%100
80	M52	Z	-.32	-.32	0	%100
81	M61	X	.415	.415	0	%100
82	M61	Z	-.24	-.24	0	%100
83	M63	X	.475	.475	0	%100
84	M63	Z	-.274	-.274	0	%100
85	M69	X	.138	.138	0	%100
86	M69	Z	-.08	-.08	0	%100
87	M71	X	.935	.935	0	%100
88	M71	Z	-.54	-.54	0	%100
89	M77	X	.415	.415	0	%100
90	M77	Z	-.24	-.24	0	%100
91	M79	X	.475	.475	0	%100
92	M79	Z	-.274	-.274	0	%100
93	M85	X	.138	.138	0	%100
94	M85	Z	-.08	-.08	0	%100
95	M87	X	.935	.935	0	%100
96	M87	Z	-.54	-.54	0	%100
97	M97A	X	.42	.42	0	%100
98	M97A	Z	-.242	-.242	0	%100
99	M98A	X	.03	.03	0	%100
100	M98A	Z	-.017	-.017	0	%100
101	M99A	X	.42	.42	0	%100
102	M99A	Z	-.242	-.242	0	%100
103	M100A	X	.03	.03	0	%100
104	M100A	Z	-.017	-.017	0	%100
105	M101A	X	.42	.42	0	%100
106	M101A	Z	-.242	-.242	0	%100

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

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft. %]	End Location[ft. %]
1	M1	X	.561	.561	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.561	.561	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.561	.561	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.561	.561	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	1.121	1.121	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	1.121	1.121	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	1.346	1.346	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	1.346	1.346	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	.802	.802	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	.802	.802	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	.802	.802	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	.802	.802	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	.802	.802	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	.802	.802	0	%100
48	M24	Z	0	0	0	%100
49	MP1A	X	.639	.639	0	%100
50	MP1A	Z	0	0	0	%100
51	MP2A	X	.774	.774	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	.639	.639	0	%100
54	MP3A	Z	0	0	0	%100
55	MP4A	X	.639	.639	0	%100
56	MP4A	Z	0	0	0	%100
57	MP1B	X	.639	.639	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
58	MP1B	Z	0	0	0	%100
59	MP2B	X	.774	.774	0	%100
60	MP2B	Z	0	0	0	%100
61	MP3B	X	.639	.639	0	%100
62	MP3B	Z	0	0	0	%100
63	MP4B	X	.639	.639	0	%100
64	MP4B	Z	0	0	0	%100
65	MP1C	X	.639	.639	0	%100
66	MP1C	Z	0	0	0	%100
67	MP2C	X	.774	.774	0	%100
68	MP2C	Z	0	0	0	%100
69	MP3C	X	.639	.639	0	%100
70	MP3C	Z	0	0	0	%100
71	MP4C	X	.639	.639	0	%100
72	MP4C	Z	0	0	0	%100
73	M49	X	.639	.639	0	%100
74	M49	Z	0	0	0	%100
75	M50	X	.639	.639	0	%100
76	M50	Z	0	0	0	%100
77	M51	X	.639	.639	0	%100
78	M51	Z	0	0	0	%100
79	M52	X	.639	.639	0	%100
80	M52	Z	0	0	0	%100
81	M61	X	.639	.639	0	%100
82	M61	Z	0	0	0	%100
83	M63	X	.815	.815	0	%100
84	M63	Z	0	0	0	%100
85	M69	X	0	0	0	%100
86	M69	Z	0	0	0	%100
87	M71	X	.815	.815	0	%100
88	M71	Z	0	0	0	%100
89	M77	X	.639	.639	0	%100
90	M77	Z	0	0	0	%100
91	M79	X	.815	.815	0	%100
92	M79	Z	0	0	0	%100
93	M85	X	0	0	0	%100
94	M85	Z	0	0	0	%100
95	M87	X	.815	.815	0	%100
96	M87	Z	0	0	0	%100
97	M97A	X	.26	.26	0	%100
98	M97A	Z	0	0	0	%100
99	M98A	X	.26	.26	0	%100
100	M98A	Z	0	0	0	%100
101	M99A	X	.26	.26	0	%100
102	M99A	Z	0	0	0	%100
103	M100A	X	.26	.26	0	%100
104	M100A	Z	0	0	0	%100
105	M101A	X	.26	.26	0	%100
106	M101A	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	.065	.065	0	%100
2	M1	Z	.038	.038	0	%100
3	M2	X	.906	.906	0	%100
4	M2	Z	.523	.523	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
5	M3	X	.065	.065	0	%100
6	M3	Z	.038	.038	0	%100
7	M4	X	.906	.906	0	%100
8	M4	Z	.523	.523	0	%100
9	M5	X	.243	.243	0	%100
10	M5	Z	.14	.14	0	%100
11	M6	X	.728	.728	0	%100
12	M6	Z	.42	.42	0	%100
13	M7	X	.243	.243	0	%100
14	M7	Z	.14	.14	0	%100
15	M8	X	.728	.728	0	%100
16	M8	Z	.42	.42	0	%100
17	M9	X	.291	.291	0	%100
18	M9	Z	.168	.168	0	%100
19	M10	X	.874	.874	0	%100
20	M10	Z	.505	.505	0	%100
21	M11	X	.291	.291	0	%100
22	M11	Z	.168	.168	0	%100
23	M12	X	.874	.874	0	%100
24	M12	Z	.505	.505	0	%100
25	M13	X	.174	.174	0	%100
26	M13	Z	.1	.1	0	%100
27	M14	X	.174	.174	0	%100
28	M14	Z	.1	.1	0	%100
29	M15	X	.174	.174	0	%100
30	M15	Z	.1	.1	0	%100
31	M16	X	.521	.521	0	%100
32	M16	Z	.301	.301	0	%100
33	M17	X	.521	.521	0	%100
34	M17	Z	.301	.301	0	%100
35	M18	X	.521	.521	0	%100
36	M18	Z	.301	.301	0	%100
37	M19	X	.174	.174	0	%100
38	M19	Z	.1	.1	0	%100
39	M20	X	.174	.174	0	%100
40	M20	Z	.1	.1	0	%100
41	M21	X	.174	.174	0	%100
42	M21	Z	.1	.1	0	%100
43	M22	X	.521	.521	0	%100
44	M22	Z	.301	.301	0	%100
45	M23	X	.521	.521	0	%100
46	M23	Z	.301	.301	0	%100
47	M24	X	.521	.521	0	%100
48	M24	Z	.301	.301	0	%100
49	MP1A	X	.553	.553	0	%100
50	MP1A	Z	.32	.32	0	%100
51	MP2A	X	.67	.67	0	%100
52	MP2A	Z	.387	.387	0	%100
53	MP3A	X	.553	.553	0	%100
54	MP3A	Z	.32	.32	0	%100
55	MP4A	X	.553	.553	0	%100
56	MP4A	Z	.32	.32	0	%100
57	MP1B	X	.553	.553	0	%100
58	MP1B	Z	.32	.32	0	%100
59	MP2B	X	.67	.67	0	%100
60	MP2B	Z	.387	.387	0	%100
61	MP3B	X	.553	.553	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
62	MP3B	Z	.32	.32	0	%100
63	MP4B	X	.553	.553	0	%100
64	MP4B	Z	.32	.32	0	%100
65	MP1C	X	.553	.553	0	%100
66	MP1C	Z	.32	.32	0	%100
67	MP2C	X	.67	.67	0	%100
68	MP2C	Z	.387	.387	0	%100
69	MP3C	X	.553	.553	0	%100
70	MP3C	Z	.32	.32	0	%100
71	MP4C	X	.553	.553	0	%100
72	MP4C	Z	.32	.32	0	%100
73	M49	X	.553	.553	0	%100
74	M49	Z	.32	.32	0	%100
75	M50	X	.553	.553	0	%100
76	M50	Z	.32	.32	0	%100
77	M51	X	.553	.553	0	%100
78	M51	Z	.32	.32	0	%100
79	M52	X	.553	.553	0	%100
80	M52	Z	.32	.32	0	%100
81	M61	X	.415	.415	0	%100
82	M61	Z	.24	.24	0	%100
83	M63	X	.935	.935	0	%100
84	M63	Z	.54	.54	0	%100
85	M69	X	.138	.138	0	%100
86	M69	Z	.08	.08	0	%100
87	M71	X	.475	.475	0	%100
88	M71	Z	.274	.274	0	%100
89	M77	X	.415	.415	0	%100
90	M77	Z	.24	.24	0	%100
91	M79	X	.935	.935	0	%100
92	M79	Z	.54	.54	0	%100
93	M85	X	.138	.138	0	%100
94	M85	Z	.08	.08	0	%100
95	M87	X	.475	.475	0	%100
96	M87	Z	.274	.274	0	%100
97	M97A	X	.03	.03	0	%100
98	M97A	Z	.017	.017	0	%100
99	M98A	X	.42	.42	0	%100
100	M98A	Z	.242	.242	0	%100
101	M99A	X	.03	.03	0	%100
102	M99A	Z	.017	.017	0	%100
103	M100A	X	.42	.42	0	%100
104	M100A	Z	.242	.242	0	%100
105	M101A	X	.03	.03	0	%100
106	M101A	Z	.017	.017	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	.038	.038	0	%100
2	M1	Z	.065	.065	0	%100
3	M2	X	.523	.523	0	%100
4	M2	Z	.906	.906	0	%100
5	M3	X	.038	.038	0	%100
6	M3	Z	.065	.065	0	%100
7	M4	X	.523	.523	0	%100
8	M4	Z	.906	.906	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.%]
9	M5	X	.42	.42	0	%100
10	M5	Z	.728	.728	0	%100
11	M6	X	.14	.14	0	%100
12	M6	Z	.243	.243	0	%100
13	M7	X	.42	.42	0	%100
14	M7	Z	.728	.728	0	%100
15	M8	X	.14	.14	0	%100
16	M8	Z	.243	.243	0	%100
17	M9	X	.505	.505	0	%100
18	M9	Z	.874	.874	0	%100
19	M10	X	.168	.168	0	%100
20	M10	Z	.291	.291	0	%100
21	M11	X	.505	.505	0	%100
22	M11	Z	.874	.874	0	%100
23	M12	X	.168	.168	0	%100
24	M12	Z	.291	.291	0	%100
25	M13	X	.301	.301	0	%100
26	M13	Z	.521	.521	0	%100
27	M14	X	.301	.301	0	%100
28	M14	Z	.521	.521	0	%100
29	M15	X	.301	.301	0	%100
30	M15	Z	.521	.521	0	%100
31	M16	X	.1	.1	0	%100
32	M16	Z	.174	.174	0	%100
33	M17	X	.1	.1	0	%100
34	M17	Z	.174	.174	0	%100
35	M18	X	.1	.1	0	%100
36	M18	Z	.174	.174	0	%100
37	M19	X	.301	.301	0	%100
38	M19	Z	.521	.521	0	%100
39	M20	X	.301	.301	0	%100
40	M20	Z	.521	.521	0	%100
41	M21	X	.301	.301	0	%100
42	M21	Z	.521	.521	0	%100
43	M22	X	.1	.1	0	%100
44	M22	Z	.174	.174	0	%100
45	M23	X	.1	.1	0	%100
46	M23	Z	.174	.174	0	%100
47	M24	X	.1	.1	0	%100
48	M24	Z	.174	.174	0	%100
49	MP1A	X	.32	.32	0	%100
50	MP1A	Z	.553	.553	0	%100
51	MP2A	X	.387	.387	0	%100
52	MP2A	Z	.67	.67	0	%100
53	MP3A	X	.32	.32	0	%100
54	MP3A	Z	.553	.553	0	%100
55	MP4A	X	.32	.32	0	%100
56	MP4A	Z	.553	.553	0	%100
57	MP1B	X	.32	.32	0	%100
58	MP1B	Z	.553	.553	0	%100
59	MP2B	X	.387	.387	0	%100
60	MP2B	Z	.67	.67	0	%100
61	MP3B	X	.32	.32	0	%100
62	MP3B	Z	.553	.553	0	%100
63	MP4B	X	.32	.32	0	%100
64	MP4B	Z	.553	.553	0	%100
65	MP1C	X	.32	.32	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.%,]
66	MP1C	Z	.553	.553	0	%100
67	MP2C	X	.387	.387	0	%100
68	MP2C	Z	.67	.67	0	%100
69	MP3C	X	.32	.32	0	%100
70	MP3C	Z	.553	.553	0	%100
71	MP4C	X	.32	.32	0	%100
72	MP4C	Z	.553	.553	0	%100
73	M49	X	.32	.32	0	%100
74	M49	Z	.553	.553	0	%100
75	M50	X	.32	.32	0	%100
76	M50	Z	.553	.553	0	%100
77	M51	X	.32	.32	0	%100
78	M51	Z	.553	.553	0	%100
79	M52	X	.32	.32	0	%100
80	M52	Z	.553	.553	0	%100
81	M61	X	.08	.08	0	%100
82	M61	Z	.138	.138	0	%100
83	M63	X	.54	.54	0	%100
84	M63	Z	.935	.935	0	%100
85	M69	X	.24	.24	0	%100
86	M69	Z	.415	.415	0	%100
87	M71	X	.274	.274	0	%100
88	M71	Z	.475	.475	0	%100
89	M77	X	.08	.08	0	%100
90	M77	Z	.138	.138	0	%100
91	M79	X	.54	.54	0	%100
92	M79	Z	.935	.935	0	%100
93	M85	X	.24	.24	0	%100
94	M85	Z	.415	.415	0	%100
95	M87	X	.274	.274	0	%100
96	M87	Z	.475	.475	0	%100
97	M97A	X	.017	.017	0	%100
98	M97A	Z	.03	.03	0	%100
99	M98A	X	.242	.242	0	%100
100	M98A	Z	.42	.42	0	%100
101	M99A	X	.017	.017	0	%100
102	M99A	Z	.03	.03	0	%100
103	M100A	X	.242	.242	0	%100
104	M100A	Z	.42	.42	0	%100
105	M101A	X	.017	.017	0	%100
106	M101A	Z	.03	.03	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	.561	.561	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	.561	.561	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.561	.561	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	.561	.561	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	1.121	1.121	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
13	M7	X	0	0	0	%100
14	M7	Z	1.121	1.121	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	1.346	1.346	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	1.346	1.346	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	.802	.802	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	.802	.802	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	.802	.802	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	.802	.802	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	.802	.802	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	.802	.802	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	MP1A	X	0	0	0	%100
50	MP1A	Z	.639	.639	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	.774	.774	0	%100
53	MP3A	X	0	0	0	%100
54	MP3A	Z	.639	.639	0	%100
55	MP4A	X	0	0	0	%100
56	MP4A	Z	.639	.639	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	.639	.639	0	%100
59	MP2B	X	0	0	0	%100
60	MP2B	Z	.774	.774	0	%100
61	MP3B	X	0	0	0	%100
62	MP3B	Z	.639	.639	0	%100
63	MP4B	X	0	0	0	%100
64	MP4B	Z	.639	.639	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	.639	.639	0	%100
67	MP2C	X	0	0	0	%100
68	MP2C	Z	.774	.774	0	%100
69	MP3C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
70	MP3C	Z	.639	.639	0	%100
71	MP4C	X	0	0	0	%100
72	MP4C	Z	.639	.639	0	%100
73	M49	X	0	0	0	%100
74	M49	Z	.639	.639	0	%100
75	M50	X	0	0	0	%100
76	M50	Z	.639	.639	0	%100
77	M51	X	0	0	0	%100
78	M51	Z	.639	.639	0	%100
79	M52	X	0	0	0	%100
80	M52	Z	.639	.639	0	%100
81	M61	X	0	0	0	%100
82	M61	Z	0	0	0	%100
83	M63	X	0	0	0	%100
84	M63	Z	.815	.815	0	%100
85	M69	X	0	0	0	%100
86	M69	Z	.639	.639	0	%100
87	M71	X	0	0	0	%100
88	M71	Z	.815	.815	0	%100
89	M77	X	0	0	0	%100
90	M77	Z	0	0	0	%100
91	M79	X	0	0	0	%100
92	M79	Z	.815	.815	0	%100
93	M85	X	0	0	0	%100
94	M85	Z	.639	.639	0	%100
95	M87	X	0	0	0	%100
96	M87	Z	.815	.815	0	%100
97	M97A	X	0	0	0	%100
98	M97A	Z	.26	.26	0	%100
99	M98A	X	0	0	0	%100
100	M98A	Z	.26	.26	0	%100
101	M99A	X	0	0	0	%100
102	M99A	Z	.26	.26	0	%100
103	M100A	X	0	0	0	%100
104	M100A	Z	.26	.26	0	%100
105	M101A	X	0	0	0	%100
106	M101A	Z	.26	.26	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	-.523	-.523	0	%100
2	M1	Z	.906	.906	0	%100
3	M2	X	-.038	-.038	0	%100
4	M2	Z	.065	.065	0	%100
5	M3	X	-.523	-.523	0	%100
6	M3	Z	.906	.906	0	%100
7	M4	X	-.038	-.038	0	%100
8	M4	Z	.065	.065	0	%100
9	M5	X	-.42	-.42	0	%100
10	M5	Z	.728	.728	0	%100
11	M6	X	-.14	-.14	0	%100
12	M6	Z	.243	.243	0	%100
13	M7	X	-.42	-.42	0	%100
14	M7	Z	.728	.728	0	%100
15	M8	X	-.14	-.14	0	%100
16	M8	Z	.243	.243	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.%]
17	M9	X	-.505	-.505	0	%100
18	M9	Z	.874	.874	0	%100
19	M10	X	-.168	-.168	0	%100
20	M10	Z	.291	.291	0	%100
21	M11	X	-.505	-.505	0	%100
22	M11	Z	.874	.874	0	%100
23	M12	X	-.168	-.168	0	%100
24	M12	Z	.291	.291	0	%100
25	M13	X	-.301	-.301	0	%100
26	M13	Z	.521	.521	0	%100
27	M14	X	-.301	-.301	0	%100
28	M14	Z	.521	.521	0	%100
29	M15	X	-.301	-.301	0	%100
30	M15	Z	.521	.521	0	%100
31	M16	X	-.1	-.1	0	%100
32	M16	Z	.174	.174	0	%100
33	M17	X	-.1	-.1	0	%100
34	M17	Z	.174	.174	0	%100
35	M18	X	-.1	-.1	0	%100
36	M18	Z	.174	.174	0	%100
37	M19	X	-.301	-.301	0	%100
38	M19	Z	.521	.521	0	%100
39	M20	X	-.301	-.301	0	%100
40	M20	Z	.521	.521	0	%100
41	M21	X	-.301	-.301	0	%100
42	M21	Z	.521	.521	0	%100
43	M22	X	-.1	-.1	0	%100
44	M22	Z	.174	.174	0	%100
45	M23	X	-.1	-.1	0	%100
46	M23	Z	.174	.174	0	%100
47	M24	X	-.1	-.1	0	%100
48	M24	Z	.174	.174	0	%100
49	MP1A	X	-.32	-.32	0	%100
50	MP1A	Z	.553	.553	0	%100
51	MP2A	X	-.387	-.387	0	%100
52	MP2A	Z	.67	.67	0	%100
53	MP3A	X	-.32	-.32	0	%100
54	MP3A	Z	.553	.553	0	%100
55	MP4A	X	-.32	-.32	0	%100
56	MP4A	Z	.553	.553	0	%100
57	MP1B	X	-.32	-.32	0	%100
58	MP1B	Z	.553	.553	0	%100
59	MP2B	X	-.387	-.387	0	%100
60	MP2B	Z	.67	.67	0	%100
61	MP3B	X	-.32	-.32	0	%100
62	MP3B	Z	.553	.553	0	%100
63	MP4B	X	-.32	-.32	0	%100
64	MP4B	Z	.553	.553	0	%100
65	MP1C	X	-.32	-.32	0	%100
66	MP1C	Z	.553	.553	0	%100
67	MP2C	X	-.387	-.387	0	%100
68	MP2C	Z	.67	.67	0	%100
69	MP3C	X	-.32	-.32	0	%100
70	MP3C	Z	.553	.553	0	%100
71	MP4C	X	-.32	-.32	0	%100
72	MP4C	Z	.553	.553	0	%100
73	M49	X	-.32	-.32	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, %]
74	M49	Z	.553	.553	0	%100
75	M50	X	-.32	-.32	0	%100
76	M50	Z	.553	.553	0	%100
77	M51	X	-.32	-.32	0	%100
78	M51	Z	.553	.553	0	%100
79	M52	X	-.32	-.32	0	%100
80	M52	Z	.553	.553	0	%100
81	M61	X	-.08	-.08	0	%100
82	M61	Z	.138	.138	0	%100
83	M63	X	-.274	-.274	0	%100
84	M63	Z	.475	.475	0	%100
85	M69	X	-.24	-.24	0	%100
86	M69	Z	.415	.415	0	%100
87	M71	X	-.54	-.54	0	%100
88	M71	Z	.935	.935	0	%100
89	M77	X	-.08	-.08	0	%100
90	M77	Z	.138	.138	0	%100
91	M79	X	-.274	-.274	0	%100
92	M79	Z	.475	.475	0	%100
93	M85	X	-.24	-.24	0	%100
94	M85	Z	.415	.415	0	%100
95	M87	X	-.54	-.54	0	%100
96	M87	Z	.935	.935	0	%100
97	M97A	X	-.242	-.242	0	%100
98	M97A	Z	.42	.42	0	%100
99	M98A	X	-.017	-.017	0	%100
100	M98A	Z	.03	.03	0	%100
101	M99A	X	-.242	-.242	0	%100
102	M99A	Z	.42	.42	0	%100
103	M100A	X	-.017	-.017	0	%100
104	M100A	Z	.03	.03	0	%100
105	M101A	X	-.242	-.242	0	%100
106	M101A	Z	.42	.42	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	-.906	-.906	0	%100
2	M1	Z	.523	.523	0	%100
3	M2	X	-.065	-.065	0	%100
4	M2	Z	.038	.038	0	%100
5	M3	X	-.906	-.906	0	%100
6	M3	Z	.523	.523	0	%100
7	M4	X	-.065	-.065	0	%100
8	M4	Z	.038	.038	0	%100
9	M5	X	-.243	-.243	0	%100
10	M5	Z	.14	.14	0	%100
11	M6	X	-.728	-.728	0	%100
12	M6	Z	.42	.42	0	%100
13	M7	X	-.243	-.243	0	%100
14	M7	Z	.14	.14	0	%100
15	M8	X	-.728	-.728	0	%100
16	M8	Z	.42	.42	0	%100
17	M9	X	-.291	-.291	0	%100
18	M9	Z	.168	.168	0	%100
19	M10	X	-.874	-.874	0	%100
20	M10	Z	.505	.505	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, %]
21	M11	X	-.291	-.291	0	%100
22	M11	Z	.168	.168	0	%100
23	M12	X	-.874	-.874	0	%100
24	M12	Z	.505	.505	0	%100
25	M13	X	-.174	-.174	0	%100
26	M13	Z	.1	.1	0	%100
27	M14	X	-.174	-.174	0	%100
28	M14	Z	.1	.1	0	%100
29	M15	X	-.174	-.174	0	%100
30	M15	Z	.1	.1	0	%100
31	M16	X	-.521	-.521	0	%100
32	M16	Z	.301	.301	0	%100
33	M17	X	-.521	-.521	0	%100
34	M17	Z	.301	.301	0	%100
35	M18	X	-.521	-.521	0	%100
36	M18	Z	.301	.301	0	%100
37	M19	X	-.174	-.174	0	%100
38	M19	Z	.1	.1	0	%100
39	M20	X	-.174	-.174	0	%100
40	M20	Z	.1	.1	0	%100
41	M21	X	-.174	-.174	0	%100
42	M21	Z	.1	.1	0	%100
43	M22	X	-.521	-.521	0	%100
44	M22	Z	.301	.301	0	%100
45	M23	X	-.521	-.521	0	%100
46	M23	Z	.301	.301	0	%100
47	M24	X	-.521	-.521	0	%100
48	M24	Z	.301	.301	0	%100
49	MP1A	X	-.553	-.553	0	%100
50	MP1A	Z	.32	.32	0	%100
51	MP2A	X	-.67	-.67	0	%100
52	MP2A	Z	.387	.387	0	%100
53	MP3A	X	-.553	-.553	0	%100
54	MP3A	Z	.32	.32	0	%100
55	MP4A	X	-.553	-.553	0	%100
56	MP4A	Z	.32	.32	0	%100
57	MP1B	X	-.553	-.553	0	%100
58	MP1B	Z	.32	.32	0	%100
59	MP2B	X	-.67	-.67	0	%100
60	MP2B	Z	.387	.387	0	%100
61	MP3B	X	-.553	-.553	0	%100
62	MP3B	Z	.32	.32	0	%100
63	MP4B	X	-.553	-.553	0	%100
64	MP4B	Z	.32	.32	0	%100
65	MP1C	X	-.553	-.553	0	%100
66	MP1C	Z	.32	.32	0	%100
67	MP2C	X	-.67	-.67	0	%100
68	MP2C	Z	.387	.387	0	%100
69	MP3C	X	-.553	-.553	0	%100
70	MP3C	Z	.32	.32	0	%100
71	MP4C	X	-.553	-.553	0	%100
72	MP4C	Z	.32	.32	0	%100
73	M49	X	-.553	-.553	0	%100
74	M49	Z	.32	.32	0	%100
75	M50	X	-.553	-.553	0	%100
76	M50	Z	.32	.32	0	%100
77	M51	X	-.553	-.553	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.%,]
78	M51	Z	.32	.32	0	%100
79	M52	X	-.553	-.553	0	%100
80	M52	Z	.32	.32	0	%100
81	M61	X	-.415	-.415	0	%100
82	M61	Z	.24	.24	0	%100
83	M63	X	-.475	-.475	0	%100
84	M63	Z	.274	.274	0	%100
85	M69	X	-.138	-.138	0	%100
86	M69	Z	.08	.08	0	%100
87	M71	X	-.935	-.935	0	%100
88	M71	Z	.54	.54	0	%100
89	M77	X	-.415	-.415	0	%100
90	M77	Z	.24	.24	0	%100
91	M79	X	-.475	-.475	0	%100
92	M79	Z	.274	.274	0	%100
93	M85	X	-.138	-.138	0	%100
94	M85	Z	.08	.08	0	%100
95	M87	X	-.935	-.935	0	%100
96	M87	Z	.54	.54	0	%100
97	M97A	X	-.42	-.42	0	%100
98	M97A	Z	.242	.242	0	%100
99	M98A	X	-.03	-.03	0	%100
100	M98A	Z	.017	.017	0	%100
101	M99A	X	-.42	-.42	0	%100
102	M99A	Z	.242	.242	0	%100
103	M100A	X	-.03	-.03	0	%100
104	M100A	Z	.017	.017	0	%100
105	M101A	X	-.42	-.42	0	%100
106	M101A	Z	.242	.242	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	-.561	-.561	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.561	-.561	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.561	-.561	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-.561	-.561	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-1.121	-1.121	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	-1.121	-1.121	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-1.346	-1.346	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-1.346	-1.346	0	%100
24	M12	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-.802	-.802	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-.802	-.802	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-.802	-.802	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-.802	-.802	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-.802	-.802	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-.802	-.802	0	%100
48	M24	Z	0	0	0	%100
49	MP1A	X	-.639	-.639	0	%100
50	MP1A	Z	0	0	0	%100
51	MP2A	X	-.774	-.774	0	%100
52	MP2A	Z	0	0	0	%100
53	MP3A	X	-.639	-.639	0	%100
54	MP3A	Z	0	0	0	%100
55	MP4A	X	-.639	-.639	0	%100
56	MP4A	Z	0	0	0	%100
57	MP1B	X	-.639	-.639	0	%100
58	MP1B	Z	0	0	0	%100
59	MP2B	X	-.774	-.774	0	%100
60	MP2B	Z	0	0	0	%100
61	MP3B	X	-.639	-.639	0	%100
62	MP3B	Z	0	0	0	%100
63	MP4B	X	-.639	-.639	0	%100
64	MP4B	Z	0	0	0	%100
65	MP1C	X	-.639	-.639	0	%100
66	MP1C	Z	0	0	0	%100
67	MP2C	X	-.774	-.774	0	%100
68	MP2C	Z	0	0	0	%100
69	MP3C	X	-.639	-.639	0	%100
70	MP3C	Z	0	0	0	%100
71	MP4C	X	-.639	-.639	0	%100
72	MP4C	Z	0	0	0	%100
73	M49	X	-.639	-.639	0	%100
74	M49	Z	0	0	0	%100
75	M50	X	-.639	-.639	0	%100
76	M50	Z	0	0	0	%100
77	M51	X	-.639	-.639	0	%100
78	M51	Z	0	0	0	%100
79	M52	X	-.639	-.639	0	%100
80	M52	Z	0	0	0	%100
81	M61	X	-.639	-.639	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.%]
82	M61	Z	0	0	0	%100
83	M63	X	-.815	-.815	0	%100
84	M63	Z	0	0	0	%100
85	M69	X	0	0	0	%100
86	M69	Z	0	0	0	%100
87	M71	X	-.815	-.815	0	%100
88	M71	Z	0	0	0	%100
89	M77	X	-.639	-.639	0	%100
90	M77	Z	0	0	0	%100
91	M79	X	-.815	-.815	0	%100
92	M79	Z	0	0	0	%100
93	M85	X	0	0	0	%100
94	M85	Z	0	0	0	%100
95	M87	X	-.815	-.815	0	%100
96	M87	Z	0	0	0	%100
97	M97A	X	-.26	-.26	0	%100
98	M97A	Z	0	0	0	%100
99	M98A	X	-.26	-.26	0	%100
100	M98A	Z	0	0	0	%100
101	M99A	X	-.26	-.26	0	%100
102	M99A	Z	0	0	0	%100
103	M100A	X	-.26	-.26	0	%100
104	M100A	Z	0	0	0	%100
105	M101A	X	-.26	-.26	0	%100
106	M101A	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	-.065	-.065	0	%100
2	M1	Z	-.038	-.038	0	%100
3	M2	X	-.906	-.906	0	%100
4	M2	Z	-.523	-.523	0	%100
5	M3	X	-.065	-.065	0	%100
6	M3	Z	-.038	-.038	0	%100
7	M4	X	-.906	-.906	0	%100
8	M4	Z	-.523	-.523	0	%100
9	M5	X	-.243	-.243	0	%100
10	M5	Z	-.14	-.14	0	%100
11	M6	X	-.728	-.728	0	%100
12	M6	Z	-.42	-.42	0	%100
13	M7	X	-.243	-.243	0	%100
14	M7	Z	-.14	-.14	0	%100
15	M8	X	-.728	-.728	0	%100
16	M8	Z	-.42	-.42	0	%100
17	M9	X	-.291	-.291	0	%100
18	M9	Z	-.168	-.168	0	%100
19	M10	X	-.874	-.874	0	%100
20	M10	Z	-.505	-.505	0	%100
21	M11	X	-.291	-.291	0	%100
22	M11	Z	-.168	-.168	0	%100
23	M12	X	-.874	-.874	0	%100
24	M12	Z	-.505	-.505	0	%100
25	M13	X	-.174	-.174	0	%100
26	M13	Z	-.1	-.1	0	%100
27	M14	X	-.174	-.174	0	%100
28	M14	Z	-.1	-.1	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft. %]	End Location[ft. %]
29	M15	X	-.174	-.174	0	%100
30	M15	Z	-.1	-.1	0	%100
31	M16	X	-.521	-.521	0	%100
32	M16	Z	-.301	-.301	0	%100
33	M17	X	-.521	-.521	0	%100
34	M17	Z	-.301	-.301	0	%100
35	M18	X	-.521	-.521	0	%100
36	M18	Z	-.301	-.301	0	%100
37	M19	X	-.174	-.174	0	%100
38	M19	Z	-.1	-.1	0	%100
39	M20	X	-.174	-.174	0	%100
40	M20	Z	-.1	-.1	0	%100
41	M21	X	-.174	-.174	0	%100
42	M21	Z	-.1	-.1	0	%100
43	M22	X	-.521	-.521	0	%100
44	M22	Z	-.301	-.301	0	%100
45	M23	X	-.521	-.521	0	%100
46	M23	Z	-.301	-.301	0	%100
47	M24	X	-.521	-.521	0	%100
48	M24	Z	-.301	-.301	0	%100
49	MP1A	X	-.553	-.553	0	%100
50	MP1A	Z	-.32	-.32	0	%100
51	MP2A	X	-.67	-.67	0	%100
52	MP2A	Z	-.387	-.387	0	%100
53	MP3A	X	-.553	-.553	0	%100
54	MP3A	Z	-.32	-.32	0	%100
55	MP4A	X	-.553	-.553	0	%100
56	MP4A	Z	-.32	-.32	0	%100
57	MP1B	X	-.553	-.553	0	%100
58	MP1B	Z	-.32	-.32	0	%100
59	MP2B	X	-.67	-.67	0	%100
60	MP2B	Z	-.387	-.387	0	%100
61	MP3B	X	-.553	-.553	0	%100
62	MP3B	Z	-.32	-.32	0	%100
63	MP4B	X	-.553	-.553	0	%100
64	MP4B	Z	-.32	-.32	0	%100
65	MP1C	X	-.553	-.553	0	%100
66	MP1C	Z	-.32	-.32	0	%100
67	MP2C	X	-.67	-.67	0	%100
68	MP2C	Z	-.387	-.387	0	%100
69	MP3C	X	-.553	-.553	0	%100
70	MP3C	Z	-.32	-.32	0	%100
71	MP4C	X	-.553	-.553	0	%100
72	MP4C	Z	-.32	-.32	0	%100
73	M49	X	-.553	-.553	0	%100
74	M49	Z	-.32	-.32	0	%100
75	M50	X	-.553	-.553	0	%100
76	M50	Z	-.32	-.32	0	%100
77	M51	X	-.553	-.553	0	%100
78	M51	Z	-.32	-.32	0	%100
79	M52	X	-.553	-.553	0	%100
80	M52	Z	-.32	-.32	0	%100
81	M61	X	-.415	-.415	0	%100
82	M61	Z	-.24	-.24	0	%100
83	M63	X	-.935	-.935	0	%100
84	M63	Z	-.54	-.54	0	%100
85	M69	X	-.138	-.138	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft, %]	End Location[ft, %]
86	M69	Z	-.08	-.08	0	%100
87	M71	X	-.475	-.475	0	%100
88	M71	Z	-.274	-.274	0	%100
89	M77	X	-.415	-.415	0	%100
90	M77	Z	-.24	-.24	0	%100
91	M79	X	-.935	-.935	0	%100
92	M79	Z	-.54	-.54	0	%100
93	M85	X	-.138	-.138	0	%100
94	M85	Z	-.08	-.08	0	%100
95	M87	X	-.475	-.475	0	%100
96	M87	Z	-.274	-.274	0	%100
97	M97A	X	-.03	-.03	0	%100
98	M97A	Z	-.017	-.017	0	%100
99	M98A	X	-.42	-.42	0	%100
100	M98A	Z	-.242	-.242	0	%100
101	M99A	X	-.03	-.03	0	%100
102	M99A	Z	-.017	-.017	0	%100
103	M100A	X	-.42	-.42	0	%100
104	M100A	Z	-.242	-.242	0	%100
105	M101A	X	-.03	-.03	0	%100
106	M101A	Z	-.017	-.017	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	-.038	-.038	0	%100
2	M1	Z	-.065	-.065	0	%100
3	M2	X	-.523	-.523	0	%100
4	M2	Z	-.906	-.906	0	%100
5	M3	X	-.038	-.038	0	%100
6	M3	Z	-.065	-.065	0	%100
7	M4	X	-.523	-.523	0	%100
8	M4	Z	-.906	-.906	0	%100
9	M5	X	-.42	-.42	0	%100
10	M5	Z	-.728	-.728	0	%100
11	M6	X	-.14	-.14	0	%100
12	M6	Z	-.243	-.243	0	%100
13	M7	X	-.42	-.42	0	%100
14	M7	Z	-.728	-.728	0	%100
15	M8	X	-.14	-.14	0	%100
16	M8	Z	-.243	-.243	0	%100
17	M9	X	-.505	-.505	0	%100
18	M9	Z	-.874	-.874	0	%100
19	M10	X	-.168	-.168	0	%100
20	M10	Z	-.291	-.291	0	%100
21	M11	X	-.505	-.505	0	%100
22	M11	Z	-.874	-.874	0	%100
23	M12	X	-.168	-.168	0	%100
24	M12	Z	-.291	-.291	0	%100
25	M13	X	-.301	-.301	0	%100
26	M13	Z	-.521	-.521	0	%100
27	M14	X	-.301	-.301	0	%100
28	M14	Z	-.521	-.521	0	%100
29	M15	X	-.301	-.301	0	%100
30	M15	Z	-.521	-.521	0	%100
31	M16	X	-.1	-.1	0	%100
32	M16	Z	-.174	-.174	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. %]
33	M17	X	-.1	-.1	0	%100
34	M17	Z	-.174	-.174	0	%100
35	M18	X	-.1	-.1	0	%100
36	M18	Z	-.174	-.174	0	%100
37	M19	X	-.301	-.301	0	%100
38	M19	Z	-.521	-.521	0	%100
39	M20	X	-.301	-.301	0	%100
40	M20	Z	-.521	-.521	0	%100
41	M21	X	-.301	-.301	0	%100
42	M21	Z	-.521	-.521	0	%100
43	M22	X	-.1	-.1	0	%100
44	M22	Z	-.174	-.174	0	%100
45	M23	X	-.1	-.1	0	%100
46	M23	Z	-.174	-.174	0	%100
47	M24	X	-.1	-.1	0	%100
48	M24	Z	-.174	-.174	0	%100
49	MP1A	X	-.32	-.32	0	%100
50	MP1A	Z	-.553	-.553	0	%100
51	MP2A	X	-.387	-.387	0	%100
52	MP2A	Z	-.67	-.67	0	%100
53	MP3A	X	-.32	-.32	0	%100
54	MP3A	Z	-.553	-.553	0	%100
55	MP4A	X	-.32	-.32	0	%100
56	MP4A	Z	-.553	-.553	0	%100
57	MP1B	X	-.32	-.32	0	%100
58	MP1B	Z	-.553	-.553	0	%100
59	MP2B	X	-.387	-.387	0	%100
60	MP2B	Z	-.67	-.67	0	%100
61	MP3B	X	-.32	-.32	0	%100
62	MP3B	Z	-.553	-.553	0	%100
63	MP4B	X	-.32	-.32	0	%100
64	MP4B	Z	-.553	-.553	0	%100
65	MP1C	X	-.32	-.32	0	%100
66	MP1C	Z	-.553	-.553	0	%100
67	MP2C	X	-.387	-.387	0	%100
68	MP2C	Z	-.67	-.67	0	%100
69	MP3C	X	-.32	-.32	0	%100
70	MP3C	Z	-.553	-.553	0	%100
71	MP4C	X	-.32	-.32	0	%100
72	MP4C	Z	-.553	-.553	0	%100
73	M49	X	-.32	-.32	0	%100
74	M49	Z	-.553	-.553	0	%100
75	M50	X	-.32	-.32	0	%100
76	M50	Z	-.553	-.553	0	%100
77	M51	X	-.32	-.32	0	%100
78	M51	Z	-.553	-.553	0	%100
79	M52	X	-.32	-.32	0	%100
80	M52	Z	-.553	-.553	0	%100
81	M61	X	-.08	-.08	0	%100
82	M61	Z	-.138	-.138	0	%100
83	M63	X	-.54	-.54	0	%100
84	M63	Z	-.935	-.935	0	%100
85	M69	X	-.24	-.24	0	%100
86	M69	Z	-.415	-.415	0	%100
87	M71	X	-.274	-.274	0	%100
88	M71	Z	-.475	-.475	0	%100
89	M77	X	-.08	-.08	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, %]
90	M77	Z	-.138	-.138	0	%100
91	M79	X	-.54	-.54	0	%100
92	M79	Z	-.935	-.935	0	%100
93	M85	X	-.24	-.24	0	%100
94	M85	Z	-.415	-.415	0	%100
95	M87	X	-.274	-.274	0	%100
96	M87	Z	-.475	-.475	0	%100
97	M97A	X	-.017	-.017	0	%100
98	M97A	Z	-.03	-.03	0	%100
99	M98A	X	-.242	-.242	0	%100
100	M98A	Z	-.42	-.42	0	%100
101	M99A	X	-.017	-.017	0	%100
102	M99A	Z	-.03	-.03	0	%100
103	M100A	X	-.242	-.242	0	%100
104	M100A	Z	-.42	-.42	0	%100
105	M101A	X	-.017	-.017	0	%100
106	M101A	Z	-.03	-.03	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	M2	Y	-.082	-3.731	2.812	4.125
2	M2	Y	-3.731	-10.602	4.125	5.437
3	M2	Y	-10.602	-18.137	5.437	6.75
4	M2	Y	-18.137	-10.855	6.75	8.062
5	M2	Y	-10.855	-.082	8.062	9.375
6	M3	Y	-.082	-3.731	2.812	4.125
7	M3	Y	-3.731	-10.602	4.125	5.437
8	M3	Y	-10.602	-18.137	5.437	6.75
9	M3	Y	-18.137	-10.855	6.75	8.062
10	M3	Y	-10.855	-.082	8.062	9.375
11	M13	Y	-17.714	-17.771	0	.621
12	M13	Y	-17.771	-14.3	.621	1.242
13	M13	Y	-14.3	-20.023	1.242	1.862
14	M13	Y	-20.023	-29.959	1.862	2.483
15	M13	Y	-29.959	-31.383	2.483	3.104
16	M14	Y	-27.29	-32.878	0	.621
17	M14	Y	-32.878	-30.985	.621	1.242
18	M14	Y	-30.985	-16.884	1.242	1.862
19	M14	Y	-16.884	-23.573	1.862	2.483
20	M14	Y	-23.573	-55.777	2.483	3.104
21	M15	Y	-22.528	-15.512	0	.621
22	M15	Y	-15.512	-24.276	.621	1.242
23	M15	Y	-24.276	-33.22	1.242	1.862
24	M15	Y	-33.22	-28.434	1.862	2.483
25	M15	Y	-28.434	-25.515	2.483	3.104
26	M4	Y	-.082	-3.731	2.812	4.125
27	M4	Y	-3.731	-10.602	4.125	5.437
28	M4	Y	-10.602	-18.137	5.437	6.75
29	M4	Y	-18.137	-10.855	6.75	8.062
30	M4	Y	-10.855	-.082	8.062	9.375
31	M16	Y	-17.714	-17.771	0	.621
32	M16	Y	-17.771	-14.3	.621	1.242
33	M16	Y	-14.3	-20.023	1.242	1.862
34	M16	Y	-20.023	-29.959	1.862	2.483
35	M16	Y	-29.959	-31.383	2.483	3.104
36	M17	Y	-27.29	-32.878	0	.621

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.%]
37	M17	Y	-32.878	-30.985	.621	1.242
38	M17	Y	-30.985	-16.884	1.242	1.862
39	M17	Y	-16.884	-23.573	1.862	2.483
40	M17	Y	-23.573	-55.777	2.483	3.104
41	M18	Y	-22.528	-15.512	0	.621
42	M18	Y	-15.512	-24.276	.621	1.242
43	M18	Y	-24.276	-33.22	1.242	1.862
44	M18	Y	-33.22	-28.434	1.862	2.483
45	M18	Y	-28.434	-25.515	2.483	3.104
46	M1	Y	-.082	-3.731	2.812	4.125
47	M1	Y	-3.731	-10.602	4.125	5.437
48	M1	Y	-10.602	-18.137	5.437	6.75
49	M1	Y	-18.137	-10.855	6.75	8.062
50	M1	Y	-10.855	-.082	8.062	9.375
51	M19	Y	-17.714	-17.771	0	.621
52	M19	Y	-17.771	-14.3	.621	1.242
53	M19	Y	-14.3	-20.023	1.242	1.862
54	M19	Y	-20.023	-29.959	1.862	2.483
55	M19	Y	-29.959	-31.383	2.483	3.104
56	M20	Y	-27.29	-32.878	0	.621
57	M20	Y	-32.878	-30.985	.621	1.242
58	M20	Y	-30.985	-16.884	1.242	1.862
59	M20	Y	-16.884	-23.573	1.862	2.483
60	M20	Y	-23.573	-55.777	2.483	3.104
61	M21	Y	-22.528	-15.512	0	.621
62	M21	Y	-15.512	-24.276	.621	1.242
63	M21	Y	-24.276	-33.22	1.242	1.862
64	M21	Y	-33.22	-28.434	1.862	2.483
65	M21	Y	-28.434	-25.515	2.483	3.104
66	M22	Y	-17.714	-17.771	0	.621
67	M22	Y	-17.771	-14.3	.621	1.242
68	M22	Y	-14.3	-20.023	1.242	1.862
69	M22	Y	-20.023	-29.959	1.862	2.483
70	M22	Y	-29.959	-31.383	2.483	3.104
71	M23	Y	-27.29	-32.878	0	.621
72	M23	Y	-32.878	-30.985	.621	1.242
73	M23	Y	-30.985	-16.884	1.242	1.862
74	M23	Y	-16.884	-23.573	1.862	2.483
75	M23	Y	-23.573	-55.777	2.483	3.104
76	M24	Y	-22.528	-15.512	0	.621
77	M24	Y	-15.512	-24.276	.621	1.242
78	M24	Y	-24.276	-33.22	1.242	1.862
79	M24	Y	-33.22	-28.434	1.862	2.483
80	M24	Y	-28.434	-25.515	2.483	3.104

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	M2	Y	-6.443	-7.602	3.75	5.312
2	M2	Y	-7.602	-5.616	5.312	6.875
3	M2	Y	-5.616	-.519	6.875	8.437
4	M3	Y	-.402	-1.566	2.812	3.75
5	M3	Y	-1.566	-6.737	3.75	4.687
6	M3	Y	-6.737	-12.227	4.687	5.625
7	M3	Y	-12.227	-9.065	5.625	6.562
8	M3	Y	-9.065	-.402	6.562	7.5
9	M6	Y	-6.713	-8.013	0	2.257

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	Y	-8.013	-7.77	2.257	4.514
11	M6	Y	-7.77	-12.775	4.514	6.771
12	M6	Y	-12.775	-14.398	6.771	9.028
13	M6	Y	-14.398	-7.808	9.028	11.285
14	M6	Y	-7.808	-3.179	11.285	13.542
15	M10	Y	-1.707	-10.608	0	1.467
16	M10	Y	-10.608	-12.37	1.467	2.933
17	M10	Y	-12.37	-15.279	2.933	4.4
18	M10	Y	-15.279	-14.206	4.4	5.867
19	M10	Y	-14.206	-1.09	5.867	7.333
20	M13	Y	-6.432	-15.313	0	.621
21	M13	Y	-15.313	-18.371	.621	1.242
22	M13	Y	-18.371	-25.857	1.242	1.862
23	M13	Y	-25.857	-23.251	1.862	2.483
24	M13	Y	-23.251	-1.474	2.483	3.104
25	M14	Y	-.809	-19.46	.31	1.707
26	M14	Y	-19.46	-38.11	1.707	3.104
27	M15	Y	-4.068	-10.452	0	.559
28	M15	Y	-10.452	-19.011	.559	1.117
29	M15	Y	-19.011	-34.131	1.117	1.676
30	M15	Y	-34.131	-22.102	1.676	2.235
31	M15	Y	-22.102	-.319	2.235	2.794
32	M3	Y	-6.443	-7.602	3.75	5.312
33	M3	Y	-7.602	-5.616	5.312	6.875
34	M3	Y	-5.616	-.519	6.875	8.437
35	M4	Y	-.402	-1.566	2.812	3.75
36	M4	Y	-1.566	-6.737	3.75	4.687
37	M4	Y	-6.737	-12.227	4.687	5.625
38	M4	Y	-12.227	-9.065	5.625	6.562
39	M4	Y	-9.065	-.402	6.562	7.5
40	M7	Y	-6.713	-8.013	0	2.257
41	M7	Y	-8.013	-7.77	2.257	4.514
42	M7	Y	-7.77	-12.775	4.514	6.771
43	M7	Y	-12.775	-14.398	6.771	9.028
44	M7	Y	-14.398	-7.808	9.028	11.285
45	M7	Y	-7.808	-3.179	11.285	13.542
46	M11	Y	-1.707	-10.608	0	1.467
47	M11	Y	-10.608	-12.37	1.467	2.933
48	M11	Y	-12.37	-15.279	2.933	4.4
49	M11	Y	-15.279	-14.206	4.4	5.867
50	M11	Y	-14.206	-1.09	5.867	7.333
51	M16	Y	-6.432	-15.313	0	.621
52	M16	Y	-15.313	-18.371	.621	1.242
53	M16	Y	-18.371	-25.857	1.242	1.862
54	M16	Y	-25.857	-23.251	1.862	2.483
55	M16	Y	-23.251	-1.474	2.483	3.104
56	M17	Y	-.809	-19.46	.31	1.707
57	M17	Y	-19.46	-38.11	1.707	3.104
58	M18	Y	-4.068	-10.452	0	.559
59	M18	Y	-10.452	-19.011	.559	1.117
60	M18	Y	-19.011	-34.131	1.117	1.676
61	M18	Y	-34.131	-22.102	1.676	2.235
62	M18	Y	-22.102	-.319	2.235	2.794
63	M1	Y	-.402	-1.566	2.812	3.75
64	M1	Y	-1.566	-6.737	3.75	4.687
65	M1	Y	-6.737	-12.227	4.687	5.625
66	M1	Y	-12.227	-9.065	5.625	6.562

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	M1	Y	-9.065	-.402	6.562	7.5
68	M4	Y	-6.443	-7.602	3.75	5.312
69	M4	Y	-7.602	-5.616	5.312	6.875
70	M4	Y	-5.616	-.519	6.875	8.437
71	M8	Y	-6.713	-8.013	0	2.257
72	M8	Y	-8.013	-7.77	2.257	4.514
73	M8	Y	-7.77	-12.775	4.514	6.771
74	M8	Y	-12.775	-14.398	6.771	9.028
75	M8	Y	-14.398	-7.808	9.028	11.285
76	M8	Y	-7.808	-3.179	11.285	13.542
77	M12	Y	-1.707	-10.608	0	1.467
78	M12	Y	-10.608	-12.37	1.467	2.933
79	M12	Y	-12.37	-15.279	2.933	4.4
80	M12	Y	-15.279	-14.206	4.4	5.867
81	M12	Y	-14.206	-1.09	5.867	7.333
82	M19	Y	-6.432	-15.313	0	.621
83	M19	Y	-15.313	-18.371	.621	1.242
84	M19	Y	-18.371	-25.857	1.242	1.862
85	M19	Y	-25.857	-23.251	1.862	2.483
86	M19	Y	-23.251	-1.474	2.483	3.104
87	M20	Y	-.809	-19.46	.31	1.707
88	M20	Y	-19.46	-38.11	1.707	3.104
89	M21	Y	-4.068	-10.452	0	.559
90	M21	Y	-10.452	-19.011	.559	1.117
91	M21	Y	-19.011	-34.131	1.117	1.676
92	M21	Y	-34.131	-22.102	1.676	2.235
93	M21	Y	-22.102	-.319	2.235	2.794
94	M1	Y	-6.443	-7.602	3.75	5.312
95	M1	Y	-7.602	-5.616	5.312	6.875
96	M1	Y	-5.616	-.519	6.875	8.437
97	M2	Y	-.402	-1.566	2.812	3.75
98	M2	Y	-1.566	-6.737	3.75	4.687
99	M2	Y	-6.737	-12.227	4.687	5.625
100	M2	Y	-12.227	-9.065	5.625	6.562
101	M2	Y	-9.065	-.402	6.562	7.5
102	M5	Y	-6.713	-8.013	0	2.257
103	M5	Y	-8.013	-7.77	2.257	4.514
104	M5	Y	-7.77	-12.775	4.514	6.771
105	M5	Y	-12.775	-14.398	6.771	9.028
106	M5	Y	-14.398	-7.808	9.028	11.285
107	M5	Y	-7.808	-3.179	11.285	13.542
108	M9	Y	-1.707	-10.608	0	1.467
109	M9	Y	-10.608	-12.37	1.467	2.933
110	M9	Y	-12.37	-15.279	2.933	4.4
111	M9	Y	-15.279	-14.206	4.4	5.867
112	M9	Y	-14.206	-1.09	5.867	7.333
113	M22	Y	-6.432	-15.313	0	.621
114	M22	Y	-15.313	-18.371	.621	1.242
115	M22	Y	-18.371	-25.857	1.242	1.862
116	M22	Y	-25.857	-23.251	1.862	2.483
117	M22	Y	-23.251	-1.474	2.483	3.104
118	M23	Y	-.809	-19.46	.31	1.707
119	M23	Y	-19.46	-38.11	1.707	3.104
120	M24	Y	-4.068	-10.452	0	.559
121	M24	Y	-10.452	-19.011	.559	1.117
122	M24	Y	-19.011	-34.131	1.117	1.676
123	M24	Y	-34.131	-22.102	1.676	2.235

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.%]
124	M24	Y	-22.102	-.319	2.235	2.794

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	M2	Y	-.101	-.12	3.75	5.312
2	M2	Y	-.12	-.088	5.312	6.875
3	M2	Y	-.088	-.008	6.875	8.437
4	M3	Y	-.006	-.025	2.812	3.75
5	M3	Y	-.025	-.106	3.75	4.687
6	M3	Y	-.106	-.192	4.687	5.625
7	M3	Y	-.192	-.143	5.625	6.562
8	M3	Y	-.143	-.006	6.562	7.5
9	M6	Y	-.106	-.126	0	2.257
10	M6	Y	-.126	-.122	2.257	4.514
11	M6	Y	-.122	-.201	4.514	6.771
12	M6	Y	-.201	-.226	6.771	9.028
13	M6	Y	-.226	-.123	9.028	11.285
14	M6	Y	-.123	-.05	11.285	13.542
15	M10	Y	-.027	-.167	0	1.467
16	M10	Y	-.167	-.194	1.467	2.933
17	M10	Y	-.194	-.24	2.933	4.4
18	M10	Y	-.24	-.223	4.4	5.867
19	M10	Y	-.223	-.017	5.867	7.333
20	M13	Y	-.101	-.241	0	.621
21	M13	Y	-.241	-.289	.621	1.242
22	M13	Y	-.289	-.407	1.242	1.862
23	M13	Y	-.407	-.366	1.862	2.483
24	M13	Y	-.366	-.023	2.483	3.104
25	M14	Y	-.013	-.306	.31	1.707
26	M14	Y	-.306	-.599	1.707	3.104
27	M15	Y	-.064	-.164	0	.559
28	M15	Y	-.164	-.299	.559	1.117
29	M15	Y	-.299	-.537	1.117	1.676
30	M15	Y	-.537	-.347	1.676	2.235
31	M15	Y	-.347	-.005	2.235	2.794
32	M3	Y	-.101	-.12	3.75	5.312
33	M3	Y	-.12	-.088	5.312	6.875
34	M3	Y	-.088	-.008	6.875	8.437
35	M4	Y	-.006	-.025	2.812	3.75
36	M4	Y	-.025	-.106	3.75	4.687
37	M4	Y	-.106	-.192	4.687	5.625
38	M4	Y	-.192	-.143	5.625	6.562
39	M4	Y	-.143	-.006	6.562	7.5
40	M7	Y	-.106	-.126	0	2.257
41	M7	Y	-.126	-.122	2.257	4.514
42	M7	Y	-.122	-.201	4.514	6.771
43	M7	Y	-.201	-.226	6.771	9.028
44	M7	Y	-.226	-.123	9.028	11.285
45	M7	Y	-.123	-.05	11.285	13.542
46	M11	Y	-.027	-.167	0	1.467
47	M11	Y	-.167	-.194	1.467	2.933
48	M11	Y	-.194	-.24	2.933	4.4
49	M11	Y	-.24	-.223	4.4	5.867
50	M11	Y	-.223	-.017	5.867	7.333
51	M16	Y	-.101	-.241	0	.621
52	M16	Y	-.241	-.289	.621	1.242

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.%]
53	M16	Y	-.289	-.407	1.242	1.862
54	M16	Y	-.407	-.366	1.862	2.483
55	M16	Y	-.366	-.023	2.483	3.104
56	M17	Y	-.013	-.306	.31	1.707
57	M17	Y	-.306	-.599	1.707	3.104
58	M18	Y	-.064	-.164	0	.559
59	M18	Y	-.164	-.299	.559	1.117
60	M18	Y	-.299	-.537	1.117	1.676
61	M18	Y	-.537	-.347	1.676	2.235
62	M18	Y	-.347	-.005	2.235	2.794
63	M1	Y	-.006	-.025	2.812	3.75
64	M1	Y	-.025	-.106	3.75	4.687
65	M1	Y	-.106	-.192	4.687	5.625
66	M1	Y	-.192	-.143	5.625	6.562
67	M1	Y	-.143	-.006	6.562	7.5
68	M4	Y	-.101	-.12	3.75	5.312
69	M4	Y	-.12	-.088	5.312	6.875
70	M4	Y	-.088	-.008	6.875	8.437
71	M8	Y	-.106	-.126	0	2.257
72	M8	Y	-.126	-.122	2.257	4.514
73	M8	Y	-.122	-.201	4.514	6.771
74	M8	Y	-.201	-.226	6.771	9.028
75	M8	Y	-.226	-.123	9.028	11.285
76	M8	Y	-.123	-.05	11.285	13.542
77	M12	Y	-.027	-.167	0	1.467
78	M12	Y	-.167	-.194	1.467	2.933
79	M12	Y	-.194	-.24	2.933	4.4
80	M12	Y	-.24	-.223	4.4	5.867
81	M12	Y	-.223	-.017	5.867	7.333
82	M19	Y	-.101	-.241	0	.621
83	M19	Y	-.241	-.289	.621	1.242
84	M19	Y	-.289	-.407	1.242	1.862
85	M19	Y	-.407	-.366	1.862	2.483
86	M19	Y	-.366	-.023	2.483	3.104
87	M20	Y	-.013	-.306	.31	1.707
88	M20	Y	-.306	-.599	1.707	3.104
89	M21	Y	-.064	-.164	0	.559
90	M21	Y	-.164	-.299	.559	1.117
91	M21	Y	-.299	-.537	1.117	1.676
92	M21	Y	-.537	-.347	1.676	2.235
93	M21	Y	-.347	-.005	2.235	2.794
94	M1	Y	-.101	-.12	3.75	5.312
95	M1	Y	-.12	-.088	5.312	6.875
96	M1	Y	-.088	-.008	6.875	8.437
97	M2	Y	-.006	-.025	2.812	3.75
98	M2	Y	-.025	-.106	3.75	4.687
99	M2	Y	-.106	-.192	4.687	5.625
100	M2	Y	-.192	-.143	5.625	6.562
101	M2	Y	-.143	-.006	6.562	7.5
102	M5	Y	-.106	-.126	0	2.257
103	M5	Y	-.126	-.122	2.257	4.514
104	M5	Y	-.122	-.201	4.514	6.771
105	M5	Y	-.201	-.226	6.771	9.028
106	M5	Y	-.226	-.123	9.028	11.285
107	M5	Y	-.123	-.05	11.285	13.542
108	M9	Y	-.027	-.167	0	1.467
109	M9	Y	-.167	-.194	1.467	2.933

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.%]
110	M9	Y	-.194	-.24	2.933	4.4
111	M9	Y	-.24	-.223	4.4	5.867
112	M9	Y	-.223	-.017	5.867	7.333
113	M22	Y	-.101	-.241	0	.621
114	M22	Y	-.241	-.289	.621	1.242
115	M22	Y	-.289	-.407	1.242	1.862
116	M22	Y	-.407	-.366	1.862	2.483
117	M22	Y	-.366	-.023	2.483	3.104
118	M23	Y	-.013	-.306	.31	1.707
119	M23	Y	-.306	-.599	1.707	3.104
120	M24	Y	-.064	-.164	0	.559
121	M24	Y	-.164	-.299	.559	1.117
122	M24	Y	-.299	-.537	1.117	1.676
123	M24	Y	-.537	-.347	1.676	2.235
124	M24	Y	-.347	-.005	2.235	2.794

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	M2	Z	-.253	-.299	3.75	5.312
2	M2	Z	-.299	-.221	5.312	6.875
3	M2	Z	-.221	-.02	6.875	8.437
4	M3	Z	-.016	-.062	2.812	3.75
5	M3	Z	-.062	-.265	3.75	4.687
6	M3	Z	-.265	-.481	4.687	5.625
7	M3	Z	-.481	-.356	5.625	6.562
8	M3	Z	-.356	-.016	6.562	7.5
9	M6	Z	-.264	-.315	0	2.257
10	M6	Z	-.315	-.305	2.257	4.514
11	M6	Z	-.305	-.502	4.514	6.771
12	M6	Z	-.502	-.566	6.771	9.028
13	M6	Z	-.566	-.307	9.028	11.285
14	M6	Z	-.307	-.125	11.285	13.542
15	M10	Z	-.067	-.417	0	1.467
16	M10	Z	-.417	-.486	1.467	2.933
17	M10	Z	-.486	-.601	2.933	4.4
18	M10	Z	-.601	-.558	4.4	5.867
19	M10	Z	-.558	-.043	5.867	7.333
20	M13	Z	-.253	-.602	0	.621
21	M13	Z	-.602	-.722	.621	1.242
22	M13	Z	-.722	-1.016	1.242	1.862
23	M13	Z	-1.016	-.914	1.862	2.483
24	M13	Z	-.914	-.058	2.483	3.104
25	M14	Z	-.032	-.765	.31	1.707
26	M14	Z	-.765	-1.498	1.707	3.104
27	M15	Z	-.16	-.411	0	.559
28	M15	Z	-.411	-.747	.559	1.117
29	M15	Z	-.747	-1.342	1.117	1.676
30	M15	Z	-1.342	-.869	1.676	2.235
31	M15	Z	-.869	-.013	2.235	2.794
32	M3	Z	-.253	-.299	3.75	5.312
33	M3	Z	-.299	-.221	5.312	6.875
34	M3	Z	-.221	-.02	6.875	8.437
35	M4	Z	-.016	-.062	2.812	3.75
36	M4	Z	-.062	-.265	3.75	4.687
37	M4	Z	-.265	-.481	4.687	5.625
38	M4	Z	-.481	-.356	5.625	6.562

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.%]
39	M4	Z	-.356	-.016	6.562	7.5
40	M7	Z	-.264	-.315	0	2.257
41	M7	Z	-.315	-.305	2.257	4.514
42	M7	Z	-.305	-.502	4.514	6.771
43	M7	Z	-.502	-.566	6.771	9.028
44	M7	Z	-.566	-.307	9.028	11.285
45	M7	Z	-.307	-.125	11.285	13.542
46	M11	Z	-.067	-.417	0	1.467
47	M11	Z	-.417	-.486	1.467	2.933
48	M11	Z	-.486	-.601	2.933	4.4
49	M11	Z	-.601	-.558	4.4	5.867
50	M11	Z	-.558	-.043	5.867	7.333
51	M16	Z	-.253	-.602	0	.621
52	M16	Z	-.602	-.722	.621	1.242
53	M16	Z	-.722	-1.016	1.242	1.862
54	M16	Z	-1.016	-.914	1.862	2.483
55	M16	Z	-.914	-.058	2.483	3.104
56	M17	Z	-.032	-.765	.31	1.707
57	M17	Z	-.765	-1.498	1.707	3.104
58	M18	Z	-.16	-.411	0	.559
59	M18	Z	-.411	-.747	.559	1.117
60	M18	Z	-.747	-1.342	1.117	1.676
61	M18	Z	-1.342	-.869	1.676	2.235
62	M18	Z	-.869	-.013	2.235	2.794
63	M1	Z	-.016	-.062	2.812	3.75
64	M1	Z	-.062	-.265	3.75	4.687
65	M1	Z	-.265	-.481	4.687	5.625
66	M1	Z	-.481	-.356	5.625	6.562
67	M1	Z	-.356	-.016	6.562	7.5
68	M4	Z	-.253	-.299	3.75	5.312
69	M4	Z	-.299	-.221	5.312	6.875
70	M4	Z	-.221	-.02	6.875	8.437
71	M8	Z	-.264	-.315	0	2.257
72	M8	Z	-.315	-.305	2.257	4.514
73	M8	Z	-.305	-.502	4.514	6.771
74	M8	Z	-.502	-.566	6.771	9.028
75	M8	Z	-.566	-.307	9.028	11.285
76	M8	Z	-.307	-.125	11.285	13.542
77	M12	Z	-.067	-.417	0	1.467
78	M12	Z	-.417	-.486	1.467	2.933
79	M12	Z	-.486	-.601	2.933	4.4
80	M12	Z	-.601	-.558	4.4	5.867
81	M12	Z	-.558	-.043	5.867	7.333
82	M19	Z	-.253	-.602	0	.621
83	M19	Z	-.602	-.722	.621	1.242
84	M19	Z	-.722	-1.016	1.242	1.862
85	M19	Z	-1.016	-.914	1.862	2.483
86	M19	Z	-.914	-.058	2.483	3.104
87	M20	Z	-.032	-.765	.31	1.707
88	M20	Z	-.765	-1.498	1.707	3.104
89	M21	Z	-.16	-.411	0	.559
90	M21	Z	-.411	-.747	.559	1.117
91	M21	Z	-.747	-1.342	1.117	1.676
92	M21	Z	-1.342	-.869	1.676	2.235
93	M21	Z	-.869	-.013	2.235	2.794
94	M1	Z	-.253	-.299	3.75	5.312
95	M1	Z	-.299	-.221	5.312	6.875

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.%]
96	M1	Z	-.221	-.02	6.875	8.437
97	M2	Z	-.016	-.062	2.812	3.75
98	M2	Z	-.062	-.265	3.75	4.687
99	M2	Z	-.265	-.481	4.687	5.625
100	M2	Z	-.481	-.356	5.625	6.562
101	M2	Z	-.356	-.016	6.562	7.5
102	M5	Z	-.264	-.315	0	2.257
103	M5	Z	-.315	-.305	2.257	4.514
104	M5	Z	-.305	-.502	4.514	6.771
105	M5	Z	-.502	-.566	6.771	9.028
106	M5	Z	-.566	-.307	9.028	11.285
107	M5	Z	-.307	-.125	11.285	13.542
108	M9	Z	-.067	-.417	0	1.467
109	M9	Z	-.417	-.486	1.467	2.933
110	M9	Z	-.486	-.601	2.933	4.4
111	M9	Z	-.601	-.558	4.4	5.867
112	M9	Z	-.558	-.043	5.867	7.333
113	M22	Z	-.253	-.602	0	.621
114	M22	Z	-.602	-.722	.621	1.242
115	M22	Z	-.722	-1.016	1.242	1.862
116	M22	Z	-1.016	-.914	1.862	2.483
117	M22	Z	-.914	-.058	2.483	3.104
118	M23	Z	-.032	-.765	.31	1.707
119	M23	Z	-.765	-1.498	1.707	3.104
120	M24	Z	-.16	-.411	0	.559
121	M24	Z	-.411	-.747	.559	1.117
122	M24	Z	-.747	-1.342	1.117	1.676
123	M24	Z	-1.342	-.869	1.676	2.235
124	M24	Z	-.869	-.013	2.235	2.794

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	M2	X	.253	.299	3.75	5.312
2	M2	X	.299	.221	5.312	6.875
3	M2	X	.221	.02	6.875	8.437
4	M3	X	.016	.062	2.812	3.75
5	M3	X	.062	.265	3.75	4.687
6	M3	X	.265	.481	4.687	5.625
7	M3	X	.481	.356	5.625	6.562
8	M3	X	.356	.016	6.562	7.5
9	M6	X	.264	.315	0	2.257
10	M6	X	.315	.305	2.257	4.514
11	M6	X	.305	.502	4.514	6.771
12	M6	X	.502	.566	6.771	9.028
13	M6	X	.566	.307	9.028	11.285
14	M6	X	.307	.125	11.285	13.542
15	M10	X	.067	.417	0	1.467
16	M10	X	.417	.486	1.467	2.933
17	M10	X	.486	.601	2.933	4.4
18	M10	X	.601	.558	4.4	5.867
19	M10	X	.558	.043	5.867	7.333
20	M13	X	.253	.602	0	.621
21	M13	X	.602	.722	.621	1.242
22	M13	X	.722	1.016	1.242	1.862
23	M13	X	1.016	.914	1.862	2.483
24	M13	X	.914	.058	2.483	3.104

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. %]
25	M14	X	.032	.765	.31	1.707
26	M14	X	.765	1.498	1.707	3.104
27	M15	X	.16	.411	0	.559
28	M15	X	.411	.747	.559	1.117
29	M15	X	.747	1.342	1.117	1.676
30	M15	X	1.342	.869	1.676	2.235
31	M15	X	.869	.013	2.235	2.794
32	M3	X	.253	.299	3.75	5.312
33	M3	X	.299	.221	5.312	6.875
34	M3	X	.221	.02	6.875	8.437
35	M4	X	.016	.062	2.812	3.75
36	M4	X	.062	.265	3.75	4.687
37	M4	X	.265	.481	4.687	5.625
38	M4	X	.481	.356	5.625	6.562
39	M4	X	.356	.016	6.562	7.5
40	M7	X	.264	.315	0	2.257
41	M7	X	.315	.305	2.257	4.514
42	M7	X	.305	.502	4.514	6.771
43	M7	X	.502	.566	6.771	9.028
44	M7	X	.566	.307	9.028	11.285
45	M7	X	.307	.125	11.285	13.542
46	M11	X	.067	.417	0	1.467
47	M11	X	.417	.486	1.467	2.933
48	M11	X	.486	.601	2.933	4.4
49	M11	X	.601	.558	4.4	5.867
50	M11	X	.558	.043	5.867	7.333
51	M16	X	.253	.602	0	.621
52	M16	X	.602	.722	.621	1.242
53	M16	X	.722	1.016	1.242	1.862
54	M16	X	1.016	.914	1.862	2.483
55	M16	X	.914	.058	2.483	3.104
56	M17	X	.032	.765	.31	1.707
57	M17	X	.765	1.498	1.707	3.104
58	M18	X	.16	.411	0	.559
59	M18	X	.411	.747	.559	1.117
60	M18	X	.747	1.342	1.117	1.676
61	M18	X	1.342	.869	1.676	2.235
62	M18	X	.869	.013	2.235	2.794
63	M1	X	.016	.062	2.812	3.75
64	M1	X	.062	.265	3.75	4.687
65	M1	X	.265	.481	4.687	5.625
66	M1	X	.481	.356	5.625	6.562
67	M1	X	.356	.016	6.562	7.5
68	M4	X	.253	.299	3.75	5.312
69	M4	X	.299	.221	5.312	6.875
70	M4	X	.221	.02	6.875	8.437
71	M8	X	.264	.315	0	2.257
72	M8	X	.315	.305	2.257	4.514
73	M8	X	.305	.502	4.514	6.771
74	M8	X	.502	.566	6.771	9.028
75	M8	X	.566	.307	9.028	11.285
76	M8	X	.307	.125	11.285	13.542
77	M12	X	.067	.417	0	1.467
78	M12	X	.417	.486	1.467	2.933
79	M12	X	.486	.601	2.933	4.4
80	M12	X	.601	.558	4.4	5.867
81	M12	X	.558	.043	5.867	7.333

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.%]
82	M19	X	.253	.602	0	.621
83	M19	X	.602	.722	.621	1.242
84	M19	X	.722	1.016	1.242	1.862
85	M19	X	1.016	.914	1.862	2.483
86	M19	X	.914	.058	2.483	3.104
87	M20	X	.032	.765	.31	1.707
88	M20	X	.765	1.498	1.707	3.104
89	M21	X	.16	.411	0	.559
90	M21	X	.411	.747	.559	1.117
91	M21	X	.747	1.342	1.117	1.676
92	M21	X	1.342	.869	1.676	2.235
93	M21	X	.869	.013	2.235	2.794
94	M1	X	.253	.299	3.75	5.312
95	M1	X	.299	.221	5.312	6.875
96	M1	X	.221	.02	6.875	8.437
97	M2	X	.016	.062	2.812	3.75
98	M2	X	.062	.265	3.75	4.687
99	M2	X	.265	.481	4.687	5.625
100	M2	X	.481	.356	5.625	6.562
101	M2	X	.356	.016	6.562	7.5
102	M5	X	.264	.315	0	2.257
103	M5	X	.315	.305	2.257	4.514
104	M5	X	.305	.502	4.514	6.771
105	M5	X	.502	.566	6.771	9.028
106	M5	X	.566	.307	9.028	11.285
107	M5	X	.307	.125	11.285	13.542
108	M9	X	.067	.417	0	1.467
109	M9	X	.417	.486	1.467	2.933
110	M9	X	.486	.601	2.933	4.4
111	M9	X	.601	.558	4.4	5.867
112	M9	X	.558	.043	5.867	7.333
113	M22	X	.253	.602	0	.621
114	M22	X	.602	.722	.621	1.242
115	M22	X	.722	1.016	1.242	1.862
116	M22	X	1.016	.914	1.862	2.483
117	M22	X	.914	.058	2.483	3.104
118	M23	X	.032	.765	.31	1.707
119	M23	X	.765	1.498	1.707	3.104
120	M24	X	.16	.411	0	.559
121	M24	X	.411	.747	.559	1.117
122	M24	X	.747	1.342	1.117	1.676
123	M24	X	1.342	.869	1.676	2.235
124	M24	X	.869	.013	2.235	2.794

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N10	N11	N15	N14	Y	A-B	-.009
2	N11	N12	N16	N15	Y	A-B	-.009
3	N12	N9	N13	N16	Y	A-B	-.009
4	N9	N10	N14	N13	Y	A-B	-.009

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N10	N11	N15	N14	Y	Two Way	-.013
2	N11	N12	N16	N15	Y	Two Way	-.013

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
3	N12	N9	N13	N16	Y	Two Way	-.013
4	N9	N10	N14	N13	Y	Two Way	-.013

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N10	N11	N15	N14	Y	Two Way	-.000202
2	N11	N12	N16	N15	Y	Two Way	-.000202
3	N12	N9	N13	N16	Y	Two Way	-.000202
4	N9	N10	N14	N13	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	N10	N11	N15	N14	Z	Two Way	-.000505
2	N11	N12	N16	N15	Z	Two Way	-.000505
3	N12	N9	N13	N16	Z	Two Way	-.000505
4	N9	N10	N14	N13	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	N10	N11	N15	N14	X	Two Way	.000505
2	N11	N12	N16	N15	X	Two Way	.000505
3	N12	N9	N13	N16	X	Two Way	.000505
4	N9	N10	N14	N13	X	Two Way	.000505

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	N5	max	3523.175	12	440.893	18	4210.655	12	.69	17	1.512	1	.092	1
2		min	-1923.017	6	-27.298	12	-2604.201	6	-.084	11	-1.511	7	-.52	19
3	N7	max	2388.114	8	424.464	20	3151.206	3	.705	21	1.255	1	.397	20
4		min	-3371.515	2	20.916	2	-2174.633	9	.127	3	-1.245	7	-.089	2
5	N1	max	2567.324	11	450.53	23	2160.675	11	-.136	5	1.285	12	.412	12
6		min	-3395.78	5	29.478	5	-2967.24	5	-.789	23	-1.28	6	-.073	6
7	N3	max	3929.361	9	447.67	15	2596.526	2	.076	10	1.533	12	.063	8
8		min	-2327.858	3	-22.414	9	-4211.71	8	-.604	16	-1.521	6	-.618	14
9	N115	max	3360.363	15	2919.279	15	-402.2	9	0	1	0	1	0	7
10		min	413.014	9	352.374	9	-3361.129	15	0	7	0	7	0	1
11	N130	max	3508.237	17	3043.983	17	3508.75	17	0	1	0	1	0	1
12		min	320.147	11	273.993	11	309.59	11	0	19	0	19	0	19
13	N145	max	-476.775	2	3944.365	20	4574.423	20	0	10	0	4	0	4
14		min	-4575.254	20	415.111	2	486.967	2	0	4	0	10	0	10
15	N160	max	-508.229	6	3961.879	24	-517.988	6	0	5	0	11	0	5
16		min	-4595.169	24	441.508	6	-4595.963	24	0	11	0	5	0	11
17	Totals:	max	6221.726	10	14288.466	16	6138.157	1						
18		min	-6221.735	4	3862.662	74	-6138.161	7						

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [l...	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	MP3B	PIPE 2.0	.453	6.109	1	.069	3.896		12	13511.278	32130	1.872	1.872	2...	H1-1b
2	MP3A	PIPE 2.0	.406	6.109	10	.057	3.896		10	13511.278	32130	1.872	1.872	2...	H1-1b
3	MP2B	PIPE 2.5	.390	6.094	7	.106	6.094		8	26137.193	50715	3.596	3.596	1...	H1-1b
4	MP4B	PIPE 2.0	.382	6.109	1	.056	6.109		7	13511.278	32130	1.872	1.872	2...	H1-1b
5	MP3C	PIPE 2.0	.369	6.109	4	.058	6.109		6	13511.278	32130	1.872	1.872	2...	H1-1b

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

	Member	Shape	Code C...	Loc[ft]	LC Shear ...	Loc[ft]	Dir	LC phi*Pnc [l...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn	
6	MP4A	PIPE 2.0	.363	6.109	11	.048	6.109	10	13511.278	32130	1.872	1.872	2... H1-1b	
7	MP4C	PIPE 2.0	.356	6.109	3	.058	6.109	10	13511.278	32130	1.872	1.872	2... H1-1b	
8	MP2A	PIPE 2.5	.356	6.094	4	.086	6.094	11	26137.193	50715	3.596	3.596	2... H1-1b	
9	MP1A	PIPE 2.0	.355	6.109	4	.121	6.109	5	13511.278	32130	1.872	1.872	2... H1-1b	
10	MP1B	PIPE 2.0	.354	6.109	6	.109	6.109	8	13511.278	32130	1.872	1.872	2... H1-1b	
11	MP1C	PIPE 2.0	.352	6.109	9	.105	6.109	10	13511.278	32130	1.872	1.872	2... H1-1b	
12	MP2C	PIPE 2.5	.337	6.094	9	.091	6.094	10	26137.193	50715	3.596	3.596	2... H1-1b	
13	M11	L3X3X5	.294	0	7	.174	0	y	19	17649.468	57672	2.015	4.466	2... H2-1
14	M87	LL2.5x2.5x3x6	.282	3.534	24	.005	6.924	y	14	31644.525	58320	4.643	2.526	1... H1-1a
15	M79	LL2.5x2.5x3x6	.281	3.534	20	.004	6.924	y	22	31644.525	58320	4.643	2.526	1... H1-1a
16	M13	L2x2x4	.271	3.104	4	.024	0	z	16	18780.052	30585.6	.691	1.577	1... H2-1
17	M49	PIPE 2.0	.263	6.094	8	.038	6.094	7	12143.947	32130	1.872	1.872	2... H1-1b	
18	M16	L2x2x4	.260	2.975	7	.024	0	z	19	18780.052	30585.6	.691	1.577	1... H2-1
19	M50	PIPE 2.0	.258	6.094	8	.068	6.094	7	12143.947	32130	1.872	1.872	2... H1-1b	
20	M6	HSS4X4X3	.256	13.542	13	.115	0	y	10	51064.708	106812	12.662	12.662	2... H1-1b
21	M77	PIPE 2.0	.255	8.449	7	.149	12.339	6	5934.039	32130	1.872	1.872	3... H1-1b	
22	M7	HSS4X4X3	.254	0	22	.121	0	y	13	51064.708	106812	12.662	12.662	2... H1-1b
23	M5	HSS4X4X3	.249	13.542	22	.105	13.542	y	19	51064.708	106812	12.662	12.662	2... H1-1b
24	M3	HSS4X4X4	.248	5.957	24	.100	5.957	y	13	96579.141	139518	16.181	16.181	3... H1-1b
25	M69	PIPE 2.0	.246	8.449	4	.161	.536	11	5934.039	32130	1.872	1.872	3... H1-1b	
26	M2	HSS4X4X4	.245	5.957	20	.094	5.957	y	22	96579.141	139518	16.181	16.181	3... H1-1b
27	M51	PIPE 2.0	.243	6.094	1	.065	6.094	1	12143.947	32130	1.872	1.872	2... H1-1b	
28	M14	L2x2x4	.242	2.425	16	.018	0	z	16	18780.052	30585.6	.691	1.563	1... H2-1
29	M10	L3X3X5	.231	0	5	.188	7.333	z	13	17649.468	57672	2.015	4.4	2... H2-1
30	M22	L2x2x4	.227	3.072	1	.023	0	z	24	18780.052	30585.6	.691	1.577	1... H2-1
31	M9	L3X3X5	.226	7.333	1	.190	7.333	z	21	17649.468	57672	2.015	4.572	2... H2-1
32	M85	PIPE 2.0	.222	.536	16	.130	12.339	9	5934.039	32130	1.872	1.872	2... H1-1b	
33	M23	L2x2x4	.221	2.393	13	.017	0	z	13	18780.052	30585.6	.691	1.546	1... H2-1
34	M24	L2x2x4	.217	2.975	12	.025	0	z	24	18780.052	30585.6	.691	1.554	1... H2-1
35	M15	L2x2x4	.211	2.942	4	.025	0	z	14	18780.052	30585.6	.691	1.576	1... H2-1
36	M52	PIPE 2.0	.209	6.094	12	.037	6.094	7	12143.947	32130	1.872	1.872	2... H1-1b	
37	M17	L2x2x4	.205	2.231	19	.016	0	z	19	18780.052	30585.6	.691	1.562	1... H2-1
38	M12	L3X3X5	.194	7.333	21	.116	7.333	z	19	17649.468	57672	2.015	4.571	2... H2-1
39	M71	LL2.5x2.5x3x6	.184	6.924	17	.006	6.924	y	19	31644.525	58320	4.643	2.526	1... H1-1b*
40	M1	HSS4X4X4	.183	5.957	17	.096	5.957	y	18	96579.141	139518	16.181	16.181	4... H1-1b
41	M4	HSS4X4X4	.181	5.957	14	.088	5.957	y	14	96579.141	139518	16.181	16.181	3... H1-1b
42	M63	LL2.5x2.5x3x6	.176	6.924	15	.006	6.924	y	13	31644.525	58320	4.643	2.526	1... H1-1b*
43	M8	HSS4X4X3	.170	13.542	19	.046	13.542	y	9	51064.708	106812	12.662	12.662	3... H1-1b
44	M18	L2x2x4	.163	2.587	7	.022	0	z	18	18780.052	30585.6	.691	1.577	1... H2-1
45	M21	L2x2x4	.156	2.037	22	.017	0	z	21	18780.052	30585.6	.691	1.543	1... H2-1
46	M20	L2x2x4	.152	1.972	22	.012	0	z	22	18780.052	30585.6	.691	1.532	1... H2-1
47	M19	L2x2x4	.144	2.069	22	.015	0	z	22	18780.052	30585.6	.691	1.56	1... H2-1
48	M61	PIPE 2.0	.129	1.878	1	.125	.536	8	5934.039	32130	1.872	1.872	3... H1-1b	
49	M100A	PIPE 2.0	.010	1.473	23	.187	0	2	28954.098	32130	1.872	1.872	1... H1-1b	
50	M98A	PIPE 2.0	.009	1.473	19	.137	0	2	28954.098	32130	1.872	1.872	1... H1-1b	
51	M99A	PIPE 2.0	.009	1.473	14	.104	0	1	28954.098	32130	1.872	1.872	1... H1-1b	
52	M97A	PIPE 2.0	.009	1.473	21	.131	0	5	28954.098	32130	1.872	1.872	1... H1-1b	
53	M101A	PIPE 2.0	.009	1.473	21	.131	0	5	28954.098	32130	1.872	1.872	1... H1-1b	

I. Mount-to-Tower Connection Check

Custom Orientation Required

No

Tower Connection Bolt Checks

Yes

Bolt Orientation

Parallel

Bolt Quantity per Reaction:

4

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

8

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

3

Bolt Type:

A325N

Bolt Diameter (in):

0.75

Required Tensile Strength / bolt (kips):

2.6

Required Shear Strength / bolt (kips):

0.1

Tensile Capacity / bolt (kips):

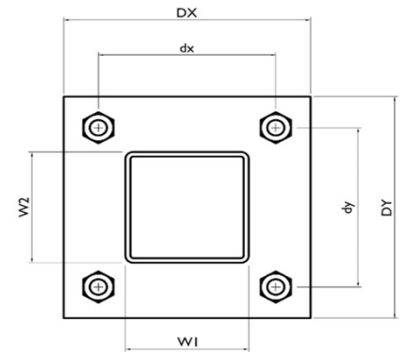
29.8

Shear Capacity / bolt (kips):

17.9

Bolt Overall Utilization:

8.9%



Tower Connection Baseplate Checks

Yes

Connecting Standoff Member Shape:

Rect Tube

Weld Stiffener Configuration:

No Stiffeners

Plate Width, D_x (in):

6

Plate Height, D_y (in):

10

W_1 (in):

4

W_2 (in):

4

Member Thickness (in):

0.25

Stiffener location a_1 (in):

Stiffener location b_1 (in):

Stiffener location a_2 (in):

Stiffener location b_2 (in):

F_y (ksi, plate):

36

Plate Thickness (in):

0.5

Length of Yield Line, L_y (in):

4.85

Bolt Eccentricity, e (in):

1.86

M_u (kip-in):

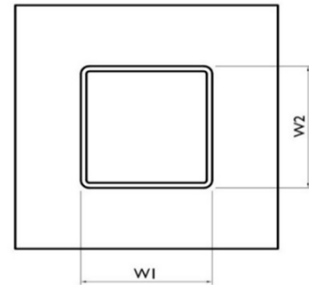
4.92

$\Phi * M_n$ (kip-in):

9.83

Plate Bending Utilization:

50.1%



Tower Connection Weld Checks

Weld Shape:
Weld Stiffener Configuration:
Weld Size (1/16 in):
W1 (in):
W2 (in):
Weld Total Length (in):
 Z_x (in³/in):
 Z_y (in³/in):
 J_p (in⁴/in):
 c_x (in):
 c_y (in):
Required combined strength (kip/in):
Weld Capacity (kip/in):
Weld Utilization:

Yes
Rectangle
None
5
4
4
16.00
21.33
21.33
85.33
2.25
2.25
0.81
6.96
11.6%

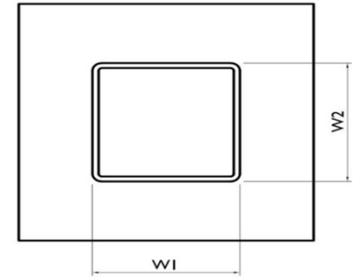
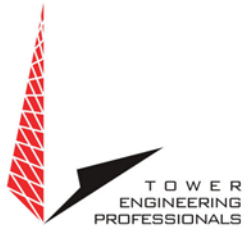


EXHIBIT 5





RF Design and Services
326 Tyron Road
Raleigh, NC 27603
(612) 965-8225
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Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:

415484

Site Name:

East Woodstock, CT CT

Location:

Woodstock, Connecticut

Tenants:

Dish Wireless, & Verizon Wireless

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

October 10th, 2023

180782 P-407659

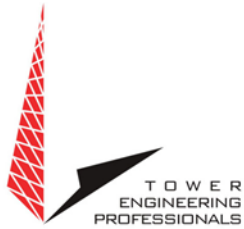
Prepared By:

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

Approved By:



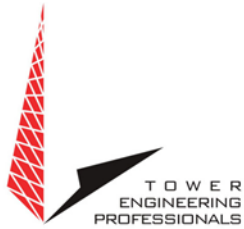
10/10/2023



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Disclaimer Notice

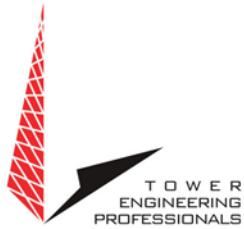
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RALEIGH, NORTH CAROLINA



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Non-Ionizing Electromagnetic Radiation (NIER) Study

415484 East Woodstock, CT CT
Woodstock, 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.

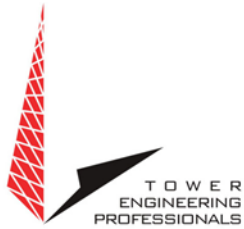
SITE AND FACILITY CONSIDERATIONS

Site 415484 East Woodstock, CT CT is located at 445 Prospect ST., in Woodstock, Connecticut at coordinates 41.557273, -73.256773. The support structure is a 161' monopole. An aerial view of the tower can be found in Appendix 1, Site Photos. The tenants are 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.



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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 415484 East Woodstock, CT CT.RF NIER Study 8/28/23.
- FCC databases.
- Carrier standard configurations.
- Empirical data collected by TEP.

SITE MITIGATION & CONTROL

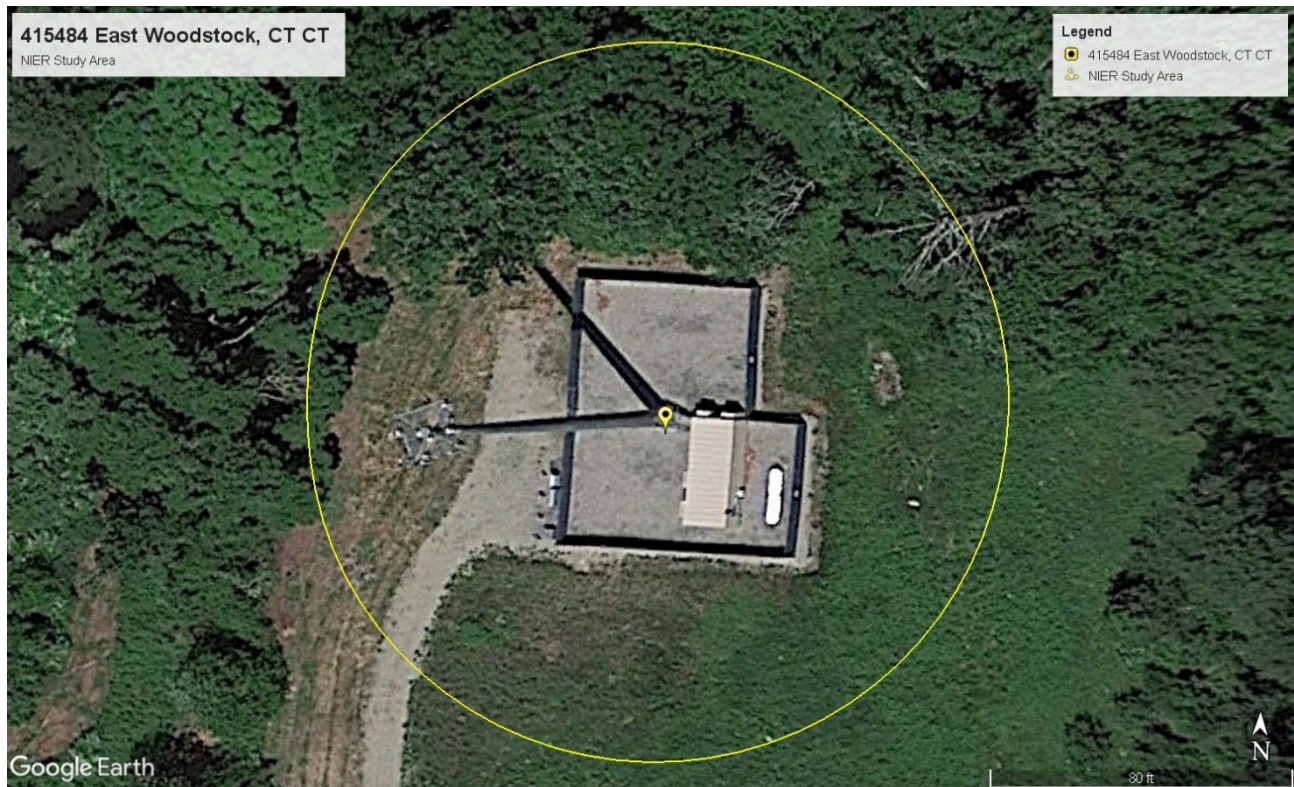
In order to comply with FCC, tenant, & ATC requirements, TEP recommends the placement of signage at the base of the tower and all compound access points to alert workers of potential exposure to RF fields while working on or near the antennae.

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

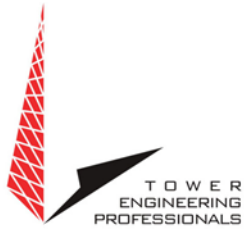
COMPLIANCE DETERMINATION

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

APPENDIX 1 Site Photos



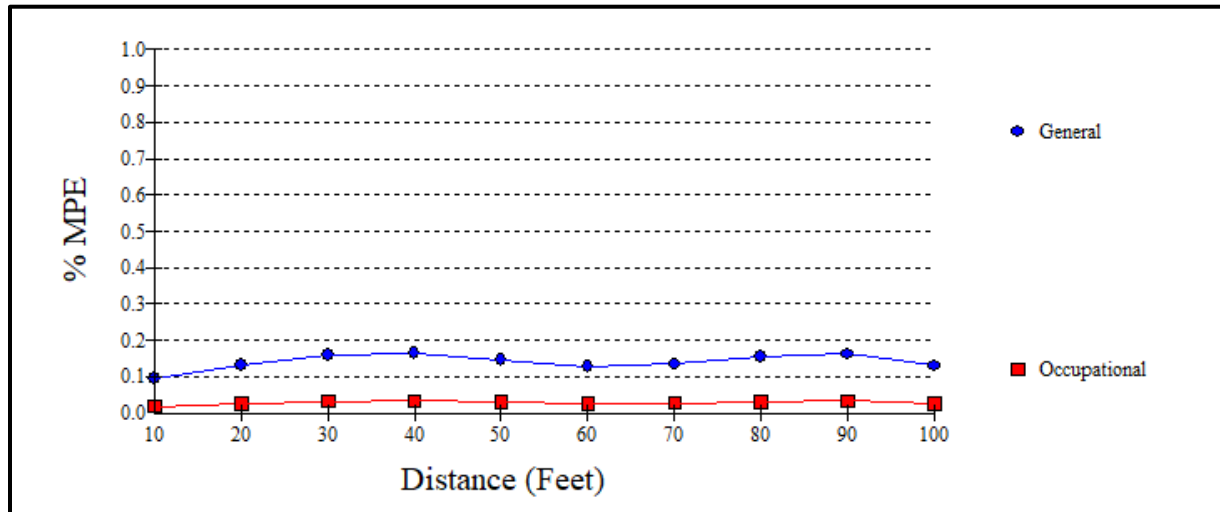
Aerial View of Site



Appendix 2 Antenna Inventory

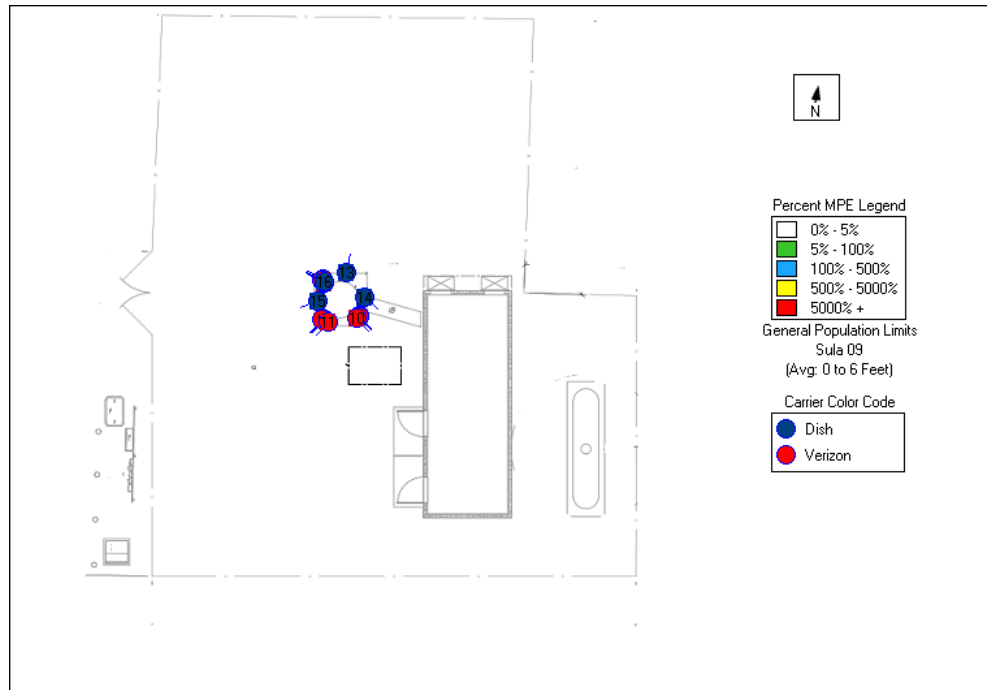
415484 East Woodstock, CT CT							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azimuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	Verizon	Antel	BXA-70063/6CF	700/800/1900/2100	130	108958	161
2	Verizon	Antel	BXA-70063/6CF	700/800/1900/2100	210	108958	161
3	Verizon	Antel	BXA-70063/6CF	700/800/1900/2100	290	108958	161
4	Verizon	Samsung	MT6407	3700/3800/3900	130	18286	161
5	Verizon	Samsung	MT6407	3700/3800/3900	210	18286	161
6	Verizon	Samsung	MT6407	3700/3800/3900	290	18286	161
7	Verizon	JMA	MX06FRO660-03	700/800/1700-2100	130	66420	161
8	Verizon	JMA	MX06FRO660-03	700/800/1700-2100	210	66420	161
9	Verizon	JMA	MX06FRO660-03	700/800/1700-2100	290	66420	161
10	Verizon	JMA	MX06FRO660-03	700/800/1700-2100	130	66420	161
11	Verizon	JMA	MX06FRO660-03	700/800/1700-2100	210	66240	161
12	Verizon	JMA	MX06FRO660-03	700/800/1700-2100	290	66420	161
13	Dish	Commscope	FFVV-65B-R2	600/1900/2000/2100	000	40645	150
14	Dish	Commscope	FFVV-65B-R2	600/1900/2000/2100	120	40645	150
15	Dish	Commscope	FFVV-65B-R2	600/1900/2000/2100	240	40645	150
16	Dish	Commscope	VHLP2-11	11000	284	753460	150

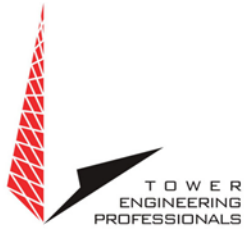
Appendix 3.1 MPE Limit Study



Maximum Power Density (@30'):	0.0010 mW/cm ²
General Population MPE (@30'):	0.1594%
Occupational MPE (@30'):	0.0319%

Appendix 3.2 MPE Limit Study





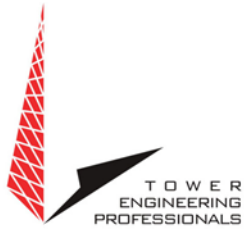
Appendix 4 Information Pertaining to MPE Studies

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.

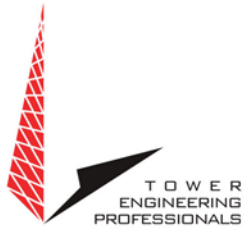
The FCC exposure limits are also based on data showing that the human body absorbs RF energy at some frequencies more efficiently than at others. The most restrictive limits occur in the frequency range of 30-300 MHz where whole-body absorption of RF energy by human beings is most efficient. At other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

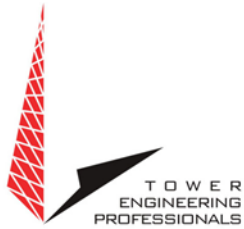
Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3 - 1.34	614	1.63	100*	30
1.34 - 30	824/f	2.19/f	180/F ²	30
30 -300	27.5	0.073	0.2	30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

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

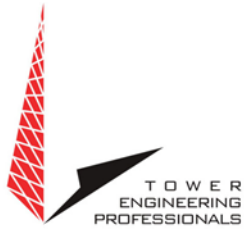
Where:

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

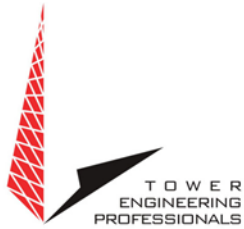
θ_{BW} = Beam width of antenna in degrees (3 dB half-power point)

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. 397 - Cellco Partnership d/b/a Verizon Wireless } Connecticut
application for a Certificate of Environmental Compatibility and }
Public need for the construction, maintenance and operation of a } Siting
telecommunications facility at 445 Prospect Street, Woodstock, } Council
Connecticut. }

August 26, 2010

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, maintenance, and operation of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Cellco Partnership d/b/a Verizon Wireless, hereinafter referred to as the Certificate Holder, for a telecommunications facility at Alternate Site B located at 445 Prospect Street, Woodstock, Connecticut. The Council denies certification of the Original Site and Alternate Site A also located at 445 Prospect Street, Woodstock, Connecticut.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of Verizon Wireless and other entities, both public and private, but such tower shall not exceed a height of 160 feet above ground level.
2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Woodstock for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
 - a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line, and landscaping; and
 - b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.
3. Prior to the commencement of operation, the Certificate Holder shall provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

4. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
6. The Certificate Holder shall provide reasonable space on the tower for no compensation for any Town of Woodstock public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.
7. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed with at least one fully operational wireless telecommunications carrier providing wireless service within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, this Certificate shall expire, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Certificate Holder shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.
8. Any request for extension of the time period referred to in Condition 7 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Woodstock. Any proposed modifications to this Decision and Order shall likewise be so served.
10. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.
11. Any nonfunctioning antenna, and associated antenna mounting equipment, on this facility shall be removed within 60 days of the date the antenna ceased to function.
12. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction, and the commencement of site operation.
13. The Certificate Holder shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v.

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

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

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

The parties and intervenors to this proceeding are:

Applicant

Cellco Partnership d/b/a
Verizon Wireless

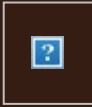
Its Representative

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

EXHIBIT 7



From: [UPS](#)
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CENTERLINE SITE ACQUISITION

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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:	14519440

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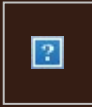
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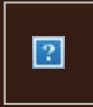
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Delivery Time: 3:16 PM

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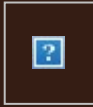
Tracking Number:	1Z9Y45030329708311
Ship To:	RICH FREDERICK 445 PROSPECT STREET WOODSTOCK, CT 062811417 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519440

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CENTERLINE SITE ACQUISITION

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Ship To:	MIKE DAMATO 415 ROUTE 169 WOODSTOCK TOWN HALL WOODSTOCK, CT 062813039 US
Number of Packages:	1
UPS Service:	UPS Ground
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Reference Number:	14519440

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