CROWN CASTLE

1 Cityplace Dr, Suite 490
Creve Coeur, MO 63141

Phone: (314) 513-0147
www.crowncastle.com

October 12, 2021

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

RE: **Notice of Exempt Modification for Verizon**
Crown Site ID# 876370; Verizon Site ID# 467302
41 Beckwith Rd. MONTVILLE, CT 06370
Latitude: 41.435472 / Longitude: -72.220833

Ms. Bachman:

Verizon currently maintains twelve (12) antennas at the 167-foot mount on the existing 180-foot Monopole Tower located at 41 Beckwith Rd. Montville, CT. The property is owned by Bond Gladys J Trustee and the Tower by Crown Castle. Verizon now intends to add three (3) existing antennas. This modification/proposal includes hardware that is both 4G(LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Planned Modifications:
Tower:

Remove and Replace:

(3) Nokia UHIE B66A RRH 4X45 Radios **(REMOVE) -** (3) Samsung RF4439D-25A Radios Radios **(REPLACE)**

(3) Nokia UHFA B25 RRH 4X30 Radios **(REMOVE) -** (3) Samsung RF4440D-13A Radios **(REPLACE)**

Remove:
(3) Nokia AHCA Airscale RRH 4T4R B5 160W Radios
(3) Nokia UHBA B13 RRH 4x30 Radios

Install New:
(3) Samsung MT6407-77A Antennas
(3) CBC78T-DS-43-2X Diplexers

Ground: No Change

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The facility was approved by Montville Planning and Zoning Commission by way of a Special Permit on May 9, 2000.

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 Ronald K. McDaniel, Mayor of the Town of Montville and Liz Burdick Town Planner for the Town of Montville. A copy will also be sent to the property owner.

1. The proposed modifications will not result in an increase in the height of the existing tower.

2. The proposed modifications will not require the extension of the site boundary.

3. The proposed modification 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 replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication 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.

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

Sincerely,

Colin Robinson

Colin Robinson
Project Manager
NETWORK BUILDING + CONSULTING
100 Apollo Drive Suite 303
Chelmsford, MA 01824
crobinson@nbcllc.com
(360) 561-3311

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cc:

Ronald K. McDaniel, Mayor *(Via Federal Express)*
Montville Town Hall, 2nd Floor
310 Norwich-New London Tpke.
Uncasville, CT 06382
860.848.6778

Liz Burdick Town Planner *(Via Federal Express)*
Montville Town Hall
310 Norwich-New London Turnpike
Uncasville, CT 06382
(860) 848.6779

Bond Gladys J Trustee *(Via Federal Express)*
41 Beckwith Rd
Oakdale, CT 06370

Colin Robinson

From: TrackingUpdates@fedex.com
Sent: Wednesday, October 13, 2021 11:35 AM
To: Colin Robinson
Subject: FedEx Shipment 774952300814: Your package has been delivered

Hi. Your package was delivered Wed, 10/13/2021 at 11:32am.

Delivered to 41 BECKWITH RD, OAKDALE, CT 06370

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER	774952300814
FROM	NB+C 100 Apollo Dr. Suite 303 CHELMSFORD, MA, US, 01824
TO	Bond Gladys J Trustee 41 Beckwith Rd OAKDALE, CT, US, 06370

REFERENCE	100788 876370 MONTVILLE CT
SHIPPER REFERENCE	100788 876370 MONTVILLE CT
SHIP DATE	Tue 10/12/2021 06:15 PM
DELIVERED TO	Residence
PACKAGING TYPE	FedEx Envelope
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	OAKDALE, CT, US, 06370
SPECIAL HANDLING	Deliver Weekday Residential Delivery
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Priority Overnight

Colin Robinson

From: TrackingUpdates@fedex.com
Sent: Wednesday, October 13, 2021 10:13 AM
To: Colin Robinson
Subject: FedEx Shipment 774952151794: Your package has been delivered

Hi. Your package was delivered Wed, 10/13/2021 at 10:11am.

Delivered to 310 NORWICH NEW LONDON TP, UNCASVILLE, CT 06382
Received by R.MCDANIEL

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER 774952151794

FROM
NB+C
100 Apollo Dr.
Suite 303
CHELMSFORD, MA, US, 01824

TO
Mayor
Ronald K. McDaniel

	310 Norwich-New London Tpke Montville Town Hall, 2nd Floor UNCASVILLE, CT, US, 06382
REFERENCE	100788 876370 Montville CT
SHIPPER REFERENCE	100788 876370 Montville CT
SHIP DATE	Tue 10/12/2021 06:15 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	UNCASVILLE, CT, US, 06382
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Priority Overnight

Colin Robinson

From: TrackingUpdates@fedex.com
Sent: Wednesday, October 13, 2021 10:12 AM
To: Colin Robinson
Subject: FedEx Shipment 774952205011: Your package has been delivered

Hi. Your package was delivered Wed, 10/13/2021 at 10:10am.

Delivered to 310 NORWICH NEW LONDON TP, UNCASVILLE, CT 06382
Received by L.IZ BURDICK

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER 774952205011

FROM
NB+C
100 Apollo Dr.
Suite 303
CHELMSFORD, MA, US, 01824

TO
Montville Town Hall
Liz Burdick Town Planner

	310 Norwich-New London Turnpike UNCASVILLE, CT, US, 06382
REFERENCE	100788 876370 MONTVILLE CT
SHIPPER REFERENCE	100788 876370 MONTVILLE CT
SHIP DATE	Tue 10/12/2021 08:08 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	UNCASVILLE, CT, US, 06382
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Priority Overnight

Exhibit A

Original Facility Approval

E. mailed
May 10, '00
MC

L E G A L N O T I C E

The Montville Planning and Zoning Commission at its meeting held on, May 9, 2000, took the following action:

Sprint PCS/Bond: An application for a special permit for telecommunucations tower located on the property located at 41 Beckwith Road, Montville, Ct. Shown on Assessor's Map 12, Lot 1. GRANTED with CONDITIONS.

Maps and documentation concerning the above applications are on file in the office of the Town Planner and Town Clerk, Town Hall Annex and Town Hall, respectively, Montville, Ct.

Dated at Montville, Ct. this 10th day of May, 2000.

MONTVILLE PLANNING AND ZONING COMMISSION

Gregory Majewski, Chairman

PUBLISH IN THE NEW LONDON DAY MAY ~~11~~ 12, 2000

PLEASE REFERENCE PURCHASE ORDER 6100 I 1 ON INVOICE.

Note must be 48 hours in advance - per Judy @ the Day.

TEL: 848-8549
FAX: 848-2354

TOWN OF MONTVILLE
PLANNING & ZONING COMMISSION

310 NORWICH-NEW LONDON TPKE.
UNCASVILLE, CONNECTICUT 06382-2599

CERTIFICATE OF NOTICE OF DECISION

APPROVAL: APPROVED W/CONDITIONS

LOCATION/DESCRIPTION: 41 BECKWITH ROAD

NATURE OF PROJECT: TELECOMMUNICATIONS TOWER

APPLICABLE ZONING REGULATION: REGULATION

OWNER OF RECORD: SPRINT PCS/BOND

PLANNING DIRECTOR

CLERICAL ASSISTANT

REMARKS:

Received for Record SEP 0 6 2000
At 11 h 58 m A. M. and recorded by
Town Clerk

Received for Record SEP 0 6 2000
at 11:58 o'clock AM noon
and recorded in MONTVILLE Land Records
Vol. 342, page 291 by
Brian Gilmore
TOWN CLERK

3147

AFTER RECORDING, PLEASE RETURN TO:
Thomas J. Regan, Esquire
Brown Rudnick Freed & Gesmer
185 Asylum Street, 38th Floor
Hartford, CT 06103-3402

Exhibit B

Property Card

Property Card: **41 BECKWITH RD**

Town of Montville, CT

Parcel Information

Location:	41 BECKWITH RD	Property Use:	Residential	Primary Use:	Residential
Unique ID:	B0046400	Map Block Lot:	012-001-000	Acres:	226
		Zone:	WRP	Volume / Page:	0606/0806
		Sale Date:	06/29/2015	Sale Price:	$0

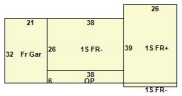
Value Information

	Appraised Value	Assessed Value
Land	802030	307670
Buildings	172740	120920
Detached Outbuildings	185590	129910
Total	1160360	558500

Owner's Information

Owner's Data
BOND GLADYS J TRUSTEE 41 BECKWITH RD OAKDALE, CT 06370

Building 1



Category:	Residential	Siding:	Aluminum Siding	Total Rooms:	6
Stories:	1.00	Fuel:	Oil	Beds/Units:	3
GLA:	2054	Heating:	Forced Hot Air	Baths:	2
Year Built:	1963	Fireplace:	2		
Class:	C+	Cooling Percent:	None	Half Baths:	1
Use:	Single Family	Floors:	Hardwood	Basement Garage:	0
Construction Style:	Split Level	Roof Material:	Asphalt	Finished Basement:	700

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 467302
VERIZON SITE NAME: CHESTERFIELD CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 180'-0"

BUSINESS UNIT #: 876370
SITE ADDRESS: 41 BECKWITH RD. MONTVILLE, CT 06370
COUNTY: NEW LONDON
JURISDICTION: CONNECTICUT SITING COUNCIL

VERIZON 5G L-SUB6 - CARRIER ADD 16272130

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	MAYBROOK / BOND
SITE ADDRESS:	41 BECKWITH RD. MONTVILLE, CT 06370
COUNTY:	NEW LONDON
MAP/PARCEL #:	86-012/001-000
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41.435472°
LONGITUDE:	-72.220833°
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	257'-0"
CURRENT ZONING:	WRP-160
JURISDICTION:	CONNECTICUT SITING COUNCIL
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	BOND GLADYS J TRUSTEE 41 BECKWITH RD MONTVILLE, CT 06370
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492
ELECTRIC PROVIDER:	NOT PROVIDED
TELCO PROVIDER:	NOT PROVIDED

PROJECT TEAM

A&E FIRM:	B+T GROUP 1717 S. BOULDER AVE. TULSA, OK 74119 MARVIN PHILLIPS marvin.phillips@btgrp.com
CROWN CASTLE USA INC. DISTRICT CONTACTS:	1505 WESTLAKE AVENUE NORTH, SUITE 800 SEATTLE, WA 98109 N/A - PROJECT MANAGER N/A - CONSTRUCTION MANAGER
VERIZON CONTACT:	ANDREW LEONE ALEONE@STRUCTURECONSULTING.NET

DRAWING INDEX

SHEET #	SHEET DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES
C-1	SITE PLAN
C-2	TOWER ELEVATION & ANTENNA PLANS
C-3	EQUIPMENT SCHEDULES
C-4	EQUIPMENT DETAILS
C-5	EQUIPMENT DETAILS
C-6	PLUMBING DIAGRAM
G-1	GROUNDING DETAILS
G-2	GROUNDING DETAILS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 22X34. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

APPROVALS

SIGNATURE	DATE

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT	https://pmi.vxwsmart.com
SMART TOOL VENDOR PROJECT NUMBER	10046595
VzW LOCATION CODE (PSLC)	467302

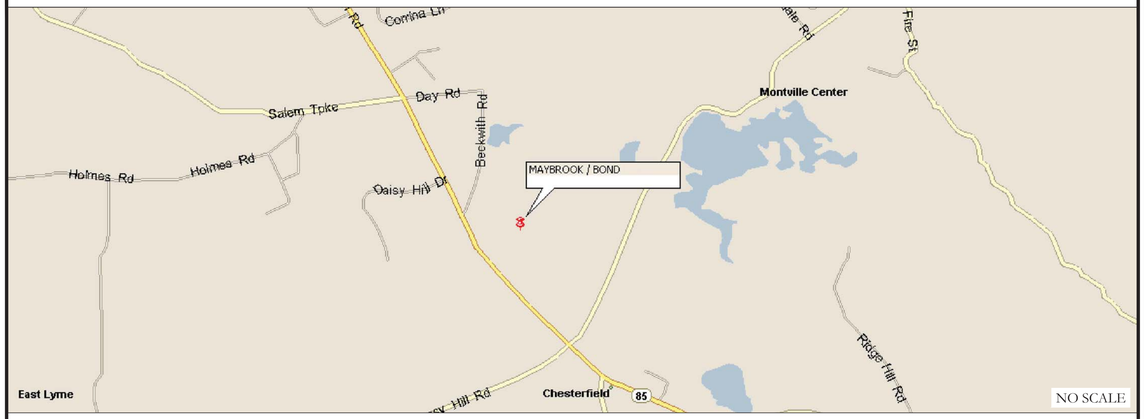
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	N

VzW APPROVED SMART KIT VENDORS

REFER TO MOUNT MODIFICATION DRAWINGS PAGE FOR VzW SMART KIT APPROVED VENDORS

LOCATION MAP



DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (220 CT-12 STE 4, GROTON, CT 06340, US)
HEAD WEST TOWARD CT-12 S, TURN LEFT ONTO CT-12 S, SLIGHT RIGHT TO MERGE WITH I-95 S/US-1 S TOWARD NEW LONDON, TAKE EXIT 82 FOR CT-85/BROAD ST TOWARD WATERFORD, USE THE RIGHT 2 LANES TO TURN RIGHT ONTO CT-85 N.

APPLICABLE CODES/REFERENCE DOCUMENTS

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

CODE TYPE	CODE
BUILDING	2015 IBC
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	B+T GROUP
DATED:	8/17/21
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	8/6/21
RFDS REVISION:	0
DATED:	7/27/21
ORDER ID:	583756
REVISION:	1

CALL CONNECTICUT ONE CALL
(800) 922-4455 CBYD.COM
CALL 2 WORKING DAYS BEFORE YOU DIG!

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY.

TOWER SCOPE OF WORK:
- REMOVE (12) RADIOs
- INSTALL (3) ANTENNAS
- INSTALL (6) RADIOs
- INSTALL (3) DIPLEXERs

NOTE:
PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN NOC AT (800) 788-7011 & CROWN CONSTRUCTION MANAGER

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

B+T GRP
1717 S. BOULDER
SUITE 300
TULSA, OK 74119
PH: (918) 587-4630
www.btgrp.com

VERIZON SITE NUMBER:
467302

BU #: **876370**
MAYBROOK / BOND

41 BECKWITH RD.
MONTVILLE, CT 06370

EXISTING 180'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/15/21	JJR	CONSTRUCTION	JJR

STATE OF CONNECTICUT
No. 23024
LICENSED
PROFESSIONAL ENGINEER
9/15/21

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/22

SHEET NUMBER: T-1

REVISION: 0

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

1. NOTICE TO PROCEED– NO WORK SHALL COMMENCE PRIOR TO CROWN CASTLE USA INC. WRITTEN NOTICE TO PROCEED (NTP) AND THE ISSUANCE OF A PURCHASE ORDER. PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN CASTLE USA INC. NOC AT 800–788–7011 & THE CROWN CASTLE USA INC. CONSTRUCTION MANAGER.
2. "LOOK UP" – CROWN CASTLE USA INC. SAFETY CLIMB REQUIREMENT:
   THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION. TOWER MODIFICATION, MOUNT REINFORCEMENTS, AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMISE THE INTEGRITY OR FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY ON THE STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: PINCHING OF THE WIRE ROPE, BENDING OF THE WIRE ROPE FROM ITS SUPPORTS, DIRECT CONTACT OR CLOSE PROXIMITY TO THE WIRE ROPE WHICH MAY CAUSE FRICTIONAL WEAR, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY, OR TO IMPEDE/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY CLIMB, INCLUDING EXISTING CONDITIONS MUST BE TAGGED OUT AND REPORTED TO YOUR CROWN CASTLE USA INC. POC OR CALL THE NOC TO GENERATE A SAFETY CLIMB MAINTENANCE AND CONTRACTOR NOTICE TICKET.
3. PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED JURISDICTIONAL PERMITS SHALL BE OBTAINED. THIS INCLUDES, BUT IS NOT LIMITED TO, BUILDING, ELECTRICAL, MECHANICAL, FIRE, FLOOD ZONE, ENVIRONMENTAL, AND ZONING. AFTER ONSITE ACTIVITIES AND CONSTRUCTION ARE COMPLETED, ALL REQUIRED PERMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL REQUIREMENTS.
4. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN, AND SHALL MEET ANSI/ASSE A10.48 (LATEST EDITION); FEDERAL, STATE, AND LOCAL REGULATIONS; AND ANY APPLICABLE INDUSTRY CONSENSUS STANDARDS RELATED TO THE CONSTRUCTION ACTIVITIES BEING PERFORMED. ALL RIGGING PLANS SHALL ADHERE TO ANSI/ASSE A10.48 (LATEST EDITION) AND CROWN CASTLE USA INC. STANDARD CED–STD–10253, INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION, TO CERTIFY THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA–322 (LATEST EDITION).
5. ALL SITE WORK TO COMPLY WITH QAS–STD–10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE," CED–STD–10294 "STANDARD FOR INSTALLATION OF MOUNTS AND APPURTENANCES," AND LATEST VERSION OF ANSI/TIA–1019–A–2012 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS."
6. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY CROWN CASTLE USA INC. PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
8. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
9. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
10. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING AND EXCAVATION E) CONSTRUCTION SAFETY PROCEDURES.
11. ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS, LATEST APPROVED REVISION.
12. CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH AT THE COMPLETION OF THE WORK. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
13. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF CONTRACTOR, TOWER OWNER, CROWN CASTLE USA INC., AND/OR LOCAL UTILITIES.
14. THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE REQUIRED BY LOCAL JURISDICTION AND SIGNAGE REQUIRED ON INDIVIDUAL PIECES OF EQUIPMENT, ROOMS, AND SHELTERS.
15. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT AND TOWER AREAS.
16. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
17. THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED ON THE CONSTRUCTION DRAWINGS AND/OR PROJECT SPECIFICATIONS.
18. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
19. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
20. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
21. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.
22. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

GENERAL NOTES:

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:
   CONTRACTOR: GENERAL CONTRACTOR RESPONSIBLE FOR CONSTRUCTION
   CARRIER: VERIZON
   TOWER OWNER: CROWN CASTLE USA INC.
2. THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE ENGINEERS IN THIS OR SIMILAR LOCALITIES. IT IS ASSUMED THAT THE WORK DEPICTED WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKPEOPLE WHO HAVE A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND OF INDUSTRY ACCEPTED STANDARD GOOD PRACTICE. AS NOT EVERY CONDITION OR ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.
3. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY FOR PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, FORMWORK, SHORING, ETC. SITE VISITS BY THE ENGINEER OR HIS REPRESENTATIVE WILL NOT INCLUDE INSPECTION OF THESE ITEMS AND IS FOR STRUCTURAL OBSERVATION OF THE FINISHED STRUCTURE ONLY.
4. NOTES AND DETAILS IN THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE GREATER, MORE STRICT REQUIREMENTS, SHALL GOVERN. IF FURTHER CLARIFICATION IS REQUIRED CONTACT THE ENGINEER OF RECORD.
5. SUBSTANTIAL EFFORT HAS BEEN MADE TO PROVIDE ACCURATE DIMENSIONS AND MEASUREMENTS ON THE DRAWINGS TO ASSIST IN THE FABRICATION AND/OR PLACEMENT OF CONSTRUCTION ELEMENTS BUT IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE DIMENSIONS, MEASUREMENTS, AND/OR CLEARANCES SHOWN IN THE CONSTRUCTION DRAWINGS PRIOR TO FABRICATION OR CUTTING OF ANY NEW OR EXISTING CONSTRUCTION ELEMENTS. IF IT IS DETERMINED THAT THERE ARE DISCREPANCIES AND/OR CONFLICTS WITH THE CONSTRUCTION DRAWINGS THE ENGINEER OF RECORD IS TO BE NOTIFIED AS SOON AS POSSIBLE.
6. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CROWN CASTLE.
7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
8. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
9. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
10. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CARRIER AND CROWN CASTLE PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
11. CONTRACTOR IS TO PERFORM A SITE INVESTIGATION AND IS TO DETERMINE THE BEST ROUTING OF ALL CONDUITS FOR POWER, AND TELCO AND FOR GROUNDING CABLES AS SHOWN IN THE POWER, TELCO, AND GROUNDING PLAN DRAWINGS.
12. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF CROWN CASTLE USA INC.
13. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
14. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST–IN–PLACE CONCRETE.
2. UNLESS NOTED OTHERWISE, SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED TO BE 1000 psf.
3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3000 psi AT 28 DAYS, UNLESS NOTED OTHERWISE. NO MORE THAN 90 MINUTES SHALL ELAPSE FROM BATCH TIME TO TIME OF PLACEMENT UNLESS APPROVED BY THE ENGINEER OF RECORD. TEMPERATURE OF CONCRETE SHALL NOT EXCEED 90°f AT TIME OF PLACEMENT.
4. CONCRETE EXPOSED TO FREEZE–THAW CYCLES SHALL CONTAIN AIR ENTRAINING ADMIXTURES. AMOUNT OF AIR ENTRAINMENT TO BE BASED ON SIZE OF AGGREGATE AND F3 CLASS EXPOSURE (VERY SEVERE). CEMENT USED TO BE TYPE II PORTLAND CEMENT WITH A MAXIMUM WATER–TO–CEMENT RATIO (W/C) OF 0.45.
5. ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185. ALL SPLICES SHALL BE CLASS "B" TENSION SPLICES, UNLESS NOTED OTHERWISE. ALL HOOKS SHALL BE STANDARD 90 DEGREE HOOKS, UNLESS NOTED OTHERWISE. YIELD STRENGTH (Fy) OF STANDARD DEFORMED BARS ARE AS FOLLOWS:
   #4 BARS AND SMALLER........40 ksi
   #5 BARS AND LARGER........60 ksi
6. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:
   CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH........3"
   CONCRETE EXPOSED TO EARTH OR WEATHER:
   #6 BARS AND LARGER........2"
   #5 BARS AND SMALLER........1–1/2"
   CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
   SLAB AND WALLS........3/4"
   BEAMS AND COLUMNS........1–1/2"
7. A TOOLED EDGE OR A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.

GREENFIELD GROUNDING NOTES:

1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GES'S) SHALL BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
2. THE CONTRACTOR SHALL PERFORM IEEE FALL–OF–POTENTAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS, THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT AND PROVIDE TESTING RESULTS.
4. METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
5. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
6. EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 STRANDED COPPER OR LARGER FOR INDOOR BTS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR BTS.
7. CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED BACK TO BACK CONNECTIONS ON OPPOSITE SIDE OF THE GROUND BUS ARE PERMITTED.
8. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
9. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
10. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED.
11. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
12. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
13. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
14. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.
15. APPROVED ANTIOXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
16. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
17. MISCELLANEOUS ELECTRICAL AND NON–ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
18. BOND ALL METALLIC OBJECTS WITHIN 6 ft OF MAIN GROUND RING WITH (1) #2 BARE SOLID TINNED COPPER GROUND CONDUCTOR.
19. GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON–METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (i.e., NONMETALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.
20. ALL GROUNDS THAT TRANSITION FROM BELOW GRADE TO ABOVE GRADE MUST BE #2 BARE SOLID TINNED COPPER IN 3/4" NON–METALLIC, FLEXIBLE CONDUIT FROM 24" BELOW GRADE TO WITHIN 3" TO 6" OF CAD–WELD TERMINATION POINT. THE EXPOSED END OF THE CONDUIT MUST BE SEALED WITH SILICONE CAULK. (ADD TRANSITIONING GROUND STANDARD DETAIL AS WELL).
21. BUILDINGS WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO GRADE, THE CONTRACTOR SHALL ROUTE TWO GROUNDING CONDUCTORS FROM THE ROOFTOP, TOWERS, AND WATER TOWERS GROUNDING RING, TO THE EXISTING GROUNDING SYSTEM, THE GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN 2/0 COPPER. ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLUMNS, LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY).

ELECTRICAL INSTALLATION NOTES:

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES/ORDINANCES.
2. CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED AND TRIP HAZARDS ARE ELIMINATED.
3. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.
4. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
   4.1. ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE NATIONAL ELECTRICAL CODE.
   4.2. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT RATING THAT SHALL BE GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 22,000 AIC MINIMUM. VERYIFY AVAILABLE SHORT CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ARTICLE 110.24 NEC OR THE MOST CURRENT ADOPTED CODE PRE THE GOVERNING JURISDICTION.
5. EACH END OF EVERY POWER PHASE CONDUCTOR, GROUNDING CONDUCTOR, AND TELCO CONDUCTOR OR CABLE SHALL BE LABELED WITH COLOR–CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2" PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC AND OSHA.
6. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH LAMICOID TAGS SHOWING THEIR RATED VOLTAGE, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING AND BRANCH CIRCUIT ID NUMBERS (i.e. PANEL BOARD AND CIRCUIT ID'S).
7. PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS.
8. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
9. ALL POWER AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE COPPER CONDUCTOR (#14 OR LARGER) WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
10. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE COPPER CONDUCTOR (#6 OR LARGER) WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
11. POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI–CONDUCTOR, TYPE SOOW CORD (#14 OR LARGER) UNLESS OTHERWISE SPECIFIED.
12. POWER AND CONTROL WIRING FOR USE IN CABLE TRAY SHALL BE MULTI–CONDUCTOR, TYPE TC CABLE (#14 OR LARGER), WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
13. ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP–STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRE NUTS SHALL BE RATED FOR OPERATION NOT LESS THAN 75° C (90° C IF AVAILABLE).
14. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND NEC.
15. ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
16. ELECTRICAL METALLIC TUBING (EMT) OR METAL–CLAD CABLE (MC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
17. SCHEDULE 40 PVC UNDERGROUND ON STRAIGHTS AND SCHEDULE 80 PVC FOR ALL ELBOWS/90s AND ALL APPROVED ABOVE GRADE PVC CONDUIT.
18. LIQUID–TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID–TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
19. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION–TYPE AND APPROVED FOR THE LOCATION USED. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
20. CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND THE NEC.
21. WIREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS (WIREMOLD SPECMATE WIREWAY).
22. SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).
23. CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON–PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES (i.e. POWDER–ACTUATED) FOR ATTACHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MAINTAIN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS IN TIGHT ENVELOPES. CHANGES IN DIRECTION TO ROUTE AROUND OBSTACLES SHALL BE MADE WITH CONDUIT OUTLET BODIES. CONDUIT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. PARALLEL AND PERPENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE FISHED TO CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE TEMPORARILY CAPPED FLUSH TO FINISH GRADE TO PREVENT CONCRETE, PLASTER OR DIRT FROM ENTERING. CONDUITS SHALL BE RIGIDLY CLAMPED TO BOXES BY GALVANIZED MALLEABLE IRON BUSHING ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE AND INSIDE.
24. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY–COATED SHEET STEEL. SHALL MEET OR EXCEED UL 50 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND NEMA 3R (OR BETTER) FOR EXTERIOR LOCATIONS.
25. METAL RECEPTACLE, SWITCH AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY–COATED OR NON–CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
26. NONMETALLIC RECEPTACLE, SWITCH AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2 (NEWEST REVISION) AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
27. THE CONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CARRIER AND/OR CROWN CASTLE USA INC. BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
28. THE CONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD LIFE AND PROPERTY.
29. INSTALL LAMICOID LABEL ON THE METER CENTER TO SHOW "VERIZON".
30. ALL EMPTY/SPARE CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.

CONDUCTOR COLOR CODE

SYSTEM	CONDUCTOR	COLOR
120/240V, 1Ø	A PHASE	BLACK
	B PHASE	RED
	NEUTRAL	WHITE
	GROUND	GREEN
120/208V, 3Ø	A PHASE	BLACK
	B PHASE	RED
	C PHASE	BLUE
	NEUTRAL	WHITE
	GROUND	GREEN
277/480V, 3Ø	A PHASE	BROWN
	B PHASE	ORANGE OR PURPLE
	C PHASE	YELLOW
	NEUTRAL	GREY
	GROUND	GREEN
DC VOLTAGE	POS (+)	RED**
	NEG (–)	BLACK**

* SEE NEC 210.5(C)(1) AND (2)
** POLARITY MARKED AT TERMINATION

APWA UNIFORM COLOR CODE:

WHITE	PROPOSED EXCAVATION
PINK	TEMPORARY SURVEY MARKINGS
RED	ELECTRIC POWER LINES, CABLES, CONDUIT, AND LIGHTING CABLES
YELLOW	GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIALS
ORANGE	COMMUNICATION, ALARM OR SIGNAL LINES, CABLES, OR CONDUIT AND TRAFFIC LOOPS
BLUE	POTABLE WATER
PURPLE	RECLAIMED WATER, IRRIGATION, AND SLURRY LINES
GREEN	SEWERS AND DRAIN LINES

ABBREVIATIONS:

ANT	ANTENNA
(E)	EXISTING
FIF	FACILITY INTERFACE FRAME
GEN	GENERATOR
GPS	GLOBAL POSITIONING SYSTEM
GSM	GLOBAL SYSTEM FOR MOBILE
LTE	LONG TERM EVOLUTION
MGB	MASTER GROUND BAR
MW	MICROWAVE
(N)	NEW
NEC	NATIONAL ELECTRIC CODE
(P)	PROPOSED
PP	POWER PLANT
QTY	QUANTITY
RECT	RECTIFIER
RBS	RADIO BASE STATION
RET	REMOTE ELECTRIC TILT
RFDS	RADIO FREQUENCY DATA SHEET
RRH	REMOTE RADIO HEAD
RRU	REMOTE RADIO UNIT
SIAD	SMART INTEGRATED DEVICE
TMA	TOWER MOUNTED AMPLIFIER
TYP	TYPICAL
UMTS	UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM
W.P.	WORK POINT

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

B+T GRP
1717 S. BOULDER
SUITE 300
TULSA, OK 74119
PH: (918) 587-4630
www.btgrp.com

VERIZON SITE NUMBER:
467302

BU #: **876370**
MAYBROOK / BOND

41 BECKWITH RD.
MONTVILLE, CT 06370

EXISTING 180'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/15/21	JJR	CONSTRUCTION	JJR

STATE OF CONNECTICUT – CHAD TUTTLE – No. 23924 – LICENSED – PROFESSIONAL ENGINEER
9/15/21

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/22

SHEET NUMBER: **T-2**
REVISION: **0**

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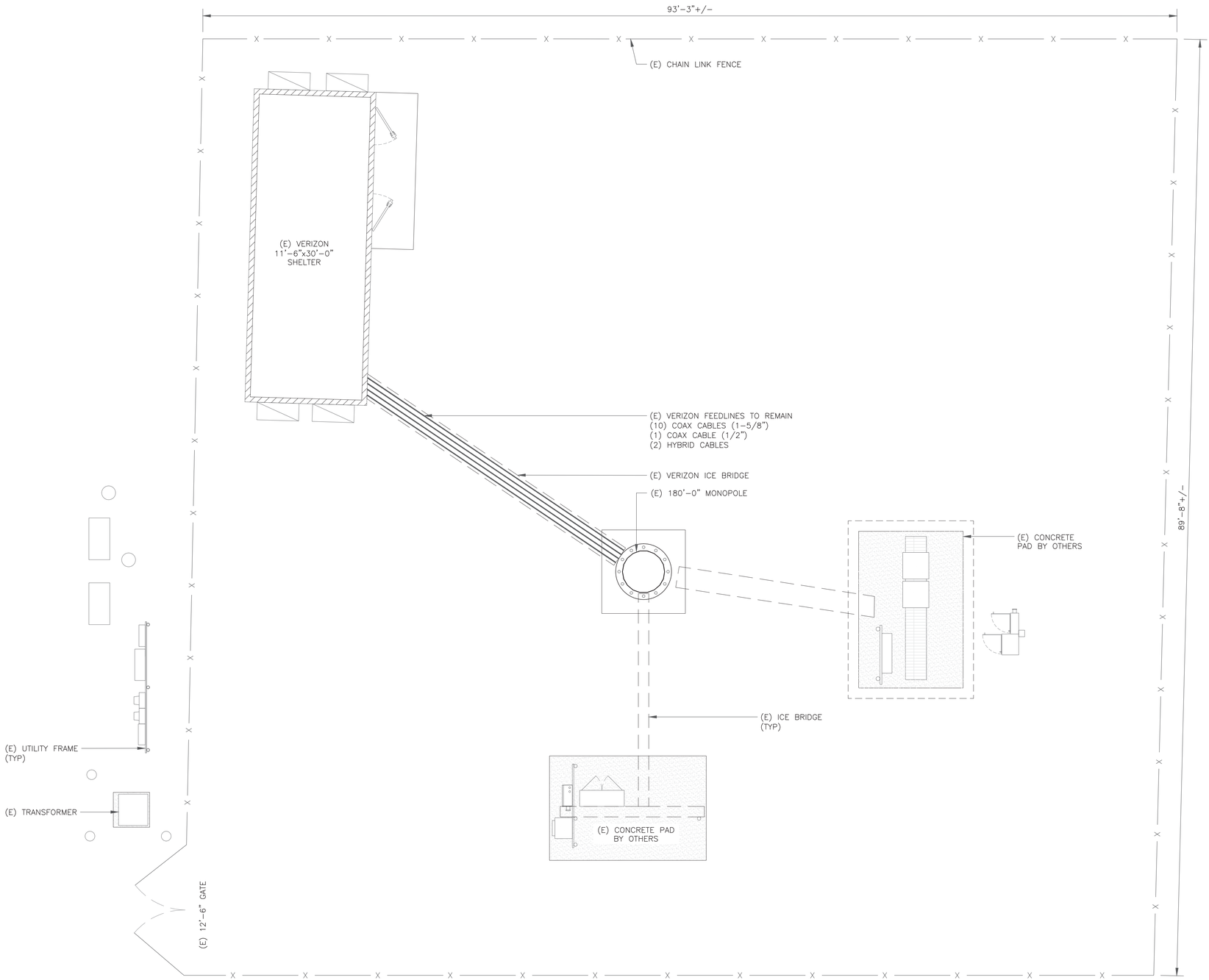

1 SITE PLAN
SCALE: 4' 2' 0 4' 3/16"=1'-0" (FULL SIZE) 3/32"=1'-0" (11x17)

N

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180 WASHINGTON VALLEY ROAD
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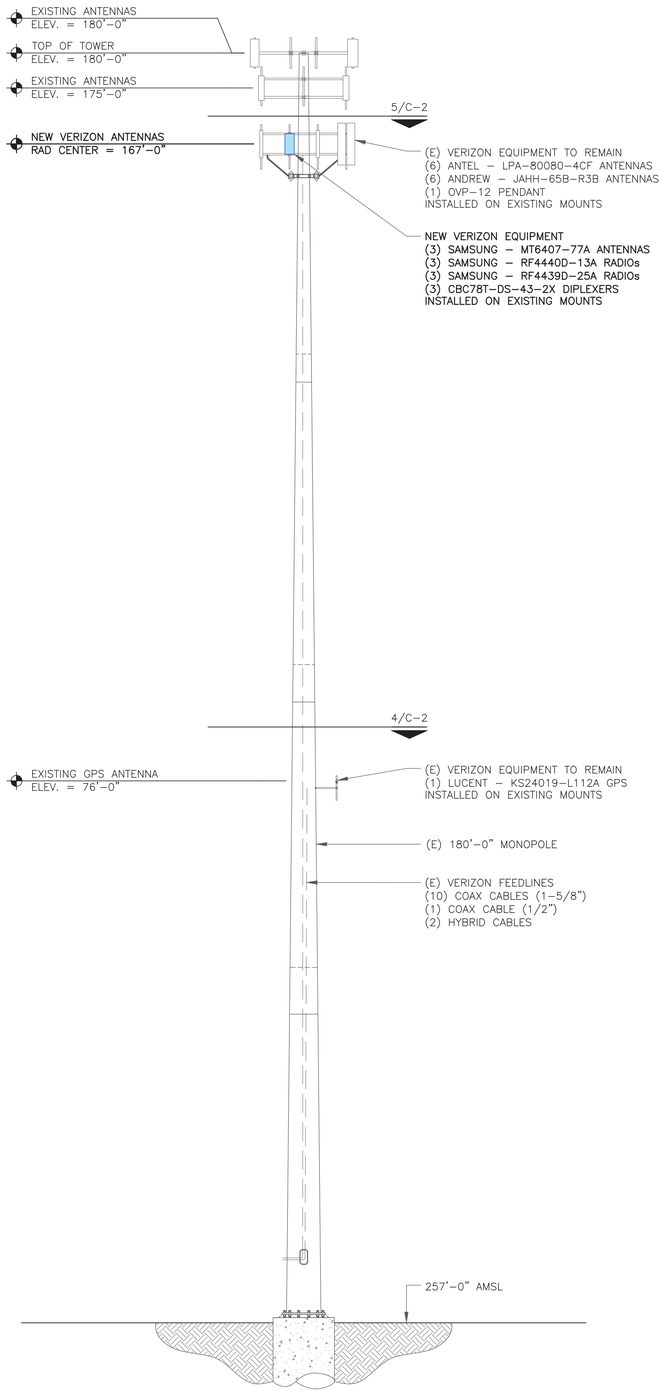
STATE OF CONNECTICUT
No. 23024
LICENSED
PROFESSIONAL ENGINEER
9/15/21

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/22

SHEET NUMBER: C-1

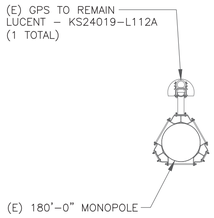
REVISION: 0

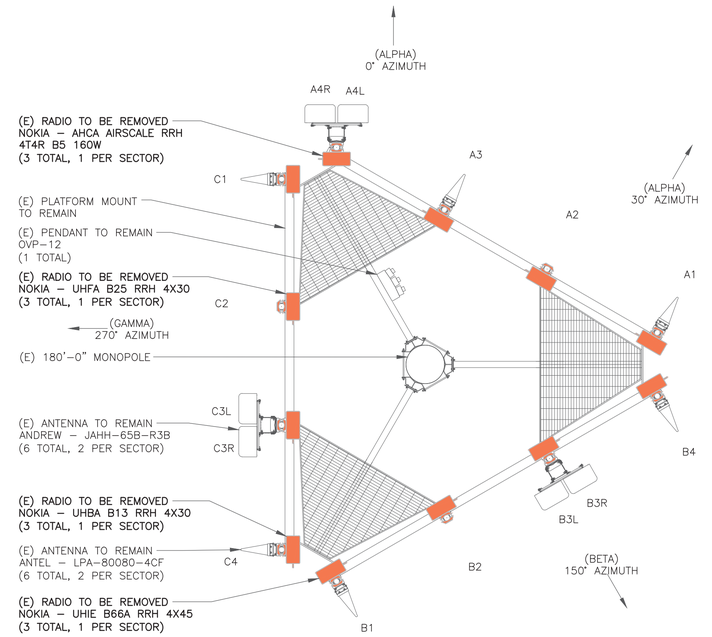


VERIZON EQUIPMENT

ANTENNA CL: 167'-0"
MOUNT CL: 167'-0"

1 TOWER ELEVATION
SCALE: NOT TO SCALE





2 EXISTING ANTENNA PLAN @ 76'-0"
SCALE: NOT TO SCALE

3 EXISTING ANTENNA PLAN @ 167'-0"
SCALE: NOT TO SCALE

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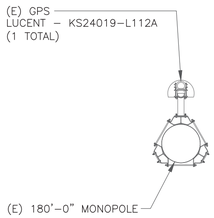

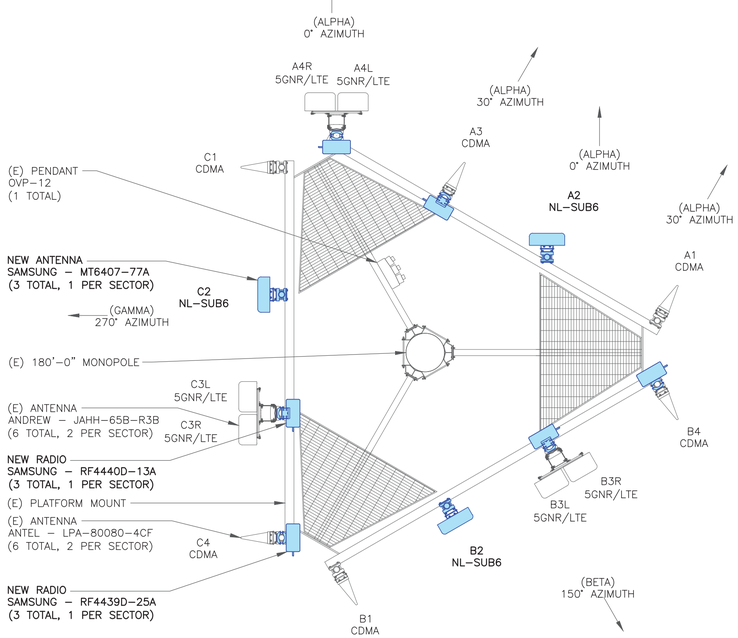

4 NEW ANTENNA PLAN @ 76'-0"
SCALE: NOT TO SCALE

5 NEW ANTENNA PLAN @ 167'-0"
SCALE: NOT TO SCALE

N

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PEC.0001564
Expires 2/10/22

SHEET NUMBER: C-2

REVISION: 0

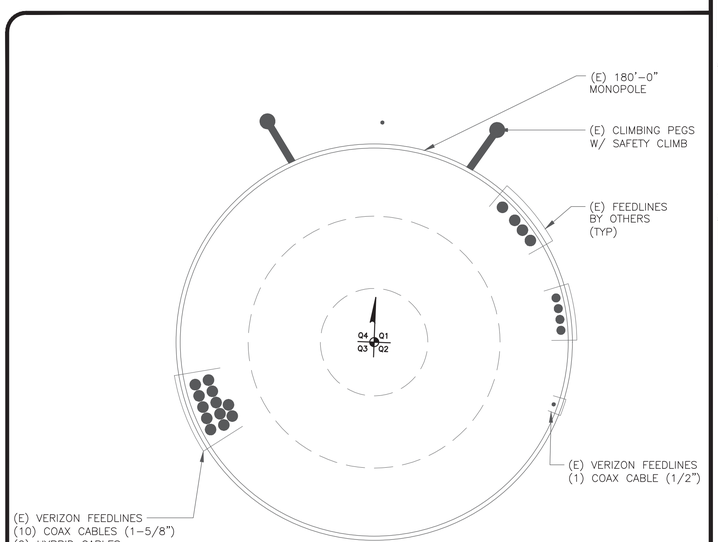
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANTEL	LPA-80080-4CF	167'-0"	30°	0°	0°	–	–
A2	**NEW**	**SAMSUNG**	**MT6407-77A**	**167'-0"**	**0°**	**0°**	**6°**	–	–
A3	EXISTING	ANTEL	LPA-80080-4CF	167'-0"	30°	0°	0°	SAMSUNG COMMSCOPE	(1) RF4440D-13A (1) CBC78T-DS-43-2X
A4L	EXISTING	ANDREW	JAHH-65B-R3B	167'-0"	0°	0°	2°/2°/2°/ 1°/1°	SAMSUNG	(1) RF4439D-25A
A4R	EXISTING	ANDREW	JAHH-65B-R3B	167'-0"	0°	0°	2°/2°/2°/ 1°/1°	–	(1) OVP-12
B1	EXISTING	ANTEL	LPA-80080-4CF	167'-0"	150°	0°	0°	–	–
B2	**NEW**	**SAMSUNG**	**MT6407-77A**	**167'-0"**	**150°**	**0°**	**6°**	–	–
B3L	EXISTING	ANDREW	JAHH-65B-R3B	167'-0"	150°	0°	2°/2°/2°/ 1°/1°	SAMSUNG COMMSCOPE	(1) RF4440D-13A (1) CBC78T-DS-43-2X
B3R	EXISTING	ANDREW	JAHH-65B-R3B	167'-0"	150°	0°	2°/2°/2°/ 1°/1°	SAMSUNG	(1) RF4439D-25A
B4	EXISTING	ANTEL	LPA-80080-4CF	167'-0"	150°	0°	0°	–	–
C1	EXISTING	ANTEL	LPA-80080-4CF	167'-0"	270°	0°	0°	–	–
C2	**NEW**	**SAMSUNG**	**MT6407-77A**	**167'-0"**	**270°**	**0°**	**6°**	–	–
C3L	EXISTING	ANDREW	JAHH-65B-R3B	167'-0"	270°	0°	2°/2°/2°/ 1°/1°	SAMSUNG COMMSCOPE	(1) RF4440D-13A (1) CBC78T-DS-43-2X
C3R	EXISTING	ANDREW	JAHH-65B-R3B	167'-0"	270°	0°	2°/2°/2°/ 1°/1°	SAMSUNG	(1) RF4439D-25A
C4	EXISTING	ANTEL	LPA-80080-4CF	167'-0"	270°	0°	0°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	217'-0"±	10
EXISTING	COAX	1/2"	126'-0"±	1
EXISTING	HYBRID	6X12	217'-0"±	2
TOTAL CABLE QTY:				13



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

N

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SUITE 300
TULSA, OK 74119
PH: (918) 587-4630
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VERIZON SITE NUMBER:
467302

BU #: **876370**
MAYBROOK / BOND

41 BECKWITH RD.
MONTVILLE, CT 06370

EXISTING 180'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/15/21	JJR	CONSTRUCTION	JJR

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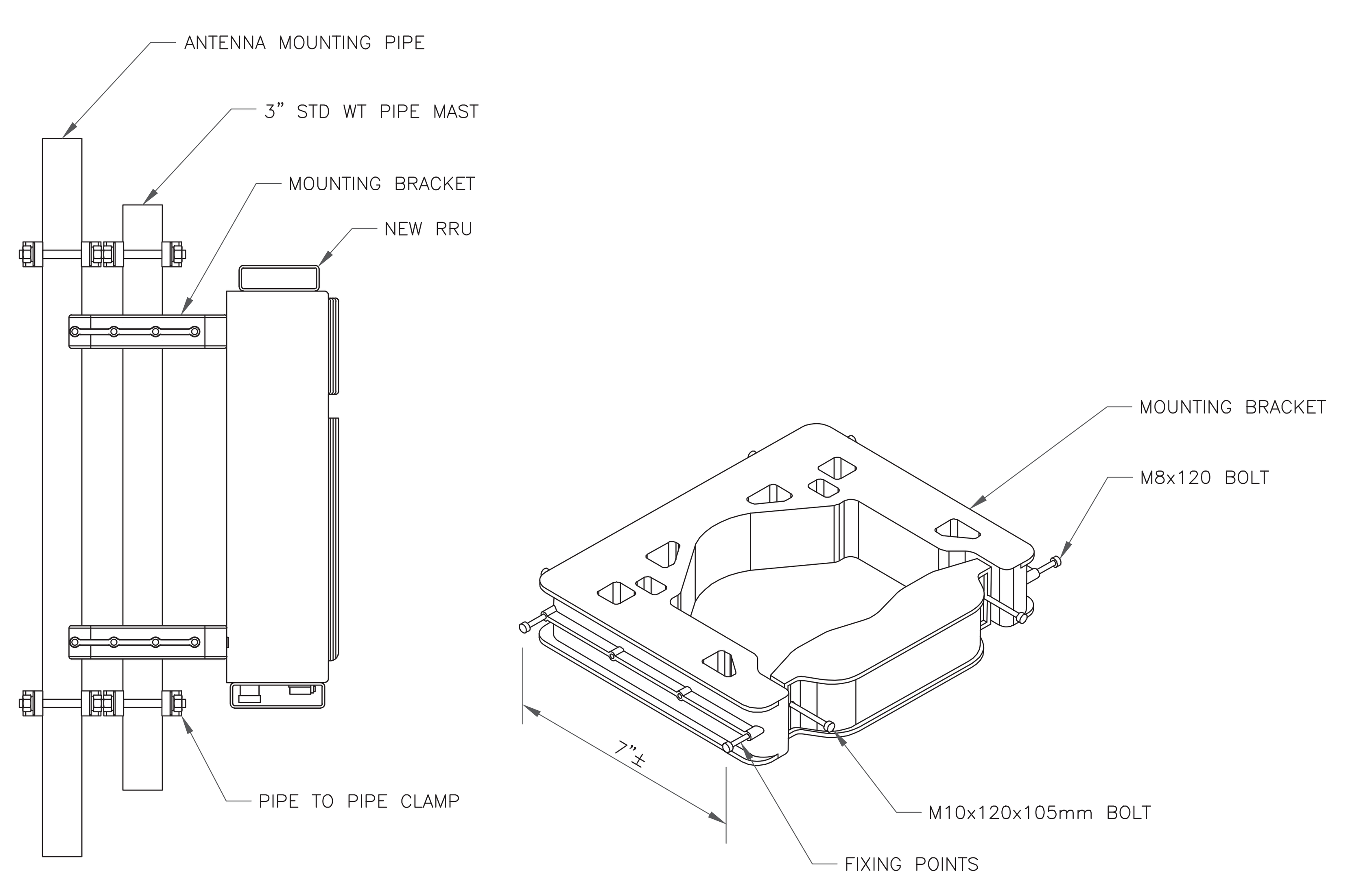
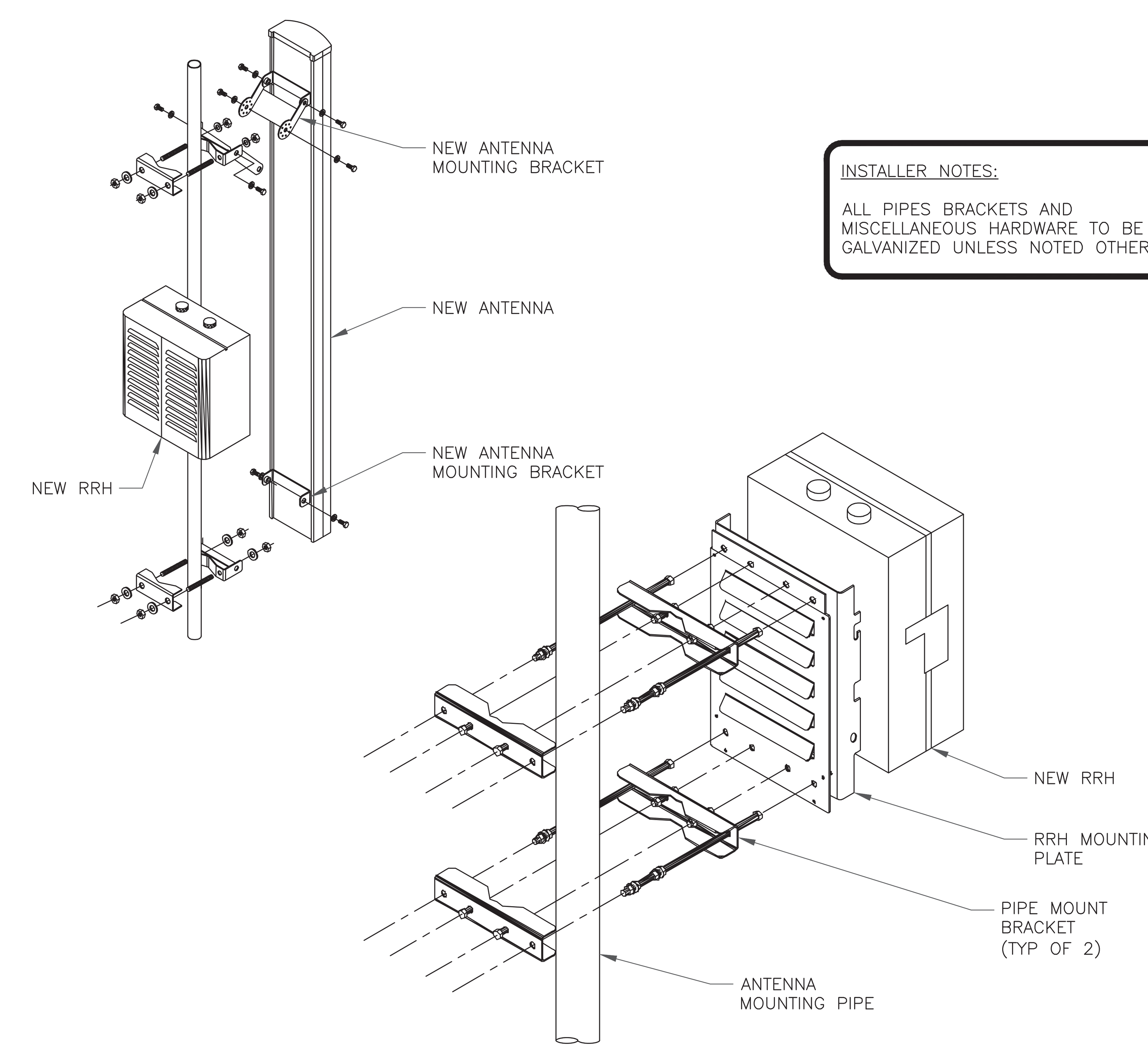
REVISION: 0

1 NOT USED
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE



3 NOKIA – FPKA BRACKET MOUNTING DETAIL
SCALE: NOT TO SCALE



INSTALLER NOTES:
ALL PIPES BRACKETS AND MISCELLANEOUS HARDWARE TO BE GALVANIZED UNLESS NOTED OTHERWISE.

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

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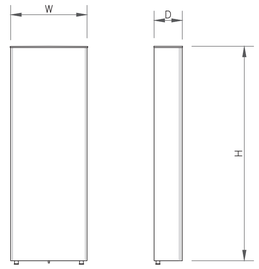
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

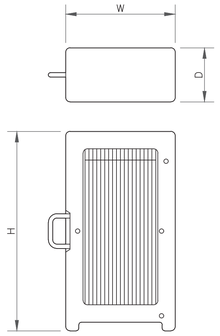
SHEET NUMBER: C-4
REVISION: 0

135737.005.01_MAYBROOK _BOND.dwg – Sheet:C-4 – User: JRICHARDSON – Sep 15, 2021 – 9:10am



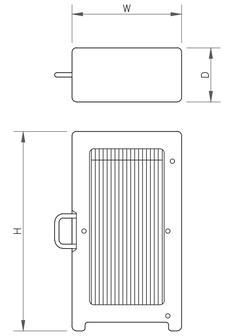
ANTENNA SPECS	
MANUFACTURER	SAMSUNG
MODEL #	MT6407-77A
WIDTH	16.06"
DEPTH	5.51"
HEIGHT	35.06"
WEIGHT	81.57 LBS

1 ANTENNA SPECS
SCALE: NOT TO SCALE



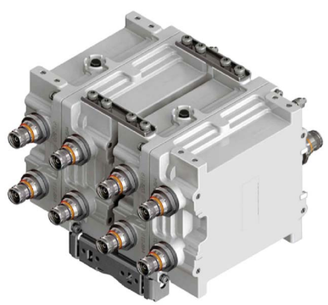
RRU SPECIFICATIONS	
MANUFACTURER	SAMSUNG
MODEL #	RF4440D-13A
WIDTH	14.96"
DEPTH	9.06"
HEIGHT	14.96"
WEIGHT	72.50 LBS

2 RRU SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS	
MANUFACTURER	SAMSUNG
MODEL #	RF4439D-25A
WIDTH	14.96"
DEPTH	10.04"
HEIGHT	14.96"
WEIGHT	74.70 LBS

3 RRU SPECS
SCALE: NOT TO SCALE



DIPLEXER SPECS	
MANUFACTURER	COMMSCOPE
MODEL #	CBC78T-DS-43-2X
WIDTH	6.90"
DEPTH	9.60"
HEIGHT	6.40"
WEIGHT	20.70 LBS

4 DIPLEXER SPECS
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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BU #: **876370**
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EXISTING 180'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/15/21	JJR	CONSTRUCTION	JJR

STATE OF CONNECTICUT
No. 23924
LICENSED
PROFESSIONAL ENGINEER
9/15/21

B&T ENGINEERING, INC.
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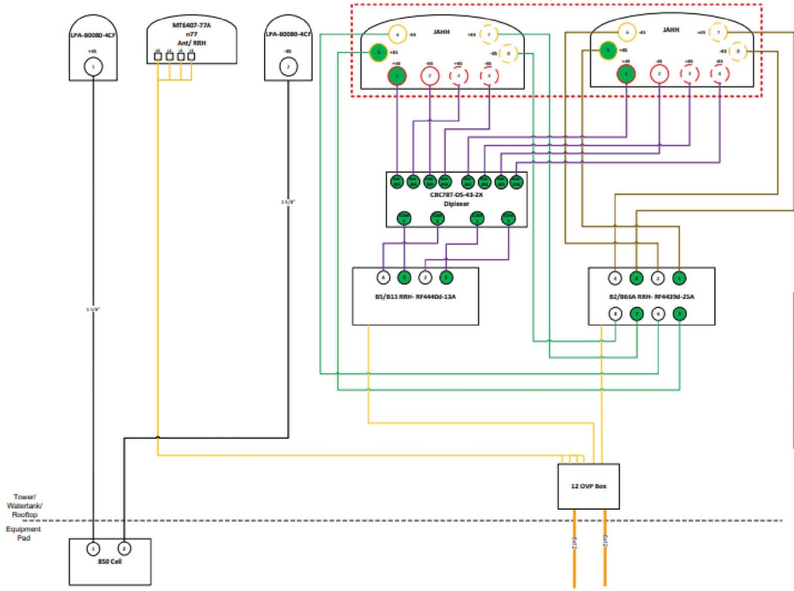
SHEET NUMBER: C-5
REVISION: 0

ALPHA



- Port 1 & 2 are for low band (698-896 MHz).
- Port 3,4,5, & 6 are for high band (1695-2360 MHz).
- Smart Bias Tee (SBT) is through port 1 & 3 for low band and port 1 for high band.
- AISG cable is only needed when drawn in the diagrams below, if it is not drawn then SBT is enough to control all RET motors.
- Not all SBT ports are needed to control RET, only green port connection to green port will control RET.

RET DC signal pass for RET (Port that will control RET)

DC signal capable Port
AISG Cable
RET DC signal pass for RET (Port that will control RET)
Hybriflex cables

Comments:

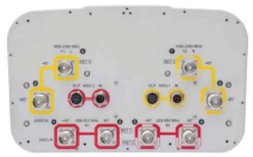
Diagram shows antenna port configuration as viewed from below antennas.

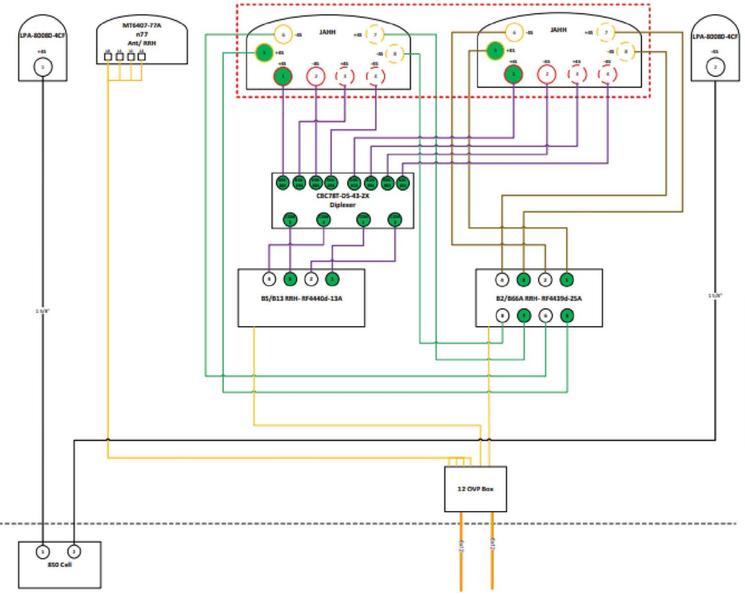
Antenna positions are indicated as viewed from IN FRONT of antennas.

Cap and weatherproof unused antenna ports.

All plumbing diagram colors are irrelevant except for AISG & Hybriflex cable. (For the coax colors follow Coax Colors guide above)

BETA/ GAMMA





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- Smart Bias Tee (SBT) is through port 1 & 3 for low band and port 1 for high band.
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DC signal capable Port
AISG Cable
RET DC signal pass for RET (Port that will control RET)
Hybriflex cables

Comments:

Diagram shows antenna port configuration as viewed from below antennas.

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Cap and weatherproof unused antenna ports.

All plumbing diagram colors are irrelevant except for AISG & Hybriflex cable. (For the coax colors follow Coax Colors guide above)

1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

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EXISTING 180'-0" MONOPOLE

ISSUED FOR:

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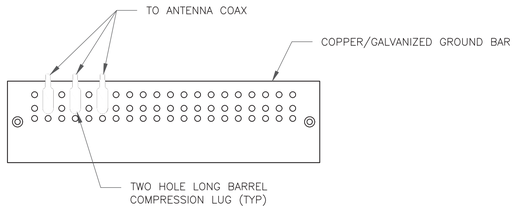
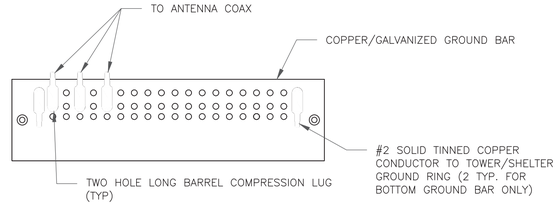
REVISION: 0



NOTES:

1. DOUBLING UP "OR STACKING" OF CONNECTIONS IS NOT PERMITTED.
2. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
3. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO ANTENNA MOUNT STEEL.

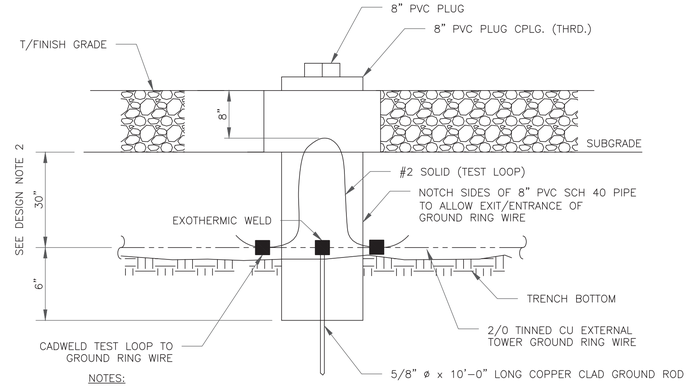
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

1. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
2. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO TOWER STEEL (TOWER ONLY).
3. GROUND BAR SHALL BE ISOLATED FROM BUILDING OR SHELTER.

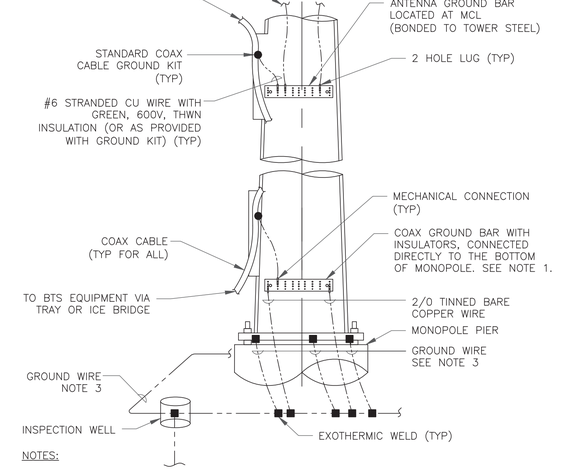
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL
2. GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE. (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)

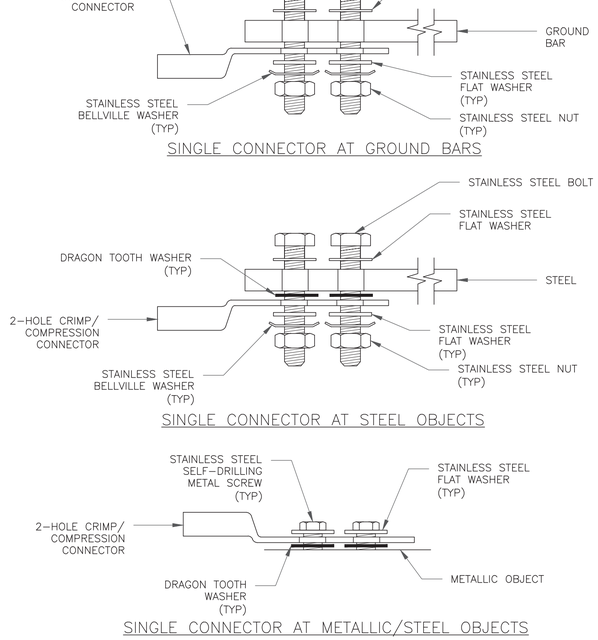
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



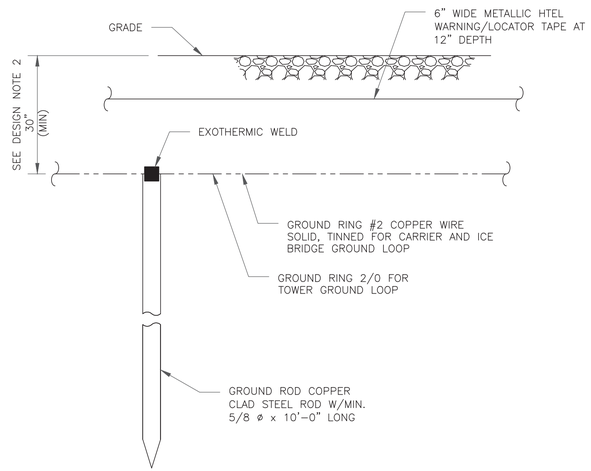
NOTES:

1. NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATIONS AND CONNECTION ORIENTATION. COAXIAL CABLES EXCEEDING 200 FEET ON THE TOWER SHALL HAVE GROUND KITS AT THE MIDPOINT. PROVIDE AS REQUIRED.
2. ONLY MECHANICAL CONNECTIONS ARE ALLOWED TO BE MADE TO CROWN CASTLE USA INC. TOWERS. ALL MECHANICAL CONNECTIONS SHALL BE TREATED WITH AN ANTI-OXIDANT COATING.
3. ALL TOWER GROUNDING SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF THE RECOGNIZED EDITION OF ANSI/TIA 222 AND NFPA 780.

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL
2. GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE. (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE

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EXISTING 180'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/15/21	JJR	CONSTRUCTION	JJR

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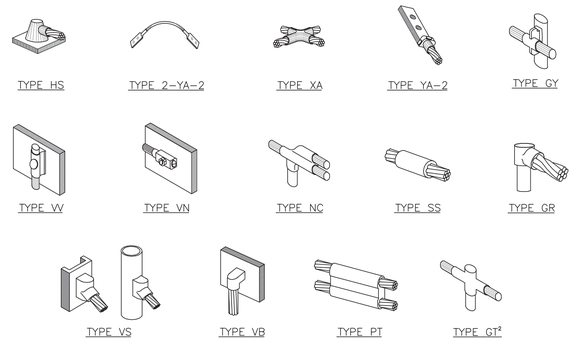
REVISION: 0

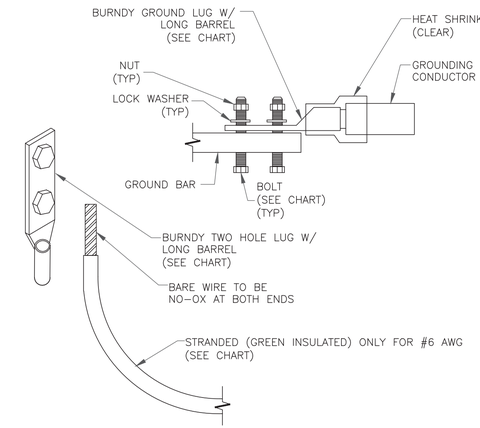


NOTE:

1. ERICO EXOTHERMIC "MOLD TYPES" SHOWN HERE ARE EXAMPLES. CONSULT WITH CONSTRUCTION MANAGER FOR SPECIFIC MOLDS TO BE USED FOR THIS PROJECT.
2. MOLD TYPE ONLY TO BE USED BELOW GRADE WHEN CONNECTING GROUND RING TO GROUND ROD.

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

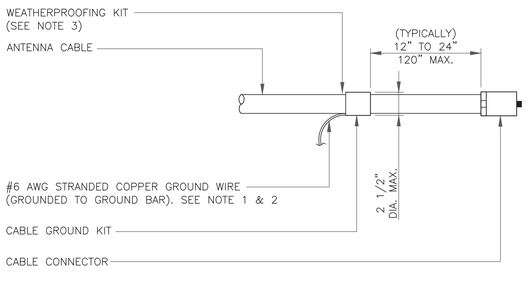
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



NOTES:

1. ALL GROUNDING LUGS ARE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. ALL HARDWARE BOLTS, NUTS, LOCK WASHERS SHALL BE STAINLESS STEEL. ALL HARDWARE ARE TO BE AS FOLLOWS: BOLT, FLAT WASHER,GROUND BAR, GROUND LUG, FLAT WASHER AND NUT.

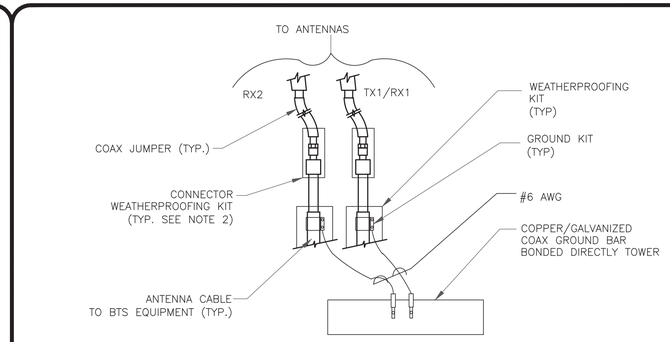
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. GROUNDING KIT SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
3. WEATHER PROOFING SHALL BE TWO-PART TAPE KIT, COLD SHRINK SHALL NOT BE USED.

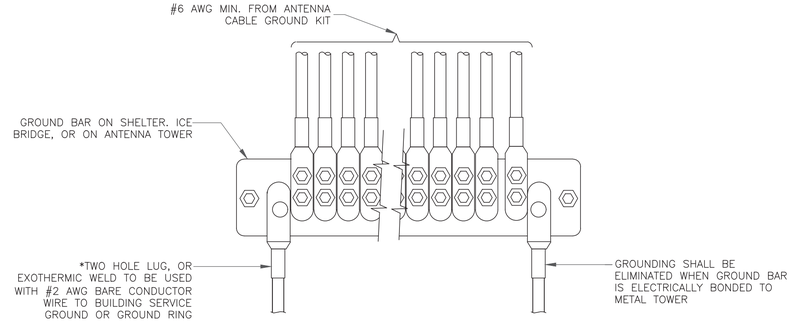
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



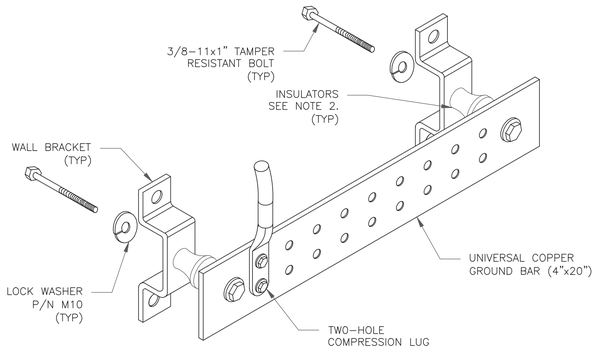
NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO ANTENNA GROUND BAR.
2. WEATHER PROOFING SHALL BE TWO-PART TAPE KIT. COLD SHRINK SHALL NOT BE USED.

4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



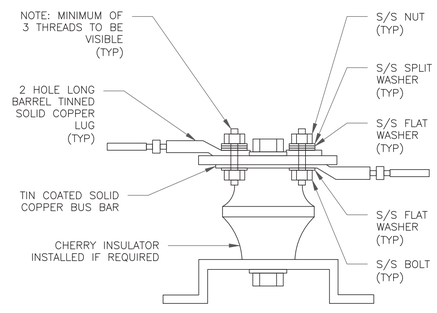
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



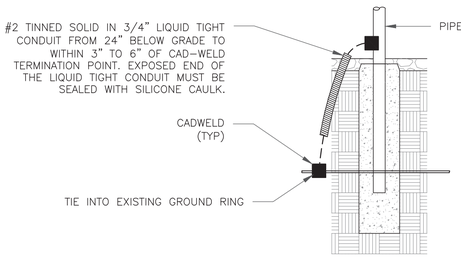
NOTES:

1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS-STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION, CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
2. OMIT INSULATOR WHEN MOUNTING TO TOWER STEEL OR PLATFORM STEEL USE INSULATORS WHEN ATTACHING TO BUILDING OR SHELTERS.

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

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PH: (918) 587-4630
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VERIZON SITE NUMBER:
467302

BU #: **876370**
MAYBROOK / BOND

41 BECKWITH RD.
MONTVILLE, CT 06370

EXISTING 180'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/15/21	JJR	CONSTRUCTION	JJR

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/22

SHEET NUMBER: G-2

REVISION: 0

Exhibit D

Structural Analysis Report

Date: **August 17, 2021**

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	467302
	Site Name:	Chesterfield CT
Crown Castle Designation:	**BU Number:**	876370
	Site Name:	Maybrook / Bond
	JDE Job Number:	684026
	Work Order Number:	2011288
	Order Number:	583756 Rev. 1
Engineering Firm Designation:	**B+T Group Project Number:**	135737.004.01
Site Data:	**41 Beckwith Rd., Montville, New London County, CT**	
	Latitude *41° 26' 7.66"*, Longitude *-72° 13' 15.07"*	
	180 Foot - Monopole Tower	

B+T Group is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above-mentioned tower.

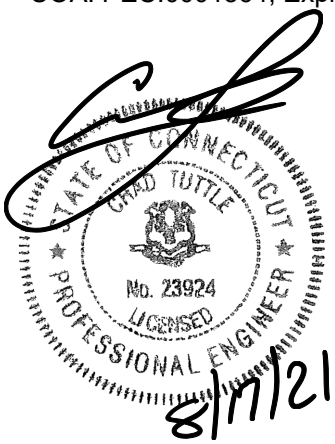
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC5: Proposed Equipment Configuration **Sufficient Capacity - 74.2%**

This analysis has been performed in accordance with the TIA-222-H standard and local code requirements based upon a wind speed of 135 mph 3-second gust, exposure category B with topographic category 1 and crest height of 0 feet.

Structural analysis prepared by: Erika Ruiz

Respectfully submitted by: B+T Engineering, Inc.
COA: PEC.0001564; Expires: 02/10/2022



Chad E. Tuttle, P.E.

tnxTower Report - version 8.1.1.0

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 180 ft. Monopole tower designed by Engineered Endeavors, Inc.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	135 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft.)	Center Line Elevation (ft.)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
167.0	167.0	6	Antel	LPA-80080/4CF	12	1-5/8
		3	Commscope	CBC78T-DS-43-2X		
		6	Commscope	JAHH-65B-R3B		
		2	Raycap	RC3DC-3315-PF-48		
		3	Samsung Telecom.	MT6407-77A		
		3	Samsung Telecom.	RF4439D-25A		
		3	Samsung Telecom.	RF4440D-13A		
		1	--	Platform Mount [LP 303-1_KCKR-HR-1]		
75.0	76.0	1	Lucent	KS24019-L112A	1	1/2
	75.0	1	--	Side Arm Mount [SO 701-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft.)	Center Line Elevation (ft.)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
180.0	180.0	3	Alcatel Lucent	PCS 1900MHZ 4X45W-65MHZ	4	1-1/4
		6	Alcatel Lucent	RRH2X50-800		
		3	Commscope	NNVV-65B-R4		
		3	Nokia	FZHN		
		3	RFS Celwave	APXVTM14-ALU-I20		
		1	--	Platform Mount [LP 303-1]		
175.0	175.0	3	Ericsson	RADIO 4449 B12/B71	4	1-5/8
		3	Ericsson	RRUS 11 B2		
		3	Ericsson	RRUS 11 B4		
		3	RFS Celwave	APX16DWV-16DWV-S-E-A20		
		3	RFS Celwave	APXVAARR18_43-U-NA20		
		1	--	Platform Mount [LP 303-1_KCKR-HR-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturer Drawing	1532099	CCI Sites
Geotech Report	1533478	CCI Sites
Crown CAD Package	Date: 08/13/2021	CCI Sites

3.1) Analysis Method

tnxTower (version 8.1.1.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 standard.

3.2) Assumptions

1) The tower and structures were maintained in accordance with the - TIA-222 standard.
2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.

This analysis may be affected if any assumptions are not valid or have been made in error. B+T Group should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft.)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	180 - 133	Pole	TP27.51x15.5x0.25	1	-13.406	1278.858	74.2	Pass
L2	133 - 87.33	Pole	TP38.56x25.988x0.375	2	-22.432	2693.113	60.0	Pass
L3	87.33 - 42.66	Pole	TP49.1x36.461x0.438	3	-35.561	4006.915	54.5	Pass
L4	42.66 - 0	Pole	TP59x46.539x0.438	4	-54.213	4995.165	57.7	Pass
							Summary	
						Pole (L1)	74.2	Pass
						Rating =	74.2	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft.)	% Capacity	Pass / Fail
1,2	Anchor Rods	Base	52.7	Pass
1,2	Base Plate	Base	72.5	Pass
1,2,3	Base Foundation	Base	63.8	Pass

Structure Rating (max from all components) =	74.2%

Notes:
1) See additional documentation in "Appendix C – Additional Calculations" for calculations supporting the % capacity consumed.
2) Rating per TIA-222-H Section 15.5.
3) Foundation capacity determined by comparing analysis reactions to original design reactions.

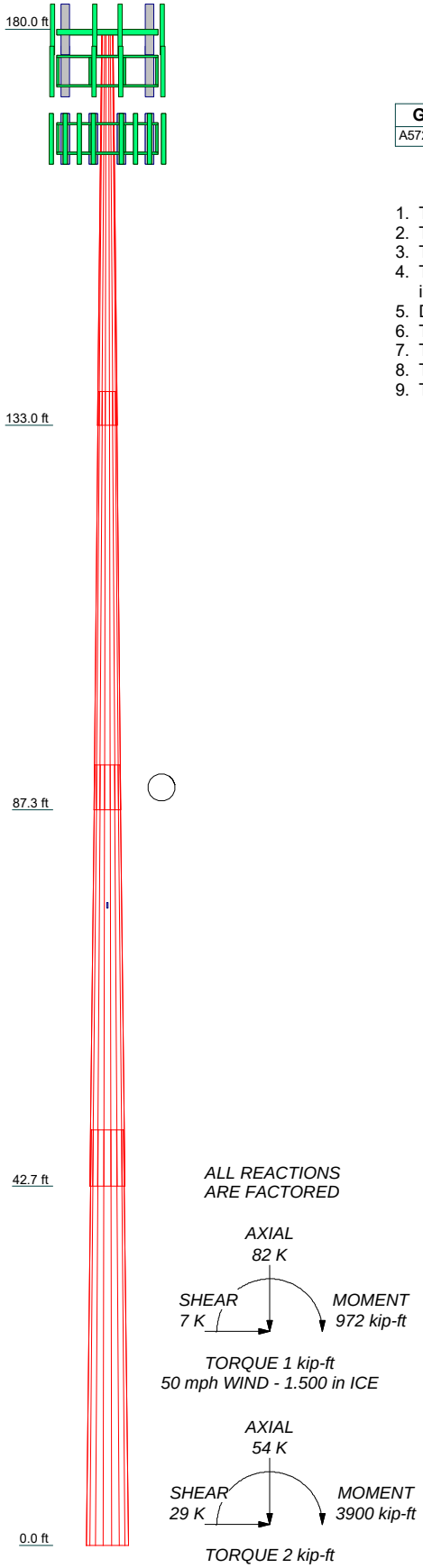
4.1) Recommendations

The tower and its foundations have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	47.000	18	0.250	4.000	15.500	27.510		2.7
2	49.670	18	0.375	5.330	25.988	38.560		6.4
3	50.000	18	0.438	6.670	36.461	49.100		10.0
4	49.330	18	0.438		46.539	59.000		12.2
							A572-65	31.3



ALL REACTIONS ARE FACTORED

AXIAL 82 K

SHEAR 7 K

MOMENT 972 kip-ft

TORQUE 1 kip-ft
50 mph WIND - 1.500 in ICE

AXIAL 54 K

SHEAR 29 K

MOMENT 3900 kip-ft

TORQUE 2 kip-ft
REACTIONS - 135 mph WIND

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in New London County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 135 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. TIA-222-H Annex S
9. TOWER RATING: 74.2%

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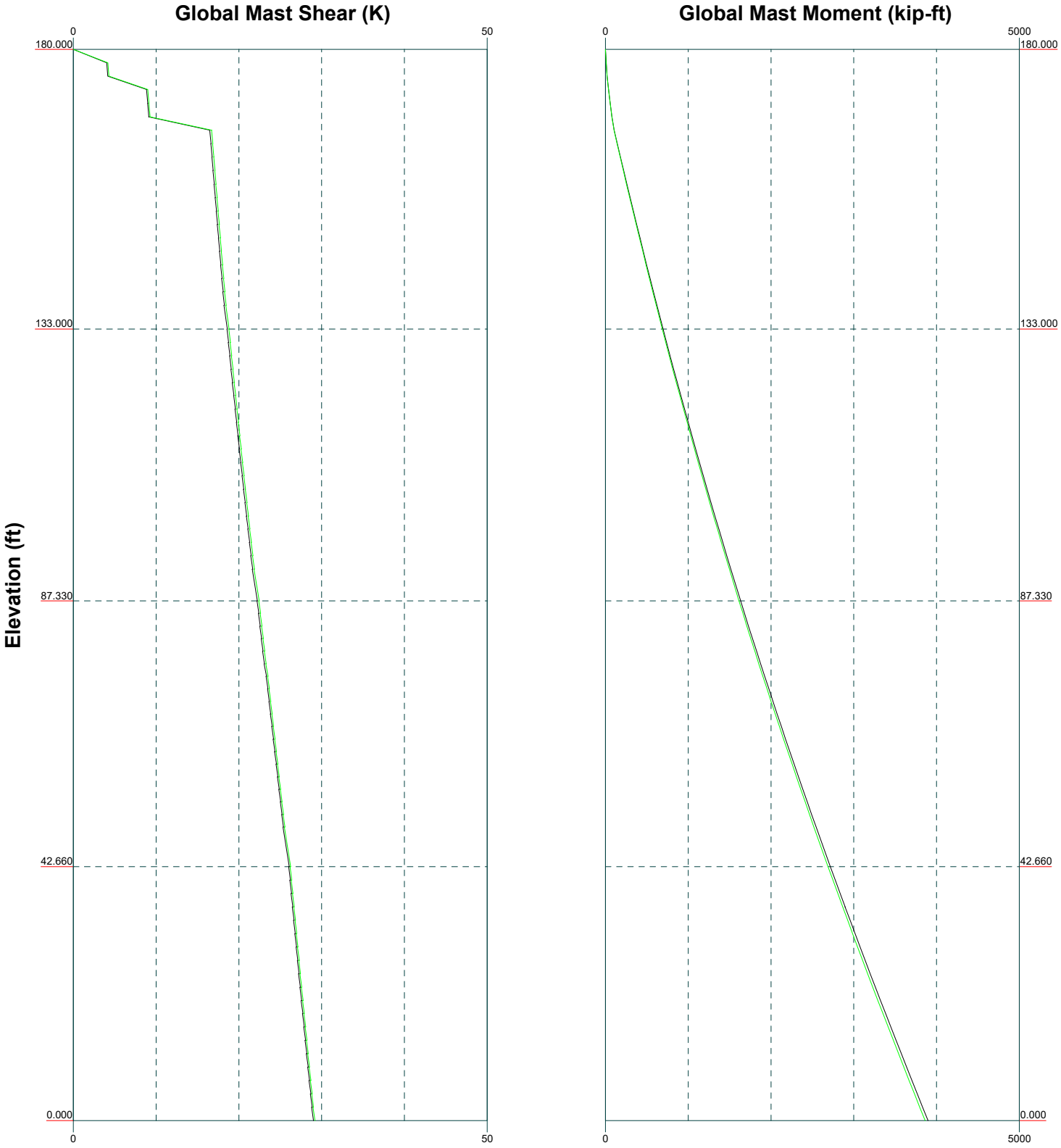
Phone: (918) 587-4630
FAX: (918) 587-4630

Job: 135737.004.01 - MAYBROOK / BOND, CT (BU# 87637			
Project:			
Client: Crown Castle	Drawn by: Sampath	App'd:	
Code: TIA-222-H	Date: 08/17/21	Scale: NTS	
Path:		Dwg No. E-1	

TIA-222-H - 135 mph/50 mph 1.500 in Ice Exposure B

Maximum Values

Vx Vz Mx Mz



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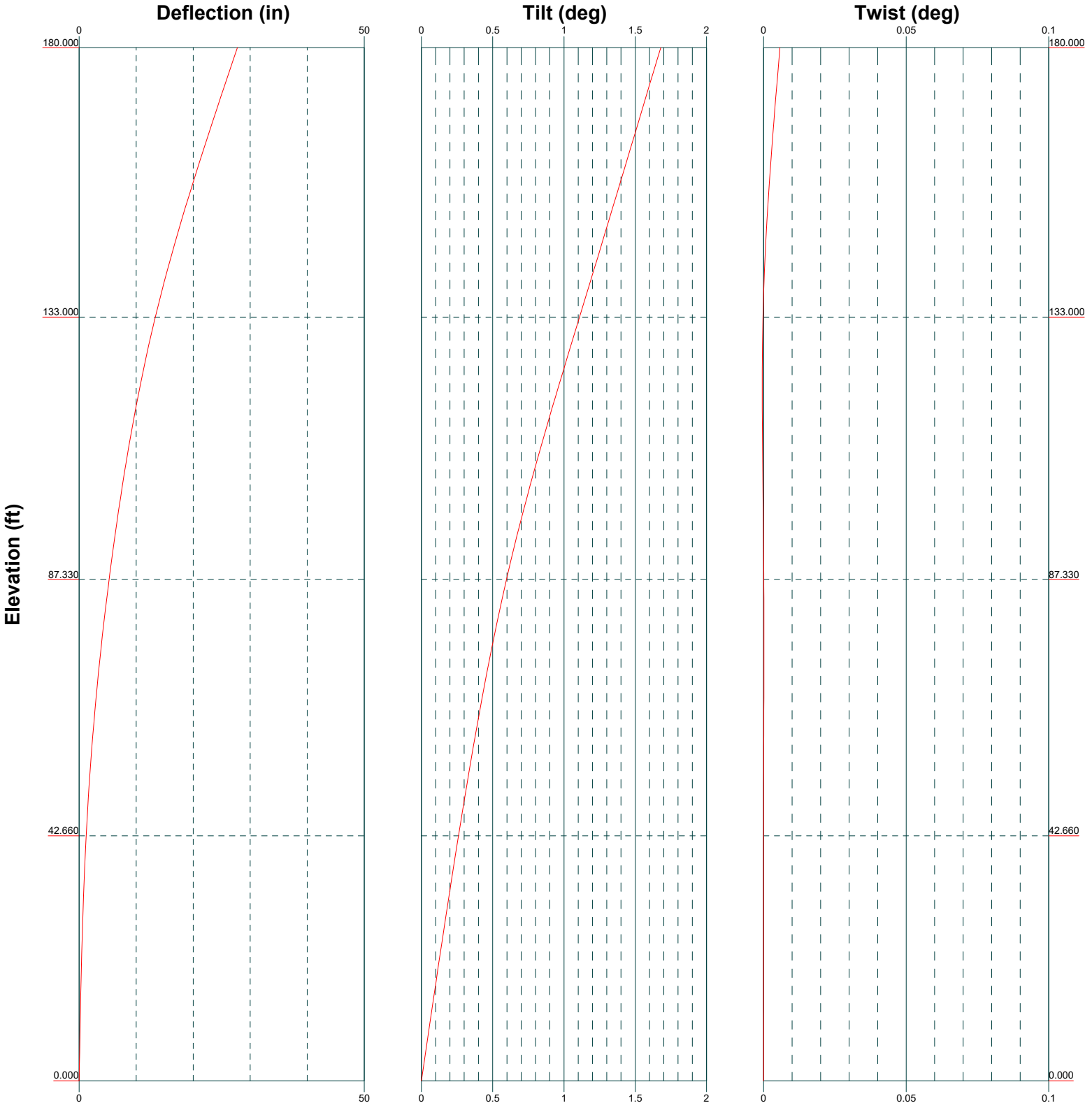
Project:			
Client: Crown Castle	Drawn by: Sampath	App'd:	
Code: TIA-222-H	Date: 08/17/21	Scale: NTS	
Path:		Dwg No. E-4	

TIA-222-H - Service - 60 mph

Maximum Values



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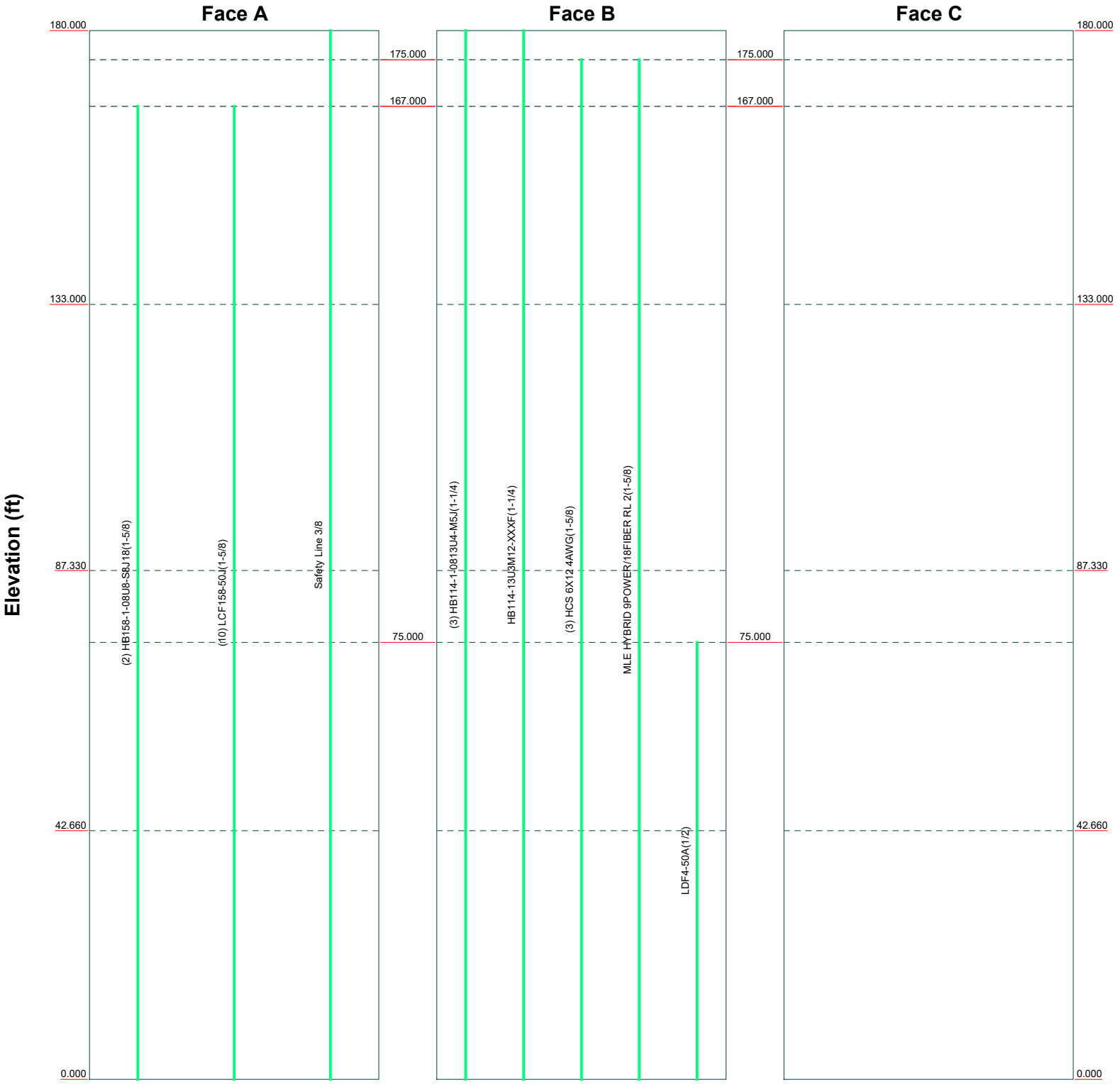
Project:			
Client: Crown Castle	Drawn by: Sampath	App'd:	
Code: TIA-222-H	Date: 08/17/21	Scale: NTS	
Path:		Dwg No. E-5	

Feed Line Distribution Chart
0' - 180'

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



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Job:	135737.004.01 - MAYBROOK / BOND, CT (BU# 87637		
Project:			
Client: Crown Castle	Drawn by: Sampath	App'd:	
Code: TIA-222-H	Date: 08/17/21	Scale: NTS	
Path:		Dwg No. E-7	

Tower Input Data

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

Tower is located in New London County, Connecticut.
Tower base elevation above sea level: 256.000 ft.
Basic wind speed of 135 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.000 ft.
Nominal ice thickness of 1.500 in.
Ice thickness is considered to increase with height.
Ice density of 56.000 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50.000 °F.
Deflections calculated using a wind speed of 60 mph.
TIA-222-H Annex S.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	180.000-133.000	47.000	4.000	18	15.500	27.510	0.250	1.000	A572-65 (65 ksi)
L2	133.000-87.330	49.670	5.330	18	25.988	38.560	0.375	1.500	A572-65 (65 ksi)
L3	87.330-42.660	50.000	6.670	18	36.461	49.100	0.438	1.750	A572-65 (65 ksi)
L4	42.660-0.000	49.330		18	46.539	59.000	0.438	1.750	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	15.701	12.101	355.544	5.414	7.874	45.154	711.557	6.052	2.288	9.152
	27.896	21.631	2030.776	9.677	13.975	145.314	4064.223	10.817	4.402	17.607
L2	27.359	30.486	2526.681	9.093	13.202	191.389	5056.687	15.246	3.914	10.437
	39.097	45.450	8372.478	13.556	19.588	427.418	16755.973	22.729	6.127	16.337
L3	38.324	50.023	8201.188	12.788	18.522	442.778	16413.168	25.016	5.647	12.908
	49.790	67.574	20216.487	17.275	24.943	810.514	40459.574	33.793	7.872	17.992
L4	48.900	64.018	17189.611	16.366	23.642	727.086	34401.840	32.015	7.421	16.962
	59.843	81.321	35235.566	20.790	29.972	1175.616	70517.496	40.668	9.614	21.975

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 180.000-133.000				1	1	1			
L2 133.000-87.330				1	1	1			
L3 87.330-42.660				1	1	1			
L4 42.660-0.000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight klf
*											

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight klf
HB114-1-0813U4-M5J(1-1/4)	B	No	No	Inside Pole	180.000 - 0.000	3	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
HB114-13U3M12-XXXF(1-1/4)	B	No	No	Inside Pole	180.000 - 0.000	1	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
*									
HCS 6X12 4AWG(1-5/8)	B	No	No	Inside Pole	175.000 - 0.000	3	No Ice	0.000	0.002
							1/2" Ice	0.000	0.002
							1" Ice	0.000	0.002
							2" Ice	0.000	0.002
MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	B	No	No	Inside Pole	175.000 - 0.000	1	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
*									
HB158-1-08U8-S8J18(1-5/8)	A	No	No	Inside Pole	167.000 - 0.000	2	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
LCF158-50J(1-5/8)	A	No	No	Inside Pole	167.000 - 0.000	10	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
*									
LDF4-50A(1/2)	B	No	No	Inside Pole	75.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
*									
Safety Line 3/8	A	No	No	CaAa (Out Of Face)	180.000 - 0.000	1	No Ice	0.037	0.000
							1/2" Ice	0.137	0.001
							1" Ice	0.238	0.001
							2" Ice	0.437	0.002
*									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	180.000-133.000	A	0.000	0.000	0.000	1.763	0.412
		B	0.000	0.000	0.000	0.000	0.563
		C	0.000	0.000	0.000	0.000	0.000
L2	133.000-87.330	A	0.000	0.000	0.000	1.713	0.549
		B	0.000	0.000	0.000	0.000	0.587
		C	0.000	0.000	0.000	0.000	0.000
L3	87.330-42.660	A	0.000	0.000	0.000	1.675	0.537
		B	0.000	0.000	0.000	0.000	0.579

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		C	0.000	0.000	0.000	0.000	0.000
L4	42.660-0.000	A	0.000	0.000	0.000	1.600	0.513
		B	0.000	0.000	0.000	0.000	0.555
		C	0.000	0.000	0.000	0.000	0.000

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	180.000-133.000	A	1.488	0.000	0.000	0.000	15.749	0.486
		B		0.000	0.000	0.000	0.000	0.563
		C		0.000	0.000	0.000	0.000	0.000
L2	133.000-87.330	A	1.437	0.000	0.000	0.000	15.303	0.621
		B		0.000	0.000	0.000	0.000	0.587
		C		0.000	0.000	0.000	0.000	0.000
L3	87.330-42.660	A	1.364	0.000	0.000	0.000	14.514	0.605
		B		0.000	0.000	0.000	0.000	0.579
		C		0.000	0.000	0.000	0.000	0.000
L4	42.660-0.000	A	1.217	0.000	0.000	0.000	13.233	0.574
		B		0.000	0.000	0.000	0.000	0.555
		C		0.000	0.000	0.000	0.000	0.000

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	180.000-133.000	0.000	-0.341	0.000	-1.383
L2	133.000-87.330	0.000	-0.345	0.000	-1.507
L3	87.330-42.660	0.000	-0.347	0.000	-1.530
L4	42.660-0.000	0.000	-0.348	0.000	-1.507

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

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
NNVV-65B-R4 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	7.550 8.040 8.530 9.560	4.230 4.670 5.120 6.050	0.110 0.197 0.296 0.529

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
NNVV-65B-R4 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	7.550 8.040 8.530 9.560	4.230 4.670 5.120 6.050	0.110 0.197 0.296 0.529
NNVV-65B-R4 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	7.550 8.040 8.530 9.560	4.230 4.670 5.120 6.050	0.110 0.197 0.296 0.529
APXVTM14-ALU-I20 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
APXVTM14-ALU-I20 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
APXVTM14-ALU-I20 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
(3) RRH2X50-800	A	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.701 1.864 2.035 2.398	1.282 1.428 1.580 1.908	0.053 0.070 0.090 0.138
(2) RRH2X50-800	B	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.701 1.864 2.035 2.398	1.282 1.428 1.580 1.908	0.053 0.070 0.090 0.138
RRH2X50-800	C	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.701 1.864 2.035 2.398	1.282 1.428 1.580 1.908	0.053 0.070 0.090 0.138
PCS 1900MHZ 4X45W-65MHZ	A	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.322 2.527 2.739 3.185	2.238 2.441 2.651 3.093	0.060 0.083 0.110 0.173
PCS 1900MHZ 4X45W-65MHZ	B	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.322 2.527 2.739 3.185	2.238 2.441 2.651 3.093	0.060 0.083 0.110 0.173
PCS 1900MHZ 4X45W-65MHZ	C	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.322 2.527 2.739 3.185	2.238 2.441 2.651 3.093	0.060 0.083 0.110 0.173
(2) FZHN	A	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.020 2.197 2.381 2.772	0.607 0.715 0.829 1.089	0.044 0.058 0.075 0.116
FZHN	B	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.020 2.197 2.381 2.772	0.607 0.715 0.829 1.089	0.044 0.058 0.075 0.116
(2) 6' x 2.375" Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	180.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.425 1.925 2.294 3.060	1.425 1.925 2.294 3.060	0.041 0.051 0.066 0.109
(2) 6' x 2.375" Mount Pipe	B	From Leg	4.000	0.000	180.000	No Ice	1.425	1.425	0.041

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Offsets: ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000					1/2" Ice	1.925	1.925	0.051
			0.000					1" Ice	2.294	2.294	0.066
								2" Ice	3.060	3.060	0.109
(2) 6' x 2.375" Mount Pipe	C	From Leg	4.000			0.000	180.000	No Ice	1.425	1.425	0.041
			0.000					1/2" Ice	1.925	1.925	0.051
			0.000					1" Ice	2.294	2.294	0.066
								2" Ice	3.060	3.060	0.109
Platform Mount [LP 303-1]	C	None				0.000	180.000	No Ice	14.690	14.690	1.250
								1/2" Ice	18.010	18.010	1.569
								1" Ice	21.340	21.340	1.942
								2" Ice	28.080	28.080	2.852
*											
APX16DWV-16DWV-S-E-A 20 w/ Mount Pipe	A	From Leg	4.000			0.000	175.000	No Ice	6.290	2.760	0.061
			0.000					1/2" Ice	6.860	3.270	0.105
			0.000					1" Ice	7.450	3.790	0.157
								2" Ice	8.680	4.900	0.290
APX16DWV-16DWV-S-E-A 20 w/ Mount Pipe	B	From Leg	4.000			0.000	175.000	No Ice	6.290	2.760	0.061
			0.000					1/2" Ice	6.860	3.270	0.105
			0.000					1" Ice	7.450	3.790	0.157
								2" Ice	8.680	4.900	0.290
APX16DWV-16DWV-S-E-A 20 w/ Mount Pipe	C	From Leg	4.000			0.000	175.000	No Ice	6.290	2.760	0.061
			0.000					1/2" Ice	6.860	3.270	0.105
			0.000					1" Ice	7.450	3.790	0.157
								2" Ice	8.680	4.900	0.290
APXVAARR18_43-U-NA20 w/ Mount Pipe	A	From Leg	4.000			0.000	175.000	No Ice	11.040	5.080	0.157
			0.000					1/2" Ice	11.650	5.610	0.255
			0.000					1" Ice	12.270	6.150	0.365
								2" Ice	13.550	7.270	0.621
APXVAARR18_43-U-NA20 w/ Mount Pipe	B	From Leg	4.000			0.000	175.000	No Ice	11.040	5.080	0.157
			0.000					1/2" Ice	11.650	5.610	0.255
			0.000					1" Ice	12.270	6.150	0.365
								2" Ice	13.550	7.270	0.621
APXVAARR18_43-U-NA20 w/ Mount Pipe	C	From Leg	4.000			0.000	175.000	No Ice	11.040	5.080	0.157
			0.000					1/2" Ice	11.650	5.610	0.255
			0.000					1" Ice	12.270	6.150	0.365
								2" Ice	13.550	7.270	0.621
(2) RRUS 11 B4	B	From Leg	4.000			0.000	175.000	No Ice	2.833	1.182	0.051
			0.000					1/2" Ice	3.043	1.330	0.072
			0.000					1" Ice	3.259	1.485	0.095
								2" Ice	3.715	1.826	0.153
RRUS 11 B4	C	From Leg	4.000			0.000	175.000	No Ice	2.833	1.182	0.051
			0.000					1/2" Ice	3.043	1.330	0.072
			0.000					1" Ice	3.259	1.485	0.095
								2" Ice	3.715	1.826	0.153
RADIO 4449 B12/B71	A	From Leg	4.000			0.000	175.000	No Ice	1.650	1.163	0.074
			0.000					1/2" Ice	1.810	1.301	0.090
			0.000					1" Ice	1.978	1.447	0.109
								2" Ice	2.336	1.762	0.155
RADIO 4449 B12/B71	B	From Leg	4.000			0.000	175.000	No Ice	1.650	1.163	0.074
			0.000					1/2" Ice	1.810	1.301	0.090
			0.000					1" Ice	1.978	1.447	0.109
								2" Ice	2.336	1.762	0.155
RADIO 4449 B12/B71	C	From Leg	4.000			0.000	175.000	No Ice	1.650	1.163	0.074
			0.000					1/2" Ice	1.810	1.301	0.090
			0.000					1" Ice	1.978	1.447	0.109
								2" Ice	2.336	1.762	0.155
(2) RRUS 11 B2	A	From Leg	4.000			0.000	175.000	No Ice	2.833	1.182	0.051

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Offsets: ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000					1/2" Ice	3.043	1.330	0.072
			0.000					1" Ice	3.259	1.485	0.095
								2" Ice	3.715	1.826	0.153
RRUS 11 B2	C	From Leg	4.000			0.000	175.000	No Ice	2.833	1.182	0.051
			0.000					1/2" Ice	3.043	1.330	0.072
			0.000					1" Ice	3.259	1.485	0.095
								2" Ice	3.715	1.826	0.153
7' x 2.375" Mount Pipe	A	From Leg	4.000			0.000	175.000	No Ice	1.663	1.663	0.061
			0.000					1/2" Ice	2.391	2.391	0.073
			0.000					1" Ice	2.825	2.825	0.090
								2" Ice	3.706	3.706	0.140
7' x 2.375" Mount Pipe	B	From Leg	4.000			0.000	175.000	No Ice	1.663	1.663	0.061
			0.000					1/2" Ice	2.391	2.391	0.073
			0.000					1" Ice	2.825	2.825	0.090
								2" Ice	3.706	3.706	0.140
7' x 2.375" Mount Pipe	C	From Leg	4.000			0.000	175.000	No Ice	1.663	1.663	0.061
			0.000					1/2" Ice	2.391	2.391	0.073
			0.000					1" Ice	2.825	2.825	0.090
								2" Ice	3.706	3.706	0.140
Platform Mount [LP 303-1_KCKR-HR-1]	C	None				0.000	175.000	No Ice	28.310	28.310	1.770
								1/2" Ice	35.690	35.690	2.297
								1" Ice	43.110	43.110	2.943
								2" Ice	58.210	58.210	4.603
*											
JAHH-65B-R3B	A	From Leg	4.000			0.000	167.000	No Ice	5.290	3.050	0.063
			0.000					1/2" Ice	5.750	3.480	0.121
			0.000					1" Ice	6.220	3.930	0.186
								2" Ice	7.200	4.840	0.334
JAHH-65B-R3B	B	From Leg	4.000			0.000	167.000	No Ice	5.290	3.050	0.063
			0.000					1/2" Ice	5.750	3.480	0.121
			0.000					1" Ice	6.220	3.930	0.186
								2" Ice	7.200	4.840	0.334
JAHH-65B-R3B	C	From Leg	4.000			0.000	167.000	No Ice	5.290	3.050	0.063
			0.000					1/2" Ice	5.750	3.480	0.121
			0.000					1" Ice	6.220	3.930	0.186
								2" Ice	7.200	4.840	0.334
JAHH-65B-R3B w/ Mount Pipe	A	From Leg	4.000			0.000	167.000	No Ice	5.500	4.380	0.096
			0.000					1/2" Ice	5.970	4.840	0.169
			0.000					1" Ice	6.450	5.300	0.254
								2" Ice	7.440	6.260	0.457
JAHH-65B-R3B w/ Mount Pipe	B	From Leg	4.000			0.000	167.000	No Ice	5.500	4.380	0.096
			0.000					1/2" Ice	5.970	4.840	0.169
			0.000					1" Ice	6.450	5.300	0.254
								2" Ice	7.440	6.260	0.457
JAHH-65B-R3B w/ Mount Pipe	C	From Leg	4.000			0.000	167.000	No Ice	5.500	4.380	0.096
			0.000					1/2" Ice	5.970	4.840	0.169
			0.000					1" Ice	6.450	5.300	0.254
								2" Ice	7.440	6.260	0.457
(2) LPA-80080/4CF w/ Mount Pipe	A	From Leg	4.000			0.000	167.000	No Ice	2.856	6.569	0.030
			0.000					1/2" Ice	3.220	7.195	0.076
			0.000					1" Ice	3.592	7.837	0.128
								2" Ice	4.337	9.170	0.253
(2) LPA-80080/4CF w/ Mount Pipe	B	From Leg	4.000			0.000	167.000	No Ice	2.856	6.569	0.030
			0.000					1/2" Ice	3.220	7.195	0.076
			0.000					1" Ice	3.592	7.837	0.128
								2" Ice	4.337	9.170	0.253
(2) LPA-80080/4CF w/	C	From Leg	4.000			0.000	167.000	No Ice	2.856	6.569	0.030

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
Mount Pipe			0.000				1/2" Ice	3.220	7.195	0.076
			0.000				1" Ice	3.592	7.837	0.128
							2" Ice	4.337	9.170	0.253
RC3DC-3315-PF-48	A	From Leg	4.000		0.000	167.000	No Ice	3.792	2.512	0.032
			0.000				1/2" Ice	4.044	2.725	0.063
			0.000				1" Ice	4.303	2.945	0.099
							2" Ice	4.844	3.414	0.181
RC3DC-3315-PF-48	B	From Leg	4.000		0.000	167.000	No Ice	3.792	2.512	0.032
			0.000				1/2" Ice	4.044	2.725	0.063
			0.000				1" Ice	4.303	2.945	0.099
							2" Ice	4.844	3.414	0.181
MT6407-77A	A	From Leg	4.000		0.000	167.000	No Ice	4.692	1.840	0.082
			0.000				1/2" Ice	4.980	2.063	0.111
			0.000				1" Ice	5.275	2.292	0.144
							2" Ice	5.887	2.772	0.223
MT6407-77A	B	From Leg	4.000		0.000	167.000	No Ice	4.692	1.840	0.082
			0.000				1/2" Ice	4.980	2.063	0.111
			0.000				1" Ice	5.275	2.292	0.144
							2" Ice	5.887	2.772	0.223
MT6407-77A	C	From Leg	4.000		0.000	167.000	No Ice	4.692	1.840	0.082
			0.000				1/2" Ice	4.980	2.063	0.111
			0.000				1" Ice	5.275	2.292	0.144
							2" Ice	5.887	2.772	0.223
(2) RF4439D-25A	A	From Leg	4.000		0.000	167.000	No Ice	1.865	1.252	0.075
			0.000				1/2" Ice	2.035	1.394	0.093
			0.000				1" Ice	2.212	1.544	0.114
							2" Ice	2.589	1.866	0.165
RF4439D-25A	B	From Leg	4.000		0.000	167.000	No Ice	1.865	1.252	0.075
			0.000				1/2" Ice	2.035	1.394	0.093
			0.000				1" Ice	2.212	1.544	0.114
							2" Ice	2.589	1.866	0.165
CBC78T-DS-43-2X	A	From Leg	4.000		0.000	167.000	No Ice	0.368	0.512	0.021
			0.000				1/2" Ice	0.446	0.605	0.027
			0.000				1" Ice	0.531	0.705	0.035
							2" Ice	0.723	0.927	0.057
CBC78T-DS-43-2X	B	From Leg	4.000		0.000	167.000	No Ice	0.368	0.512	0.021
			0.000				1/2" Ice	0.446	0.605	0.027
			0.000				1" Ice	0.531	0.705	0.035
							2" Ice	0.723	0.927	0.057
CBC78T-DS-43-2X	C	From Leg	4.000		0.000	167.000	No Ice	0.368	0.512	0.021
			0.000				1/2" Ice	0.446	0.605	0.027
			0.000				1" Ice	0.531	0.705	0.035
							2" Ice	0.723	0.927	0.057
RF4440D-13A	A	From Leg	4.000		0.000	167.000	No Ice	1.865	1.129	0.073
			0.000				1/2" Ice	2.035	1.267	0.090
			0.000				1" Ice	2.212	1.411	0.110
							2" Ice	2.589	1.723	0.159
RF4440D-13A	B	From Leg	4.000		0.000	167.000	No Ice	1.865	1.129	0.073
			0.000				1/2" Ice	2.035	1.267	0.090
			0.000				1" Ice	2.212	1.411	0.110
							2" Ice	2.589	1.723	0.159
RF4440D-13A	C	From Leg	4.000		0.000	167.000	No Ice	1.865	1.129	0.073
			0.000				1/2" Ice	2.035	1.267	0.090
			0.000				1" Ice	2.212	1.411	0.110
							2" Ice	2.589	1.723	0.159
Side Arm Mount [SO 102-3]	C	None			0.000	167.000	No Ice	0.000	0.000	0.075
							1/2" Ice	0.000	0.000	0.105

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice	0.000	0.000	0.135
						2" Ice	0.000	0.000	0.195
8' x 2" Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.900 2.728 3.401 4.396	1.900 2.728 3.401 4.396	0.029 0.044 0.063 0.119
8' x 2" Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.900 2.728 3.401 4.396	1.900 2.728 3.401 4.396	0.029 0.044 0.063 0.119
8' x 2" Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	167.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.900 2.728 3.401 4.396	1.900 2.728 3.401 4.396	0.029 0.044 0.063 0.119
Platform Mount [LP 303-1_KCKR-HR-1]	C	None		0.000	167.000	No Ice 1/2" Ice 1" Ice 2" Ice	28.310 35.690 43.110 58.210	28.310 35.690 43.110 58.210	1.770 2.297 2.943 4.603
Mount Reinforcement Specifications	C	None		0.000	167.000	No Ice 1/2" Ice 1" Ice 2" Ice	28.630 37.310 45.800 62.380	28.630 37.310 45.800 62.380	0.280 0.670 0.940 1.630
*									
KS24019-L112A	A	From Leg	3.000 0.000 1.000	0.000	75.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.141 0.198 0.262 0.415	0.141 0.198 0.262 0.415	0.005 0.007 0.009 0.018
Side Arm Mount [SO 701-1]	A	From Leg	1.500 0.000 0.000	0.000	75.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.850 1.140 1.430 2.010	1.670 2.340 3.010 4.350	0.065 0.079 0.093 0.121
*									

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice

Comb. No.	Description
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	180 - 133	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-31.810	-2.568	3.726
			Max. Mx	8	-13.452	-613.020	-1.354
			Max. My	2	-13.406	1.942	621.876
			Max. Vy	8	18.249	-613.020	-1.354
			Max. Vx	2	-18.464	1.942	621.876
			Max. Torque	22			-1.765
L2	133 - 87.33	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-43.119	-2.775	4.161
			Max. Mx	8	-22.460	-1496.572	-4.724
			Max. My	2	-22.433	5.369	1514.936
			Max. Vy	8	21.671	-1496.572	-4.724
			Max. Vx	2	-21.884	5.369	1514.936
			Max. Torque	22			-1.842
L3	87.33 - 42.66	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-59.374	-2.827	4.822
			Max. Mx	8	-35.574	-2517.906	-7.745

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. My	2	-35.562	8.701	2544.839
			Max. Vy	8	25.393	-2517.906	-7.745
			Max. Vx	2	-25.567	8.701	2544.839
			Max. Torque	22			-2.156
L4	42.66 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-81.940	-2.826	5.005
			Max. Mx	8	-54.213	-3862.078	-11.402
			Max. My	2	-54.213	12.392	3897.418
			Max. Vy	8	29.022	-3862.078	-11.402
			Max. Vx	2	-29.187	12.392	3897.418
			Max. Torque	22			-2.270

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	27	81.940	0.011	7.091
	Max. H_x	20	54.231	28.989	0.073
	Max. H_z	2	54.231	0.073	29.153
	Max. M_x	2	3897.418	0.073	29.153
	Max. M_z	8	3862.078	-28.989	-0.073
	Max. Torsion	10	2.266	-25.141	-14.639
	Min. Vert	11	40.673	-25.141	-14.639
	Min. H_x	8	54.231	-28.989	-0.073
	Min. H_z	14	54.231	-0.073	-29.153
	Min. M_x	14	-3893.178	-0.073	-29.153
	Min. M_z	20	-3859.819	28.989	0.073
	Min. Torsion	22	-2.270	25.141	14.639

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	45.193	0.000	-0.000	-1.684	-0.896	-0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	54.231	-0.073	-29.153	-3897.418	12.392	1.052
0.9 Dead+1.0 Wind 0 deg - No Ice	40.673	-0.073	-29.153	-3836.645	12.462	1.037
1.2 Dead+1.0 Wind 30 deg - No Ice	54.231	14.431	-25.211	-3368.919	-1919.849	-0.095
0.9 Dead+1.0 Wind 30 deg - No Ice	40.673	14.431	-25.211	-3316.315	-1889.966	-0.094
1.2 Dead+1.0 Wind 60 deg - No Ice	54.231	25.069	-14.513	-1938.199	-3338.074	-1.215
0.9 Dead+1.0 Wind 60 deg - No Ice	40.673	25.069	-14.513	-1907.717	-3286.292	-1.199
1.2 Dead+1.0 Wind 90 deg - No Ice	54.231	28.989	0.073	11.402	-3862.078	-2.010
0.9 Dead+1.0 Wind 90 deg - No Ice	40.673	28.989	0.073	11.741	-3802.202	-1.982
1.2 Dead+1.0 Wind 120 deg -	54.231	25.141	14.639	1957.300	-3351.444	-2.266

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
No Ice						
0.9 Dead+1.0 Wind 120 deg - No Ice	40.673	25.141	14.639	1927.566	-3299.435	-2.235
1.2 Dead+1.0 Wind 150 deg - No Ice	54.231	14.557	25.283	3378.062	-1943.166	-1.917
0.9 Dead+1.0 Wind 150 deg - No Ice	40.673	14.557	25.283	3326.388	-1912.875	-1.890
1.2 Dead+1.0 Wind 180 deg - No Ice	54.231	0.073	29.153	3893.178	-14.631	-1.055
0.9 Dead+1.0 Wind 180 deg - No Ice	40.673	0.073	29.153	3833.565	-14.081	-1.040
1.2 Dead+1.0 Wind 210 deg - No Ice	54.231	-14.431	25.211	3364.675	1917.595	0.091
0.9 Dead+1.0 Wind 210 deg - No Ice	40.673	-14.431	25.211	3313.233	1888.335	0.090
1.2 Dead+1.0 Wind 240 deg - No Ice	54.231	-25.069	14.513	1933.965	3335.810	1.214
0.9 Dead+1.0 Wind 240 deg - No Ice	40.673	-25.069	14.513	1904.642	3284.654	1.198
1.2 Dead+1.0 Wind 270 deg - No Ice	54.231	-28.989	-0.073	-15.623	3859.819	2.013
0.9 Dead+1.0 Wind 270 deg - No Ice	40.673	-28.989	-0.073	-14.805	3800.568	1.985
1.2 Dead+1.0 Wind 300 deg - No Ice	54.231	-25.141	-14.639	-1961.516	3349.200	2.270
0.9 Dead+1.0 Wind 300 deg - No Ice	40.673	-25.141	-14.639	-1930.627	3297.812	2.238
1.2 Dead+1.0 Wind 330 deg - No Ice	54.231	-14.557	-25.283	-3382.288	1940.932	1.918
0.9 Dead+1.0 Wind 330 deg - No Ice	40.673	-14.557	-25.283	-3329.457	1911.260	1.891
1.2 Dead+1.0 Ice+1.0 Temp	81.940	0.000	-0.000	-5.005	-2.826	-0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	81.940	-0.011	-7.091	-971.523	-0.678	0.218
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	81.940	3.526	-6.135	-841.002	-481.496	-0.249
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	81.940	6.118	-3.536	-486.443	-834.081	-0.649
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	81.940	7.071	0.011	-2.927	-963.879	-0.875
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	81.940	6.129	3.555	479.984	-836.322	-0.867
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	81.940	3.545	6.146	832.897	-485.381	-0.626
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	81.940	0.011	7.091	961.174	-5.168	-0.218
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	81.940	-3.526	6.135	830.653	475.646	0.248
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	81.940	-6.118	3.536	476.096	828.230	0.648
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	81.940	-7.071	-0.011	-7.417	958.032	0.874
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	81.940	-6.129	-3.555	-490.331	830.476	0.866
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	81.940	-3.545	-6.146	-843.246	479.536	0.626
Dead+Wind 0 deg - Service	45.193	-0.014	-5.424	-720.762	1.552	0.199
Dead+Wind 30 deg - Service	45.193	2.685	-4.690	-623.189	-355.093	-0.016
Dead+Wind 60 deg - Service	45.193	4.664	-2.700	-359.105	-616.844	-0.228
Dead+Wind 90 deg - Service	45.193	5.393	0.014	0.729	-713.564	-0.378
Dead+Wind 120 deg - Service	45.193	4.677	2.724	359.895	-619.335	-0.427

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
Dead+Wind 150 deg - Service	45.193	2.708	4.704	622.155	-359.408	-0.362
Dead+Wind 180 deg - Service	45.193	0.014	5.424	717.236	-3.431	-0.199
Dead+Wind 210 deg - Service	45.193	-2.685	4.690	619.664	353.214	0.016
Dead+Wind 240 deg - Service	45.193	-4.664	2.700	355.580	614.965	0.228
Dead+Wind 270 deg - Service	45.193	-5.393	-0.014	-4.254	711.684	0.378
Dead+Wind 300 deg - Service	45.193	-4.677	-2.724	-363.420	617.456	0.427
Dead+Wind 330 deg - Service	45.193	-2.708	-4.704	-625.680	357.529	0.362

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX	PY	PZ	PX	PY	PZ	% Error
	K	K	K	K	K	K	
1	0.000	-45.193	0.000	-0.000	45.193	0.000	0.000%
2	-0.073	-54.231	-29.153	0.073	54.231	29.153	0.000%
3	-0.073	-40.673	-29.153	0.073	40.673	29.153	0.000%
4	14.431	-54.231	-25.211	-14.431	54.231	25.211	0.000%
5	14.431	-40.673	-25.211	-14.431	40.673	25.211	0.000%
6	25.069	-54.231	-14.513	-25.069	54.231	14.513	0.000%
7	25.069	-40.673	-14.513	-25.069	40.673	14.513	0.000%
8	28.989	-54.231	0.073	-28.989	54.231	-0.073	0.000%
9	28.989	-40.673	0.073	-28.989	40.673	-0.073	0.000%
10	25.141	-54.231	14.639	-25.141	54.231	-14.639	0.000%
11	25.141	-40.673	14.639	-25.141	40.673	-14.639	0.000%
12	14.557	-54.231	25.283	-14.557	54.231	-25.283	0.000%
13	14.557	-40.673	25.283	-14.557	40.673	-25.283	0.000%
14	0.073	-54.231	29.153	-0.073	54.231	-29.153	0.000%
15	0.073	-40.673	29.153	-0.073	40.673	-29.153	0.000%
16	-14.431	-54.231	25.211	14.431	54.231	-25.211	0.000%
17	-14.431	-40.673	25.211	14.431	40.673	-25.211	0.000%
18	-25.069	-54.231	14.513	25.069	54.231	-14.513	0.000%
19	-25.069	-40.673	14.513	25.069	40.673	-14.513	0.000%
20	-28.989	-54.231	-0.073	28.989	54.231	0.073	0.000%
21	-28.989	-40.673	-0.073	28.989	40.673	0.073	0.000%
22	-25.141	-54.231	-14.639	25.141	54.231	14.639	0.000%
23	-25.141	-40.673	-14.639	25.141	40.673	14.639	0.000%
24	-14.557	-54.231	-25.283	14.557	54.231	25.283	0.000%
25	-14.557	-40.673	-25.283	14.557	40.673	25.283	0.000%
26	0.000	-81.940	0.000	-0.000	81.940	0.000	0.000%
27	-0.011	-81.940	-7.091	0.011	81.940	7.091	0.001%
28	3.526	-81.940	-6.135	-3.526	81.940	6.135	0.000%
29	6.118	-81.940	-3.536	-6.118	81.940	3.536	0.000%
30	7.070	-81.940	0.011	-7.071	81.940	-0.011	0.001%
31	6.129	-81.940	3.555	-6.129	81.940	-3.555	0.000%
32	3.545	-81.940	6.146	-3.545	81.940	-6.146	0.000%
33	0.011	-81.940	7.091	-0.011	81.940	-7.091	0.000%
34	-3.526	-81.940	6.135	3.526	81.940	-6.135	0.000%
35	-6.118	-81.940	3.536	6.118	81.940	-3.536	0.000%
36	-7.070	-81.940	-0.011	7.071	81.940	0.011	0.000%
37	-6.129	-81.940	-3.555	6.129	81.940	3.555	0.000%
38	-3.545	-81.940	-6.146	3.545	81.940	6.146	0.000%
39	-0.014	-45.193	-5.424	0.014	45.193	5.424	0.000%
40	2.685	-45.193	-4.690	-2.685	45.193	4.690	0.000%
41	4.664	-45.193	-2.700	-4.664	45.193	2.700	0.000%
42	5.393	-45.193	0.014	-5.393	45.193	-0.014	0.000%
43	4.677	-45.193	2.724	-4.677	45.193	-2.724	0.000%
44	2.708	-45.193	4.704	-2.708	45.193	-4.704	0.000%
45	0.014	-45.193	5.424	-0.014	45.193	-5.424	0.000%

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
46	-2.685	-45.193	4.690	2.685	45.193	-4.690	0.000%
47	-4.664	-45.193	2.700	4.664	45.193	-2.700	0.000%
48	-5.393	-45.193	-0.014	5.393	45.193	0.014	0.000%
49	-4.677	-45.193	-2.724	4.677	45.193	2.724	0.000%
50	-2.708	-45.193	-4.704	2.708	45.193	4.704	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	5	0.00000001	0.00006850
3	Yes	5	0.00000001	0.00003110
4	Yes	6	0.00000001	0.00027466
5	Yes	6	0.00000001	0.00008432
6	Yes	6	0.00000001	0.00027696
7	Yes	6	0.00000001	0.00008525
8	Yes	5	0.00000001	0.00011969
9	Yes	5	0.00000001	0.00005457
10	Yes	6	0.00000001	0.00026853
11	Yes	6	0.00000001	0.00008178
12	Yes	6	0.00000001	0.00028427
13	Yes	6	0.00000001	0.00008739
14	Yes	5	0.00000001	0.00014398
15	Yes	5	0.00000001	0.00006521
16	Yes	6	0.00000001	0.00027223
17	Yes	6	0.00000001	0.00008371
18	Yes	6	0.00000001	0.00026857
19	Yes	6	0.00000001	0.00008249
20	Yes	5	0.00000001	0.00019547
21	Yes	5	0.00000001	0.00008880
22	Yes	6	0.00000001	0.00028450
23	Yes	6	0.00000001	0.00008751
24	Yes	6	0.00000001	0.00027013
25	Yes	6	0.00000001	0.00008219
26	Yes	4	0.00000001	0.00008654
27	Yes	5	0.00012512	0.00094873
28	Yes	6	0.00000001	0.00021990
29	Yes	6	0.00000001	0.00022134
30	Yes	5	0.00012498	0.00094030
31	Yes	6	0.00000001	0.00021306
32	Yes	6	0.00000001	0.00021804
33	Yes	5	0.00012435	0.00092367
34	Yes	6	0.00000001	0.00021020
35	Yes	6	0.00000001	0.00020800
36	Yes	5	0.00012442	0.00092427
37	Yes	6	0.00000001	0.00022023
38	Yes	6	0.00000001	0.00021610
39	Yes	4	0.00000001	0.00012129
40	Yes	4	0.00000001	0.00044773
41	Yes	4	0.00000001	0.00046225
42	Yes	4	0.00000001	0.00013278
43	Yes	4	0.00000001	0.00040645
44	Yes	4	0.00000001	0.00048795
45	Yes	4	0.00000001	0.00012210
46	Yes	4	0.00000001	0.00042351

47	Yes	4	0.00000001	0.00040641
48	Yes	4	0.00000001	0.00013561
49	Yes	4	0.00000001	0.00049369
50	Yes	4	0.00000001	0.00041465

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	180 - 133	27.748	39	1.679	0.006
L2	137 - 87.33	14.350	39	1.158	0.002
L3	92.66 - 42.66	5.961	39	0.648	0.001
L4	49.33 - 0	1.614	39	0.306	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
180.000	NNVV-65B-R4 w/ Mount Pipe	39	27.748	1.679	0.007	27279
175.000	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	39	26.056	1.618	0.006	27279
167.000	JAHH-65B-R3B	39	23.377	1.522	0.005	10492
75.000	KS24019-L112A	39	3.800	0.491	0.001	7033

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	180 - 133	149.594	2	9.022	0.033
L2	137 - 87.33	77.581	2	6.263	0.010
L3	92.66 - 42.66	32.257	24	3.508	0.004
L4	49.33 - 0	8.734	24	1.655	0.001

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
180.000	NNVV-65B-R4 w/ Mount Pipe	2	149.594	9.022	0.036	5298
175.000	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	2	140.508	8.704	0.032	5298
167.000	JAHH-65B-R3B	2	126.117	8.195	0.027	2035
75.000	KS24019-L112A	24	20.559	2.659	0.003	1301

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	180 - 133 (1)	TP27.51x15.5x0.25	47.000	0.000	0.0	20.820	-13.406	1217.960	0.011
L2	133 - 87.33 (2)	TP38.56x25.988x0.375	49.670	0.000	0.0	43.844	-22.432	2564.870	0.009
L3	87.33 - 42.66 (3)	TP49.1x36.461x0.438	50.000	0.000	0.0	65.233	-35.561	3816.110	0.009
L4	42.66 - 0 (4)	TP59x46.539x0.438	49.330	0.000	0.0	81.321	-54.213	4757.300	0.011

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	180 - 133 (1)	TP27.51x15.5x0.25	621.878	812.516	0.765	0.000	812.516	0.000
L2	133 - 87.33 (2)	TP38.56x25.988x0.375	1515.258	2442.142	0.620	0.000	2442.142	0.000
L3	87.33 - 42.66 (3)	TP49.1x36.461x0.438	2545.950	4530.550	0.562	0.000	4530.550	0.000
L4	42.66 - 0 (4)	TP59x46.539x0.438	3899.625	6570.458	0.594	0.000	6570.458	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	180 - 133 (1)	TP27.51x15.5x0.25	18.464	365.387	0.051	1.064	839.575	0.001
L2	133 - 87.33 (2)	TP38.56x25.988x0.375	21.898	769.461	0.028	1.673	2482.208	0.001
L3	87.33 - 42.66 (3)	TP49.1x36.461x0.438	25.589	1144.830	0.022	1.852	4709.800	0.000
L4	42.66 - 0 (4)	TP59x46.539x0.438	29.209	1427.190	0.020	1.917	7319.500	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	180 - 133 (1)	0.011	0.765	0.000	0.051	0.001	0.779	1.050	4.8.2 ✔
L2	133 - 87.33 (2)	0.009	0.620	0.000	0.028	0.001	0.630	1.050	4.8.2 ✔

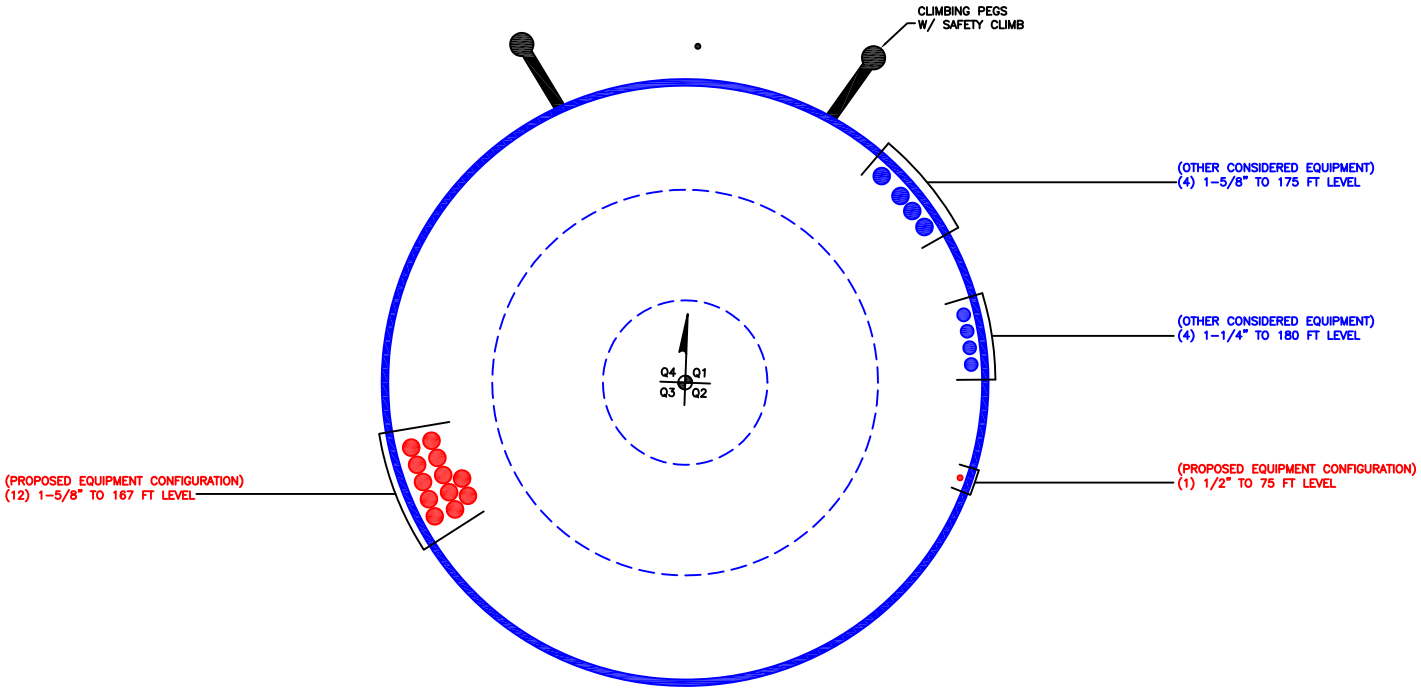
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L3	87.33 - 42.66 (3)	0.009	0.562	0.000	0.022	0.000	0.572 ✔	1.050	4.8.2 ✔
L4	42.66 - 0 (4)	0.011	0.594	0.000	0.020	0.000	0.605 ✔	1.050	4.8.2 ✔

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	180 - 133	Pole	TP27.51x15.5x0.25	1	-13.406	1278.858	74.2	Pass
L2	133 - 87.33	Pole	TP38.56x25.988x0.375	2	-22.432	2693.113	60.0	Pass
L3	87.33 - 42.66	Pole	TP49.1x36.461x0.438	3	-35.561	4006.915	54.5	Pass
L4	42.66 - 0	Pole	TP59x46.539x0.438	4	-54.213	4995.165	57.7	Pass
							Summary	
							Pole (L1) 74.2	Pass
							RATING =	**74.2** **Pass**

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 876370

APPENDIX C

ADDITIONAL CALCULATIONS

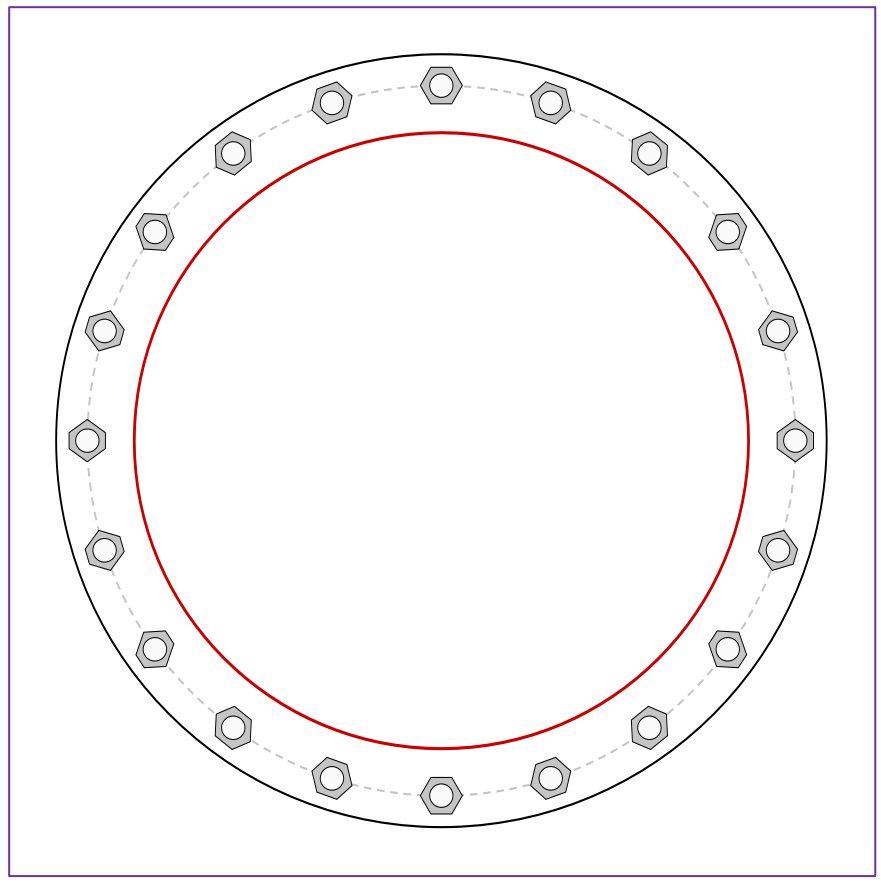
Monopole Base Plate Connection

Site Info	
BU #	876370
Site Name	MAYBROOK / BOND, C
Order #	583756, Rev. 1

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	2.625

Applied Loads	
Moment (kip-ft)	3899.63
Axial Force (kips)	54.21
Shear Force (kips)	29.21

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(20) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 68" BC

Base Plate Data

74" OD x 2" Plate (A871 Gr 60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

N/A

Pole Data

59" x 0.4375" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary *(units of kips, kip-in)*

Pu_t = 134.86	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.46	ϕVn = 149.1	**52.7%**
Mu = 2.49	ϕMn = 128.14	**Pass**

Base Plate Summary

Max Stress (ksi):	41.08	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**72.5%**	**Pass**

PROJECT	**135737.004.01 - MAYBROOK / BOND,**
SUBJECT	**Foundation Reaction Comparison**
DATE	**08/17/21**

B+T GRP
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630

v1.3.2

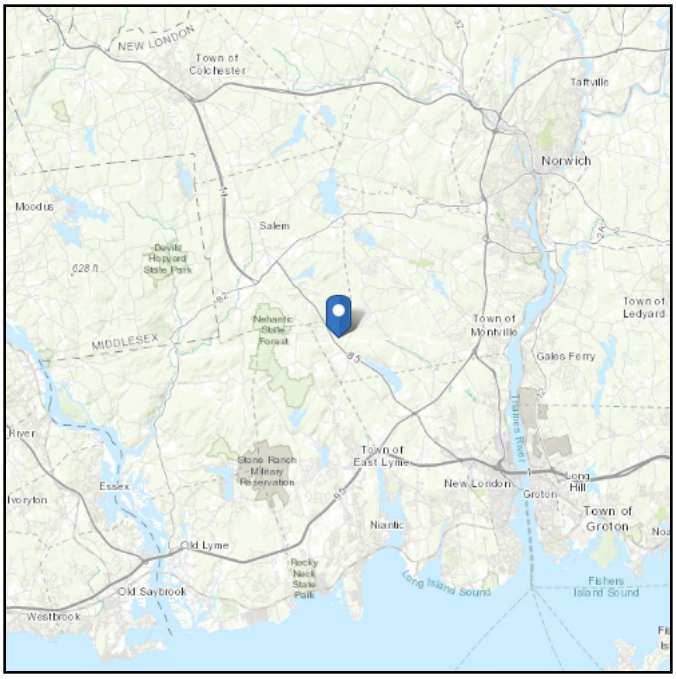
TIA Rev. H - Monopole

Base Reaction Type	Unfactored Original Design Reactions		Factored Reactions		Rating % with TIA-222-H Seciton 15.5 applied	
MP Base Shear	33.33	kips	29	kips	**61.4%**	Pass
MP Overturning Moment	4315.63	kip-ft	3900	kip-ft	**63.8%**	Pass

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-10	**Elevation:**	256.7 ft (NAVD 88)
Risk Category:	II	**Latitude:**	41.435461
Soil Class:	D - Stiff Soil	**Longitude:**	-72.220853



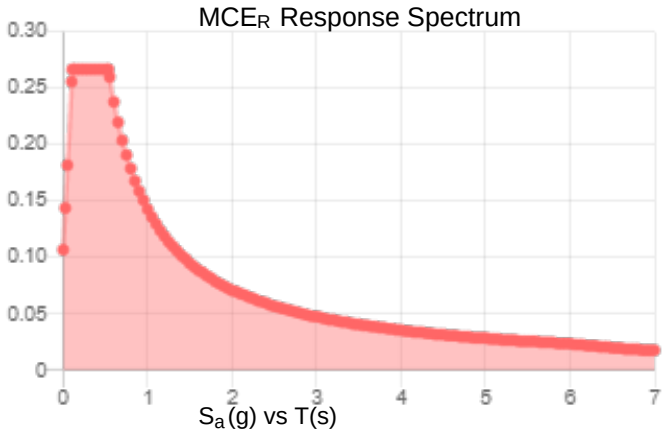
Seismic

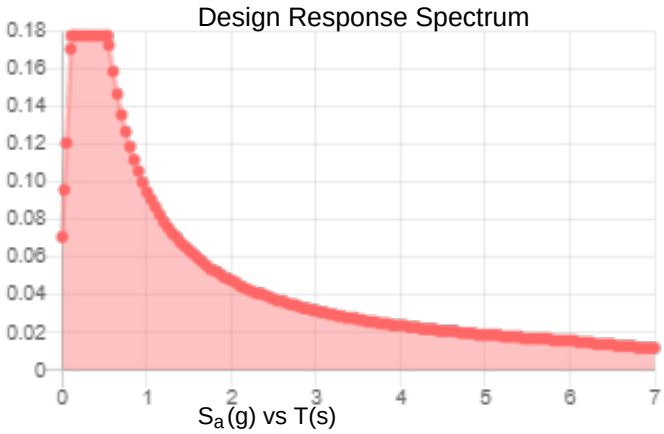
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.167	S_{DS} :	0.178
S_1 :	0.06	S_{D1} :	0.095
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.084
S_{MS} :	0.267	PGA_M :	0.134
S_{M1} :	0.143	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Mon Aug 16 2021

Date Source: USGS Seismic Design Maps based on ASCE/SEI 7-10, incorporating Supplement 1 and errata of March 31, 2013, and ASCE/SEI 7-10 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-10 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness:	0.75 in.
Concurrent Temperature:	15 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Mon Aug 16 2021

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 50-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Exhibit E

Mount Analysis

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
856.797.0412
peter.albano@colliersengineering.com

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10046595
Maser Consulting Connecticut Project #: 21777310A

August 6, 2021

Site Information	*Site ID:*	*467302-VZW / CHESTERFIELD CT*
	Site Name:	*CHESTERFIELD CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*41 Beckwith Rd* *Oakdale, Connecticut 06370* *New London County*
	Latitude:	*41.435472°*
	Longitude:	*-72.220833°*
Structure Information	*Tower Type:*	*180-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

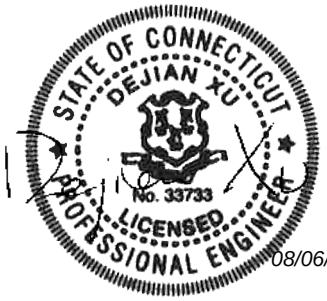
FUZE ID # 16272130

Analysis Results

Platform: **49.8% Pass**

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

Report Prepared By: Jean Pierre Chahwan



08/06/2021

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: 674859, dated July 27, 2021*
Mount Mapping Form	*Roaming Networks Inc, Site ID: 467302, dated April 5, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	125 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.991
Seismic Parameters:	S_S:	0.201
	S_1:	0.054
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
166.50	167.00	3	Samsung	MT6407-77A	Added
		3	Commscope	CBC78T-DS-43-2X	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		6	Commscope	JAHH-65B-R3B	Retained
		6	Amphenol Antel	LPA-80080-4CF	
		1	Raycap	RRFDC-6627-PF-48	

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Maser Consulting Connecticut.

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	9.3 %	Pass
Standoff Horizontal	13.4 %	Pass
Platform Crossmember	10.2 %	Pass
Corner Plate	17.6 %	Pass
Grating Support	16.9 %	Pass
Cross Arm Plate	32.9 %	Pass
Support Rail	21.7 %	Pass
Support Rail Corner	11.7 %	Pass
Kicker	8.5 %	Pass
Mount Pipe	49.2 %	Pass
Mount Connection	49.8%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**49.8%**

Recommendation:

The existing mount is **SUFFICIENT** for the final loading configuration and do not require modifications.

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

Attachments:

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


04/04/2021 14:24:27
CHESTERFIELD CT


04/04/2021 15:52:54
-72.48896, 41.58729
CHESTERFIELD CT

V3.0 Updated on 8-31-2020

PAUL J. FORD & COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

FCC #
N/A

Tower Owner:	Crown Castle	**Mapping Date:**	4/5/2021
Site Name:	CHESTERFIELD CT	**Tower Type:**	Monopole
Site Number or ID:	467302	**Tower Height (Ft.):**	N/A
Mapping Contractor:	Roaming Networks Inc.	**Mount Elevation (Ft.):**	163

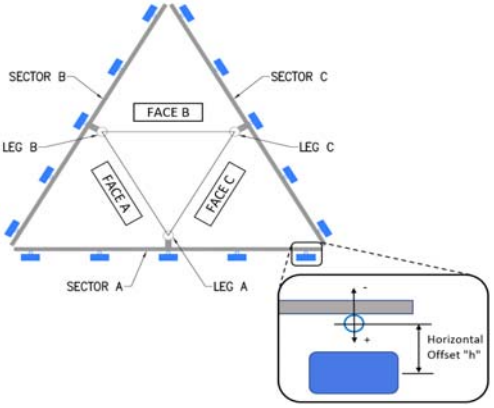
Mount Pipe Configuration and Geometries [Unit = Inches]

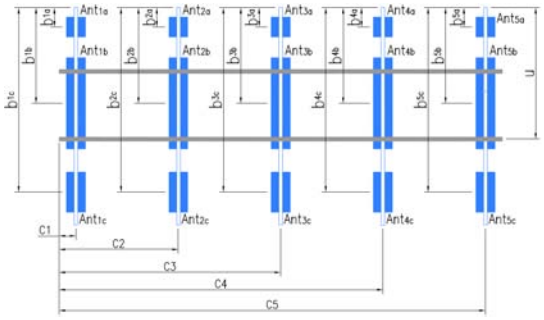
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	PIPE 2.375"Ø X 0.14" X 96" LONG	45.00	19.00	C1	PIPE 2.375"Ø X 0.14" X 96" LONG	45.00	19.00
A2	PIPE 2.375"Ø X 0.14" X 96" LONG	45.00	54.00	C2	PIPE 2.375"Ø X 0.14" X 96" LONG	45.00	54.00
A3	PIPE 2.375"Ø X 0.14" X 96" LONG	45.00	99.00	C3	PIPE 2.375"Ø X 0.14" X 96" LONG	45.00	99.00
A4	PIPE 2.375"Ø X 0.14" X 96" LONG	45.00	133.00	C4	PIPE 2.375"Ø X 0.14" X 96" LONG	45.00	133.00
A5				C5			
A6				C6			
B1	PIPE 2.375"Ø X 0.14" X 96" LONG	45.00	19.00	D1			
B2	PIPE 2.375"Ø X 0.14" X 96" LONG	45.00	54.00	D2			
B3	PIPE 2.375"Ø X 0.14" X 96" LONG	45.00	99.00	D3			
B4	PIPE 2.375"Ø X 0.14" X 96" LONG	45.00	133.00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	4.5
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.):	19.57



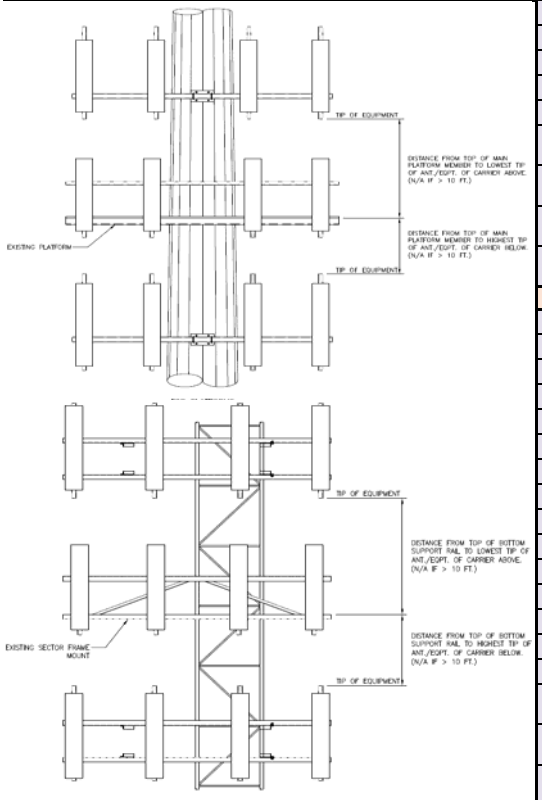


Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}	NOKIA AHCA	11.60	9.00	21.60		165.083	20.00	-8.00		9
Ant_{1b}	(2) JAHH-65B-R3B-V2	13.78	8.19	71.97		163.417	40.00	15.00	45.00	7, 8
Ant_{1c}										
Ant_{2a}	B13 RRH 4x30	12.00	9.00	21.60		163.75	36.00	-5.00		10
Ant_{2b}	LPA-80080/4CF-EDIN	5.50	13.20	47.20		163.417	40.00	14.00	45.00	11
Ant_{2c}										
Ant_{3a}	B66a RRH4x45	11.80	7.20	25.80		165.083	20.00	-7.00		4
Ant_{3b}										
Ant_{3c}										
Ant_{4a}	B25 RRH 4x30	11.97	7.18	21.20		165.083	20.00	-7.00		5
Ant_{4b}	LPA-80080/4CF -EDIN	5.50	13.20	47.20		163	45.00	14.00	45.00	6
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector		
Sector A:	35.00	Deg	Leg A:		Deg
Sector B:	155.00	Deg	Leg B:		Deg
Sector C:	275.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	35.00	Deg	Sector A
Climbing Facility	Corrosion Type:		N/A
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}	B13 RRH 4x30	12.00	9.00	21.60		163.75	36.00	-5.00		228
Ant_{1b}	LPA-80080/4CF-EDIN	5.50	13.20	47.20		163.417	40.00	14.00	155.00	228
Ant_{1c}										
Ant_{2a}	NOKIA AHCA	11.60	6.50	13.30		165.083	20.00	-8.00		225
Ant_{2b}	(2) JAHH-65B-R3B-V2	13.78	8.19	71.97		163.417	40.00	15.00	155.00	225
Ant_{2c}										
Ant_{3a}	B66a RRH4x45	11.80	7.20	25.80		165.083	20.00	-7.00		229
Ant_{3b}										
Ant_{3c}										
Ant_{4a}	B25 RRH 4x30	11.97	7.18	21.20		165.083	20.00	-7.00		229
Ant_{4b}	LPA-80080/4CF -EDIN	5.50	13.20	47.20		163	45.00	14.00	155.00	229
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	B13 RRH 4x30	12.00	9.00	21.60		163.75	36.00	-5.00		242
Ant_{1b}	LPA-80080/4CF-EDIN	5.50	13.20	47.20		163.417	40.00	14.00	264.00	242
Ant_{1c}										
Ant_{2a}	NOKIA AHCA	11.60	6.50	13.30		165.083	20.00	-8.00		242
Ant_{2b}	(2) JAHH-65B-R3B-V2	13.78	8.19	71.97		163.417	40.00	15.00	264.00	242
Ant_{2c}										
Ant_{3a}	B66a RRH4x45	11.80	7.20	25.80		165.083	20.00	-7.00		242
Ant_{3b}										
Ant_{3c}										
Ant_{4a}	B25 RRH 4x30	11.97	7.18	21.20		165.083	20.00	-7.00		241
Ant_{4b}	LPA-80080/4CF -EDIN	5.50	13.20	47.20		163	45.00	14.00	264.00	241
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RRFDC-6627-PF-48									257
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

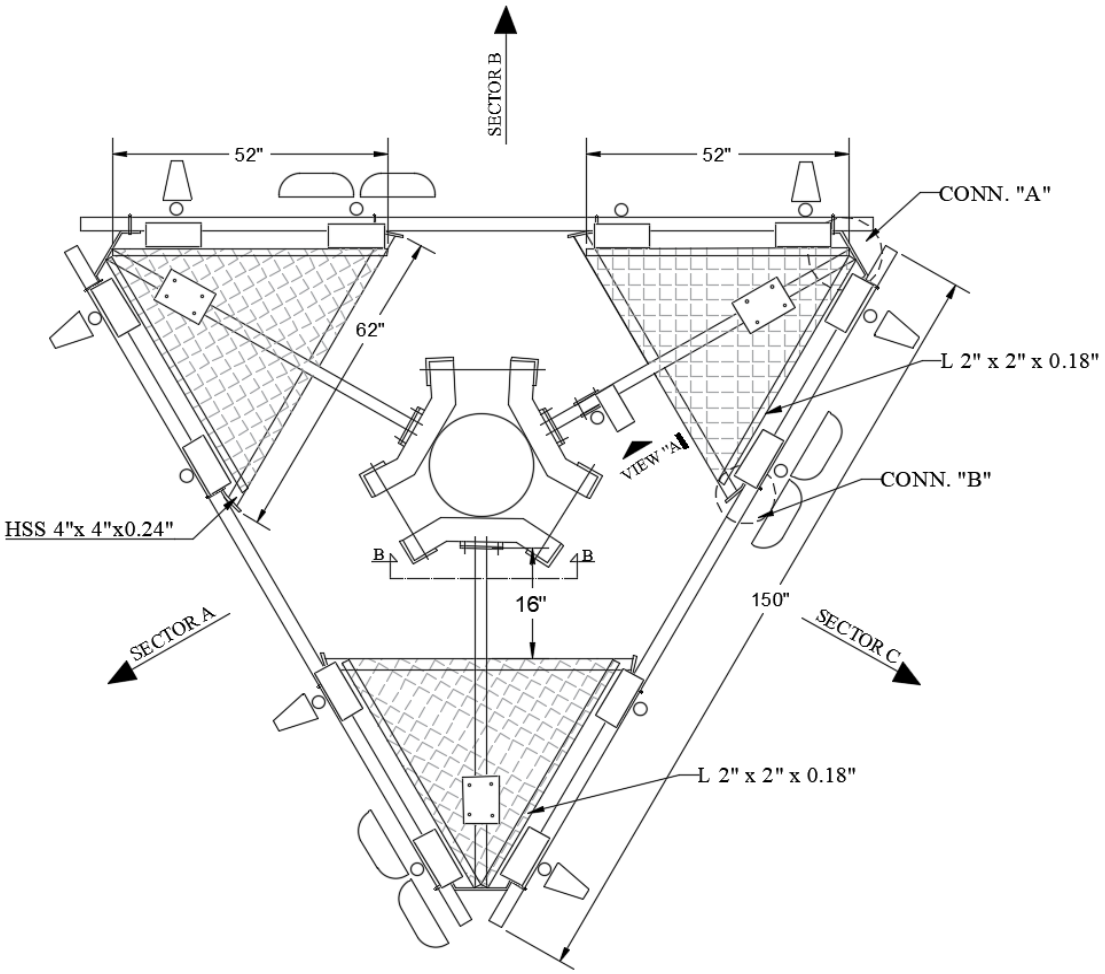
PAUL J. FORD & COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

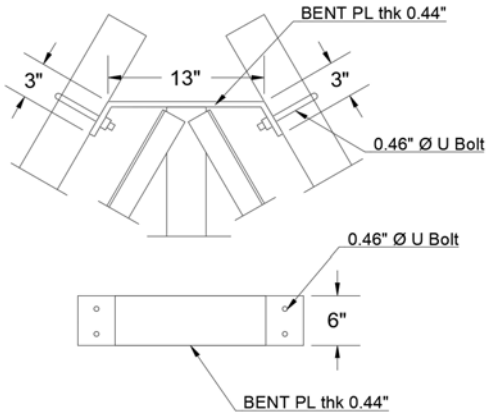
FCC #
N/A

Tower Owner:	Crown Castle	**Mapping Date:**	4/5/2021
Site Name:	CHESTERFIELD CT	**Tower Type:**	Monopole
Site Number or ID:	467302	**Tower Height (Ft.):**	N/A
Mapping Contractor:	Roaming Networks Inc.	**Mount Elevation (Ft.):**	163

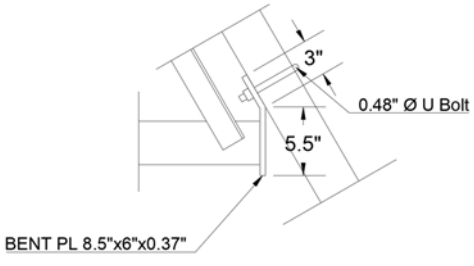
Please Insert Sketches of the Antenna Mount



Overall Mount Schematic

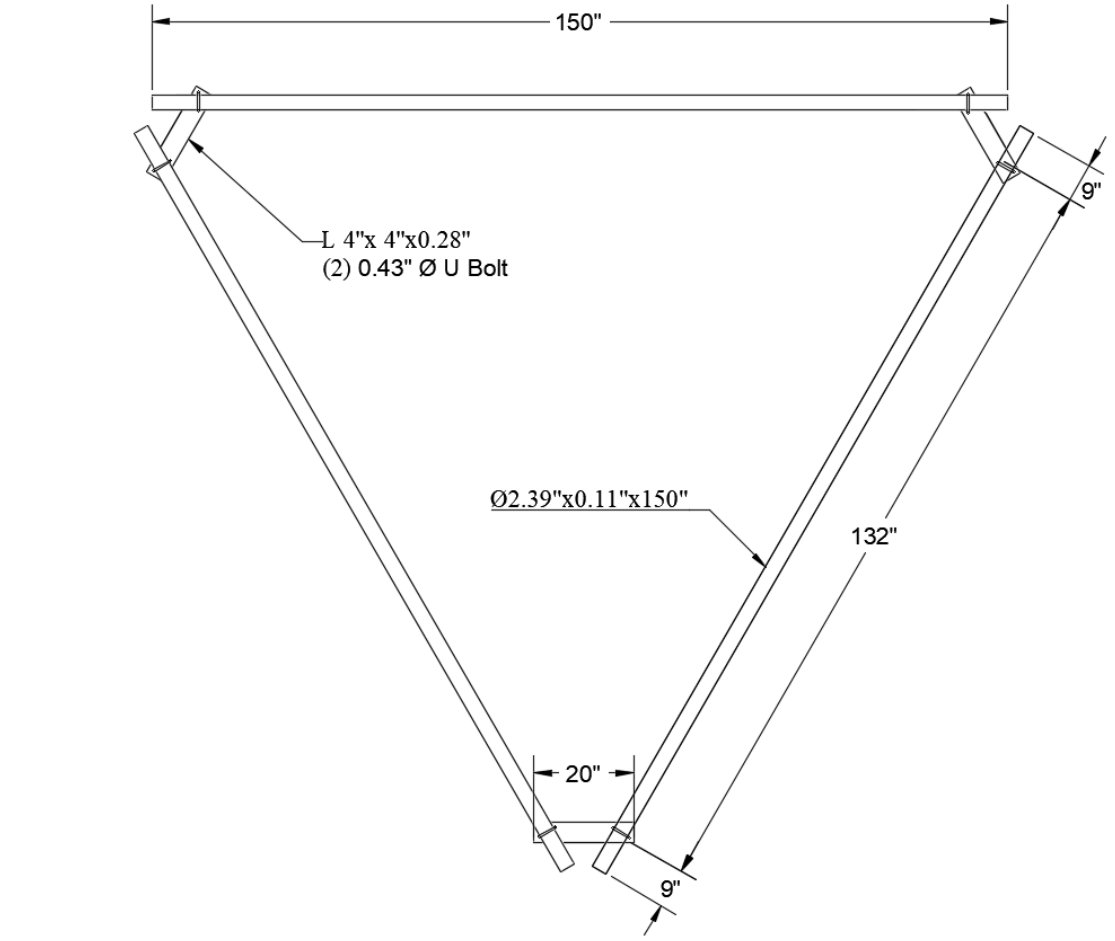


CONN. "A"

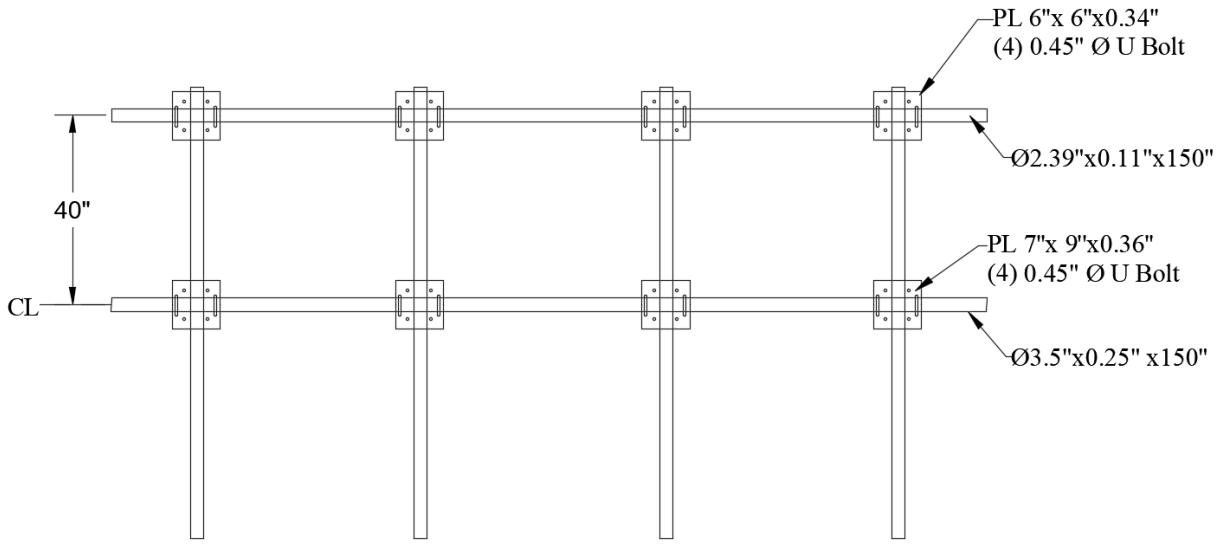


CONN. "B"

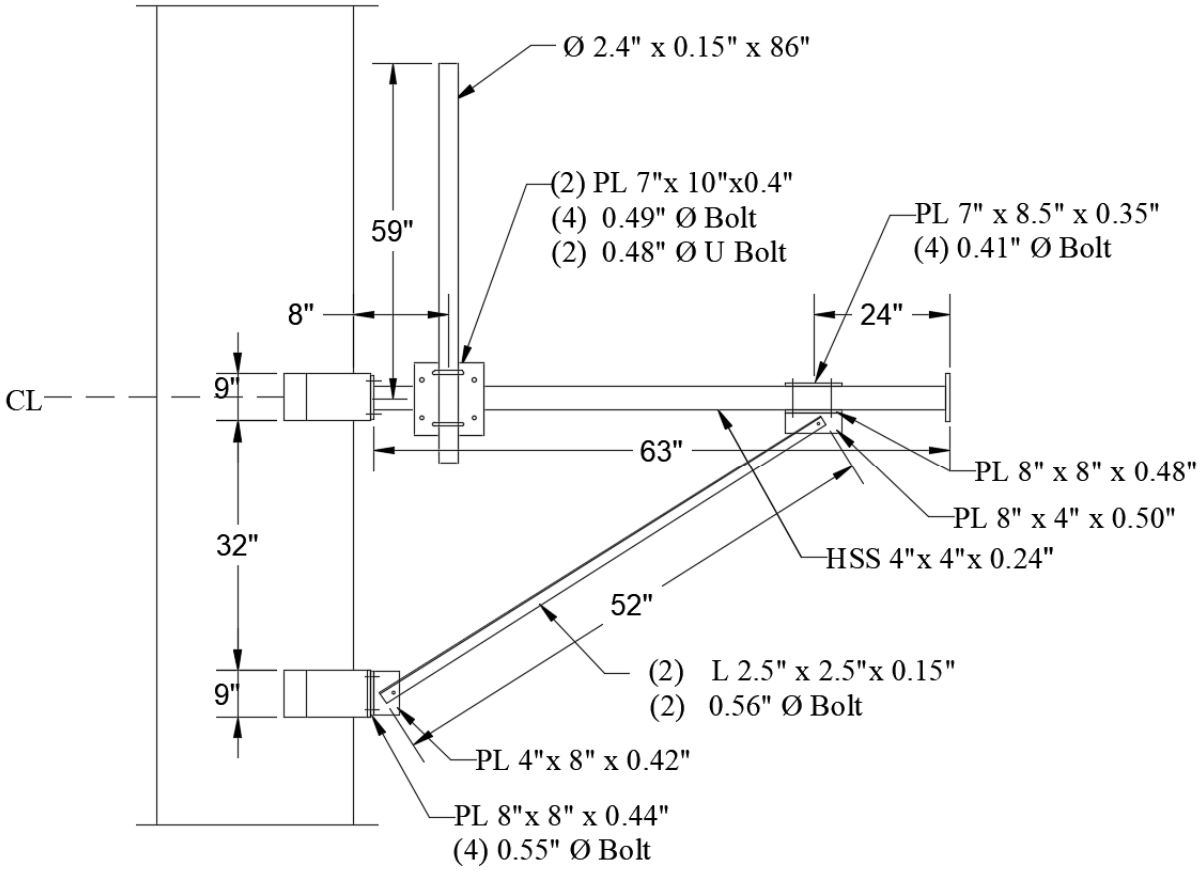
Please Insert Sketches of the Antenna Mount, cont'd



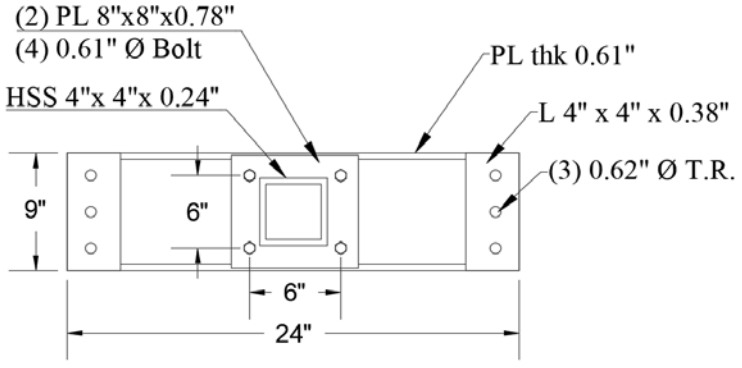
Support Rail



Please Insert Sketches of the Antenna Mount, cont'd



VIEW "A"



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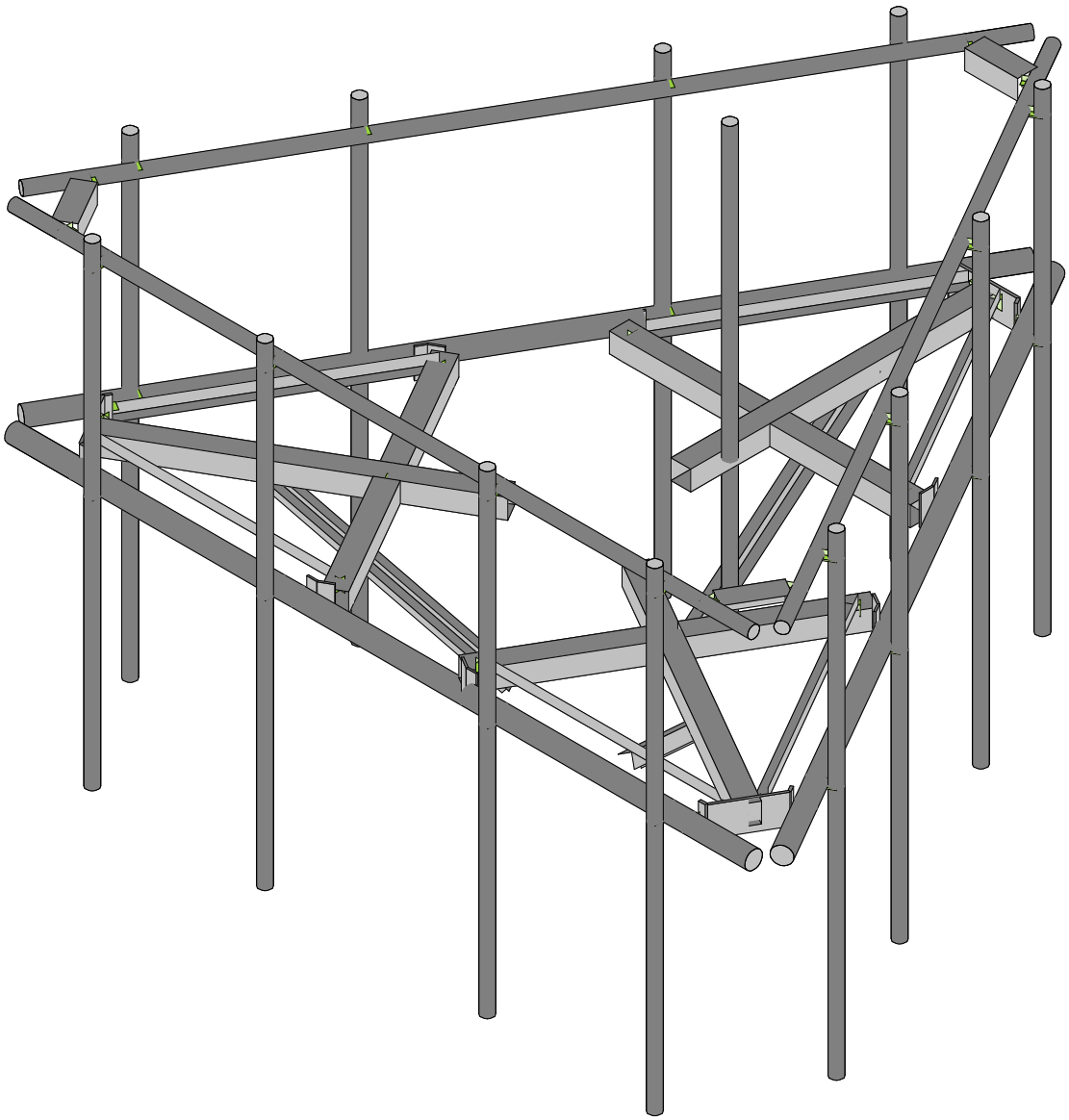
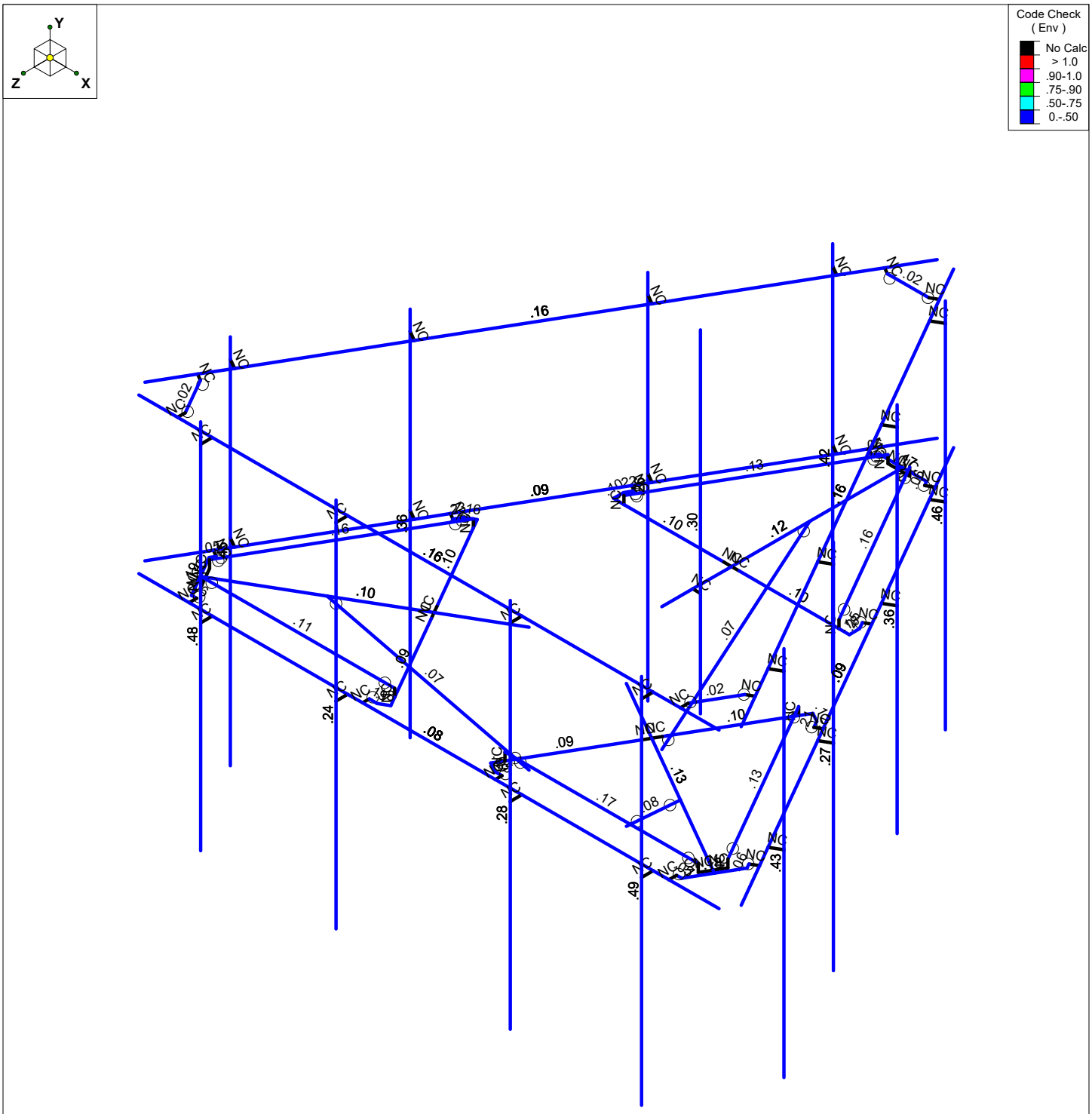
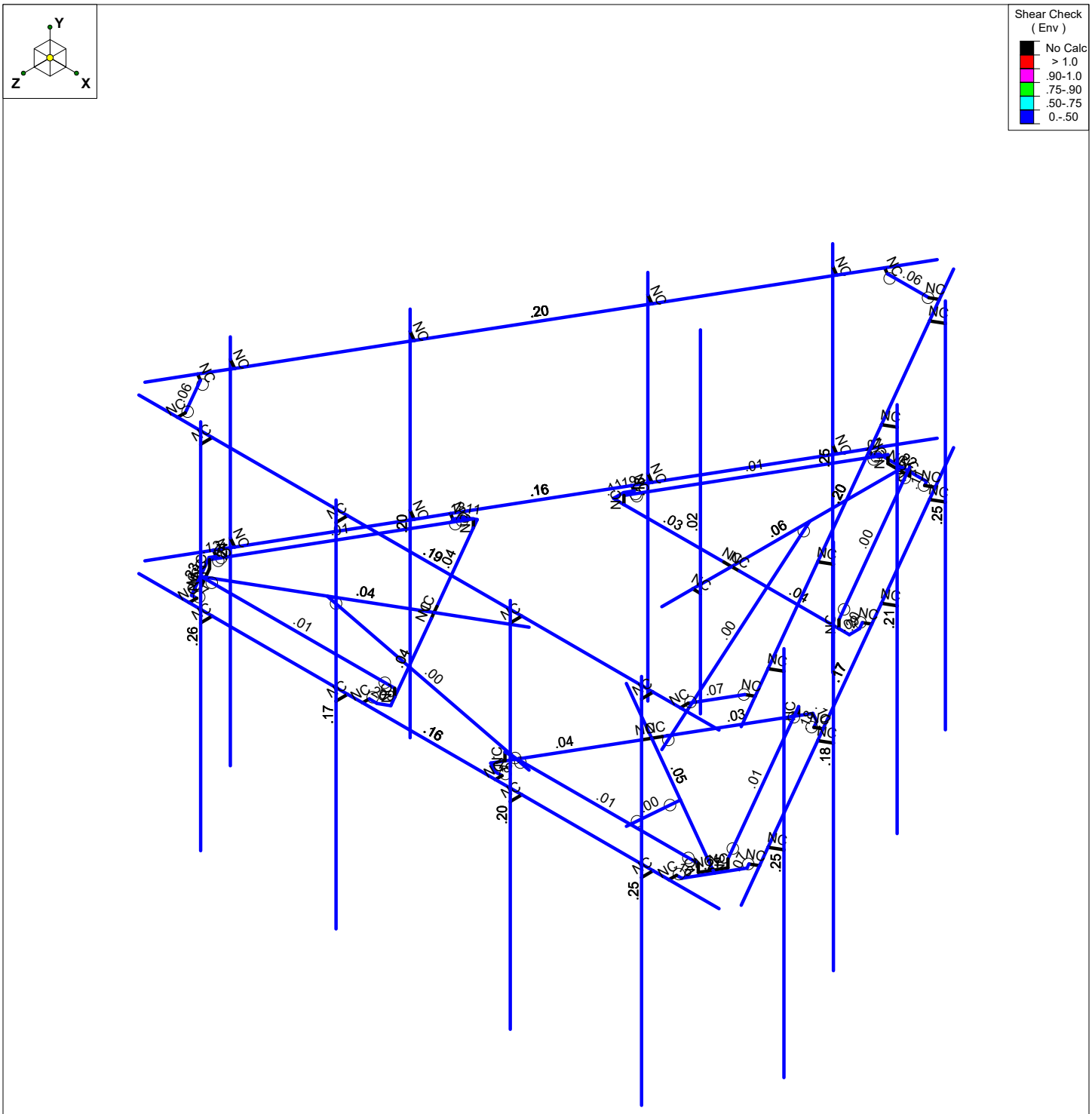


		SK - 1
		Aug 6, 2021 at 4:06 PM
		467302-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		Aug 6, 2021 at 4:06 PM
		467302-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		Aug 6, 2021 at 4:06 PM
		467302-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					120			
2	Antenna Di	None					120			
3	Antenna Wo (0 Deg)	None					120			
4	Antenna Wo (30 Deg)	None					120			
5	Antenna Wo (60 Deg)	None					120			
6	Antenna Wo (90 Deg)	None					120			
7	Antenna Wo (120 Deg)	None					120			
8	Antenna Wo (150 Deg)	None					120			
9	Antenna Wo (180 Deg)	None					120			
10	Antenna Wo (210 Deg)	None					120			
11	Antenna Wo (240 Deg)	None					120			
12	Antenna Wo (270 Deg)	None					120			
13	Antenna Wo (300 Deg)	None					120			
14	Antenna Wo (330 Deg)	None					120			
15	Antenna Wi (0 Deg)	None					120			
16	Antenna Wi (30 Deg)	None					120			
17	Antenna Wi (60 Deg)	None					120			
18	Antenna Wi (90 Deg)	None					120			
19	Antenna Wi (120 Deg)	None					120			
20	Antenna Wi (150 Deg)	None					120			
21	Antenna Wi (180 Deg)	None					120			
22	Antenna Wi (210 Deg)	None					120			
23	Antenna Wi (240 Deg)	None					120			
24	Antenna Wi (270 Deg)	None					120			
25	Antenna Wi (300 Deg)	None					120			
26	Antenna Wi (330 Deg)	None					120			
27	Antenna Wm (0 Deg)	None					120			
28	Antenna Wm (30 Deg)	None					120			
29	Antenna Wm (60 Deg)	None					120			
30	Antenna Wm (90 Deg)	None					120			
31	Antenna Wm (120 Deg)	None					120			
32	Antenna Wm (150 Deg)	None					120			
33	Antenna Wm (180 Deg)	None					120			
34	Antenna Wm (210 Deg)	None					120			
35	Antenna Wm (240 Deg)	None					120			
36	Antenna Wm (270 Deg)	None					120			
37	Antenna Wm (300 Deg)	None					120			
38	Antenna Wm (330 Deg)	None					120			
39	Structure D	None		-1					3	
40	Structure Di	None						61	3	
41	Structure Wo (0 Deg)	None						122		
42	Structure Wo (30 Deg)	None						122		
43	Structure Wo (60 Deg)	None						122		
44	Structure Wo (90 Deg)	None						122		
45	Structure Wo (120 D...	None						122		
46	Structure Wo (150 D...	None						122		
47	Structure Wo (180 D...	None						122		
48	Structure Wo (210 D...	None						122		
49	Structure Wo (240 D...	None						122		
50	Structure Wo (270 D...	None						122		
51	Structure Wo (300 D...	None						122		
52	Structure Wo (330 D...	None						122		
53	Structure Wi (0 Deg)	None						122		
54	Structure Wi (30 Deg)	None						122		
55	Structure Wi (60 Deg)	None						122		
56	Structure Wi (90 Deg)	None						122		

Basic Load Cases (Continued)

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

Load Combinations

	Descripti...	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										

Load Combinations (Continued)

	Descripti...	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
27	1.2D + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1...	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1...	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	Seismic ...		Y		1	1	39	1																
53	1.2D + 1...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866										
55	1.2D + 1...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5										
62	1.2D + 1...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5										
64	1.2D + 1...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	0	3.810523	0	
2	N2	-6.25	0	3.810523	0	
3	N3	-0.	0	-1.208333	0	
4	N5	-2.541667	0	-2.708333	0	
5	N6	2.315104	0.166667	-2.708333	0	
6	N7	-2.315104	0.166667	-2.708333	0	
7	N24	-0.	0	-2.708333	0	
8	N27	-0.	0	-6.395833	0	
9	CP	0	0	0	0	
10	N29	2.315104	0	-2.708333	0	
11	N30	-2.315104	0	-2.708333	0	
12	N101	2.541667	0	-2.708333	0	
13	N102	-0.166667	0	-2.708333	0	
14	N103A	0.166667	0	-2.708333	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N104A	-2.541667	0	-2.927083	0	
16	N105	2.541667	0	-2.927083	0	
17	N131	2.458333	0	-3.071421	0	
18	N135	0.571615	0	-6.298857	0	
19	N144	-2.458333	0	-3.071421	0	
20	N148	-0.571615	0	-6.298857	0	
21	N86A	2.584629	0	-3.144338	0	
22	N86B	-2.584629	0	-3.144338	0	
23	N86C	-0.515625	0	-6.395833	0	
24	N87A	0.515625	0	-6.395833	0	
25	N86D	0.715429	0	-6.381888	0	
26	N86E	-0.715429	0	-6.381888	0	
27	N88A	-0.	0	-6.3125	0	
28	N87C	0.234238	0.166667	-6.3125	0	
29	N86G	0.234238	0	-6.3125	0	
30	N87B	-0.234238	0.166667	-6.3125	0	
31	N88C	-0.234238	0	-6.3125	0	
32	N87D	-1.046447	0	0.604167	0	
33	N88B	-1.074652	0	3.555315	0	
34	N89	-3.503038	0.166667	-0.650772	0	
35	N90	-1.187933	0.166667	3.359106	0	
36	N91	-2.345485	0	1.354167	0	
37	N92	-5.538954	0	3.197917	0	
38	N93	-3.503038	0	-0.650772	0	
39	N94	-1.187933	0	3.359106	0	
40	N95	-3.616319	0	-0.846981	0	
41	N96	-2.262152	0	1.498504	0	
42	N97	-2.428819	0	1.209829	0	
43	N98	-1.264095	0	3.66469	0	
44	N99	-3.805762	0	-0.737606	0	
45	N100	-3.889095	0	-0.593269	0	
46	N101A	-5.740777	0	2.654396	0	
47	N102A	-1.430762	0	3.66469	0	
48	N103	-5.169162	0	3.644461	0	
49	N104	-4.015391	0	-0.666185	0	
50	N105A	-1.430762	0	3.810523	0	
51	N106	-5.281142	0	3.644461	0	
52	N107	-5.796767	0	2.751372	0	
53	N108	-5.884591	0	2.571364	0	
54	N109	-5.169162	0	3.810523	0	
55	N110	-5.466785	0	3.15625	0	
56	N111	-5.583904	0.166667	2.953394	0	
57	N112	-5.583904	0	2.953394	0	
58	N113	-5.349667	0.166667	3.359106	0	
59	N114	-5.349667	0	3.359106	0	
60	N115	1.046447	0	0.604167	0	
61	N116	3.616319	0	-0.846981	0	
62	N117	1.187933	0.166667	3.359106	0	
63	N118	3.503038	0.166667	-0.650772	0	
64	N119	2.345485	0	1.354167	0	
65	N120	5.538954	0	3.197917	0	
66	N121	1.187933	0	3.359106	0	
67	N122	3.503038	0	-0.650772	0	
68	N123	1.074652	0	3.555315	0	
69	N124	2.428819	0	1.209829	0	
70	N125	2.262152	0	1.498504	0	
71	N126	3.805762	0	-0.737606	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N127	1.264095	0	3.66469	0	
73	N128	1.430762	0	3.66469	0	
74	N129	5.169162	0	3.644461	0	
75	N130	3.889095	0	-0.593269	0	
76	N131A	5.740777	0	2.654396	0	
77	N132	1.430762	0	3.810523	0	
78	N133	4.015391	0	-0.666186	0	
79	N134	5.796767	0	2.751372	0	
80	N135A	5.281142	0	3.644461	0	
81	N136	5.169162	0	3.810523	0	
82	N137	5.884591	0	2.571364	0	
83	N138	5.466785	0	3.15625	0	
84	N139	5.349667	0.166667	3.359106	0	
85	N140	5.349667	0	3.359106	0	
86	N141	5.583904	0.166667	2.953394	0	
87	N142	5.583904	0	2.953394	0	
88	N104B	0.17501	0	-7.31792	0	
89	N105B	6.42501	0	3.507397	0	
90	N124A	-6.42501	0	3.507397	0	
91	N125A	-0.17501	0	-7.31792	0	
92	N144A	6.25	3.333333	3.810523	0	
93	N145	-6.25	3.333333	3.810523	0	
94	N157	-5.419162	3.333333	3.644461	0	
95	N159	-5.419162	3.333333	3.810523	0	
96	N160	5.419162	3.333333	3.644461	0	
97	N162	5.419162	3.333333	3.810523	0	
98	N164	0.17501	3.333333	-7.31792	0	
99	N165	6.42501	3.333333	3.507397	0	
100	N166	-6.42501	3.333333	3.507397	0	
101	N167	-0.17501	3.333333	-7.31792	0	
102	N106A	5.865777	3.333333	2.870902	0	
103	N107A	6.009591	3.333333	2.787871	0	
104	N108A	0.446615	3.333333	-6.515363	0	
105	N109A	0.590429	3.333333	-6.598394	0	
106	N110A	-0.446615	3.333333	-6.515363	0	
107	N111A	-0.590429	3.333333	-6.598394	0	
108	N112A	-5.865777	3.333333	2.870902	0	
109	N113A	-6.009591	3.333333	2.787871	0	
110	N112B	-0.	0	-4.395833	0	
111	N113B	-0.	-2.666667	-1.208333	0	
112	N114A	-3.806903	0	2.197917	0	
113	N115A	-1.046447	-2.666667	0.604167	0	
114	N116A	3.806903	0	2.197917	0	
115	N117A	1.046447	-2.666667	0.604167	0	
116	N120A	2	0	3.810523	0	
117	N121A	2	3.333333	3.810523	0	
118	N122A	2	0	4.060523	0	
119	N123A	2	3.333333	4.060523	0	
120	N132A	-4.666667	0	3.810523	0	
121	N133A	-4.666667	3.333333	3.810523	0	
122	N134A	-4.666667	0	4.060523	0	
123	N135B	-4.666667	3.333333	4.060523	0	
124	N136A	-1.75	0	3.810523	0	
125	N137A	-1.75	3.333333	3.810523	0	
126	N138A	-1.75	0	4.060523	0	
127	N139A	-1.75	3.333333	4.060523	0	
128	N144B	4.833333	0	3.810523	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N145A	4.833333	3.333333	3.810523	0	
130	N146	4.833333	0	4.060523	0	
131	N147	4.833333	3.333333	4.060523	0	
132	N132B	2	3.75	4.060523	0	
133	N133B	-4.666667	3.75	4.060523	0	
134	N134B	-1.75	3.75	4.060523	0	
135	N135C	4.833333	3.75	4.060523	0	
136	N136B	2	-4.25	4.060523	0	
137	N137B	-4.666667	-4.25	4.060523	0	
138	N138B	-1.75	-4.25	4.060523	0	
139	N139B	4.833333	-4.25	4.060523	0	
140	N140A	2.30001	0	-3.637312	0	
141	N141A	2.30001	3.333333	-3.637312	0	
142	N142A	2.516516	0	-3.762312	0	
143	N143	2.516516	3.333333	-3.762312	0	
144	N144C	5.633343	0	2.13619	0	
145	N145B	5.633343	3.333333	2.13619	0	
146	N146A	5.84985	0	2.01119	0	
147	N147A	5.84985	3.333333	2.01119	0	
148	N148A	4.17501	0	-0.389717	0	
149	N149	4.17501	3.333333	-0.389717	0	
150	N150	4.391516	0	-0.514717	0	
151	N151	4.391516	3.333333	-0.514717	0	
152	N152	0.883343	0	-6.091051	0	
153	N153	0.883343	3.333333	-6.091051	0	
154	N154	1.09985	0	-6.216051	0	
155	N155	1.09985	3.333333	-6.216051	0	
156	N156	2.516516	3.75	-3.762312	0	
157	N157A	5.84985	3.75	2.01119	0	
158	N158	4.391516	3.75	-0.514717	0	
159	N159A	1.09985	3.75	-6.216051	0	
160	N160A	2.516516	-4.25	-3.762312	0	
161	N161	5.84985	-4.25	2.01119	0	
162	N162A	4.391516	-4.25	-0.514717	0	
163	N163	1.09985	-4.25	-6.216051	0	
164	N164A	-4.30001	0	-0.173211	0	
165	N165A	-4.30001	3.333333	-0.173211	0	
166	N166A	-4.516516	0	-0.298211	0	
167	N167A	-4.516516	3.333333	-0.298211	0	
168	N168	-0.966677	0	-5.946714	0	
169	N169	-0.966677	3.333333	-5.946714	0	
170	N170	-1.183183	0	-6.071714	0	
171	N171	-1.183183	3.333333	-6.071714	0	
172	N172	-2.42501	0	-3.420806	0	
173	N173	-2.42501	3.333333	-3.420806	0	
174	N174	-2.641516	0	-3.545806	0	
175	N175	-2.641516	3.333333	-3.545806	0	
176	N176	-5.716677	0	2.280528	0	
177	N177	-5.716677	3.333333	2.280528	0	
178	N178	-5.933183	0	2.155528	0	
179	N179	-5.933183	3.333333	2.155528	0	
180	N180	-4.516516	3.75	-0.298211	0	
181	N181	-1.183183	3.75	-6.071714	0	
182	N182	-2.641516	3.75	-3.545806	0	
183	N183	-5.933183	3.75	2.155528	0	
184	N184	-4.516516	-4.25	-0.298211	0	
185	N185	-1.183183	-4.25	-6.071714	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N186	-2.641516	-4.25	-3.545806	0	
187	N187	-5.933183	-4.25	2.155528	0	
188	N188	0	0	-1.875	0	
189	N189	0.166667	0	-1.875	0	
190	N190	0.166667	4.916667	-1.875	0	
191	N191	0.166667	-2.25	-1.875	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Ru...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6_HRA	Beam	BAR	A36 Gr.36	Typical	4.5	.211	13.5	.777
4	Platform Crossme...	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail Corner	L4X4X4	Beam	Single Angle	A36 Gr.36	Typical	1.93	3	3	.044
10	2.5 pipe	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
11	Kicker	LL2.5x2.5x3x0	Beam	Pipe	A36 Gr.36	Typical	1.8	1.91	1.07	.023

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rul...
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horizontal	Beam	SquareTube	A500 Gr....	Typical
3	M10	N101	N103A			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
4	M43	N102	N5			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
5	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
6	M35A	N7	N30			RIGID	None	None	RIGID	Typical
7	M36A	N6	N29			RIGID	None	None	RIGID	Typical
8	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
10	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
11	M58	N102	N24			RIGID	None	None	RIGID	Typical
12	M59	N24	N103A			RIGID	None	None	RIGID	Typical
13	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M79	N131	N86A			RIGID	None	None	RIGID	Typical
16	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
17	M83	N135	N86D			RIGID	None	None	RIGID	Typical
18	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rul...
19	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M88	N144	N86B			RIGID	None	None	RIGID	Typical
21	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
22	M92	N148	N86E			RIGID	None	None	RIGID	Typical
23	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
24	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
25	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
26	M52A	N87D	N92			Standoff Horizontal	Beam	SquareTube	A500 Gr....	Typical
27	M53	N95	N97			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
28	M54	N96	N88B			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
29	M55	N106	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M56	N90	N94			RIGID	None	None	RIGID	Typical
31	M57	N89	N93			RIGID	None	None	RIGID	Typical
32	M58A	N111	N89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
33	M59A	N90	N113			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
34	M60	N113	N114			RIGID	None	None	RIGID	Typical
35	M61	N96	N91			RIGID	None	None	RIGID	Typical
36	M62	N91	N97			RIGID	None	None	RIGID	Typical
37	M63	N95	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
38	M64	N99	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
39	M65	N100	N104			RIGID	None	None	RIGID	Typical
40	M66	N107	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
41	M67	N101A	N108			RIGID	None	None	RIGID	Typical
42	M68	N88B	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
43	M69	N98	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
44	M70	N102A	N105A			RIGID	None	None	RIGID	Typical
45	M71	N106	N103			Corner Plate	Beam	BAR	A36 Gr.36	Typical
46	M72	N103	N109			RIGID	None	None	RIGID	Typical
47	M73	N114	N110			RIGID	None	None	RIGID	Typical
48	M74	N110	N112			RIGID	None	None	RIGID	Typical
49	M75	N111	N112			RIGID	None	None	RIGID	Typical
50	M76A	N115	N120			Standoff Horizontal	Beam	SquareTube	A500 Gr....	Typical
51	M77A	N123	N125			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
52	M78	N124	N116			Platform Crossmember	Beam	SquareTube	A500 Gr....	Typical
53	M79A	N134	N135A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M80A	N118	N122			RIGID	None	None	RIGID	Typical
55	M81	N117	N121			RIGID	None	None	RIGID	Typical
56	M82	N139	N117			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
57	M83A	N118	N141			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
58	M84A	N141	N142			RIGID	None	None	RIGID	Typical
59	M85A	N124	N119			RIGID	None	None	RIGID	Typical
60	M86	N119	N125			RIGID	None	None	RIGID	Typical
61	M87	N123	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
62	M88A	N127	N128			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
63	M89	N128	N132			RIGID	None	None	RIGID	Typical
64	M90	N135A	N129			Corner Plate	Beam	BAR	A36 Gr.36	Typical
65	M91A	N129	N136			RIGID	None	None	RIGID	Typical
66	M92A	N116	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M93	N126	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
68	M94	N130	N133			RIGID	None	None	RIGID	Typical
69	M95	N134	N131A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
70	M96	N131A	N137			RIGID	None	None	RIGID	Typical
71	M97	N142	N138			RIGID	None	None	RIGID	Typical
72	M98	N138	N140			RIGID	None	None	RIGID	Typical
73	M99	N139	N140			RIGID	None	None	RIGID	Typical
74	M82A	N104B	N105B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
75	M91B	N124A	N125A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rul...
76	M102	N144A	N145			Support Rail	Beam	Pipe	A53 Gr.B	Typical
77	M109	N157	N159			RIGID	None	None	RIGID	Typical
78	M110	N160	N162			RIGID	None	None	RIGID	Typical
79	M112	N164	N165			Support Rail	Beam	Pipe	A53 Gr.B	Typical
80	M113	N166	N167			Support Rail	Beam	Pipe	A53 Gr.B	Typical
81	M83B	N106A	N107A			RIGID	None	None	RIGID	Typical
82	M84B	N108A	N109A			RIGID	None	None	RIGID	Typical
83	M85B	N110A	N111A			RIGID	None	None	RIGID	Typical
84	M86A	N112A	N113A			RIGID	None	None	RIGID	Typical
85	M87A	N157	N112A		180	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
86	M88B	N106A	N160		180	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
87	M89A	N110A	N108A		180	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
88	M89B	N112B	N113B			Kicker	Beam	Pipe	A36 Gr.36	Typical
89	M90A	N114A	N115A			Kicker	Beam	Pipe	A36 Gr.36	Typical
90	M91C	N116A	N117A			Kicker	Beam	Pipe	A36 Gr.36	Typical
91	M93A	N121A	N123A			RIGID	None	None	RIGID	Typical
92	M94A	N120A	N122A			RIGID	None	None	RIGID	Typical
93	M99A	N133A	N135B			RIGID	None	None	RIGID	Typical
94	M100	N132A	N134A			RIGID	None	None	RIGID	Typical
95	M101	N137A	N139A			RIGID	None	None	RIGID	Typical
96	M102A	N136A	N138A			RIGID	None	None	RIGID	Typical
97	M105	N145A	N147			RIGID	None	None	RIGID	Typical
98	M106	N144B	N146			RIGID	None	None	RIGID	Typical
99	MP4A	N133B	N137B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	MP3A	N134B	N138B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
101	MP2A	N132B	N136B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	MP1A	N135C	N139B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	M103	N141A	N143			RIGID	None	None	RIGID	Typical
104	M104	N140A	N142A			RIGID	None	None	RIGID	Typical
105	M105A	N145B	N147A			RIGID	None	None	RIGID	Typical
106	M106A	N144C	N146A			RIGID	None	None	RIGID	Typical
107	M107	N149	N151			RIGID	None	None	RIGID	Typical
108	M108	N148A	N150			RIGID	None	None	RIGID	Typical
109	M109A	N153	N155			RIGID	None	None	RIGID	Typical
110	M110A	N152	N154			RIGID	None	None	RIGID	Typical
111	MP4C	N157A	N161			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
112	MP3C	N158	N162A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
113	MP2C	N156	N160A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
114	MP1C	N159A	N163			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
115	M115	N165A	N167A			RIGID	None	None	RIGID	Typical
116	M116	N164A	N166A			RIGID	None	None	RIGID	Typical
117	M117	N169	N171			RIGID	None	None	RIGID	Typical
118	M118	N168	N170			RIGID	None	None	RIGID	Typical
119	M119	N173	N175			RIGID	None	None	RIGID	Typical
120	M120	N172	N174			RIGID	None	None	RIGID	Typical
121	M121	N177	N179			RIGID	None	None	RIGID	Typical
122	M122	N176	N178			RIGID	None	None	RIGID	Typical
123	MP4B	N181	N185			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
124	MP3B	N182	N186			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
125	MP2B	N180	N184			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
126	MP1B	N183	N187			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
127	M127	N189	N188			RIGID	None	None	RIGID	Typical
128	M128	N190	N191			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M43						Yes	Default			None
5	M46						Yes	Default			None
6	M35A						Yes	** NA **			None
7	M36A						Yes	** NA **			None
8	M51B	OOOOOX	OOOOOX				Yes	Default			None
9	M52B	OOOOOX	OOOOOX				Yes	Default			None
10	M52						Yes	** NA **			None
11	M58						Yes	** NA **			None
12	M59						Yes	** NA **			None
13	M76						Yes	** NA **			None
14	M77						Yes	** NA **			None
15	M79		BenPIN				Yes	** NA **			None
16	M80						Yes				None
17	M83		BenPIN				Yes	** NA **			None
18	M84						Yes	** NA **			None
19	M85						Yes	** NA **			None
20	M88		BenPIN				Yes	** NA **			None
21	M91						Yes				None
22	M92		BenPIN				Yes	** NA **			None
23	M50						Yes	** NA **			None
24	M51						Yes	** NA **			None
25	M51A						Yes	** NA **			None
26	M52A						Yes				None
27	M53						Yes	Default			None
28	M54						Yes	Default			None
29	M55						Yes	Default			None
30	M56						Yes	** NA **			None
31	M57						Yes	** NA **			None
32	M58A	OOOOOX	OOOOOX				Yes	Default			None
33	M59A	OOOOOX	OOOOOX				Yes	Default			None
34	M60						Yes	** NA **			None
35	M61						Yes	** NA **			None
36	M62						Yes	** NA **			None
37	M63						Yes	** NA **			None
38	M64						Yes	** NA **			None
39	M65		BenPIN				Yes	** NA **			None
40	M66						Yes				None
41	M67		BenPIN				Yes	** NA **			None
42	M68						Yes	** NA **			None
43	M69						Yes	** NA **			None
44	M70		BenPIN				Yes	** NA **			None
45	M71						Yes				None
46	M72		BenPIN				Yes	** NA **			None
47	M73						Yes	** NA **			None
48	M74						Yes	** NA **			None
49	M75						Yes	** NA **			None
50	M76A						Yes				None
51	M77A						Yes	Default			None
52	M78						Yes	Default			None
53	M79A						Yes	Default			None
54	M80A						Yes	** NA **			None
55	M81						Yes	** NA **			None
56	M82	OOOOOX	OOOOOX				Yes	Default			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
57	M83A	OOOOOX	OOOOOX				Yes	Default			None
58	M84A						Yes	** NA **			None
59	M85A						Yes	** NA **			None
60	M86						Yes	** NA **			None
61	M87						Yes	** NA **			None
62	M88A						Yes	** NA **			None
63	M89		BenPIN				Yes	** NA **			None
64	M90						Yes				None
65	M91A		BenPIN				Yes	** NA **			None
66	M92A						Yes	** NA **			None
67	M93						Yes	** NA **			None
68	M94		BenPIN				Yes	** NA **			None
69	M95						Yes				None
70	M96		BenPIN				Yes	** NA **			None
71	M97						Yes	** NA **			None
72	M98						Yes	** NA **			None
73	M99						Yes	** NA **			None
74	M82A						Yes	Default			None
75	M91B						Yes	Default			None
76	M102						Yes	Default			None
77	M109		BenPIN				Yes	** NA **			None
78	M110		BenPIN				Yes	** NA **			None
79	M112						Yes	Default			None
80	M113						Yes	Default			None
81	M83B		BenPIN				Yes	** NA **			None
82	M84B		BenPIN				Yes	** NA **			None
83	M85B		BenPIN				Yes	** NA **			None
84	M86A		BenPIN				Yes	** NA **			None
85	M87A						Yes				None
86	M88B						Yes				None
87	M89A						Yes				None
88	M89B	BenPIN	BenPIN				Yes	Default			None
89	M90A	BenPIN	BenPIN				Yes	Default			None
90	M91C	BenPIN	BenPIN				Yes	Default			None
91	M93A						Yes	** NA **			None
92	M94A						Yes	** NA **			None
93	M99A						Yes	** NA **			None
94	M100						Yes	** NA **			None
95	M101						Yes	** NA **			None
96	M102A						Yes	** NA **			None
97	M105						Yes	** NA **			None
98	M106						Yes	** NA **			None
99	MP4A						Yes	** NA **			None
100	MP3A						Yes	** NA **			None
101	MP2A						Yes	** NA **			None
102	MP1A						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105A						Yes	** NA **			None
106	M106A						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109A						Yes	** NA **			None
110	M110A						Yes	** NA **			None
111	MP4C						Yes	** NA **			None
112	MP3C						Yes	** NA **			None
113	MP2C						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...
114	MP1C						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	M119						Yes	** NA **			None
120	M120						Yes	** NA **			None
121	M121						Yes	** NA **			None
122	M122						Yes	** NA **			None
123	MP4B						Yes	** NA **			None
124	MP3B						Yes	** NA **			None
125	MP2B						Yes	** NA **			None
126	MP1B						Yes	** NA **			None
127	M127						Yes	** NA **			None
128	M128						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-43.55	2
2	MP3A	My	-.022	2
3	MP3A	Mz	0	2
4	MP3A	Y	-43.55	4
5	MP3A	My	-.022	4
6	MP3A	Mz	0	4
7	MP3B	Y	-43.55	2
8	MP3B	My	.019	2
9	MP3B	Mz	-.011	2
10	MP3B	Y	-43.55	4
11	MP3B	My	.019	4
12	MP3B	Mz	-.011	4
13	MP3C	Y	-43.55	2
14	MP3C	My	0	2
15	MP3C	Mz	.022	2
16	MP3C	Y	-43.55	4
17	MP3C	My	0	4
18	MP3C	Mz	.022	4
19	MP1A	Y	-10.4	4
20	MP1A	My	.004	4
21	MP1A	Mz	0	4
22	MP2B	Y	-10.4	4
23	MP2B	My	-.004	4
24	MP2B	Mz	.002	4
25	MP2C	Y	-10.4	4
26	MP2C	My	0	4
27	MP2C	Mz	-.004	4
28	MP1A	Y	-74.7	2
29	MP1A	My	.037	2
30	MP1A	Mz	0	2
31	MP1B	Y	-74.7	2
32	MP1B	My	-.032	2
33	MP1B	Mz	.019	2
34	MP1C	Y	-74.7	2
35	MP1C	My	0	2
36	MP1C	Mz	-.037	2
37	MP2A	Y	-70.3	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	My	.035	2
39	MP2A	Mz	0	2
40	MP2B	Y	-70.3	2
41	MP2B	My	-.03	2
42	MP2B	Mz	.018	2
43	MP2C	Y	-70.3	2
44	MP2C	My	0	2
45	MP2C	Mz	-.035	2
46	MP1A	Y	-31.65	1
47	MP1A	My	-.021	1
48	MP1A	Mz	-.021	1
49	MP1A	Y	-31.65	5
50	MP1A	My	-.021	5
51	MP1A	Mz	-.021	5
52	MP1A	Y	-31.65	1
53	MP1A	My	-.021	1
54	MP1A	Mz	.021	1
55	MP1A	Y	-31.65	5
56	MP1A	My	-.021	5
57	MP1A	Mz	.021	5
58	MP2C	Y	-31.65	1
59	MP2C	My	-.021	1
60	MP2C	Mz	.021	1
61	MP2C	Y	-31.65	5
62	MP2C	My	-.021	5
63	MP2C	Mz	.021	5
64	MP2B	Y	-31.65	1
65	MP2B	My	.029	1
66	MP2B	Mz	.008	1
67	MP2B	Y	-31.65	5
68	MP2B	My	.029	5
69	MP2B	Mz	.008	5
70	MP2C	Y	-31.65	1
71	MP2C	My	.021	1
72	MP2C	Mz	.021	1
73	MP2C	Y	-31.65	5
74	MP2C	My	.021	5
75	MP2C	Mz	.021	5
76	MP2B	Y	-31.65	1
77	MP2B	My	.008	1
78	MP2B	Mz	-.029	1
79	MP2B	Y	-31.65	5
80	MP2B	My	.008	5
81	MP2B	Mz	-.029	5
82	MP1B	Y	-6	2
83	MP1B	My	.006	2
84	MP1B	Mz	-.004	2
85	MP1B	Y	-6	4
86	MP1B	My	.006	4
87	MP1B	Mz	-.004	4
88	MP1C	Y	-6	2
89	MP1C	My	0	2
90	MP1C	Mz	.007	2
91	MP1C	Y	-6	4
92	MP1C	My	0	4
93	MP1C	Mz	.007	4
94	MP2A	Y	-6	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP2A	My	-.007	2
96	MP2A	Mz	0	2
97	MP2A	Y	-6	4
98	MP2A	My	-.007	4
99	MP2A	Mz	0	4
100	MP4A	Y	-6	2
101	MP4A	My	-.007	2
102	MP4A	Mz	0	2
103	MP4A	Y	-6	4
104	MP4A	My	-.007	4
105	MP4A	Mz	0	4
106	MP4B	Y	-6	2
107	MP4B	My	.006	2
108	MP4B	Mz	-.004	2
109	MP4B	Y	-6	4
110	MP4B	My	.006	4
111	MP4B	Mz	-.004	4
112	MP4C	Y	-6	2
113	MP4C	My	0	2
114	MP4C	Mz	.007	2
115	MP4C	Y	-6	4
116	MP4C	My	0	4
117	MP4C	Mz	.007	4
118	M128	Y	-32	2
119	M128	My	0	2
120	M128	Mz	0	2

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-36.36	2
2	MP3A	My	-.018	2
3	MP3A	Mz	0	2
4	MP3A	Y	-36.36	4
5	MP3A	My	-.018	4
6	MP3A	Mz	0	4
7	MP3B	Y	-36.36	2
8	MP3B	My	.016	2
9	MP3B	Mz	-.009	2
10	MP3B	Y	-36.36	4
11	MP3B	My	.016	4
12	MP3B	Mz	-.009	4
13	MP3C	Y	-36.36	2
14	MP3C	My	0	2
15	MP3C	Mz	.018	2
16	MP3C	Y	-36.36	4
17	MP3C	My	0	4
18	MP3C	Mz	.018	4
19	MP1A	Y	-10.998	4
20	MP1A	My	.005	4
21	MP1A	Mz	0	4
22	MP2B	Y	-10.998	4
23	MP2B	My	-.004	4
24	MP2B	Mz	.002	4
25	MP2C	Y	-10.998	4
26	MP2C	My	0	4
27	MP2C	Mz	-.005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP1A	Y	-45.855	2
29	MP1A	My	.023	2
30	MP1A	Mz	0	2
31	MP1B	Y	-45.855	2
32	MP1B	My	-.02	2
33	MP1B	Mz	.011	2
34	MP1C	Y	-45.855	2
35	MP1C	My	0	2
36	MP1C	Mz	-.023	2
37	MP2A	Y	-43.671	2
38	MP2A	My	.022	2
39	MP2A	Mz	0	2
40	MP2B	Y	-43.671	2
41	MP2B	My	-.019	2
42	MP2B	Mz	.011	2
43	MP2C	Y	-43.671	2
44	MP2C	My	0	2
45	MP2C	Mz	-.022	2
46	MP1A	Y	-71.388	1
47	MP1A	My	-.048	1
48	MP1A	Mz	-.048	1
49	MP1A	Y	-71.388	5
50	MP1A	My	-.048	5
51	MP1A	Mz	-.048	5
52	MP1A	Y	-71.388	1
53	MP1A	My	-.048	1
54	MP1A	Mz	.048	1
55	MP1A	Y	-71.388	5
56	MP1A	My	-.048	5
57	MP1A	Mz	.048	5
58	MP2C	Y	-71.388	1
59	MP2C	My	-.048	1
60	MP2C	Mz	.048	1
61	MP2C	Y	-71.388	5
62	MP2C	My	-.048	5
63	MP2C	Mz	.048	5
64	MP2B	Y	-71.388	1
65	MP2B	My	.065	1
66	MP2B	Mz	.017	1
67	MP2B	Y	-71.388	5
68	MP2B	My	.065	5
69	MP2B	Mz	.017	5
70	MP2C	Y	-71.388	1
71	MP2C	My	.048	1
72	MP2C	Mz	.048	1
73	MP2C	Y	-71.388	5
74	MP2C	My	.048	5
75	MP2C	Mz	.048	5
76	MP2B	Y	-71.388	1
77	MP2B	My	.017	1
78	MP2B	Mz	-.065	1
79	MP2B	Y	-71.388	5
80	MP2B	My	.017	5
81	MP2B	Mz	-.065	5
82	MP1B	Y	-41.143	2
83	MP1B	My	.042	2
84	MP1B	Mz	-.024	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1B	Y	-41.143	4
86	MP1B	My	.042	4
87	MP1B	Mz	-.024	4
88	MP1C	Y	-41.143	2
89	MP1C	My	0	2
90	MP1C	Mz	.048	2
91	MP1C	Y	-41.143	4
92	MP1C	My	0	4
93	MP1C	Mz	.048	4
94	MP2A	Y	-41.143	2
95	MP2A	My	-.048	2
96	MP2A	Mz	0	2
97	MP2A	Y	-41.143	4
98	MP2A	My	-.048	4
99	MP2A	Mz	0	4
100	MP4A	Y	-41.143	2
101	MP4A	My	-.048	2
102	MP4A	Mz	0	2
103	MP4A	Y	-41.143	4
104	MP4A	My	-.048	4
105	MP4A	Mz	0	4
106	MP4B	Y	-41.143	2
107	MP4B	My	.042	2
108	MP4B	Mz	-.024	2
109	MP4B	Y	-41.143	4
110	MP4B	My	.042	4
111	MP4B	Mz	-.024	4
112	MP4C	Y	-41.143	2
113	MP4C	My	0	2
114	MP4C	Mz	.048	2
115	MP4C	Y	-41.143	4
116	MP4C	My	0	4
117	MP4C	Mz	.048	4
118	M128	Y	-89.725	2
119	M128	My	0	2
120	M128	Mz	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2
2	MP3A	Z	-91.021	2
3	MP3A	Mx	0	2
4	MP3A	X	0	4
5	MP3A	Z	-91.021	4
6	MP3A	Mx	0	4
7	MP3B	X	0	2
8	MP3B	Z	-77.175	2
9	MP3B	Mx	.019	2
10	MP3B	X	0	4
11	MP3B	Z	-77.175	4
12	MP3B	Mx	.019	4
13	MP3C	X	0	2
14	MP3C	Z	-35.635	2
15	MP3C	Mx	-.018	2
16	MP3C	X	0	4
17	MP3C	Z	-35.635	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	-.018	4
19	MP1A	X	0	4
20	MP1A	Z	-14.331	4
21	MP1A	Mx	0	4
22	MP2B	X	0	4
23	MP2B	Z	-13.227	4
24	MP2B	Mx	-.003	4
25	MP2C	X	0	4
26	MP2C	Z	-9.916	4
27	MP2C	Mx	.004	4
28	MP1A	X	0	2
29	MP1A	Z	-72.43	2
30	MP1A	Mx	0	2
31	MP1B	X	0	2
32	MP1B	Z	-66.426	2
33	MP1B	Mx	-.017	2
34	MP1C	X	0	2
35	MP1C	Z	-48.416	2
36	MP1C	Mx	.024	2
37	MP2A	X	0	2
38	MP2A	Z	-72.43	2
39	MP2A	Mx	0	2
40	MP2B	X	0	2
41	MP2B	Z	-65.337	2
42	MP2B	Mx	-.016	2
43	MP2C	X	0	2
44	MP2C	Z	-44.058	2
45	MP2C	Mx	.022	2
46	MP1A	X	0	1
47	MP1A	Z	-176.426	1
48	MP1A	Mx	.118	1
49	MP1A	X	0	5
50	MP1A	Z	-176.426	5
51	MP1A	Mx	.118	5
52	MP1A	X	0	1
53	MP1A	Z	-176.426	1
54	MP1A	Mx	-.118	1
55	MP1A	X	0	5
56	MP1A	Z	-176.426	5
57	MP1A	Mx	-.118	5
58	MP2C	X	0	1
59	MP2C	Z	-115.875	1
60	MP2C	Mx	-.077	1
61	MP2C	X	0	5
62	MP2C	Z	-115.875	5
63	MP2C	Mx	-.077	5
64	MP2B	X	0	1
65	MP2B	Z	-161.288	1
66	MP2B	Mx	-.039	1
67	MP2B	X	0	5
68	MP2B	Z	-161.288	5
69	MP2B	Mx	-.039	5
70	MP2C	X	0	1
71	MP2C	Z	-115.875	1
72	MP2C	Mx	-.077	1
73	MP2C	X	0	5
74	MP2C	Z	-115.875	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	-.077	5
76	MP2B	X	0	1
77	MP2B	Z	-161.288	1
78	MP2B	Mx	.147	1
79	MP2B	X	0	5
80	MP2B	Z	-161.288	5
81	MP2B	Mx	.147	5
82	MP1B	X	0	2
83	MP1B	Z	-64.048	2
84	MP1B	Mx	.037	2
85	MP1B	X	0	4
86	MP1B	Z	-64.048	4
87	MP1B	Mx	.037	4
88	MP1C	X	0	2
89	MP1C	Z	-104.556	2
90	MP1C	Mx	-.122	2
91	MP1C	X	0	4
92	MP1C	Z	-104.556	4
93	MP1C	Mx	-.122	4
94	MP2A	X	0	2
95	MP2A	Z	-50.546	2
96	MP2A	Mx	0	2
97	MP2A	X	0	4
98	MP2A	Z	-50.546	4
99	MP2A	Mx	0	4
100	MP4A	X	0	2
101	MP4A	Z	-50.546	2
102	MP4A	Mx	0	2
103	MP4A	X	0	4
104	MP4A	Z	-50.546	4
105	MP4A	Mx	0	4
106	MP4B	X	0	2
107	MP4B	Z	-64.048	2
108	MP4B	Mx	.037	2
109	MP4B	X	0	4
110	MP4B	Z	-64.048	4
111	MP4B	Mx	.037	4
112	MP4C	X	0	2
113	MP4C	Z	-104.556	2
114	MP4C	Mx	-.122	2
115	MP4C	X	0	4
116	MP4C	Z	-104.556	4
117	MP4C	Mx	-.122	4
118	M128	X	0	2
119	M128	Z	-157.254	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	38.587	2
2	MP3A	Z	-66.835	2
3	MP3A	Mx	-.019	2
4	MP3A	X	38.587	4
5	MP3A	Z	-66.835	4
6	MP3A	Mx	-.019	4
7	MP3B	X	24.741	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	-42.852	2
9	MP3B	Mx	.021	2
10	MP3B	X	24.741	4
11	MP3B	Z	-42.852	4
12	MP3B	Mx	.021	4
13	MP3C	X	24.741	2
14	MP3C	Z	-42.852	2
15	MP3C	Mx	-.021	2
16	MP3C	X	24.741	4
17	MP3C	Z	-42.852	4
18	MP3C	Mx	-.021	4
19	MP1A	X	6.614	4
20	MP1A	Z	-11.455	4
21	MP1A	Mx	.003	4
22	MP2B	X	5.51	4
23	MP2B	Z	-9.543	4
24	MP2B	Mx	-.004	4
25	MP2C	X	5.51	4
26	MP2C	Z	-9.543	4
27	MP2C	Mx	.004	4
28	MP1A	X	33.213	2
29	MP1A	Z	-57.527	2
30	MP1A	Mx	.017	2
31	MP1B	X	27.21	2
32	MP1B	Z	-47.128	2
33	MP1B	Mx	-.024	2
34	MP1C	X	27.21	2
35	MP1C	Z	-47.128	2
36	MP1C	Mx	.024	2
37	MP2A	X	32.668	2
38	MP2A	Z	-56.583	2
39	MP2A	Mx	.016	2
40	MP2B	X	25.576	2
41	MP2B	Z	-44.298	2
42	MP2B	Mx	-.022	2
43	MP2C	X	25.576	2
44	MP2C	Z	-44.298	2
45	MP2C	Mx	.022	2
46	MP1A	X	80.644	1
47	MP1A	Z	-139.68	1
48	MP1A	Mx	.039	1
49	MP1A	X	80.644	5
50	MP1A	Z	-139.68	5
51	MP1A	Mx	.039	5
52	MP1A	X	80.644	1
53	MP1A	Z	-139.68	1
54	MP1A	Mx	-.147	1
55	MP1A	X	80.644	5
56	MP1A	Z	-139.68	5
57	MP1A	Mx	-.147	5
58	MP2C	X	65.506	1
59	MP2C	Z	-113.46	1
60	MP2C	Mx	-.119	1
61	MP2C	X	65.506	5
62	MP2C	Z	-113.46	5
63	MP2C	Mx	-.119	5
64	MP2B	X	65.506	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	-113.46	1
66	MP2B	Mx	.032	1
67	MP2B	X	65.506	5
68	MP2B	Z	-113.46	5
69	MP2B	Mx	.032	5
70	MP2C	X	65.506	1
71	MP2C	Z	-113.46	1
72	MP2C	Mx	-.032	1
73	MP2C	X	65.506	5
74	MP2C	Z	-113.46	5
75	MP2C	Mx	-.032	5
76	MP2B	X	65.506	1
77	MP2B	Z	-113.46	1
78	MP2B	Mx	.119	1
79	MP2B	X	65.506	5
80	MP2B	Z	-113.46	5
81	MP2B	Mx	.119	5
82	MP1B	X	45.527	2
83	MP1B	Z	-78.854	2
84	MP1B	Mx	.092	2
85	MP1B	X	45.527	4
86	MP1B	Z	-78.854	4
87	MP1B	Mx	.092	4
88	MP1C	X	45.527	2
89	MP1C	Z	-78.854	2
90	MP1C	Mx	-.092	2
91	MP1C	X	45.527	4
92	MP1C	Z	-78.854	4
93	MP1C	Mx	-.092	4
94	MP2A	X	32.024	2
95	MP2A	Z	-55.467	2
96	MP2A	Mx	-.037	2
97	MP2A	X	32.024	4
98	MP2A	Z	-55.467	4
99	MP2A	Mx	-.037	4
100	MP4A	X	32.024	2
101	MP4A	Z	-55.467	2
102	MP4A	Mx	-.037	2
103	MP4A	X	32.024	4
104	MP4A	Z	-55.467	4
105	MP4A	Mx	-.037	4
106	MP4B	X	45.527	2
107	MP4B	Z	-78.854	2
108	MP4B	Mx	.092	2
109	MP4B	X	45.527	4
110	MP4B	Z	-78.854	4
111	MP4B	Mx	.092	4
112	MP4C	X	45.527	2
113	MP4C	Z	-78.854	2
114	MP4C	Mx	-.092	2
115	MP4C	X	45.527	4
116	MP4C	Z	-78.854	4
117	MP4C	Mx	-.092	4
118	M128	X	73.967	2
119	M128	Z	-128.114	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	42.852	2
2	MP3A	Z	-24.741	2
3	MP3A	Mx	-.021	2
4	MP3A	X	42.852	4
5	MP3A	Z	-24.741	4
6	MP3A	Mx	-.021	4
7	MP3B	X	30.861	2
8	MP3B	Z	-17.817	2
9	MP3B	Mx	.018	2
10	MP3B	X	30.861	4
11	MP3B	Z	-17.817	4
12	MP3B	Mx	.018	4
13	MP3C	X	66.835	2
14	MP3C	Z	-38.587	2
15	MP3C	Mx	-.019	2
16	MP3C	X	66.835	4
17	MP3C	Z	-38.587	4
18	MP3C	Mx	-.019	4
19	MP1A	X	9.543	4
20	MP1A	Z	-5.51	4
21	MP1A	Mx	.004	4
22	MP2B	X	8.587	4
23	MP2B	Z	-4.958	4
24	MP2B	Mx	-.004	4
25	MP2C	X	11.455	4
26	MP2C	Z	-6.614	4
27	MP2C	Mx	.003	4
28	MP1A	X	47.128	2
29	MP1A	Z	-27.21	2
30	MP1A	Mx	.024	2
31	MP1B	X	41.929	2
32	MP1B	Z	-24.208	2
33	MP1B	Mx	-.024	2
34	MP1C	X	57.527	2
35	MP1C	Z	-33.213	2
36	MP1C	Mx	.017	2
37	MP2A	X	44.298	2
38	MP2A	Z	-25.576	2
39	MP2A	Mx	.022	2
40	MP2B	X	38.156	2
41	MP2B	Z	-22.029	2
42	MP2B	Mx	-.022	2
43	MP2C	X	56.583	2
44	MP2C	Z	-32.668	2
45	MP2C	Mx	.016	2
46	MP1A	X	113.46	1
47	MP1A	Z	-65.506	1
48	MP1A	Mx	-.032	1
49	MP1A	X	113.46	5
50	MP1A	Z	-65.506	5
51	MP1A	Mx	-.032	5
52	MP1A	X	113.46	1
53	MP1A	Z	-65.506	1
54	MP1A	Mx	-.119	1
55	MP1A	X	113.46	5
56	MP1A	Z	-65.506	5
57	MP1A	Mx	-.119	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2C	X	139.68	1
59	MP2C	Z	-80.644	1
60	MP2C	Mx	-.147	1
61	MP2C	X	139.68	5
62	MP2C	Z	-80.644	5
63	MP2C	Mx	-.147	5
64	MP2B	X	100.35	1
65	MP2B	Z	-57.937	1
66	MP2B	Mx	.077	1
67	MP2B	X	100.35	5
68	MP2B	Z	-57.937	5
69	MP2B	Mx	.077	5
70	MP2C	X	139.68	1
71	MP2C	Z	-80.644	1
72	MP2C	Mx	.039	1
73	MP2C	X	139.68	5
74	MP2C	Z	-80.644	5
75	MP2C	Mx	.039	5
76	MP2B	X	100.35	1
77	MP2B	Z	-57.937	1
78	MP2B	Mx	.077	1
79	MP2B	X	100.35	5
80	MP2B	Z	-57.937	5
81	MP2B	Mx	.077	5
82	MP1B	X	90.548	2
83	MP1B	Z	-52.278	2
84	MP1B	Mx	.122	2
85	MP1B	X	90.548	4
86	MP1B	Z	-52.278	4
87	MP1B	Mx	.122	4
88	MP1C	X	55.467	2
89	MP1C	Z	-32.024	2
90	MP1C	Mx	-.037	2
91	MP1C	X	55.467	4
92	MP1C	Z	-32.024	4
93	MP1C	Mx	-.037	4
94	MP2A	X	78.854	2
95	MP2A	Z	-45.527	2
96	MP2A	Mx	-.092	2
97	MP2A	X	78.854	4
98	MP2A	Z	-45.527	4
99	MP2A	Mx	-.092	4
100	MP4A	X	78.854	2
101	MP4A	Z	-45.527	2
102	MP4A	Mx	-.092	2
103	MP4A	X	78.854	4
104	MP4A	Z	-45.527	4
105	MP4A	Mx	-.092	4
106	MP4B	X	90.548	2
107	MP4B	Z	-52.278	2
108	MP4B	Mx	.122	2
109	MP4B	X	90.548	4
110	MP4B	Z	-52.278	4
111	MP4B	Mx	.122	4
112	MP4C	X	55.467	2
113	MP4C	Z	-32.024	2
114	MP4C	Mx	-.037	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	55.467	4
116	MP4C	Z	-32.024	4
117	MP4C	Mx	-.037	4
118	M128	X	111.972	2
119	M128	Z	-64.647	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	35.635	2
2	MP3A	Z	0	2
3	MP3A	Mx	-.018	2
4	MP3A	X	35.635	4
5	MP3A	Z	0	4
6	MP3A	Mx	-.018	4
7	MP3B	X	49.481	2
8	MP3B	Z	0	2
9	MP3B	Mx	.021	2
10	MP3B	X	49.481	4
11	MP3B	Z	0	4
12	MP3B	Mx	.021	4
13	MP3C	X	91.021	2
14	MP3C	Z	0	2
15	MP3C	Mx	0	2
16	MP3C	X	91.021	4
17	MP3C	Z	0	4
18	MP3C	Mx	0	4
19	MP1A	X	9.916	4
20	MP1A	Z	0	4
21	MP1A	Mx	.004	4
22	MP2B	X	11.019	4
23	MP2B	Z	0	4
24	MP2B	Mx	-.004	4
25	MP2C	X	14.331	4
26	MP2C	Z	0	4
27	MP2C	Mx	0	4
28	MP1A	X	48.416	2
29	MP1A	Z	0	2
30	MP1A	Mx	.024	2
31	MP1B	X	54.419	2
32	MP1B	Z	0	2
33	MP1B	Mx	-.024	2
34	MP1C	X	72.43	2
35	MP1C	Z	0	2
36	MP1C	Mx	0	2
37	MP2A	X	44.058	2
38	MP2A	Z	0	2
39	MP2A	Mx	.022	2
40	MP2B	X	51.151	2
41	MP2B	Z	0	2
42	MP2B	Mx	-.022	2
43	MP2C	X	72.43	2
44	MP2C	Z	0	2
45	MP2C	Mx	0	2
46	MP1A	X	115.875	1
47	MP1A	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP1A	Mx	-.077	1
49	MP1A	X	115.875	5
50	MP1A	Z	0	5
51	MP1A	Mx	-.077	5
52	MP1A	X	115.875	1
53	MP1A	Z	0	1
54	MP1A	Mx	-.077	1
55	MP1A	X	115.875	5
56	MP1A	Z	0	5
57	MP1A	Mx	-.077	5
58	MP2C	X	176.426	1
59	MP2C	Z	0	1
60	MP2C	Mx	-.118	1
61	MP2C	X	176.426	5
62	MP2C	Z	0	5
63	MP2C	Mx	-.118	5
64	MP2B	X	131.013	1
65	MP2B	Z	0	1
66	MP2B	Mx	.119	1
67	MP2B	X	131.013	5
68	MP2B	Z	0	5
69	MP2B	Mx	.119	5
70	MP2C	X	176.426	1
71	MP2C	Z	0	1
72	MP2C	Mx	.118	1
73	MP2C	X	176.426	5
74	MP2C	Z	0	5
75	MP2C	Mx	.118	5
76	MP2B	X	131.013	1
77	MP2B	Z	0	1
78	MP2B	Mx	.032	1
79	MP2B	X	131.013	5
80	MP2B	Z	0	5
81	MP2B	Mx	.032	5
82	MP1B	X	91.053	2
83	MP1B	Z	0	2
84	MP1B	Mx	.092	2
85	MP1B	X	91.053	4
86	MP1B	Z	0	4
87	MP1B	Mx	.092	4
88	MP1C	X	50.546	2
89	MP1C	Z	0	2
90	MP1C	Mx	0	2
91	MP1C	X	50.546	4
92	MP1C	Z	0	4
93	MP1C	Mx	0	4
94	MP2A	X	104.556	2
95	MP2A	Z	0	2
96	MP2A	Mx	-.122	2
97	MP2A	X	104.556	4
98	MP2A	Z	0	4
99	MP2A	Mx	-.122	4
100	MP4A	X	104.556	2
101	MP4A	Z	0	2
102	MP4A	Mx	-.122	2
103	MP4A	X	104.556	4
104	MP4A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	-.122	4
106	MP4B	X	91.053	2
107	MP4B	Z	0	2
108	MP4B	Mx	.092	2
109	MP4B	X	91.053	4
110	MP4B	Z	0	4
111	MP4B	Mx	.092	4
112	MP4C	X	50.546	2
113	MP4C	Z	0	2
114	MP4C	Mx	0	2
115	MP4C	X	50.546	4
116	MP4C	Z	0	4
117	MP4C	Mx	0	4
118	M128	X	119.974	2
119	M128	Z	0	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	42.852	2
2	MP3A	Z	24.741	2
3	MP3A	Mx	-.021	2
4	MP3A	X	42.852	4
5	MP3A	Z	24.741	4
6	MP3A	Mx	-.021	4
7	MP3B	X	66.835	2
8	MP3B	Z	38.587	2
9	MP3B	Mx	.019	2
10	MP3B	X	66.835	4
11	MP3B	Z	38.587	4
12	MP3B	Mx	.019	4
13	MP3C	X	66.835	2
14	MP3C	Z	38.587	2
15	MP3C	Mx	.019	2
16	MP3C	X	66.835	4
17	MP3C	Z	38.587	4
18	MP3C	Mx	.019	4
19	MP1A	X	9.543	4
20	MP1A	Z	5.51	4
21	MP1A	Mx	.004	4
22	MP2B	X	11.455	4
23	MP2B	Z	6.614	4
24	MP2B	Mx	-.003	4
25	MP2C	X	11.455	4
26	MP2C	Z	6.614	4
27	MP2C	Mx	-.003	4
28	MP1A	X	47.128	2
29	MP1A	Z	27.21	2
30	MP1A	Mx	.024	2
31	MP1B	X	57.527	2
32	MP1B	Z	33.213	2
33	MP1B	Mx	-.017	2
34	MP1C	X	57.527	2
35	MP1C	Z	33.213	2
36	MP1C	Mx	-.017	2
37	MP2A	X	44.298	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	25.576	2
39	MP2A	Mx	.022	2
40	MP2B	X	56.583	2
41	MP2B	Z	32.668	2
42	MP2B	Mx	-.016	2
43	MP2C	X	56.583	2
44	MP2C	Z	32.668	2
45	MP2C	Mx	-.016	2
46	MP1A	X	113.46	1
47	MP1A	Z	65.506	1
48	MP1A	Mx	-.119	1
49	MP1A	X	113.46	5
50	MP1A	Z	65.506	5
51	MP1A	Mx	-.119	5
52	MP1A	X	113.46	1
53	MP1A	Z	65.506	1
54	MP1A	Mx	-.032	1
55	MP1A	X	113.46	5
56	MP1A	Z	65.506	5
57	MP1A	Mx	-.032	5
58	MP2C	X	139.68	1
59	MP2C	Z	80.644	1
60	MP2C	Mx	-.039	1
61	MP2C	X	139.68	5
62	MP2C	Z	80.644	5
63	MP2C	Mx	-.039	5
64	MP2B	X	139.68	1
65	MP2B	Z	80.644	1
66	MP2B	Mx	.147	1
67	MP2B	X	139.68	5
68	MP2B	Z	80.644	5
69	MP2B	Mx	.147	5
70	MP2C	X	139.68	1
71	MP2C	Z	80.644	1
72	MP2C	Mx	.147	1
73	MP2C	X	139.68	5
74	MP2C	Z	80.644	5
75	MP2C	Mx	.147	5
76	MP2B	X	139.68	1
77	MP2B	Z	80.644	1
78	MP2B	Mx	-.039	1
79	MP2B	X	139.68	5
80	MP2B	Z	80.644	5
81	MP2B	Mx	-.039	5
82	MP1B	X	55.467	2
83	MP1B	Z	32.024	2
84	MP1B	Mx	.037	2
85	MP1B	X	55.467	4
86	MP1B	Z	32.024	4
87	MP1B	Mx	.037	4
88	MP1C	X	55.467	2
89	MP1C	Z	32.024	2
90	MP1C	Mx	.037	2
91	MP1C	X	55.467	4
92	MP1C	Z	32.024	4
93	MP1C	Mx	.037	4
94	MP2A	X	78.854	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP2A	Z	45.527	2
96	MP2A	Mx	-.092	2
97	MP2A	X	78.854	4
98	MP2A	Z	45.527	4
99	MP2A	Mx	-.092	4
100	MP4A	X	78.854	2
101	MP4A	Z	45.527	2
102	MP4A	Mx	-.092	2
103	MP4A	X	78.854	4
104	MP4A	Z	45.527	4
105	MP4A	Mx	-.092	4
106	MP4B	X	55.467	2
107	MP4B	Z	32.024	2
108	MP4B	Mx	.037	2
109	MP4B	X	55.467	4
110	MP4B	Z	32.024	4
111	MP4B	Mx	.037	4
112	MP4C	X	55.467	2
113	MP4C	Z	32.024	2
114	MP4C	Mx	.037	2
115	MP4C	X	55.467	4
116	MP4C	Z	32.024	4
117	MP4C	Mx	.037	4
118	M128	X	111.972	2
119	M128	Z	64.647	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	38.587	2
2	MP3A	Z	66.835	2
3	MP3A	Mx	-.019	2
4	MP3A	X	38.587	4
5	MP3A	Z	66.835	4
6	MP3A	Mx	-.019	4
7	MP3B	X	45.511	2
8	MP3B	Z	78.827	2
9	MP3B	Mx	0	2
10	MP3B	X	45.511	4
11	MP3B	Z	78.827	4
12	MP3B	Mx	0	4
13	MP3C	X	24.741	2
14	MP3C	Z	42.852	2
15	MP3C	Mx	.021	2
16	MP3C	X	24.741	4
17	MP3C	Z	42.852	4
18	MP3C	Mx	.021	4
19	MP1A	X	6.614	4
20	MP1A	Z	11.455	4
21	MP1A	Mx	.003	4
22	MP2B	X	7.166	4
23	MP2B	Z	12.411	4
24	MP2B	Mx	0	4
25	MP2C	X	5.51	4
26	MP2C	Z	9.543	4
27	MP2C	Mx	-.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP1A	X	33.213	2
29	MP1A	Z	57.527	2
30	MP1A	Mx	.017	2
31	MP1B	X	36.215	2
32	MP1B	Z	62.726	2
33	MP1B	Mx	0	2
34	MP1C	X	27.21	2
35	MP1C	Z	47.128	2
36	MP1C	Mx	-.024	2
37	MP2A	X	32.668	2
38	MP2A	Z	56.583	2
39	MP2A	Mx	.016	2
40	MP2B	X	36.215	2
41	MP2B	Z	62.726	2
42	MP2B	Mx	0	2
43	MP2C	X	25.576	2
44	MP2C	Z	44.298	2
45	MP2C	Mx	-.022	2
46	MP1A	X	80.644	1
47	MP1A	Z	139.68	1
48	MP1A	Mx	-.147	1
49	MP1A	X	80.644	5
50	MP1A	Z	139.68	5
51	MP1A	Mx	-.147	5
52	MP1A	X	80.644	1
53	MP1A	Z	139.68	1
54	MP1A	Mx	.039	1
55	MP1A	X	80.644	5
56	MP1A	Z	139.68	5
57	MP1A	Mx	.039	5
58	MP2C	X	65.506	1
59	MP2C	Z	113.46	1
60	MP2C	Mx	.032	1
61	MP2C	X	65.506	5
62	MP2C	Z	113.46	5
63	MP2C	Mx	.032	5
64	MP2B	X	88.213	1
65	MP2B	Z	152.79	1
66	MP2B	Mx	.118	1
67	MP2B	X	88.213	5
68	MP2B	Z	152.79	5
69	MP2B	Mx	.118	5
70	MP2C	X	65.506	1
71	MP2C	Z	113.46	1
72	MP2C	Mx	.119	1
73	MP2C	X	65.506	5
74	MP2C	Z	113.46	5
75	MP2C	Mx	.119	5
76	MP2B	X	88.213	1
77	MP2B	Z	152.79	1
78	MP2B	Mx	-.118	1
79	MP2B	X	88.213	5
80	MP2B	Z	152.79	5
81	MP2B	Mx	-.118	5
82	MP1B	X	25.273	2
83	MP1B	Z	43.774	2
84	MP1B	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1B	X	25.273	4
86	MP1B	Z	43.774	4
87	MP1B	Mx	0	4
88	MP1C	X	45.527	2
89	MP1C	Z	78.854	2
90	MP1C	Mx	.092	2
91	MP1C	X	45.527	4
92	MP1C	Z	78.854	4
93	MP1C	Mx	.092	4
94	MP2A	X	32.024	2
95	MP2A	Z	55.467	2
96	MP2A	Mx	-.037	2
97	MP2A	X	32.024	4
98	MP2A	Z	55.467	4
99	MP2A	Mx	-.037	4
100	MP4A	X	32.024	2
101	MP4A	Z	55.467	2
102	MP4A	Mx	-.037	2
103	MP4A	X	32.024	4
104	MP4A	Z	55.467	4
105	MP4A	Mx	-.037	4
106	MP4B	X	25.273	2
107	MP4B	Z	43.774	2
108	MP4B	Mx	0	2
109	MP4B	X	25.273	4
110	MP4B	Z	43.774	4
111	MP4B	Mx	0	4
112	MP4C	X	45.527	2
113	MP4C	Z	78.854	2
114	MP4C	Mx	.092	2
115	MP4C	X	45.527	4
116	MP4C	Z	78.854	4
117	MP4C	Mx	.092	4
118	M128	X	73.967	2
119	M128	Z	128.114	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2
2	MP3A	Z	91.021	2
3	MP3A	Mx	0	2
4	MP3A	X	0	4
5	MP3A	Z	91.021	4
6	MP3A	Mx	0	4
7	MP3B	X	0	2
8	MP3B	Z	77.175	2
9	MP3B	Mx	-.019	2
10	MP3B	X	0	4
11	MP3B	Z	77.175	4
12	MP3B	Mx	-.019	4
13	MP3C	X	0	2
14	MP3C	Z	35.635	2
15	MP3C	Mx	.018	2
16	MP3C	X	0	4
17	MP3C	Z	35.635	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	.018	4
19	MP1A	X	0	4
20	MP1A	Z	14.331	4
21	MP1A	Mx	0	4
22	MP2B	X	0	4
23	MP2B	Z	13.227	4
24	MP2B	Mx	.003	4
25	MP2C	X	0	4
26	MP2C	Z	9.916	4
27	MP2C	Mx	-.004	4
28	MP1A	X	0	2
29	MP1A	Z	72.43	2
30	MP1A	Mx	0	2
31	MP1B	X	0	2
32	MP1B	Z	66.426	2
33	MP1B	Mx	.017	2
34	MP1C	X	0	2
35	MP1C	Z	48.416	2
36	MP1C	Mx	-.024	2
37	MP2A	X	0	2
38	MP2A	Z	72.43	2
39	MP2A	Mx	0	2
40	MP2B	X	0	2
41	MP2B	Z	65.337	2
42	MP2B	Mx	.016	2
43	MP2C	X	0	2
44	MP2C	Z	44.058	2
45	MP2C	Mx	-.022	2
46	MP1A	X	0	1
47	MP1A	Z	176.426	1
48	MP1A	Mx	-.118	1
49	MP1A	X	0	5
50	MP1A	Z	176.426	5
51	MP1A	Mx	-.118	5
52	MP1A	X	0	1
53	MP1A	Z	176.426	1
54	MP1A	Mx	.118	1
55	MP1A	X	0	5
56	MP1A	Z	176.426	5
57	MP1A	Mx	.118	5
58	MP2C	X	0	1
59	MP2C	Z	115.875	1
60	MP2C	Mx	.077	1
61	MP2C	X	0	5
62	MP2C	Z	115.875	5
63	MP2C	Mx	.077	5
64	MP2B	X	0	1
65	MP2B	Z	161.288	1
66	MP2B	Mx	.039	1
67	MP2B	X	0	5
68	MP2B	Z	161.288	5
69	MP2B	Mx	.039	5
70	MP2C	X	0	1
71	MP2C	Z	115.875	1
72	MP2C	Mx	.077	1
73	MP2C	X	0	5
74	MP2C	Z	115.875	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	.077	5
76	MP2B	X	0	1
77	MP2B	Z	161.288	1
78	MP2B	Mx	-.147	1
79	MP2B	X	0	5
80	MP2B	Z	161.288	5
81	MP2B	Mx	-.147	5
82	MP1B	X	0	2
83	MP1B	Z	64.048	2
84	MP1B	Mx	-.037	2
85	MP1B	X	0	4
86	MP1B	Z	64.048	4
87	MP1B	Mx	-.037	4
88	MP1C	X	0	2
89	MP1C	Z	104.556	2
90	MP1C	Mx	.122	2
91	MP1C	X	0	4
92	MP1C	Z	104.556	4
93	MP1C	Mx	.122	4
94	MP2A	X	0	2
95	MP2A	Z	50.546	2
96	MP2A	Mx	0	2
97	MP2A	X	0	4
98	MP2A	Z	50.546	4
99	MP2A	Mx	0	4
100	MP4A	X	0	2
101	MP4A	Z	50.546	2
102	MP4A	Mx	0	2
103	MP4A	X	0	4
104	MP4A	Z	50.546	4
105	MP4A	Mx	0	4
106	MP4B	X	0	2
107	MP4B	Z	64.048	2
108	MP4B	Mx	-.037	2
109	MP4B	X	0	4
110	MP4B	Z	64.048	4
111	MP4B	Mx	-.037	4
112	MP4C	X	0	2
113	MP4C	Z	104.556	2
114	MP4C	Mx	.122	2
115	MP4C	X	0	4
116	MP4C	Z	104.556	4
117	MP4C	Mx	.122	4
118	M128	X	0	2
119	M128	Z	157.254	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-38.587	2
2	MP3A	Z	66.835	2
3	MP3A	Mx	.019	2
4	MP3A	X	-38.587	4
5	MP3A	Z	66.835	4
6	MP3A	Mx	.019	4
7	MP3B	X	-24.741	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	42.852	2
9	MP3B	Mx	-.021	2
10	MP3B	X	-24.741	4
11	MP3B	Z	42.852	4
12	MP3B	Mx	-.021	4
13	MP3C	X	-24.741	2
14	MP3C	Z	42.852	2
15	MP3C	Mx	.021	2
16	MP3C	X	-24.741	4
17	MP3C	Z	42.852	4
18	MP3C	Mx	.021	4
19	MP1A	X	-6.614	4
20	MP1A	Z	11.455	4
21	MP1A	Mx	-.003	4
22	MP2B	X	-5.51	4
23	MP2B	Z	9.543	4
24	MP2B	Mx	.004	4
25	MP2C	X	-5.51	4
26	MP2C	Z	9.543	4
27	MP2C	Mx	-.004	4
28	MP1A	X	-33.213	2
29	MP1A	Z	57.527	2
30	MP1A	Mx	-.017	2
31	MP1B	X	-27.21	2
32	MP1B	Z	47.128	2
33	MP1B	Mx	.024	2
34	MP1C	X	-27.21	2
35	MP1C	Z	47.128	2
36	MP1C	Mx	-.024	2
37	MP2A	X	-32.668	2
38	MP2A	Z	56.583	2
39	MP2A	Mx	-.016	2
40	MP2B	X	-25.576	2
41	MP2B	Z	44.298	2
42	MP2B	Mx	.022	2
43	MP2C	X	-25.576	2
44	MP2C	Z	44.298	2
45	MP2C	Mx	-.022	2
46	MP1A	X	-80.644	1
47	MP1A	Z	139.68	1
48	MP1A	Mx	-.039	1
49	MP1A	X	-80.644	5
50	MP1A	Z	139.68	5
51	MP1A	Mx	-.039	5
52	MP1A	X	-80.644	1
53	MP1A	Z	139.68	1
54	MP1A	Mx	.147	1
55	MP1A	X	-80.644	5
56	MP1A	Z	139.68	5
57	MP1A	Mx	.147	5
58	MP2C	X	-65.506	1
59	MP2C	Z	113.46	1
60	MP2C	Mx	.119	1
61	MP2C	X	-65.506	5
62	MP2C	Z	113.46	5
63	MP2C	Mx	.119	5
64	MP2B	X	-65.506	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	113.46	1
66	MP2B	Mx	-.032	1
67	MP2B	X	-65.506	5
68	MP2B	Z	113.46	5
69	MP2B	Mx	-.032	5
70	MP2C	X	-65.506	1
71	MP2C	Z	113.46	1
72	MP2C	Mx	.032	1
73	MP2C	X	-65.506	5
74	MP2C	Z	113.46	5
75	MP2C	Mx	.032	5
76	MP2B	X	-65.506	1
77	MP2B	Z	113.46	1
78	MP2B	Mx	-.119	1
79	MP2B	X	-65.506	5
80	MP2B	Z	113.46	5
81	MP2B	Mx	-.119	5
82	MP1B	X	-45.527	2
83	MP1B	Z	78.854	2
84	MP1B	Mx	-.092	2
85	MP1B	X	-45.527	4
86	MP1B	Z	78.854	4
87	MP1B	Mx	-.092	4
88	MP1C	X	-45.527	2
89	MP1C	Z	78.854	2
90	MP1C	Mx	.092	2
91	MP1C	X	-45.527	4
92	MP1C	Z	78.854	4
93	MP1C	Mx	.092	4
94	MP2A	X	-32.024	2
95	MP2A	Z	55.467	2
96	MP2A	Mx	.037	2
97	MP2A	X	-32.024	4
98	MP2A	Z	55.467	4
99	MP2A	Mx	.037	4
100	MP4A	X	-32.024	2
101	MP4A	Z	55.467	2
102	MP4A	Mx	.037	2
103	MP4A	X	-32.024	4
104	MP4A	Z	55.467	4
105	MP4A	Mx	.037	4
106	MP4B	X	-45.527	2
107	MP4B	Z	78.854	2
108	MP4B	Mx	-.092	2
109	MP4B	X	-45.527	4
110	MP4B	Z	78.854	4
111	MP4B	Mx	-.092	4
112	MP4C	X	-45.527	2
113	MP4C	Z	78.854	2
114	MP4C	Mx	.092	2
115	MP4C	X	-45.527	4
116	MP4C	Z	78.854	4
117	MP4C	Mx	.092	4
118	M128	X	-73.967	2
119	M128	Z	128.114	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-42.852	2
2	MP3A	Z	24.741	2
3	MP3A	Mx	.021	2
4	MP3A	X	-42.852	4
5	MP3A	Z	24.741	4
6	MP3A	Mx	.021	4
7	MP3B	X	-30.861	2
8	MP3B	Z	17.817	2
9	MP3B	Mx	-.018	2
10	MP3B	X	-30.861	4
11	MP3B	Z	17.817	4
12	MP3B	Mx	-.018	4
13	MP3C	X	-66.835	2
14	MP3C	Z	38.587	2
15	MP3C	Mx	.019	2
16	MP3C	X	-66.835	4
17	MP3C	Z	38.587	4
18	MP3C	Mx	.019	4
19	MP1A	X	-9.543	4
20	MP1A	Z	5.51	4
21	MP1A	Mx	-.004	4
22	MP2B	X	-8.587	4
23	MP2B	Z	4.958	4
24	MP2B	Mx	.004	4
25	MP2C	X	-11.455	4
26	MP2C	Z	6.614	4
27	MP2C	Mx	-.003	4
28	MP1A	X	-47.128	2
29	MP1A	Z	27.21	2
30	MP1A	Mx	-.024	2
31	MP1B	X	-41.929	2
32	MP1B	Z	24.208	2
33	MP1B	Mx	.024	2
34	MP1C	X	-57.527	2
35	MP1C	Z	33.213	2
36	MP1C	Mx	-.017	2
37	MP2A	X	-44.298	2
38	MP2A	Z	25.576	2
39	MP2A	Mx	-.022	2
40	MP2B	X	-38.156	2
41	MP2B	Z	22.029	2
42	MP2B	Mx	.022	2
43	MP2C	X	-56.583	2
44	MP2C	Z	32.668	2
45	MP2C	Mx	-.016	2
46	MP1A	X	-113.46	1
47	MP1A	Z	65.506	1
48	MP1A	Mx	.032	1
49	MP1A	X	-113.46	5
50	MP1A	Z	65.506	5
51	MP1A	Mx	.032	5
52	MP1A	X	-113.46	1
53	MP1A	Z	65.506	1
54	MP1A	Mx	.119	1
55	MP1A	X	-113.46	5
56	MP1A	Z	65.506	5
57	MP1A	Mx	.119	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2C	X	-139.68	1
59	MP2C	Z	80.644	1
60	MP2C	Mx	.147	1
61	MP2C	X	-139.68	5
62	MP2C	Z	80.644	5
63	MP2C	Mx	.147	5
64	MP2B	X	-100.35	1
65	MP2B	Z	57.937	1
66	MP2B	Mx	-.077	1
67	MP2B	X	-100.35	5
68	MP2B	Z	57.937	5
69	MP2B	Mx	-.077	5
70	MP2C	X	-139.68	1
71	MP2C	Z	80.644	1
72	MP2C	Mx	-.039	1
73	MP2C	X	-139.68	5
74	MP2C	Z	80.644	5
75	MP2C	Mx	-.039	5
76	MP2B	X	-100.35	1
77	MP2B	Z	57.937	1
78	MP2B	Mx	-.077	1
79	MP2B	X	-100.35	5
80	MP2B	Z	57.937	5
81	MP2B	Mx	-.077	5
82	MP1B	X	-90.548	2
83	MP1B	Z	52.278	2
84	MP1B	Mx	-.122	2
85	MP1B	X	-90.548	4
86	MP1B	Z	52.278	4
87	MP1B	Mx	-.122	4
88	MP1C	X	-55.467	2
89	MP1C	Z	32.024	2
90	MP1C	Mx	.037	2
91	MP1C	X	-55.467	4
92	MP1C	Z	32.024	4
93	MP1C	Mx	.037	4
94	MP2A	X	-78.854	2
95	MP2A	Z	45.527	2
96	MP2A	Mx	.092	2
97	MP2A	X	-78.854	4
98	MP2A	Z	45.527	4
99	MP2A	Mx	.092	4
100	MP4A	X	-78.854	2
101	MP4A	Z	45.527	2
102	MP4A	Mx	.092	2
103	MP4A	X	-78.854	4
104	MP4A	Z	45.527	4
105	MP4A	Mx	.092	4
106	MP4B	X	-90.548	2
107	MP4B	Z	52.278	2
108	MP4B	Mx	-.122	2
109	MP4B	X	-90.548	4
110	MP4B	Z	52.278	4
111	MP4B	Mx	-.122	4
112	MP4C	X	-55.467	2
113	MP4C	Z	32.024	2
114	MP4C	Mx	.037	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	-55.467	4
116	MP4C	Z	32.024	4
117	MP4C	Mx	.037	4
118	M128	X	-111.972	2
119	M128	Z	64.647	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-35.635	2
2	MP3A	Z	0	2
3	MP3A	Mx	.018	2
4	MP3A	X	-35.635	4
5	MP3A	Z	0	4
6	MP3A	Mx	.018	4
7	MP3B	X	-49.481	2
8	MP3B	Z	0	2
9	MP3B	Mx	-.021	2
10	MP3B	X	-49.481	4
11	MP3B	Z	0	4
12	MP3B	Mx	-.021	4
13	MP3C	X	-91.021	2
14	MP3C	Z	0	2
15	MP3C	Mx	0	2
16	MP3C	X	-91.021	4
17	MP3C	Z	0	4
18	MP3C	Mx	0	4
19	MP1A	X	-9.916	4
20	MP1A	Z	0	4
21	MP1A	Mx	-.004	4
22	MP2B	X	-11.019	4
23	MP2B	Z	0	4
24	MP2B	Mx	.004	4
25	MP2C	X	-14.331	4
26	MP2C	Z	0	4
27	MP2C	Mx	0	4
28	MP1A	X	-48.416	2
29	MP1A	Z	0	2
30	MP1A	Mx	-.024	2
31	MP1B	X	-54.419	2
32	MP1B	Z	0	2
33	MP1B	Mx	.024	2
34	MP1C	X	-72.43	2
35	MP1C	Z	0	2
36	MP1C	Mx	0	2
37	MP2A	X	-44.058	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.022	2
40	MP2B	X	-51.151	2
41	MP2B	Z	0	2
42	MP2B	Mx	.022	2
43	MP2C	X	-72.43	2
44	MP2C	Z	0	2
45	MP2C	Mx	0	2
46	MP1A	X	-115.875	1
47	MP1A	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP1A	Mx	.077	1
49	MP1A	X	-115.875	5
50	MP1A	Z	0	5
51	MP1A	Mx	.077	5
52	MP1A	X	-115.875	1
53	MP1A	Z	0	1
54	MP1A	Mx	.077	1
55	MP1A	X	-115.875	5
56	MP1A	Z	0	5
57	MP1A	Mx	.077	5
58	MP2C	X	-176.426	1
59	MP2C	Z	0	1
60	MP2C	Mx	.118	1
61	MP2C	X	-176.426	5
62	MP2C	Z	0	5
63	MP2C	Mx	.118	5
64	MP2B	X	-131.013	1
65	MP2B	Z	0	1
66	MP2B	Mx	-.119	1
67	MP2B	X	-131.013	5
68	MP2B	Z	0	5
69	MP2B	Mx	-.119	5
70	MP2C	X	-176.426	1
71	MP2C	Z	0	1
72	MP2C	Mx	-.118	1
73	MP2C	X	-176.426	5
74	MP2C	Z	0	5
75	MP2C	Mx	-.118	5
76	MP2B	X	-131.013	1
77	MP2B	Z	0	1
78	MP2B	Mx	-.032	1
79	MP2B	X	-131.013	5
80	MP2B	Z	0	5
81	MP2B	Mx	-.032	5
82	MP1B	X	-91.053	2
83	MP1B	Z	0	2
84	MP1B	Mx	-.092	2
85	MP1B	X	-91.053	4
86	MP1B	Z	0	4
87	MP1B	Mx	-.092	4
88	MP1C	X	-50.546	2
89	MP1C	Z	0	2
90	MP1C	Mx	0	2
91	MP1C	X	-50.546	4
92	MP1C	Z	0	4
93	MP1C	Mx	0	4
94	MP2A	X	-104.556	2
95	MP2A	Z	0	2
96	MP2A	Mx	.122	2
97	MP2A	X	-104.556	4
98	MP2A	Z	0	4
99	MP2A	Mx	.122	4
100	MP4A	X	-104.556	2
101	MP4A	Z	0	2
102	MP4A	Mx	.122	2
103	MP4A	X	-104.556	4
104	MP4A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	.122	4
106	MP4B	X	-91.053	2
107	MP4B	Z	0	2
108	MP4B	Mx	-.092	2
109	MP4B	X	-91.053	4
110	MP4B	Z	0	4
111	MP4B	Mx	-.092	4
112	MP4C	X	-50.546	2
113	MP4C	Z	0	2
114	MP4C	Mx	0	2
115	MP4C	X	-50.546	4
116	MP4C	Z	0	4
117	MP4C	Mx	0	4
118	M128	X	-119.974	2
119	M128	Z	0	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-42.852	2
2	MP3A	Z	-24.741	2
3	MP3A	Mx	.021	2
4	MP3A	X	-42.852	4
5	MP3A	Z	-24.741	4
6	MP3A	Mx	.021	4
7	MP3B	X	-66.835	2
8	MP3B	Z	-38.587	2
9	MP3B	Mx	-.019	2
10	MP3B	X	-66.835	4
11	MP3B	Z	-38.587	4
12	MP3B	Mx	-.019	4
13	MP3C	X	-66.835	2
14	MP3C	Z	-38.587	2
15	MP3C	Mx	-.019	2
16	MP3C	X	-66.835	4
17	MP3C	Z	-38.587	4
18	MP3C	Mx	-.019	4
19	MP1A	X	-9.543	4
20	MP1A	Z	-5.51	4
21	MP1A	Mx	-.004	4
22	MP2B	X	-11.455	4
23	MP2B	Z	-6.614	4
24	MP2B	Mx	.003	4
25	MP2C	X	-11.455	4
26	MP2C	Z	-6.614	4
27	MP2C	Mx	.003	4
28	MP1A	X	-47.128	2
29	MP1A	Z	-27.21	2
30	MP1A	Mx	-.024	2
31	MP1B	X	-57.527	2
32	MP1B	Z	-33.213	2
33	MP1B	Mx	.017	2
34	MP1C	X	-57.527	2
35	MP1C	Z	-33.213	2
36	MP1C	Mx	.017	2
37	MP2A	X	-44.298	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	-25.576	2
39	MP2A	Mx	-.022	2
40	MP2B	X	-56.583	2
41	MP2B	Z	-32.668	2
42	MP2B	Mx	.016	2
43	MP2C	X	-56.583	2
44	MP2C	Z	-32.668	2
45	MP2C	Mx	.016	2
46	MP1A	X	-113.46	1
47	MP1A	Z	-65.506	1
48	MP1A	Mx	.119	1
49	MP1A	X	-113.46	5
50	MP1A	Z	-65.506	5
51	MP1A	Mx	.119	5
52	MP1A	X	-113.46	1
53	MP1A	Z	-65.506	1
54	MP1A	Mx	.032	1
55	MP1A	X	-113.46	5
56	MP1A	Z	-65.506	5
57	MP1A	Mx	.032	5
58	MP2C	X	-139.68	1
59	MP2C	Z	-80.644	1
60	MP2C	Mx	.039	1
61	MP2C	X	-139.68	5
62	MP2C	Z	-80.644	5
63	MP2C	Mx	.039	5
64	MP2B	X	-139.68	1
65	MP2B	Z	-80.644	1
66	MP2B	Mx	-.147	1
67	MP2B	X	-139.68	5
68	MP2B	Z	-80.644	5
69	MP2B	Mx	-.147	5
70	MP2C	X	-139.68	1
71	MP2C	Z	-80.644	1
72	MP2C	Mx	-.147	1
73	MP2C	X	-139.68	5
74	MP2C	Z	-80.644	5
75	MP2C	Mx	-.147	5
76	MP2B	X	-139.68	1
77	MP2B	Z	-80.644	1
78	MP2B	Mx	.039	1
79	MP2B	X	-139.68	5
80	MP2B	Z	-80.644	5
81	MP2B	Mx	.039	5
82	MP1B	X	-55.467	2
83	MP1B	Z	-32.024	2
84	MP1B	Mx	-.037	2
85	MP1B	X	-55.467	4
86	MP1B	Z	-32.024	4
87	MP1B	Mx	-.037	4
88	MP1C	X	-55.467	2
89	MP1C	Z	-32.024	2
90	MP1C	Mx	-.037	2
91	MP1C	X	-55.467	4
92	MP1C	Z	-32.024	4
93	MP1C	Mx	-.037	4
94	MP2A	X	-78.854	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP2A	Z	-45.527	2
96	MP2A	Mx	.092	2
97	MP2A	X	-78.854	4
98	MP2A	Z	-45.527	4
99	MP2A	Mx	.092	4
100	MP4A	X	-78.854	2
101	MP4A	Z	-45.527	2
102	MP4A	Mx	.092	2
103	MP4A	X	-78.854	4
104	MP4A	Z	-45.527	4
105	MP4A	Mx	.092	4
106	MP4B	X	-55.467	2
107	MP4B	Z	-32.024	2
108	MP4B	Mx	-.037	2
109	MP4B	X	-55.467	4
110	MP4B	Z	-32.024	4
111	MP4B	Mx	-.037	4
112	MP4C	X	-55.467	2
113	MP4C	Z	-32.024	2
114	MP4C	Mx	-.037	2
115	MP4C	X	-55.467	4
116	MP4C	Z	-32.024	4
117	MP4C	Mx	-.037	4
118	M128	X	-111.972	2
119	M128	Z	-64.647	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-38.587	2
2	MP3A	Z	-66.835	2
3	MP3A	Mx	.019	2
4	MP3A	X	-38.587	4
5	MP3A	Z	-66.835	4
6	MP3A	Mx	.019	4
7	MP3B	X	-45.511	2
8	MP3B	Z	-78.827	2
9	MP3B	Mx	0	2
10	MP3B	X	-45.511	4
11	MP3B	Z	-78.827	4
12	MP3B	Mx	0	4
13	MP3C	X	-24.741	2
14	MP3C	Z	-42.852	2
15	MP3C	Mx	-.021	2
16	MP3C	X	-24.741	4
17	MP3C	Z	-42.852	4
18	MP3C	Mx	-.021	4
19	MP1A	X	-6.614	4
20	MP1A	Z	-11.455	4
21	MP1A	Mx	-.003	4
22	MP2B	X	-7.166	4
23	MP2B	Z	-12.411	4
24	MP2B	Mx	0	4
25	MP2C	X	-5.51	4
26	MP2C	Z	-9.543	4
27	MP2C	Mx	.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP1A	X	-33.213	2
29	MP1A	Z	-57.527	2
30	MP1A	Mx	-.017	2
31	MP1B	X	-36.215	2
32	MP1B	Z	-62.726	2
33	MP1B	Mx	0	2
34	MP1C	X	-27.21	2
35	MP1C	Z	-47.128	2
36	MP1C	Mx	.024	2
37	MP2A	X	-32.668	2
38	MP2A	Z	-56.583	2
39	MP2A	Mx	-.016	2
40	MP2B	X	-36.215	2
41	MP2B	Z	-62.726	2
42	MP2B	Mx	0	2
43	MP2C	X	-25.576	2
44	MP2C	Z	-44.298	2
45	MP2C	Mx	.022	2
46	MP1A	X	-80.644	1
47	MP1A	Z	-139.68	1
48	MP1A	Mx	.147	1
49	MP1A	X	-80.644	5
50	MP1A	Z	-139.68	5
51	MP1A	Mx	.147	5
52	MP1A	X	-80.644	1
53	MP1A	Z	-139.68	1
54	MP1A	Mx	-.039	1
55	MP1A	X	-80.644	5
56	MP1A	Z	-139.68	5
57	MP1A	Mx	-.039	5
58	MP2C	X	-65.506	1
59	MP2C	Z	-113.46	1
60	MP2C	Mx	-.032	1
61	MP2C	X	-65.506	5
62	MP2C	Z	-113.46	5
63	MP2C	Mx	-.032	5
64	MP2B	X	-88.213	1
65	MP2B	Z	-152.79	1
66	MP2B	Mx	-.118	1
67	MP2B	X	-88.213	5
68	MP2B	Z	-152.79	5
69	MP2B	Mx	-.118	5
70	MP2C	X	-65.506	1
71	MP2C	Z	-113.46	1
72	MP2C	Mx	-.119	1
73	MP2C	X	-65.506	5
74	MP2C	Z	-113.46	5
75	MP2C	Mx	-.119	5
76	MP2B	X	-88.213	1
77	MP2B	Z	-152.79	1
78	MP2B	Mx	.118	1
79	MP2B	X	-88.213	5
80	MP2B	Z	-152.79	5
81	MP2B	Mx	.118	5
82	MP1B	X	-25.273	2
83	MP1B	Z	-43.774	2
84	MP1B	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1B	X	-25.273	4
86	MP1B	Z	-43.774	4
87	MP1B	Mx	0	4
88	MP1C	X	-45.527	2
89	MP1C	Z	-78.854	2
90	MP1C	Mx	-.092	2
91	MP1C	X	-45.527	4
92	MP1C	Z	-78.854	4
93	MP1C	Mx	-.092	4
94	MP2A	X	-32.024	2
95	MP2A	Z	-55.467	2
96	MP2A	Mx	.037	2
97	MP2A	X	-32.024	4
98	MP2A	Z	-55.467	4
99	MP2A	Mx	.037	4
100	MP4A	X	-32.024	2
101	MP4A	Z	-55.467	2
102	MP4A	Mx	.037	2
103	MP4A	X	-32.024	4
104	MP4A	Z	-55.467	4
105	MP4A	Mx	.037	4
106	MP4B	X	-25.273	2
107	MP4B	Z	-43.774	2
108	MP4B	Mx	0	2
109	MP4B	X	-25.273	4
110	MP4B	Z	-43.774	4
111	MP4B	Mx	0	4
112	MP4C	X	-45.527	2
113	MP4C	Z	-78.854	2
114	MP4C	Mx	-.092	2
115	MP4C	X	-45.527	4
116	MP4C	Z	-78.854	4
117	MP4C	Mx	-.092	4
118	M128	X	-73.967	2
119	M128	Z	-128.114	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2
2	MP3A	Z	-16.489	2
3	MP3A	Mx	0	2
4	MP3A	X	0	4
5	MP3A	Z	-16.489	4
6	MP3A	Mx	0	4
7	MP3B	X	0	2
8	MP3B	Z	-14.125	2
9	MP3B	Mx	.004	2
10	MP3B	X	0	4
11	MP3B	Z	-14.125	4
12	MP3B	Mx	.004	4
13	MP3C	X	0	2
14	MP3C	Z	-7.035	2
15	MP3C	Mx	-.004	2
16	MP3C	X	0	4
17	MP3C	Z	-7.035	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	-.004	4
19	MP1A	X	0	4
20	MP1A	Z	-3.389	4
21	MP1A	Mx	0	4
22	MP2B	X	0	4
23	MP2B	Z	-3.179	4
24	MP2B	Mx	-.000662	4
25	MP2C	X	0	4
26	MP2C	Z	-2.546	4
27	MP2C	Mx	.001	4
28	MP1A	X	0	2
29	MP1A	Z	-13.911	2
30	MP1A	Mx	0	2
31	MP1B	X	0	2
32	MP1B	Z	-12.855	2
33	MP1B	Mx	-.003	2
34	MP1C	X	0	2
35	MP1C	Z	-9.684	2
36	MP1C	Mx	.005	2
37	MP2A	X	0	2
38	MP2A	Z	-13.911	2
39	MP2A	Mx	0	2
40	MP2B	X	0	2
41	MP2B	Z	-12.664	2
42	MP2B	Mx	-.003	2
43	MP2C	X	0	2
44	MP2C	Z	-8.923	2
45	MP2C	Mx	.004	2
46	MP1A	X	0	1
47	MP1A	Z	-30.986	1
48	MP1A	Mx	.021	1
49	MP1A	X	0	5
50	MP1A	Z	-30.986	5
51	MP1A	Mx	.021	5
52	MP1A	X	0	1
53	MP1A	Z	-30.986	1
54	MP1A	Mx	-.021	1
55	MP1A	X	0	5
56	MP1A	Z	-30.986	5
57	MP1A	Mx	-.021	5
58	MP2C	X	0	1
59	MP2C	Z	-21.151	1
60	MP2C	Mx	-.014	1
61	MP2C	X	0	5
62	MP2C	Z	-21.151	5
63	MP2C	Mx	-.014	5
64	MP2B	X	0	1
65	MP2B	Z	-28.527	1
66	MP2B	Mx	-.007	1
67	MP2B	X	0	5
68	MP2B	Z	-28.527	5
69	MP2B	Mx	-.007	5
70	MP2C	X	0	1
71	MP2C	Z	-21.151	1
72	MP2C	Mx	-.014	1
73	MP2C	X	0	5
74	MP2C	Z	-21.151	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	-.014	5
76	MP2B	X	0	1
77	MP2B	Z	-28.527	1
78	MP2B	Mx	.026	1
79	MP2B	X	0	5
80	MP2B	Z	-28.527	5
81	MP2B	Mx	.026	5
82	MP1B	X	0	2
83	MP1B	Z	-12.068	2
84	MP1B	Mx	.007	2
85	MP1B	X	0	4
86	MP1B	Z	-12.068	4
87	MP1B	Mx	.007	4
88	MP1C	X	0	2
89	MP1C	Z	-18.768	2
90	MP1C	Mx	-.022	2
91	MP1C	X	0	4
92	MP1C	Z	-18.768	4
93	MP1C	Mx	-.022	4
94	MP2A	X	0	2
95	MP2A	Z	-9.835	2
96	MP2A	Mx	0	2
97	MP2A	X	0	4
98	MP2A	Z	-9.835	4
99	MP2A	Mx	0	4
100	MP4A	X	0	2
101	MP4A	Z	-9.835	2
102	MP4A	Mx	0	2
103	MP4A	X	0	4
104	MP4A	Z	-9.835	4
105	MP4A	Mx	0	4
106	MP4B	X	0	2
107	MP4B	Z	-12.068	2
108	MP4B	Mx	.007	2
109	MP4B	X	0	4
110	MP4B	Z	-12.068	4
111	MP4B	Mx	.007	4
112	MP4C	X	0	2
113	MP4C	Z	-18.768	2
114	MP4C	Mx	-.022	2
115	MP4C	X	0	4
116	MP4C	Z	-18.768	4
117	MP4C	Mx	-.022	4
118	M128	X	0	2
119	M128	Z	-28.562	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.063	2
2	MP3A	Z	-12.233	2
3	MP3A	Mx	-.004	2
4	MP3A	X	7.063	4
5	MP3A	Z	-12.233	4
6	MP3A	Mx	-.004	4
7	MP3B	X	4.699	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	-8.139	2
9	MP3B	Mx	.004	2
10	MP3B	X	4.699	4
11	MP3B	Z	-8.139	4
12	MP3B	Mx	.004	4
13	MP3C	X	4.699	2
14	MP3C	Z	-8.139	2
15	MP3C	Mx	-.004	2
16	MP3C	X	4.699	4
17	MP3C	Z	-8.139	4
18	MP3C	Mx	-.004	4
19	MP1A	X	1.589	4
20	MP1A	Z	-2.753	4
21	MP1A	Mx	.000662	4
22	MP2B	X	1.379	4
23	MP2B	Z	-2.388	4
24	MP2B	Mx	-.000995	4
25	MP2C	X	1.379	4
26	MP2C	Z	-2.388	4
27	MP2C	Mx	.000995	4
28	MP1A	X	6.427	2
29	MP1A	Z	-11.132	2
30	MP1A	Mx	.003	2
31	MP1B	X	5.37	2
32	MP1B	Z	-9.302	2
33	MP1B	Mx	-.005	2
34	MP1C	X	5.37	2
35	MP1C	Z	-9.302	2
36	MP1C	Mx	.005	2
37	MP2A	X	6.332	2
38	MP2A	Z	-10.968	2
39	MP2A	Mx	.003	2
40	MP2B	X	5.085	2
41	MP2B	Z	-8.808	2
42	MP2B	Mx	-.004	2
43	MP2C	X	5.085	2
44	MP2C	Z	-8.808	2
45	MP2C	Mx	.004	2
46	MP1A	X	14.264	1
47	MP1A	Z	-24.705	1
48	MP1A	Mx	.007	1
49	MP1A	X	14.264	5
50	MP1A	Z	-24.705	5
51	MP1A	Mx	.007	5
52	MP1A	X	14.264	1
53	MP1A	Z	-24.705	1
54	MP1A	Mx	-.026	1
55	MP1A	X	14.264	5
56	MP1A	Z	-24.705	5
57	MP1A	Mx	-.026	5
58	MP2C	X	11.805	1
59	MP2C	Z	-20.447	1
60	MP2C	Mx	-.022	1
61	MP2C	X	11.805	5
62	MP2C	Z	-20.447	5
63	MP2C	Mx	-.022	5
64	MP2B	X	11.805	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	-20.447	1
66	MP2B	Mx	.006	1
67	MP2B	X	11.805	5
68	MP2B	Z	-20.447	5
69	MP2B	Mx	.006	5
70	MP2C	X	11.805	1
71	MP2C	Z	-20.447	1
72	MP2C	Mx	-.006	1
73	MP2C	X	11.805	5
74	MP2C	Z	-20.447	5
75	MP2C	Mx	-.006	5
76	MP2B	X	11.805	1
77	MP2B	Z	-20.447	1
78	MP2B	Mx	.022	1
79	MP2B	X	11.805	5
80	MP2B	Z	-20.447	5
81	MP2B	Mx	.022	5
82	MP1B	X	8.267	2
83	MP1B	Z	-14.319	2
84	MP1B	Mx	.017	2
85	MP1B	X	8.267	4
86	MP1B	Z	-14.319	4
87	MP1B	Mx	.017	4
88	MP1C	X	8.267	2
89	MP1C	Z	-14.319	2
90	MP1C	Mx	-.017	2
91	MP1C	X	8.267	4
92	MP1C	Z	-14.319	4
93	MP1C	Mx	-.017	4
94	MP2A	X	6.034	2
95	MP2A	Z	-10.451	2
96	MP2A	Mx	-.007	2
97	MP2A	X	6.034	4
98	MP2A	Z	-10.451	4
99	MP2A	Mx	-.007	4
100	MP4A	X	6.034	2
101	MP4A	Z	-10.451	2
102	MP4A	Mx	-.007	2
103	MP4A	X	6.034	4
104	MP4A	Z	-10.451	4
105	MP4A	Mx	-.007	4
106	MP4B	X	8.267	2
107	MP4B	Z	-14.319	2
108	MP4B	Mx	.017	2
109	MP4B	X	8.267	4
110	MP4B	Z	-14.319	4
111	MP4B	Mx	.017	4
112	MP4C	X	8.267	2
113	MP4C	Z	-14.319	2
114	MP4C	Mx	-.017	2
115	MP4C	X	8.267	4
116	MP4C	Z	-14.319	4
117	MP4C	Mx	-.017	4
118	M128	X	13.504	2
119	M128	Z	-23.39	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.139	2
2	MP3A	Z	-4.699	2
3	MP3A	Mx	-.004	2
4	MP3A	X	8.139	4
5	MP3A	Z	-4.699	4
6	MP3A	Mx	-.004	4
7	MP3B	X	6.092	2
8	MP3B	Z	-3.517	2
9	MP3B	Mx	.004	2
10	MP3B	X	6.092	4
11	MP3B	Z	-3.517	4
12	MP3B	Mx	.004	4
13	MP3C	X	12.233	2
14	MP3C	Z	-7.063	2
15	MP3C	Mx	-.004	2
16	MP3C	X	12.233	4
17	MP3C	Z	-7.063	4
18	MP3C	Mx	-.004	4
19	MP1A	X	2.388	4
20	MP1A	Z	-1.379	4
21	MP1A	Mx	.000995	4
22	MP2B	X	2.205	4
23	MP2B	Z	-1.273	4
24	MP2B	Mx	-.001	4
25	MP2C	X	2.753	4
26	MP2C	Z	-1.589	4
27	MP2C	Mx	.000662	4
28	MP1A	X	9.302	2
29	MP1A	Z	-5.37	2
30	MP1A	Mx	.005	2
31	MP1B	X	8.387	2
32	MP1B	Z	-4.842	2
33	MP1B	Mx	-.005	2
34	MP1C	X	11.132	2
35	MP1C	Z	-6.427	2
36	MP1C	Mx	.003	2
37	MP2A	X	8.808	2
38	MP2A	Z	-5.085	2
39	MP2A	Mx	.004	2
40	MP2B	X	7.728	2
41	MP2B	Z	-4.462	2
42	MP2B	Mx	-.004	2
43	MP2C	X	10.968	2
44	MP2C	Z	-6.332	2
45	MP2C	Mx	.003	2
46	MP1A	X	20.447	1
47	MP1A	Z	-11.805	1
48	MP1A	Mx	-.006	1
49	MP1A	X	20.447	5
50	MP1A	Z	-11.805	5
51	MP1A	Mx	-.006	5
52	MP1A	X	20.447	1
53	MP1A	Z	-11.805	1
54	MP1A	Mx	-.022	1
55	MP1A	X	20.447	5
56	MP1A	Z	-11.805	5
57	MP1A	Mx	-.022	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2C	X	24.705	1
59	MP2C	Z	-14.264	1
60	MP2C	Mx	-.026	1
61	MP2C	X	24.705	5
62	MP2C	Z	-14.264	5
63	MP2C	Mx	-.026	5
64	MP2B	X	18.318	1
65	MP2B	Z	-10.576	1
66	MP2B	Mx	.014	1
67	MP2B	X	18.318	5
68	MP2B	Z	-10.576	5
69	MP2B	Mx	.014	5
70	MP2C	X	24.705	1
71	MP2C	Z	-14.264	1
72	MP2C	Mx	.007	1
73	MP2C	X	24.705	5
74	MP2C	Z	-14.264	5
75	MP2C	Mx	.007	5
76	MP2B	X	18.318	1
77	MP2B	Z	-10.576	1
78	MP2B	Mx	.014	1
79	MP2B	X	18.318	5
80	MP2B	Z	-10.576	5
81	MP2B	Mx	.014	5
82	MP1B	X	16.253	2
83	MP1B	Z	-9.384	2
84	MP1B	Mx	.022	2
85	MP1B	X	16.253	4
86	MP1B	Z	-9.384	4
87	MP1B	Mx	.022	4
88	MP1C	X	10.451	2
89	MP1C	Z	-6.034	2
90	MP1C	Mx	-.007	2
91	MP1C	X	10.451	4
92	MP1C	Z	-6.034	4
93	MP1C	Mx	-.007	4
94	MP2A	X	14.319	2
95	MP2A	Z	-8.267	2
96	MP2A	Mx	-.017	2
97	MP2A	X	14.319	4
98	MP2A	Z	-8.267	4
99	MP2A	Mx	-.017	4
100	MP4A	X	14.319	2
101	MP4A	Z	-8.267	2
102	MP4A	Mx	-.017	2
103	MP4A	X	14.319	4
104	MP4A	Z	-8.267	4
105	MP4A	Mx	-.017	4
106	MP4B	X	16.253	2
107	MP4B	Z	-9.384	2
108	MP4B	Mx	.022	2
109	MP4B	X	16.253	4
110	MP4B	Z	-9.384	4
111	MP4B	Mx	.022	4
112	MP4C	X	10.451	2
113	MP4C	Z	-6.034	2
114	MP4C	Mx	-.007	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	10.451	4
116	MP4C	Z	-6.034	4
117	MP4C	Mx	-.007	4
118	M128	X	20.697	2
119	M128	Z	-11.95	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.035	2
2	MP3A	Z	0	2
3	MP3A	Mx	-.004	2
4	MP3A	X	7.035	4
5	MP3A	Z	0	4
6	MP3A	Mx	-.004	4
7	MP3B	X	9.398	2
8	MP3B	Z	0	2
9	MP3B	Mx	.004	2
10	MP3B	X	9.398	4
11	MP3B	Z	0	4
12	MP3B	Mx	.004	4
13	MP3C	X	16.489	2
14	MP3C	Z	0	2
15	MP3C	Mx	0	2
16	MP3C	X	16.489	4
17	MP3C	Z	0	4
18	MP3C	Mx	0	4
19	MP1A	X	2.546	4
20	MP1A	Z	0	4
21	MP1A	Mx	.001	4
22	MP2B	X	2.757	4
23	MP2B	Z	0	4
24	MP2B	Mx	-.000995	4
25	MP2C	X	3.389	4
26	MP2C	Z	0	4
27	MP2C	Mx	0	4
28	MP1A	X	9.684	2
29	MP1A	Z	0	2
30	MP1A	Mx	.005	2
31	MP1B	X	10.741	2
32	MP1B	Z	0	2
33	MP1B	Mx	-.005	2
34	MP1C	X	13.911	2
35	MP1C	Z	0	2
36	MP1C	Mx	0	2
37	MP2A	X	8.923	2
38	MP2A	Z	0	2
39	MP2A	Mx	.004	2
40	MP2B	X	10.17	2
41	MP2B	Z	0	2
42	MP2B	Mx	-.004	2
43	MP2C	X	13.911	2
44	MP2C	Z	0	2
45	MP2C	Mx	0	2
46	MP1A	X	21.151	1
47	MP1A	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP1A	Mx	-.014	1
49	MP1A	X	21.151	5
50	MP1A	Z	0	5
51	MP1A	Mx	-.014	5
52	MP1A	X	21.151	1
53	MP1A	Z	0	1
54	MP1A	Mx	-.014	1
55	MP1A	X	21.151	5
56	MP1A	Z	0	5
57	MP1A	Mx	-.014	5
58	MP2C	X	30.986	1
59	MP2C	Z	0	1
60	MP2C	Mx	-.021	1
61	MP2C	X	30.986	5
62	MP2C	Z	0	5
63	MP2C	Mx	-.021	5
64	MP2B	X	23.61	1
65	MP2B	Z	0	1
66	MP2B	Mx	.022	1
67	MP2B	X	23.61	5
68	MP2B	Z	0	5
69	MP2B	Mx	.022	5
70	MP2C	X	30.986	1
71	MP2C	Z	0	1
72	MP2C	Mx	.021	1
73	MP2C	X	30.986	5
74	MP2C	Z	0	5
75	MP2C	Mx	.021	5
76	MP2B	X	23.61	1
77	MP2B	Z	0	1
78	MP2B	Mx	.006	1
79	MP2B	X	23.61	5
80	MP2B	Z	0	5
81	MP2B	Mx	.006	5
82	MP1B	X	16.535	2
83	MP1B	Z	0	2
84	MP1B	Mx	.017	2
85	MP1B	X	16.535	4
86	MP1B	Z	0	4
87	MP1B	Mx	.017	4
88	MP1C	X	9.835	2
89	MP1C	Z	0	2
90	MP1C	Mx	0	2
91	MP1C	X	9.835	4
92	MP1C	Z	0	4
93	MP1C	Mx	0	4
94	MP2A	X	18.768	2
95	MP2A	Z	0	2
96	MP2A	Mx	-.022	2
97	MP2A	X	18.768	4
98	MP2A	Z	0	4
99	MP2A	Mx	-.022	4
100	MP4A	X	18.768	2
101	MP4A	Z	0	2
102	MP4A	Mx	-.022	2
103	MP4A	X	18.768	4
104	MP4A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	-.022	4
106	MP4B	X	16.535	2
107	MP4B	Z	0	2
108	MP4B	Mx	.017	2
109	MP4B	X	16.535	4
110	MP4B	Z	0	4
111	MP4B	Mx	.017	4
112	MP4C	X	9.835	2
113	MP4C	Z	0	2
114	MP4C	Mx	0	2
115	MP4C	X	9.835	4
116	MP4C	Z	0	4
117	MP4C	Mx	0	4
118	M128	X	22.345	2
119	M128	Z	0	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.139	2
2	MP3A	Z	4.699	2
3	MP3A	Mx	-.004	2
4	MP3A	X	8.139	4
5	MP3A	Z	4.699	4
6	MP3A	Mx	-.004	4
7	MP3B	X	12.233	2
8	MP3B	Z	7.063	2
9	MP3B	Mx	.004	2
10	MP3B	X	12.233	4
11	MP3B	Z	7.063	4
12	MP3B	Mx	.004	4
13	MP3C	X	12.233	2
14	MP3C	Z	7.063	2
15	MP3C	Mx	.004	2
16	MP3C	X	12.233	4
17	MP3C	Z	7.063	4
18	MP3C	Mx	.004	4
19	MP1A	X	2.388	4
20	MP1A	Z	1.379	4
21	MP1A	Mx	.000995	4
22	MP2B	X	2.753	4
23	MP2B	Z	1.589	4
24	MP2B	Mx	-.000662	4
25	MP2C	X	2.753	4
26	MP2C	Z	1.589	4
27	MP2C	Mx	-.000662	4
28	MP1A	X	9.302	2
29	MP1A	Z	5.37	2
30	MP1A	Mx	.005	2
31	MP1B	X	11.132	2
32	MP1B	Z	6.427	2
33	MP1B	Mx	-.003	2
34	MP1C	X	11.132	2
35	MP1C	Z	6.427	2
36	MP1C	Mx	-.003	2
37	MP2A	X	8.808	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	5.085	2
39	MP2A	Mx	.004	2
40	MP2B	X	10.968	2
41	MP2B	Z	6.332	2
42	MP2B	Mx	-.003	2
43	MP2C	X	10.968	2
44	MP2C	Z	6.332	2
45	MP2C	Mx	-.003	2
46	MP1A	X	20.447	1
47	MP1A	Z	11.805	1
48	MP1A	Mx	-.022	1
49	MP1A	X	20.447	5
50	MP1A	Z	11.805	5
51	MP1A	Mx	-.022	5
52	MP1A	X	20.447	1
53	MP1A	Z	11.805	1
54	MP1A	Mx	-.006	1
55	MP1A	X	20.447	5
56	MP1A	Z	11.805	5
57	MP1A	Mx	-.006	5
58	MP2C	X	24.705	1
59	MP2C	Z	14.264	1
60	MP2C	Mx	-.007	1
61	MP2C	X	24.705	5
62	MP2C	Z	14.264	5
63	MP2C	Mx	-.007	5
64	MP2B	X	24.705	1
65	MP2B	Z	14.264	1
66	MP2B	Mx	.026	1
67	MP2B	X	24.705	5
68	MP2B	Z	14.264	5
69	MP2B	Mx	.026	5
70	MP2C	X	24.705	1
71	MP2C	Z	14.264	1
72	MP2C	Mx	.026	1
73	MP2C	X	24.705	5
74	MP2C	Z	14.264	5
75	MP2C	Mx	.026	5
76	MP2B	X	24.705	1
77	MP2B	Z	14.264	1
78	MP2B	Mx	-.007	1
79	MP2B	X	24.705	5
80	MP2B	Z	14.264	5
81	MP2B	Mx	-.007	5
82	MP1B	X	10.451	2
83	MP1B	Z	6.034	2
84	MP1B	Mx	.007	2
85	MP1B	X	10.451	4
86	MP1B	Z	6.034	4
87	MP1B	Mx	.007	4
88	MP1C	X	10.451	2
89	MP1C	Z	6.034	2
90	MP1C	Mx	.007	2
91	MP1C	X	10.451	4
92	MP1C	Z	6.034	4
93	MP1C	Mx	.007	4
94	MP2A	X	14.319	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP2A	Z	8.267	2
96	MP2A	Mx	-.017	2
97	MP2A	X	14.319	4
98	MP2A	Z	8.267	4
99	MP2A	Mx	-.017	4
100	MP4A	X	14.319	2
101	MP4A	Z	8.267	2
102	MP4A	Mx	-.017	2
103	MP4A	X	14.319	4
104	MP4A	Z	8.267	4
105	MP4A	Mx	-.017	4
106	MP4B	X	10.451	2
107	MP4B	Z	6.034	2
108	MP4B	Mx	.007	2
109	MP4B	X	10.451	4
110	MP4B	Z	6.034	4
111	MP4B	Mx	.007	4
112	MP4C	X	10.451	2
113	MP4C	Z	6.034	2
114	MP4C	Mx	.007	2
115	MP4C	X	10.451	4
116	MP4C	Z	6.034	4
117	MP4C	Mx	.007	4
118	M128	X	20.697	2
119	M128	Z	11.95	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.063	2
2	MP3A	Z	12.233	2
3	MP3A	Mx	-.004	2
4	MP3A	X	7.063	4
5	MP3A	Z	12.233	4
6	MP3A	Mx	-.004	4
7	MP3B	X	8.244	2
8	MP3B	Z	14.28	2
9	MP3B	Mx	0	2
10	MP3B	X	8.244	4
11	MP3B	Z	14.28	4
12	MP3B	Mx	0	4
13	MP3C	X	4.699	2
14	MP3C	Z	8.139	2
15	MP3C	Mx	.004	2
16	MP3C	X	4.699	4
17	MP3C	Z	8.139	4
18	MP3C	Mx	.004	4
19	MP1A	X	1.589	4
20	MP1A	Z	2.753	4
21	MP1A	Mx	.000662	4
22	MP2B	X	1.695	4
23	MP2B	Z	2.935	4
24	MP2B	Mx	0	4
25	MP2C	X	1.379	4
26	MP2C	Z	2.388	4
27	MP2C	Mx	-.000995	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP1A	X	6.427	2
29	MP1A	Z	11.132	2
30	MP1A	Mx	.003	2
31	MP1B	X	6.956	2
32	MP1B	Z	12.048	2
33	MP1B	Mx	0	2
34	MP1C	X	5.37	2
35	MP1C	Z	9.302	2
36	MP1C	Mx	-.005	2
37	MP2A	X	6.332	2
38	MP2A	Z	10.968	2
39	MP2A	Mx	.003	2
40	MP2B	X	6.956	2
41	MP2B	Z	12.048	2
42	MP2B	Mx	0	2
43	MP2C	X	5.085	2
44	MP2C	Z	8.808	2
45	MP2C	Mx	-.004	2
46	MP1A	X	14.264	1
47	MP1A	Z	24.705	1
48	MP1A	Mx	-.026	1
49	MP1A	X	14.264	5
50	MP1A	Z	24.705	5
51	MP1A	Mx	-.026	5
52	MP1A	X	14.264	1
53	MP1A	Z	24.705	1
54	MP1A	Mx	.007	1
55	MP1A	X	14.264	5
56	MP1A	Z	24.705	5
57	MP1A	Mx	.007	5
58	MP2C	X	11.805	1
59	MP2C	Z	20.447	1
60	MP2C	Mx	.006	1
61	MP2C	X	11.805	5
62	MP2C	Z	20.447	5
63	MP2C	Mx	.006	5
64	MP2B	X	15.493	1
65	MP2B	Z	26.834	1
66	MP2B	Mx	.021	1
67	MP2B	X	15.493	5
68	MP2B	Z	26.834	5
69	MP2B	Mx	.021	5
70	MP2C	X	11.805	1
71	MP2C	Z	20.447	1
72	MP2C	Mx	.022	1
73	MP2C	X	11.805	5
74	MP2C	Z	20.447	5
75	MP2C	Mx	.022	5
76	MP2B	X	15.493	1
77	MP2B	Z	26.834	1
78	MP2B	Mx	-.021	1
79	MP2B	X	15.493	5
80	MP2B	Z	26.834	5
81	MP2B	Mx	-.021	5
82	MP1B	X	4.918	2
83	MP1B	Z	8.518	2
84	MP1B	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1B	X	4.918	4
86	MP1B	Z	8.518	4
87	MP1B	Mx	0	4
88	MP1C	X	8.267	2
89	MP1C	Z	14.319	2
90	MP1C	Mx	.017	2
91	MP1C	X	8.267	4
92	MP1C	Z	14.319	4
93	MP1C	Mx	.017	4
94	MP2A	X	6.034	2
95	MP2A	Z	10.451	2
96	MP2A	Mx	-.007	2
97	MP2A	X	6.034	4
98	MP2A	Z	10.451	4
99	MP2A	Mx	-.007	4
100	MP4A	X	6.034	2
101	MP4A	Z	10.451	2
102	MP4A	Mx	-.007	2
103	MP4A	X	6.034	4
104	MP4A	Z	10.451	4
105	MP4A	Mx	-.007	4
106	MP4B	X	4.918	2
107	MP4B	Z	8.518	2
108	MP4B	Mx	0	2
109	MP4B	X	4.918	4
110	MP4B	Z	8.518	4
111	MP4B	Mx	0	4
112	MP4C	X	8.267	2
113	MP4C	Z	14.319	2
114	MP4C	Mx	.017	2
115	MP4C	X	8.267	4
116	MP4C	Z	14.319	4
117	MP4C	Mx	.017	4
118	M128	X	13.504	2
119	M128	Z	23.39	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2
2	MP3A	Z	16.489	2
3	MP3A	Mx	0	2
4	MP3A	X	0	4
5	MP3A	Z	16.489	4
6	MP3A	Mx	0	4
7	MP3B	X	0	2
8	MP3B	Z	14.125	2
9	MP3B	Mx	-.004	2
10	MP3B	X	0	4
11	MP3B	Z	14.125	4
12	MP3B	Mx	-.004	4
13	MP3C	X	0	2
14	MP3C	Z	7.035	2
15	MP3C	Mx	.004	2
16	MP3C	X	0	4
17	MP3C	Z	7.035	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	.004	4
19	MP1A	X	0	4
20	MP1A	Z	3.389	4
21	MP1A	Mx	0	4
22	MP2B	X	0	4
23	MP2B	Z	3.179	4
24	MP2B	Mx	.000662	4
25	MP2C	X	0	4
26	MP2C	Z	2.546	4
27	MP2C	Mx	-.001	4
28	MP1A	X	0	2
29	MP1A	Z	13.911	2
30	MP1A	Mx	0	2
31	MP1B	X	0	2
32	MP1B	Z	12.855	2
33	MP1B	Mx	.003	2
34	MP1C	X	0	2
35	MP1C	Z	9.684	2
36	MP1C	Mx	-.005	2
37	MP2A	X	0	2
38	MP2A	Z	13.911	2
39	MP2A	Mx	0	2
40	MP2B	X	0	2
41	MP2B	Z	12.664	2
42	MP2B	Mx	.003	2
43	MP2C	X	0	2
44	MP2C	Z	8.923	2
45	MP2C	Mx	-.004	2
46	MP1A	X	0	1
47	MP1A	Z	30.986	1
48	MP1A	Mx	-.021	1
49	MP1A	X	0	5
50	MP1A	Z	30.986	5
51	MP1A	Mx	-.021	5
52	MP1A	X	0	1
53	MP1A	Z	30.986	1
54	MP1A	Mx	.021	1
55	MP1A	X	0	5
56	MP1A	Z	30.986	5
57	MP1A	Mx	.021	5
58	MP2C	X	0	1
59	MP2C	Z	21.151	1
60	MP2C	Mx	.014	1
61	MP2C	X	0	5
62	MP2C	Z	21.151	5
63	MP2C	Mx	.014	5
64	MP2B	X	0	1
65	MP2B	Z	28.527	1
66	MP2B	Mx	.007	1
67	MP2B	X	0	5
68	MP2B	Z	28.527	5
69	MP2B	Mx	.007	5
70	MP2C	X	0	1
71	MP2C	Z	21.151	1
72	MP2C	Mx	.014	1
73	MP2C	X	0	5
74	MP2C	Z	21.151	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	.014	5
76	MP2B	X	0	1
77	MP2B	Z	28.527	1
78	MP2B	Mx	-.026	1
79	MP2B	X	0	5
80	MP2B	Z	28.527	5
81	MP2B	Mx	-.026	5
82	MP1B	X	0	2
83	MP1B	Z	12.068	2
84	MP1B	Mx	-.007	2
85	MP1B	X	0	4
86	MP1B	Z	12.068	4
87	MP1B	Mx	-.007	4
88	MP1C	X	0	2
89	MP1C	Z	18.768	2
90	MP1C	Mx	.022	2
91	MP1C	X	0	4
92	MP1C	Z	18.768	4
93	MP1C	Mx	.022	4
94	MP2A	X	0	2
95	MP2A	Z	9.835	2
96	MP2A	Mx	0	2
97	MP2A	X	0	4
98	MP2A	Z	9.835	4
99	MP2A	Mx	0	4
100	MP4A	X	0	2
101	MP4A	Z	9.835	2
102	MP4A	Mx	0	2
103	MP4A	X	0	4
104	MP4A	Z	9.835	4
105	MP4A	Mx	0	4
106	MP4B	X	0	2
107	MP4B	Z	12.068	2
108	MP4B	Mx	-.007	2
109	MP4B	X	0	4
110	MP4B	Z	12.068	4
111	MP4B	Mx	-.007	4
112	MP4C	X	0	2
113	MP4C	Z	18.768	2
114	MP4C	Mx	.022	2
115	MP4C	X	0	4
116	MP4C	Z	18.768	4
117	MP4C	Mx	.022	4
118	M128	X	0	2
119	M128	Z	28.562	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.063	2
2	MP3A	Z	12.233	2
3	MP3A	Mx	.004	2
4	MP3A	X	-7.063	4
5	MP3A	Z	12.233	4
6	MP3A	Mx	.004	4
7	MP3B	X	-4.699	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	8.139	2
9	MP3B	Mx	-.004	2
10	MP3B	X	-4.699	4
11	MP3B	Z	8.139	4
12	MP3B	Mx	-.004	4
13	MP3C	X	-4.699	2
14	MP3C	Z	8.139	2
15	MP3C	Mx	.004	2
16	MP3C	X	-4.699	4
17	MP3C	Z	8.139	4
18	MP3C	Mx	.004	4
19	MP1A	X	-1.589	4
20	MP1A	Z	2.753	4
21	MP1A	Mx	-.000662	4
22	MP2B	X	-1.379	4
23	MP2B	Z	2.388	4
24	MP2B	Mx	.000995	4
25	MP2C	X	-1.379	4
26	MP2C	Z	2.388	4
27	MP2C	Mx	-.000995	4
28	MP1A	X	-6.427	2
29	MP1A	Z	11.132	2
30	MP1A	Mx	-.003	2
31	MP1B	X	-5.37	2
32	MP1B	Z	9.302	2
33	MP1B	Mx	.005	2
34	MP1C	X	-5.37	2
35	MP1C	Z	9.302	2
36	MP1C	Mx	-.005	2
37	MP2A	X	-6.332	2
38	MP2A	Z	10.968	2
39	MP2A	Mx	-.003	2
40	MP2B	X	-5.085	2
41	MP2B	Z	8.808	2
42	MP2B	Mx	.004	2
43	MP2C	X	-5.085	2
44	MP2C	Z	8.808	2
45	MP2C	Mx	-.004	2
46	MP1A	X	-14.264	1
47	MP1A	Z	24.705	1
48	MP1A	Mx	-.007	1
49	MP1A	X	-14.264	5
50	MP1A	Z	24.705	5
51	MP1A	Mx	-.007	5
52	MP1A	X	-14.264	1
53	MP1A	Z	24.705	1
54	MP1A	Mx	.026	1
55	MP1A	X	-14.264	5
56	MP1A	Z	24.705	5
57	MP1A	Mx	.026	5
58	MP2C	X	-11.805	1
59	MP2C	Z	20.447	1
60	MP2C	Mx	.022	1
61	MP2C	X	-11.805	5
62	MP2C	Z	20.447	5
63	MP2C	Mx	.022	5
64	MP2B	X	-11.805	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	20.447	1
66	MP2B	Mx	-.006	1
67	MP2B	X	-11.805	5
68	MP2B	Z	20.447	5
69	MP2B	Mx	-.006	5
70	MP2C	X	-11.805	1
71	MP2C	Z	20.447	1
72	MP2C	Mx	.006	1
73	MP2C	X	-11.805	5
74	MP2C	Z	20.447	5
75	MP2C	Mx	.006	5
76	MP2B	X	-11.805	1
77	MP2B	Z	20.447	1
78	MP2B	Mx	-.022	1
79	MP2B	X	-11.805	5
80	MP2B	Z	20.447	5
81	MP2B	Mx	-.022	5
82	MP1B	X	-8.267	2
83	MP1B	Z	14.319	2
84	MP1B	Mx	-.017	2
85	MP1B	X	-8.267	4
86	MP1B	Z	14.319	4
87	MP1B	Mx	-.017	4
88	MP1C	X	-8.267	2
89	MP1C	Z	14.319	2
90	MP1C	Mx	.017	2
91	MP1C	X	-8.267	4
92	MP1C	Z	14.319	4
93	MP1C	Mx	.017	4
94	MP2A	X	-6.034	2
95	MP2A	Z	10.451	2
96	MP2A	Mx	.007	2
97	MP2A	X	-6.034	4
98	MP2A	Z	10.451	4
99	MP2A	Mx	.007	4
100	MP4A	X	-6.034	2
101	MP4A	Z	10.451	2
102	MP4A	Mx	.007	2
103	MP4A	X	-6.034	4
104	MP4A	Z	10.451	4
105	MP4A	Mx	.007	4
106	MP4B	X	-8.267	2
107	MP4B	Z	14.319	2
108	MP4B	Mx	-.017	2
109	MP4B	X	-8.267	4
110	MP4B	Z	14.319	4
111	MP4B	Mx	-.017	4
112	MP4C	X	-8.267	2
113	MP4C	Z	14.319	2
114	MP4C	Mx	.017	2
115	MP4C	X	-8.267	4
116	MP4C	Z	14.319	4
117	MP4C	Mx	.017	4
118	M128	X	-13.504	2
119	M128	Z	23.39	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.139	2
2	MP3A	Z	4.699	2
3	MP3A	Mx	.004	2
4	MP3A	X	-8.139	4
5	MP3A	Z	4.699	4
6	MP3A	Mx	.004	4
7	MP3B	X	-6.092	2
8	MP3B	Z	3.517	2
9	MP3B	Mx	-.004	2
10	MP3B	X	-6.092	4
11	MP3B	Z	3.517	4
12	MP3B	Mx	-.004	4
13	MP3C	X	-12.233	2
14	MP3C	Z	7.063	2
15	MP3C	Mx	.004	2
16	MP3C	X	-12.233	4
17	MP3C	Z	7.063	4
18	MP3C	Mx	.004	4
19	MP1A	X	-2.388	4
20	MP1A	Z	1.379	4
21	MP1A	Mx	-.000995	4
22	MP2B	X	-2.205	4
23	MP2B	Z	1.273	4
24	MP2B	Mx	.001	4
25	MP2C	X	-2.753	4
26	MP2C	Z	1.589	4
27	MP2C	Mx	-.000662	4
28	MP1A	X	-9.302	2
29	MP1A	Z	5.37	2
30	MP1A	Mx	-.005	2
31	MP1B	X	-8.387	2
32	MP1B	Z	4.842	2
33	MP1B	Mx	.005	2
34	MP1C	X	-11.132	2
35	MP1C	Z	6.427	2
36	MP1C	Mx	-.003	2
37	MP2A	X	-8.808	2
38	MP2A	Z	5.085	2
39	MP2A	Mx	-.004	2
40	MP2B	X	-7.728	2
41	MP2B	Z	4.462	2
42	MP2B	Mx	.004	2
43	MP2C	X	-10.968	2
44	MP2C	Z	6.332	2
45	MP2C	Mx	-.003	2
46	MP1A	X	-20.447	1
47	MP1A	Z	11.805	1
48	MP1A	Mx	.006	1
49	MP1A	X	-20.447	5
50	MP1A	Z	11.805	5
51	MP1A	Mx	.006	5
52	MP1A	X	-20.447	1
53	MP1A	Z	11.805	1
54	MP1A	Mx	.022	1
55	MP1A	X	-20.447	5
56	MP1A	Z	11.805	5
57	MP1A	Mx	.022	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2C	X	-24.705	1
59	MP2C	Z	14.264	1
60	MP2C	Mx	.026	1
61	MP2C	X	-24.705	5
62	MP2C	Z	14.264	5
63	MP2C	Mx	.026	5
64	MP2B	X	-18.318	1
65	MP2B	Z	10.576	1
66	MP2B	Mx	-.014	1
67	MP2B	X	-18.318	5
68	MP2B	Z	10.576	5
69	MP2B	Mx	-.014	5
70	MP2C	X	-24.705	1
71	MP2C	Z	14.264	1
72	MP2C	Mx	-.007	1
73	MP2C	X	-24.705	5
74	MP2C	Z	14.264	5
75	MP2C	Mx	-.007	5
76	MP2B	X	-18.318	1
77	MP2B	Z	10.576	1
78	MP2B	Mx	-.014	1
79	MP2B	X	-18.318	5
80	MP2B	Z	10.576	5
81	MP2B	Mx	-.014	5
82	MP1B	X	-16.253	2
83	MP1B	Z	9.384	2
84	MP1B	Mx	-.022	2
85	MP1B	X	-16.253	4
86	MP1B	Z	9.384	4
87	MP1B	Mx	-.022	4
88	MP1C	X	-10.451	2
89	MP1C	Z	6.034	2
90	MP1C	Mx	.007	2
91	MP1C	X	-10.451	4
92	MP1C	Z	6.034	4
93	MP1C	Mx	.007	4
94	MP2A	X	-14.319	2
95	MP2A	Z	8.267	2
96	MP2A	Mx	.017	2
97	MP2A	X	-14.319	4
98	MP2A	Z	8.267	4
99	MP2A	Mx	.017	4
100	MP4A	X	-14.319	2
101	MP4A	Z	8.267	2
102	MP4A	Mx	.017	2
103	MP4A	X	-14.319	4
104	MP4A	Z	8.267	4
105	MP4A	Mx	.017	4
106	MP4B	X	-16.253	2
107	MP4B	Z	9.384	2
108	MP4B	Mx	-.022	2
109	MP4B	X	-16.253	4
110	MP4B	Z	9.384	4
111	MP4B	Mx	-.022	4
112	MP4C	X	-10.451	2
113	MP4C	Z	6.034	2
114	MP4C	Mx	.007	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	-10.451	4
116	MP4C	Z	6.034	4
117	MP4C	Mx	.007	4
118	M128	X	-20.697	2
119	M128	Z	11.95	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.035	2
2	MP3A	Z	0	2
3	MP3A	Mx	.004	2
4	MP3A	X	-7.035	4
5	MP3A	Z	0	4
6	MP3A	Mx	.004	4
7	MP3B	X	-9.398	2
8	MP3B	Z	0	2
9	MP3B	Mx	-.004	2
10	MP3B	X	-9.398	4
11	MP3B	Z	0	4
12	MP3B	Mx	-.004	4
13	MP3C	X	-16.489	2
14	MP3C	Z	0	2
15	MP3C	Mx	0	2
16	MP3C	X	-16.489	4
17	MP3C	Z	0	4
18	MP3C	Mx	0	4
19	MP1A	X	-2.546	4
20	MP1A	Z	0	4
21	MP1A	Mx	-.001	4
22	MP2B	X	-2.757	4
23	MP2B	Z	0	4
24	MP2B	Mx	.000995	4
25	MP2C	X	-3.389	4
26	MP2C	Z	0	4
27	MP2C	Mx	0	4
28	MP1A	X	-9.684	2
29	MP1A	Z	0	2
30	MP1A	Mx	-.005	2
31	MP1B	X	-10.741	2
32	MP1B	Z	0	2
33	MP1B	Mx	.005	2
34	MP1C	X	-13.911	2
35	MP1C	Z	0	2
36	MP1C	Mx	0	2
37	MP2A	X	-8.923	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.004	2
40	MP2B	X	-10.17	2
41	MP2B	Z	0	2
42	MP2B	Mx	.004	2
43	MP2C	X	-13.911	2
44	MP2C	Z	0	2
45	MP2C	Mx	0	2
46	MP1A	X	-21.151	1
47	MP1A	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP1A	Mx	.014	1
49	MP1A	X	-21.151	5
50	MP1A	Z	0	5
51	MP1A	Mx	.014	5
52	MP1A	X	-21.151	1
53	MP1A	Z	0	1
54	MP1A	Mx	.014	1
55	MP1A	X	-21.151	5
56	MP1A	Z	0	5
57	MP1A	Mx	.014	5
58	MP2C	X	-30.986	1
59	MP2C	Z	0	1
60	MP2C	Mx	.021	1
61	MP2C	X	-30.986	5
62	MP2C	Z	0	5
63	MP2C	Mx	.021	5
64	MP2B	X	-23.61	1
65	MP2B	Z	0	1
66	MP2B	Mx	-.022	1
67	MP2B	X	-23.61	5
68	MP2B	Z	0	5
69	MP2B	Mx	-.022	5
70	MP2C	X	-30.986	1
71	MP2C	Z	0	1
72	MP2C	Mx	-.021	1
73	MP2C	X	-30.986	5
74	MP2C	Z	0	5
75	MP2C	Mx	-.021	5
76	MP2B	X	-23.61	1
77	MP2B	Z	0	1
78	MP2B	Mx	-.006	1
79	MP2B	X	-23.61	5
80	MP2B	Z	0	5
81	MP2B	Mx	-.006	5
82	MP1B	X	-16.535	2
83	MP1B	Z	0	2
84	MP1B	Mx	-.017	2
85	MP1B	X	-16.535	4
86	MP1B	Z	0	4
87	MP1B	Mx	-.017	4
88	MP1C	X	-9.835	2
89	MP1C	Z	0	2
90	MP1C	Mx	0	2
91	MP1C	X	-9.835	4
92	MP1C	Z	0	4
93	MP1C	Mx	0	4
94	MP2A	X	-18.768	2
95	MP2A	Z	0	2
96	MP2A	Mx	.022	2
97	MP2A	X	-18.768	4
98	MP2A	Z	0	4
99	MP2A	Mx	.022	4
100	MP4A	X	-18.768	2
101	MP4A	Z	0	2
102	MP4A	Mx	.022	2
103	MP4A	X	-18.768	4
104	MP4A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	.022	4
106	MP4B	X	-16.535	2
107	MP4B	Z	0	2
108	MP4B	Mx	-.017	2
109	MP4B	X	-16.535	4
110	MP4B	Z	0	4
111	MP4B	Mx	-.017	4
112	MP4C	X	-9.835	2
113	MP4C	Z	0	2
114	MP4C	Mx	0	2
115	MP4C	X	-9.835	4
116	MP4C	Z	0	4
117	MP4C	Mx	0	4
118	M128	X	-22.345	2
119	M128	Z	0	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.139	2
2	MP3A	Z	-4.699	2
3	MP3A	Mx	.004	2
4	MP3A	X	-8.139	4
5	MP3A	Z	-4.699	4
6	MP3A	Mx	.004	4
7	MP3B	X	-12.233	2
8	MP3B	Z	-7.063	2
9	MP3B	Mx	-.004	2
10	MP3B	X	-12.233	4
11	MP3B	Z	-7.063	4
12	MP3B	Mx	-.004	4
13	MP3C	X	-12.233	2
14	MP3C	Z	-7.063	2
15	MP3C	Mx	-.004	2
16	MP3C	X	-12.233	4
17	MP3C	Z	-7.063	4
18	MP3C	Mx	-.004	4
19	MP1A	X	-2.388	4
20	MP1A	Z	-1.379	4
21	MP1A	Mx	-.000995	4
22	MP2B	X	-2.753	4
23	MP2B	Z	-1.589	4
24	MP2B	Mx	.000662	4
25	MP2C	X	-2.753	4
26	MP2C	Z	-1.589	4
27	MP2C	Mx	.000662	4
28	MP1A	X	-9.302	2
29	MP1A	Z	-5.37	2
30	MP1A	Mx	-.005	2
31	MP1B	X	-11.132	2
32	MP1B	Z	-6.427	2
33	MP1B	Mx	.003	2
34	MP1C	X	-11.132	2
35	MP1C	Z	-6.427	2
36	MP1C	Mx	.003	2
37	MP2A	X	-8.808	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	-5.085	2
39	MP2A	Mx	-.004	2
40	MP2B	X	-10.968	2
41	MP2B	Z	-6.332	2
42	MP2B	Mx	.003	2
43	MP2C	X	-10.968	2
44	MP2C	Z	-6.332	2
45	MP2C	Mx	.003	2
46	MP1A	X	-20.447	1
47	MP1A	Z	-11.805	1
48	MP1A	Mx	.022	1
49	MP1A	X	-20.447	5
50	MP1A	Z	-11.805	5
51	MP1A	Mx	.022	5
52	MP1A	X	-20.447	1
53	MP1A	Z	-11.805	1
54	MP1A	Mx	.006	1
55	MP1A	X	-20.447	5
56	MP1A	Z	-11.805	5
57	MP1A	Mx	.006	5
58	MP2C	X	-24.705	1
59	MP2C	Z	-14.264	1
60	MP2C	Mx	.007	1
61	MP2C	X	-24.705	5
62	MP2C	Z	-14.264	5
63	MP2C	Mx	.007	5
64	MP2B	X	-24.705	1
65	MP2B	Z	-14.264	1
66	MP2B	Mx	-.026	1
67	MP2B	X	-24.705	5
68	MP2B	Z	-14.264	5
69	MP2B	Mx	-.026	5
70	MP2C	X	-24.705	1
71	MP2C	Z	-14.264	1
72	MP2C	Mx	-.026	1
73	MP2C	X	-24.705	5
74	MP2C	Z	-14.264	5
75	MP2C	Mx	-.026	5
76	MP2B	X	-24.705	1
77	MP2B	Z	-14.264	1
78	MP2B	Mx	.007	1
79	MP2B	X	-24.705	5
80	MP2B	Z	-14.264	5
81	MP2B	Mx	.007	5
82	MP1B	X	-10.451	2
83	MP1B	Z	-6.034	2
84	MP1B	Mx	-.007	2
85	MP1B	X	-10.451	4
86	MP1B	Z	-6.034	4
87	MP1B	Mx	-.007	4
88	MP1C	X	-10.451	2
89	MP1C	Z	-6.034	2
90	MP1C	Mx	-.007	2
91	MP1C	X	-10.451	4
92	MP1C	Z	-6.034	4
93	MP1C	Mx	-.007	4
94	MP2A	X	-14.319	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP2A	Z	-8.267	2
96	MP2A	Mx	.017	2
97	MP2A	X	-14.319	4
98	MP2A	Z	-8.267	4
99	MP2A	Mx	.017	4
100	MP4A	X	-14.319	2
101	MP4A	Z	-8.267	2
102	MP4A	Mx	.017	2
103	MP4A	X	-14.319	4
104	MP4A	Z	-8.267	4
105	MP4A	Mx	.017	4
106	MP4B	X	-10.451	2
107	MP4B	Z	-6.034	2
108	MP4B	Mx	-.007	2
109	MP4B	X	-10.451	4
110	MP4B	Z	-6.034	4
111	MP4B	Mx	-.007	4
112	MP4C	X	-10.451	2
113	MP4C	Z	-6.034	2
114	MP4C	Mx	-.007	2
115	MP4C	X	-10.451	4
116	MP4C	Z	-6.034	4
117	MP4C	Mx	-.007	4
118	M128	X	-20.697	2
119	M128	Z	-11.95	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.063	2
2	MP3A	Z	-12.233	2
3	MP3A	Mx	.004	2
4	MP3A	X	-7.063	4
5	MP3A	Z	-12.233	4
6	MP3A	Mx	.004	4
7	MP3B	X	-8.244	2
8	MP3B	Z	-14.28	2
9	MP3B	Mx	0	2
10	MP3B	X	-8.244	4
11	MP3B	Z	-14.28	4
12	MP3B	Mx	0	4
13	MP3C	X	-4.699	2
14	MP3C	Z	-8.139	2
15	MP3C	Mx	-.004	2
16	MP3C	X	-4.699	4
17	MP3C	Z	-8.139	4
18	MP3C	Mx	-.004	4
19	MP1A	X	-1.589	4
20	MP1A	Z	-2.753	4
21	MP1A	Mx	-.000662	4
22	MP2B	X	-1.695	4
23	MP2B	Z	-2.935	4
24	MP2B	Mx	0	4
25	MP2C	X	-1.379	4
26	MP2C	Z	-2.388	4
27	MP2C	Mx	.000995	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP1A	X	-6.427	2
29	MP1A	Z	-11.132	2
30	MP1A	Mx	-.003	2
31	MP1B	X	-6.956	2
32	MP1B	Z	-12.048	2
33	MP1B	Mx	0	2
34	MP1C	X	-5.37	2
35	MP1C	Z	-9.302	2
36	MP1C	Mx	.005	2
37	MP2A	X	-6.332	2
38	MP2A	Z	-10.968	2
39	MP2A	Mx	-.003	2
40	MP2B	X	-6.956	2
41	MP2B	Z	-12.048	2
42	MP2B	Mx	0	2
43	MP2C	X	-5.085	2
44	MP2C	Z	-8.808	2
45	MP2C	Mx	.004	2
46	MP1A	X	-14.264	1
47	MP1A	Z	-24.705	1
48	MP1A	Mx	.026	1
49	MP1A	X	-14.264	5
50	MP1A	Z	-24.705	5
51	MP1A	Mx	.026	5
52	MP1A	X	-14.264	1
53	MP1A	Z	-24.705	1
54	MP1A	Mx	-.007	1
55	MP1A	X	-14.264	5
56	MP1A	Z	-24.705	5
57	MP1A	Mx	-.007	5
58	MP2C	X	-11.805	1
59	MP2C	Z	-20.447	1
60	MP2C	Mx	-.006	1
61	MP2C	X	-11.805	5
62	MP2C	Z	-20.447	5
63	MP2C	Mx	-.006	5
64	MP2B	X	-15.493	1
65	MP2B	Z	-26.834	1
66	MP2B	Mx	-.021	1
67	MP2B	X	-15.493	5
68	MP2B	Z	-26.834	5
69	MP2B	Mx	-.021	5
70	MP2C	X	-11.805	1
71	MP2C	Z	-20.447	1
72	MP2C	Mx	-.022	1
73	MP2C	X	-11.805	5
74	MP2C	Z	-20.447	5
75	MP2C	Mx	-.022	5
76	MP2B	X	-15.493	1
77	MP2B	Z	-26.834	1
78	MP2B	Mx	.021	1
79	MP2B	X	-15.493	5
80	MP2B	Z	-26.834	5
81	MP2B	Mx	.021	5
82	MP1B	X	-4.918	2
83	MP1B	Z	-8.518	2
84	MP1B	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1B	X	-4.918	4
86	MP1B	Z	-8.518	4
87	MP1B	Mx	0	4
88	MP1C	X	-8.267	2
89	MP1C	Z	-14.319	2
90	MP1C	Mx	-.017	2
91	MP1C	X	-8.267	4
92	MP1C	Z	-14.319	4
93	MP1C	Mx	-.017	4
94	MP2A	X	-6.034	2
95	MP2A	Z	-10.451	2
96	MP2A	Mx	.007	2
97	MP2A	X	-6.034	4
98	MP2A	Z	-10.451	4
99	MP2A	Mx	.007	4
100	MP4A	X	-6.034	2
101	MP4A	Z	-10.451	2
102	MP4A	Mx	.007	2
103	MP4A	X	-6.034	4
104	MP4A	Z	-10.451	4
105	MP4A	Mx	.007	4
106	MP4B	X	-4.918	2
107	MP4B	Z	-8.518	2
108	MP4B	Mx	0	2
109	MP4B	X	-4.918	4
110	MP4B	Z	-8.518	4
111	MP4B	Mx	0	4
112	MP4C	X	-8.267	2
113	MP4C	Z	-14.319	2
114	MP4C	Mx	-.017	2
115	MP4C	X	-8.267	4
116	MP4C	Z	-14.319	4
117	MP4C	Mx	-.017	4
118	M128	X	-13.504	2
119	M128	Z	-23.39	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2
2	MP3A	Z	-5.243	2
3	MP3A	Mx	0	2
4	MP3A	X	0	4
5	MP3A	Z	-5.243	4
6	MP3A	Mx	0	4
7	MP3B	X	0	2
8	MP3B	Z	-4.445	2
9	MP3B	Mx	.001	2
10	MP3B	X	0	4
11	MP3B	Z	-4.445	4
12	MP3B	Mx	.001	4
13	MP3C	X	0	2
14	MP3C	Z	-2.053	2
15	MP3C	Mx	-.001	2
16	MP3C	X	0	4
17	MP3C	Z	-2.053	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	-.001	4
19	MP1A	X	0	4
20	MP1A	Z	-.825	4
21	MP1A	Mx	0	4
22	MP2B	X	0	4
23	MP2B	Z	-.762	4
24	MP2B	Mx	-.000159	4
25	MP2C	X	0	4
26	MP2C	Z	-.571	4
27	MP2C	Mx	.000238	4
28	MP1A	X	0	2
29	MP1A	Z	-4.172	2
30	MP1A	Mx	0	2
31	MP1B	X	0	2
32	MP1B	Z	-3.826	2
33	MP1B	Mx	-.000956	2
34	MP1C	X	0	2
35	MP1C	Z	-2.789	2
36	MP1C	Mx	.001	2
37	MP2A	X	0	2
38	MP2A	Z	-4.172	2
39	MP2A	Mx	0	2
40	MP2B	X	0	2
41	MP2B	Z	-3.763	2
42	MP2B	Mx	-.000941	2
43	MP2C	X	0	2
44	MP2C	Z	-2.538	2
45	MP2C	Mx	.001	2
46	MP1A	X	0	1
47	MP1A	Z	-10.162	1
48	MP1A	Mx	.007	1
49	MP1A	X	0	5
50	MP1A	Z	-10.162	5
51	MP1A	Mx	.007	5
52	MP1A	X	0	1
53	MP1A	Z	-10.162	1
54	MP1A	Mx	-.007	1
55	MP1A	X	0	5
56	MP1A	Z	-10.162	5
57	MP1A	Mx	-.007	5
58	MP2C	X	0	1
59	MP2C	Z	-6.674	1
60	MP2C	Mx	-.004	1
61	MP2C	X	0	5
62	MP2C	Z	-6.674	5
63	MP2C	Mx	-.004	5
64	MP2B	X	0	1
65	MP2B	Z	-9.29	1
66	MP2B	Mx	-.002	1
67	MP2B	X	0	5
68	MP2B	Z	-9.29	5
69	MP2B	Mx	-.002	5
70	MP2C	X	0	1
71	MP2C	Z	-6.674	1
72	MP2C	Mx	-.004	1
73	MP2C	X	0	5
74	MP2C	Z	-6.674	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	-.004	5
76	MP2B	X	0	1
77	MP2B	Z	-9.29	1
78	MP2B	Mx	.008	1
79	MP2B	X	0	5
80	MP2B	Z	-9.29	5
81	MP2B	Mx	.008	5
82	MP1B	X	0	2
83	MP1B	Z	-3.689	2
84	MP1B	Mx	.002	2
85	MP1B	X	0	4
86	MP1B	Z	-3.689	4
87	MP1B	Mx	.002	4
88	MP1C	X	0	2
89	MP1C	Z	-6.022	2
90	MP1C	Mx	-.007	2
91	MP1C	X	0	4
92	MP1C	Z	-6.022	4
93	MP1C	Mx	-.007	4
94	MP2A	X	0	2
95	MP2A	Z	-2.911	2
96	MP2A	Mx	0	2
97	MP2A	X	0	4
98	MP2A	Z	-2.911	4
99	MP2A	Mx	0	4
100	MP4A	X	0	2
101	MP4A	Z	-2.911	2
102	MP4A	Mx	0	2
103	MP4A	X	0	4
104	MP4A	Z	-2.911	4
105	MP4A	Mx	0	4
106	MP4B	X	0	2
107	MP4B	Z	-3.689	2
108	MP4B	Mx	.002	2
109	MP4B	X	0	4
110	MP4B	Z	-3.689	4
111	MP4B	Mx	.002	4
112	MP4C	X	0	2
113	MP4C	Z	-6.022	2
114	MP4C	Mx	-.007	2
115	MP4C	X	0	4
116	MP4C	Z	-6.022	4
117	MP4C	Mx	-.007	4
118	M128	X	0	2
119	M128	Z	-9.058	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.223	2
2	MP3A	Z	-3.85	2
3	MP3A	Mx	-.001	2
4	MP3A	X	2.223	4
5	MP3A	Z	-3.85	4
6	MP3A	Mx	-.001	4
7	MP3B	X	1.425	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	-2.468	2
9	MP3B	Mx	.001	2
10	MP3B	X	1.425	4
11	MP3B	Z	-2.468	4
12	MP3B	Mx	.001	4
13	MP3C	X	1.425	2
14	MP3C	Z	-2.468	2
15	MP3C	Mx	-.001	2
16	MP3C	X	1.425	4
17	MP3C	Z	-2.468	4
18	MP3C	Mx	-.001	4
19	MP1A	X	.381	4
20	MP1A	Z	-.66	4
21	MP1A	Mx	.000159	4
22	MP2B	X	.317	4
23	MP2B	Z	-.55	4
24	MP2B	Mx	-.000229	4
25	MP2C	X	.317	4
26	MP2C	Z	-.55	4
27	MP2C	Mx	.000229	4
28	MP1A	X	1.913	2
29	MP1A	Z	-3.314	2
30	MP1A	Mx	.000956	2
31	MP1B	X	1.567	2
32	MP1B	Z	-2.715	2
33	MP1B	Mx	-.001	2
34	MP1C	X	1.567	2
35	MP1C	Z	-2.715	2
36	MP1C	Mx	.001	2
37	MP2A	X	1.882	2
38	MP2A	Z	-3.259	2
39	MP2A	Mx	.000941	2
40	MP2B	X	1.473	2
41	MP2B	Z	-2.552	2
42	MP2B	Mx	-.001	2
43	MP2C	X	1.473	2
44	MP2C	Z	-2.552	2
45	MP2C	Mx	.001	2
46	MP1A	X	4.645	1
47	MP1A	Z	-8.046	1
48	MP1A	Mx	.002	1
49	MP1A	X	4.645	5
50	MP1A	Z	-8.046	5
51	MP1A	Mx	.002	5
52	MP1A	X	4.645	1
53	MP1A	Z	-8.046	1
54	MP1A	Mx	-.008	1
55	MP1A	X	4.645	5
56	MP1A	Z	-8.046	5
57	MP1A	Mx	-.008	5
58	MP2C	X	3.773	1
59	MP2C	Z	-6.535	1
60	MP2C	Mx	-.007	1
61	MP2C	X	3.773	5
62	MP2C	Z	-6.535	5
63	MP2C	Mx	-.007	5
64	MP2B	X	3.773	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	-6.535	1
66	MP2B	Mx	.002	1
67	MP2B	X	3.773	5
68	MP2B	Z	-6.535	5
69	MP2B	Mx	.002	5
70	MP2C	X	3.773	1
71	MP2C	Z	-6.535	1
72	MP2C	Mx	-.002	1
73	MP2C	X	3.773	5
74	MP2C	Z	-6.535	5
75	MP2C	Mx	-.002	5
76	MP2B	X	3.773	1
77	MP2B	Z	-6.535	1
78	MP2B	Mx	.007	1
79	MP2B	X	3.773	5
80	MP2B	Z	-6.535	5
81	MP2B	Mx	.007	5
82	MP1B	X	2.622	2
83	MP1B	Z	-4.542	2
84	MP1B	Mx	.005	2
85	MP1B	X	2.622	4
86	MP1B	Z	-4.542	4
87	MP1B	Mx	.005	4
88	MP1C	X	2.622	2
89	MP1C	Z	-4.542	2
90	MP1C	Mx	-.005	2
91	MP1C	X	2.622	4
92	MP1C	Z	-4.542	4
93	MP1C	Mx	-.005	4
94	MP2A	X	1.845	2
95	MP2A	Z	-3.195	2
96	MP2A	Mx	-.002	2
97	MP2A	X	1.845	4
98	MP2A	Z	-3.195	4
99	MP2A	Mx	-.002	4
100	MP4A	X	1.845	2
101	MP4A	Z	-3.195	2
102	MP4A	Mx	-.002	2
103	MP4A	X	1.845	4
104	MP4A	Z	-3.195	4
105	MP4A	Mx	-.002	4
106	MP4B	X	2.622	2
107	MP4B	Z	-4.542	2
108	MP4B	Mx	.005	2
109	MP4B	X	2.622	4
110	MP4B	Z	-4.542	4
111	MP4B	Mx	.005	4
112	MP4C	X	2.622	2
113	MP4C	Z	-4.542	2
114	MP4C	Mx	-.005	2
115	MP4C	X	2.622	4
116	MP4C	Z	-4.542	4
117	MP4C	Mx	-.005	4
118	M128	X	4.26	2
119	M128	Z	-7.379	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.468	2
2	MP3A	Z	-1.425	2
3	MP3A	Mx	-.001	2
4	MP3A	X	2.468	4
5	MP3A	Z	-1.425	4
6	MP3A	Mx	-.001	4
7	MP3B	X	1.778	2
8	MP3B	Z	-1.026	2
9	MP3B	Mx	.001	2
10	MP3B	X	1.778	4
11	MP3B	Z	-1.026	4
12	MP3B	Mx	.001	4
13	MP3C	X	3.85	2
14	MP3C	Z	-2.223	2
15	MP3C	Mx	-.001	2
16	MP3C	X	3.85	4
17	MP3C	Z	-2.223	4
18	MP3C	Mx	-.001	4
19	MP1A	X	.55	4
20	MP1A	Z	-.317	4
21	MP1A	Mx	.000229	4
22	MP2B	X	.495	4
23	MP2B	Z	-.286	4
24	MP2B	Mx	-.000238	4
25	MP2C	X	.66	4
26	MP2C	Z	-.381	4
27	MP2C	Mx	.000159	4
28	MP1A	X	2.715	2
29	MP1A	Z	-1.567	2
30	MP1A	Mx	.001	2
31	MP1B	X	2.415	2
32	MP1B	Z	-1.394	2
33	MP1B	Mx	-.001	2
34	MP1C	X	3.314	2
35	MP1C	Z	-1.913	2
36	MP1C	Mx	.000956	2
37	MP2A	X	2.552	2
38	MP2A	Z	-1.473	2
39	MP2A	Mx	.001	2
40	MP2B	X	2.198	2
41	MP2B	Z	-1.269	2
42	MP2B	Mx	-.001	2
43	MP2C	X	3.259	2
44	MP2C	Z	-1.882	2
45	MP2C	Mx	.000941	2
46	MP1A	X	6.535	1
47	MP1A	Z	-3.773	1
48	MP1A	Mx	-.002	1
49	MP1A	X	6.535	5
50	MP1A	Z	-3.773	5
51	MP1A	Mx	-.002	5
52	MP1A	X	6.535	1
53	MP1A	Z	-3.773	1
54	MP1A	Mx	-.007	1
55	MP1A	X	6.535	5
56	MP1A	Z	-3.773	5
57	MP1A	Mx	-.007	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2C	X	8.046	1
59	MP2C	Z	-4.645	1
60	MP2C	Mx	-.008	1
61	MP2C	X	8.046	5
62	MP2C	Z	-4.645	5
63	MP2C	Mx	-.008	5
64	MP2B	X	5.78	1
65	MP2B	Z	-3.337	1
66	MP2B	Mx	.004	1
67	MP2B	X	5.78	5
68	MP2B	Z	-3.337	5
69	MP2B	Mx	.004	5
70	MP2C	X	8.046	1
71	MP2C	Z	-4.645	1
72	MP2C	Mx	.002	1
73	MP2C	X	8.046	5
74	MP2C	Z	-4.645	5
75	MP2C	Mx	.002	5
76	MP2B	X	5.78	1
77	MP2B	Z	-3.337	1
78	MP2B	Mx	.004	1
79	MP2B	X	5.78	5
80	MP2B	Z	-3.337	5
81	MP2B	Mx	.004	5
82	MP1B	X	5.216	2
83	MP1B	Z	-3.011	2
84	MP1B	Mx	.007	2
85	MP1B	X	5.216	4
86	MP1B	Z	-3.011	4
87	MP1B	Mx	.007	4
88	MP1C	X	3.195	2
89	MP1C	Z	-1.845	2
90	MP1C	Mx	-.002	2
91	MP1C	X	3.195	4
92	MP1C	Z	-1.845	4
93	MP1C	Mx	-.002	4
94	MP2A	X	4.542	2
95	MP2A	Z	-2.622	2
96	MP2A	Mx	-.005	2
97	MP2A	X	4.542	4
98	MP2A	Z	-2.622	4
99	MP2A	Mx	-.005	4
100	MP4A	X	4.542	2
101	MP4A	Z	-2.622	2
102	MP4A	Mx	-.005	2
103	MP4A	X	4.542	4
104	MP4A	Z	-2.622	4
105	MP4A	Mx	-.005	4
106	MP4B	X	5.216	2
107	MP4B	Z	-3.011	2
108	MP4B	Mx	.007	2
109	MP4B	X	5.216	4
110	MP4B	Z	-3.011	4
111	MP4B	Mx	.007	4
112	MP4C	X	3.195	2
113	MP4C	Z	-1.845	2
114	MP4C	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	3.195	4
116	MP4C	Z	-1.845	4
117	MP4C	Mx	-.002	4
118	M128	X	6.45	2
119	M128	Z	-3.724	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.053	2
2	MP3A	Z	0	2
3	MP3A	Mx	-.001	2
4	MP3A	X	2.053	4
5	MP3A	Z	0	4
6	MP3A	Mx	-.001	4
7	MP3B	X	2.85	2
8	MP3B	Z	0	2
9	MP3B	Mx	.001	2
10	MP3B	X	2.85	4
11	MP3B	Z	0	4
12	MP3B	Mx	.001	4
13	MP3C	X	5.243	2
14	MP3C	Z	0	2
15	MP3C	Mx	0	2
16	MP3C	X	5.243	4
17	MP3C	Z	0	4
18	MP3C	Mx	0	4
19	MP1A	X	.571	4
20	MP1A	Z	0	4
21	MP1A	Mx	.000238	4
22	MP2B	X	.635	4
23	MP2B	Z	0	4
24	MP2B	Mx	-.000229	4
25	MP2C	X	.825	4
26	MP2C	Z	0	4
27	MP2C	Mx	0	4
28	MP1A	X	2.789	2
29	MP1A	Z	0	2
30	MP1A	Mx	.001	2
31	MP1B	X	3.135	2
32	MP1B	Z	0	2
33	MP1B	Mx	-.001	2
34	MP1C	X	4.172	2
35	MP1C	Z	0	2
36	MP1C	Mx	0	2
37	MP2A	X	2.538	2
38	MP2A	Z	0	2
39	MP2A	Mx	.001	2
40	MP2B	X	2.946	2
41	MP2B	Z	0	2
42	MP2B	Mx	-.001	2
43	MP2C	X	4.172	2
44	MP2C	Z	0	2
45	MP2C	Mx	0	2
46	MP1A	X	6.674	1
47	MP1A	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP1A	Mx	-.004	1
49	MP1A	X	6.674	5
50	MP1A	Z	0	5
51	MP1A	Mx	-.004	5
52	MP1A	X	6.674	1
53	MP1A	Z	0	1
54	MP1A	Mx	-.004	1
55	MP1A	X	6.674	5
56	MP1A	Z	0	5
57	MP1A	Mx	-.004	5
58	MP2C	X	10.162	1
59	MP2C	Z	0	1
60	MP2C	Mx	-.007	1
61	MP2C	X	10.162	5
62	MP2C	Z	0	5
63	MP2C	Mx	-.007	5
64	MP2B	X	7.546	1
65	MP2B	Z	0	1
66	MP2B	Mx	.007	1
67	MP2B	X	7.546	5
68	MP2B	Z	0	5
69	MP2B	Mx	.007	5
70	MP2C	X	10.162	1
71	MP2C	Z	0	1
72	MP2C	Mx	.007	1
73	MP2C	X	10.162	5
74	MP2C	Z	0	5
75	MP2C	Mx	.007	5
76	MP2B	X	7.546	1
77	MP2B	Z	0	1
78	MP2B	Mx	.002	1
79	MP2B	X	7.546	5
80	MP2B	Z	0	5
81	MP2B	Mx	.002	5
82	MP1B	X	5.245	2
83	MP1B	Z	0	2
84	MP1B	Mx	.005	2
85	MP1B	X	5.245	4
86	MP1B	Z	0	4
87	MP1B	Mx	.005	4
88	MP1C	X	2.911	2
89	MP1C	Z	0	2
90	MP1C	Mx	0	2
91	MP1C	X	2.911	4
92	MP1C	Z	0	4
93	MP1C	Mx	0	4
94	MP2A	X	6.022	2
95	MP2A	Z	0	2
96	MP2A	Mx	-.007	2
97	MP2A	X	6.022	4
98	MP2A	Z	0	4
99	MP2A	Mx	-.007	4
100	MP4A	X	6.022	2
101	MP4A	Z	0	2
102	MP4A	Mx	-.007	2
103	MP4A	X	6.022	4
104	MP4A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	-.007	4
106	MP4B	X	5.245	2
107	MP4B	Z	0	2
108	MP4B	Mx	.005	2
109	MP4B	X	5.245	4
110	MP4B	Z	0	4
111	MP4B	Mx	.005	4
112	MP4C	X	2.911	2
113	MP4C	Z	0	2
114	MP4C	Mx	0	2
115	MP4C	X	2.911	4
116	MP4C	Z	0	4
117	MP4C	Mx	0	4
118	M128	X	6.91	2
119	M128	Z	0	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.468	2
2	MP3A	Z	1.425	2
3	MP3A	Mx	-.001	2
4	MP3A	X	2.468	4
5	MP3A	Z	1.425	4
6	MP3A	Mx	-.001	4
7	MP3B	X	3.85	2
8	MP3B	Z	2.223	2
9	MP3B	Mx	.001	2
10	MP3B	X	3.85	4
11	MP3B	Z	2.223	4
12	MP3B	Mx	.001	4
13	MP3C	X	3.85	2
14	MP3C	Z	2.223	2
15	MP3C	Mx	.001	2
16	MP3C	X	3.85	4
17	MP3C	Z	2.223	4
18	MP3C	Mx	.001	4
19	MP1A	X	.55	4
20	MP1A	Z	.317	4
21	MP1A	Mx	.000229	4
22	MP2B	X	.66	4
23	MP2B	Z	.381	4
24	MP2B	Mx	-.000159	4
25	MP2C	X	.66	4
26	MP2C	Z	.381	4
27	MP2C	Mx	-.000159	4
28	MP1A	X	2.715	2
29	MP1A	Z	1.567	2
30	MP1A	Mx	.001	2
31	MP1B	X	3.314	2
32	MP1B	Z	1.913	2
33	MP1B	Mx	-.000957	2
34	MP1C	X	3.314	2
35	MP1C	Z	1.913	2
36	MP1C	Mx	-.000956	2
37	MP2A	X	2.552	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	1.473	2
39	MP2A	Mx	.001	2
40	MP2B	X	3.259	2
41	MP2B	Z	1.882	2
42	MP2B	Mx	-.000941	2
43	MP2C	X	3.259	2
44	MP2C	Z	1.882	2
45	MP2C	Mx	-.000941	2
46	MP1A	X	6.535	1
47	MP1A	Z	3.773	1
48	MP1A	Mx	-.007	1
49	MP1A	X	6.535	5
50	MP1A	Z	3.773	5
51	MP1A	Mx	-.007	5
52	MP1A	X	6.535	1
53	MP1A	Z	3.773	1
54	MP1A	Mx	-.002	1
55	MP1A	X	6.535	5
56	MP1A	Z	3.773	5
57	MP1A	Mx	-.002	5
58	MP2C	X	8.046	1
59	MP2C	Z	4.645	1
60	MP2C	Mx	-.002	1
61	MP2C	X	8.046	5
62	MP2C	Z	4.645	5
63	MP2C	Mx	-.002	5
64	MP2B	X	8.046	1
65	MP2B	Z	4.645	1
66	MP2B	Mx	.008	1
67	MP2B	X	8.046	5
68	MP2B	Z	4.645	5
69	MP2B	Mx	.008	5
70	MP2C	X	8.046	1
71	MP2C	Z	4.645	1
72	MP2C	Mx	.008	1
73	MP2C	X	8.046	5
74	MP2C	Z	4.645	5
75	MP2C	Mx	.008	5
76	MP2B	X	8.046	1
77	MP2B	Z	4.645	1
78	MP2B	Mx	-.002	1
79	MP2B	X	8.046	5
80	MP2B	Z	4.645	5
81	MP2B	Mx	-.002	5
82	MP1B	X	3.195	2
83	MP1B	Z	1.845	2
84	MP1B	Mx	.002	2
85	MP1B	X	3.195	4
86	MP1B	Z	1.845	4
87	MP1B	Mx	.002	4
88	MP1C	X	3.195	2
89	MP1C	Z	1.845	2
90	MP1C	Mx	.002	2
91	MP1C	X	3.195	4
92	MP1C	Z	1.845	4
93	MP1C	Mx	.002	4
94	MP2A	X	4.542	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP2A	Z	2.622	2
96	MP2A	Mx	-.005	2
97	MP2A	X	4.542	4
98	MP2A	Z	2.622	4
99	MP2A	Mx	-.005	4
100	MP4A	X	4.542	2
101	MP4A	Z	2.622	2
102	MP4A	Mx	-.005	2
103	MP4A	X	4.542	4
104	MP4A	Z	2.622	4
105	MP4A	Mx	-.005	4
106	MP4B	X	3.195	2
107	MP4B	Z	1.845	2
108	MP4B	Mx	.002	2
109	MP4B	X	3.195	4
110	MP4B	Z	1.845	4
111	MP4B	Mx	.002	4
112	MP4C	X	3.195	2
113	MP4C	Z	1.845	2
114	MP4C	Mx	.002	2
115	MP4C	X	3.195	4
116	MP4C	Z	1.845	4
117	MP4C	Mx	.002	4
118	M128	X	6.45	2
119	M128	Z	3.724	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.223	2
2	MP3A	Z	3.85	2
3	MP3A	Mx	-.001	2
4	MP3A	X	2.223	4
5	MP3A	Z	3.85	4
6	MP3A	Mx	-.001	4
7	MP3B	X	2.621	2
8	MP3B	Z	4.54	2
9	MP3B	Mx	0	2
10	MP3B	X	2.621	4
11	MP3B	Z	4.54	4
12	MP3B	Mx	0	4
13	MP3C	X	1.425	2
14	MP3C	Z	2.468	2
15	MP3C	Mx	.001	2
16	MP3C	X	1.425	4
17	MP3C	Z	2.468	4
18	MP3C	Mx	.001	4
19	MP1A	X	.381	4
20	MP1A	Z	.66	4
21	MP1A	Mx	.000159	4
22	MP2B	X	.413	4
23	MP2B	Z	.715	4
24	MP2B	Mx	0	4
25	MP2C	X	.317	4
26	MP2C	Z	.55	4
27	MP2C	Mx	-.000229	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP1A	X	1.913	2
29	MP1A	Z	3.314	2
30	MP1A	Mx	.000956	2
31	MP1B	X	2.086	2
32	MP1B	Z	3.613	2
33	MP1B	Mx	0	2
34	MP1C	X	1.567	2
35	MP1C	Z	2.715	2
36	MP1C	Mx	-.001	2
37	MP2A	X	1.882	2
38	MP2A	Z	3.259	2
39	MP2A	Mx	.000941	2
40	MP2B	X	2.086	2
41	MP2B	Z	3.613	2
42	MP2B	Mx	0	2
43	MP2C	X	1.473	2
44	MP2C	Z	2.552	2
45	MP2C	Mx	-.001	2
46	MP1A	X	4.645	1
47	MP1A	Z	8.046	1
48	MP1A	Mx	-.008	1
49	MP1A	X	4.645	5
50	MP1A	Z	8.046	5
51	MP1A	Mx	-.008	5
52	MP1A	X	4.645	1
53	MP1A	Z	8.046	1
54	MP1A	Mx	.002	1
55	MP1A	X	4.645	5
56	MP1A	Z	8.046	5
57	MP1A	Mx	.002	5
58	MP2C	X	3.773	1
59	MP2C	Z	6.535	1
60	MP2C	Mx	.002	1
61	MP2C	X	3.773	5
62	MP2C	Z	6.535	5
63	MP2C	Mx	.002	5
64	MP2B	X	5.081	1
65	MP2B	Z	8.801	1
66	MP2B	Mx	.007	1
67	MP2B	X	5.081	5
68	MP2B	Z	8.801	5
69	MP2B	Mx	.007	5
70	MP2C	X	3.773	1
71	MP2C	Z	6.535	1
72	MP2C	Mx	.007	1
73	MP2C	X	3.773	5
74	MP2C	Z	6.535	5
75	MP2C	Mx	.007	5
76	MP2B	X	5.081	1
77	MP2B	Z	8.801	1
78	MP2B	Mx	-.007	1
79	MP2B	X	5.081	5
80	MP2B	Z	8.801	5
81	MP2B	Mx	-.007	5
82	MP1B	X	1.456	2
83	MP1B	Z	2.521	2
84	MP1B	Mx	1e-6	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1B	X	1.456	4
86	MP1B	Z	2.521	4
87	MP1B	Mx	1e-6	4
88	MP1C	X	2.622	2
89	MP1C	Z	4.542	2
90	MP1C	Mx	.005	2
91	MP1C	X	2.622	4
92	MP1C	Z	4.542	4
93	MP1C	Mx	.005	4
94	MP2A	X	1.845	2
95	MP2A	Z	3.195	2
96	MP2A	Mx	-.002	2
97	MP2A	X	1.845	4
98	MP2A	Z	3.195	4
99	MP2A	Mx	-.002	4
100	MP4A	X	1.845	2
101	MP4A	Z	3.195	2
102	MP4A	Mx	-.002	2
103	MP4A	X	1.845	4
104	MP4A	Z	3.195	4
105	MP4A	Mx	-.002	4
106	MP4B	X	1.456	2
107	MP4B	Z	2.521	2
108	MP4B	Mx	1e-6	2
109	MP4B	X	1.456	4
110	MP4B	Z	2.521	4
111	MP4B	Mx	1e-6	4
112	MP4C	X	2.622	2
113	MP4C	Z	4.542	2
114	MP4C	Mx	.005	2
115	MP4C	X	2.622	4
116	MP4C	Z	4.542	4
117	MP4C	Mx	.005	4
118	M128	X	4.26	2
119	M128	Z	7.379	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2
2	MP3A	Z	5.243	2
3	MP3A	Mx	0	2
4	MP3A	X	0	4
5	MP3A	Z	5.243	4
6	MP3A	Mx	0	4
7	MP3B	X	0	2
8	MP3B	Z	4.445	2
9	MP3B	Mx	-.001	2
10	MP3B	X	0	4
11	MP3B	Z	4.445	4
12	MP3B	Mx	-.001	4
13	MP3C	X	0	2
14	MP3C	Z	2.053	2
15	MP3C	Mx	.001	2
16	MP3C	X	0	4
17	MP3C	Z	2.053	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	.001	4
19	MP1A	X	0	4
20	MP1A	Z	.825	4
21	MP1A	Mx	0	4
22	MP2B	X	0	4
23	MP2B	Z	.762	4
24	MP2B	Mx	.000159	4
25	MP2C	X	0	4
26	MP2C	Z	.571	4
27	MP2C	Mx	-.000238	4
28	MP1A	X	0	2
29	MP1A	Z	4.172	2
30	MP1A	Mx	0	2
31	MP1B	X	0	2
32	MP1B	Z	3.826	2
33	MP1B	Mx	.000956	2
34	MP1C	X	0	2
35	MP1C	Z	2.789	2
36	MP1C	Mx	-.001	2
37	MP2A	X	0	2
38	MP2A	Z	4.172	2
39	MP2A	Mx	0	2
40	MP2B	X	0	2
41	MP2B	Z	3.763	2
42	MP2B	Mx	.000941	2
43	MP2C	X	0	2
44	MP2C	Z	2.538	2
45	MP2C	Mx	-.001	2
46	MP1A	X	0	1
47	MP1A	Z	10.162	1
48	MP1A	Mx	-.007	1
49	MP1A	X	0	5
50	MP1A	Z	10.162	5
51	MP1A	Mx	-.007	5
52	MP1A	X	0	1
53	MP1A	Z	10.162	1
54	MP1A	Mx	.007	1
55	MP1A	X	0	5
56	MP1A	Z	10.162	5
57	MP1A	Mx	.007	5
58	MP2C	X	0	1
59	MP2C	Z	6.674	1
60	MP2C	Mx	.004	1
61	MP2C	X	0	5
62	MP2C	Z	6.674	5
63	MP2C	Mx	.004	5
64	MP2B	X	0	1
65	MP2B	Z	9.29	1
66	MP2B	Mx	.002	1
67	MP2B	X	0	5
68	MP2B	Z	9.29	5
69	MP2B	Mx	.002	5
70	MP2C	X	0	1
71	MP2C	Z	6.674	1
72	MP2C	Mx	.004	1
73	MP2C	X	0	5
74	MP2C	Z	6.674	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	.004	5
76	MP2B	X	0	1
77	MP2B	Z	9.29	1
78	MP2B	Mx	-.008	1
79	MP2B	X	0	5
80	MP2B	Z	9.29	5
81	MP2B	Mx	-.008	5
82	MP1B	X	0	2
83	MP1B	Z	3.689	2
84	MP1B	Mx	-.002	2
85	MP1B	X	0	4
86	MP1B	Z	3.689	4
87	MP1B	Mx	-.002	4
88	MP1C	X	0	2
89	MP1C	Z	6.022	2
90	MP1C	Mx	.007	2
91	MP1C	X	0	4
92	MP1C	Z	6.022	4
93	MP1C	Mx	.007	4
94	MP2A	X	0	2
95	MP2A	Z	2.911	2
96	MP2A	Mx	0	2
97	MP2A	X	0	4
98	MP2A	Z	2.911	4
99	MP2A	Mx	0	4
100	MP4A	X	0	2
101	MP4A	Z	2.911	2
102	MP4A	Mx	0	2
103	MP4A	X	0	4
104	MP4A	Z	2.911	4
105	MP4A	Mx	0	4
106	MP4B	X	0	2
107	MP4B	Z	3.689	2
108	MP4B	Mx	-.002	2
109	MP4B	X	0	4
110	MP4B	Z	3.689	4
111	MP4B	Mx	-.002	4
112	MP4C	X	0	2
113	MP4C	Z	6.022	2
114	MP4C	Mx	.007	2
115	MP4C	X	0	4
116	MP4C	Z	6.022	4
117	MP4C	Mx	.007	4
118	M128	X	0	2
119	M128	Z	9.058	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.223	2
2	MP3A	Z	3.85	2
3	MP3A	Mx	.001	2
4	MP3A	X	-2.223	4
5	MP3A	Z	3.85	4
6	MP3A	Mx	.001	4
7	MP3B	X	-1.425	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	2.468	2
9	MP3B	Mx	-.001	2
10	MP3B	X	-1.425	4
11	MP3B	Z	2.468	4
12	MP3B	Mx	-.001	4
13	MP3C	X	-1.425	2
14	MP3C	Z	2.468	2
15	MP3C	Mx	.001	2
16	MP3C	X	-1.425	4
17	MP3C	Z	2.468	4
18	MP3C	Mx	.001	4
19	MP1A	X	-.381	4
20	MP1A	Z	.66	4
21	MP1A	Mx	-.000159	4
22	MP2B	X	-.317	4
23	MP2B	Z	.55	4
24	MP2B	Mx	.000229	4
25	MP2C	X	-.317	4
26	MP2C	Z	.55	4
27	MP2C	Mx	-.000229	4
28	MP1A	X	-1.913	2
29	MP1A	Z	3.314	2
30	MP1A	Mx	-.000956	2
31	MP1B	X	-1.567	2
32	MP1B	Z	2.715	2
33	MP1B	Mx	.001	2
34	MP1C	X	-1.567	2
35	MP1C	Z	2.715	2
36	MP1C	Mx	-.001	2
37	MP2A	X	-1.882	2
38	MP2A	Z	3.259	2
39	MP2A	Mx	-.000941	2
40	MP2B	X	-1.473	2
41	MP2B	Z	2.552	2
42	MP2B	Mx	.001	2
43	MP2C	X	-1.473	2
44	MP2C	Z	2.552	2
45	MP2C	Mx	-.001	2
46	MP1A	X	-4.645	1
47	MP1A	Z	8.046	1
48	MP1A	Mx	-.002	1
49	MP1A	X	-4.645	5
50	MP1A	Z	8.046	5
51	MP1A	Mx	-.002	5
52	MP1A	X	-4.645	1
53	MP1A	Z	8.046	1
54	MP1A	Mx	.008	1
55	MP1A	X	-4.645	5
56	MP1A	Z	8.046	5
57	MP1A	Mx	.008	5
58	MP2C	X	-3.773	1
59	MP2C	Z	6.535	1
60	MP2C	Mx	.007	1
61	MP2C	X	-3.773	5
62	MP2C	Z	6.535	5
63	MP2C	Mx	.007	5
64	MP2B	X	-3.773	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	6.535	1
66	MP2B	Mx	-.002	1
67	MP2B	X	-3.773	5
68	MP2B	Z	6.535	5
69	MP2B	Mx	-.002	5
70	MP2C	X	-3.773	1
71	MP2C	Z	6.535	1
72	MP2C	Mx	.002	1
73	MP2C	X	-3.773	5
74	MP2C	Z	6.535	5
75	MP2C	Mx	.002	5
76	MP2B	X	-3.773	1
77	MP2B	Z	6.535	1
78	MP2B	Mx	-.007	1
79	MP2B	X	-3.773	5
80	MP2B	Z	6.535	5
81	MP2B	Mx	-.007	5
82	MP1B	X	-2.622	2
83	MP1B	Z	4.542	2
84	MP1B	Mx	-.005	2
85	MP1B	X	-2.622	4
86	MP1B	Z	4.542	4
87	MP1B	Mx	-.005	4
88	MP1C	X	-2.622	2
89	MP1C	Z	4.542	2
90	MP1C	Mx	.005	2
91	MP1C	X	-2.622	4
92	MP1C	Z	4.542	4
93	MP1C	Mx	.005	4
94	MP2A	X	-1.845	2
95	MP2A	Z	3.195	2
96	MP2A	Mx	.002	2
97	MP2A	X	-1.845	4
98	MP2A	Z	3.195	4
99	MP2A	Mx	.002	4
100	MP4A	X	-1.845	2
101	MP4A	Z	3.195	2
102	MP4A	Mx	.002	2
103	MP4A	X	-1.845	4
104	MP4A	Z	3.195	4
105	MP4A	Mx	.002	4
106	MP4B	X	-2.622	2
107	MP4B	Z	4.542	2
108	MP4B	Mx	-.005	2
109	MP4B	X	-2.622	4
110	MP4B	Z	4.542	4
111	MP4B	Mx	-.005	4
112	MP4C	X	-2.622	2
113	MP4C	Z	4.542	2
114	MP4C	Mx	.005	2
115	MP4C	X	-2.622	4
116	MP4C	Z	4.542	4
117	MP4C	Mx	.005	4
118	M128	X	-4.26	2
119	M128	Z	7.379	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.468	2
2	MP3A	Z	1.425	2
3	MP3A	Mx	.001	2
4	MP3A	X	-2.468	4
5	MP3A	Z	1.425	4
6	MP3A	Mx	.001	4
7	MP3B	X	-1.778	2
8	MP3B	Z	1.026	2
9	MP3B	Mx	-.001	2
10	MP3B	X	-1.778	4
11	MP3B	Z	1.026	4
12	MP3B	Mx	-.001	4
13	MP3C	X	-3.85	2
14	MP3C	Z	2.223	2
15	MP3C	Mx	.001	2
16	MP3C	X	-3.85	4
17	MP3C	Z	2.223	4
18	MP3C	Mx	.001	4
19	MP1A	X	-.55	4
20	MP1A	Z	.317	4
21	MP1A	Mx	-.000229	4
22	MP2B	X	-.495	4
23	MP2B	Z	.286	4
24	MP2B	Mx	.000238	4
25	MP2C	X	-.66	4
26	MP2C	Z	.381	4
27	MP2C	Mx	-.000159	4
28	MP1A	X	-2.715	2
29	MP1A	Z	1.567	2
30	MP1A	Mx	-.001	2
31	MP1B	X	-2.415	2
32	MP1B	Z	1.394	2
33	MP1B	Mx	.001	2
34	MP1C	X	-3.314	2
35	MP1C	Z	1.913	2
36	MP1C	Mx	-.000956	2
37	MP2A	X	-2.552	2
38	MP2A	Z	1.473	2
39	MP2A	Mx	-.001	2
40	MP2B	X	-2.198	2
41	MP2B	Z	1.269	2
42	MP2B	Mx	.001	2
43	MP2C	X	-3.259	2
44	MP2C	Z	1.882	2
45	MP2C	Mx	-.000941	2
46	MP1A	X	-6.535	1
47	MP1A	Z	3.773	1
48	MP1A	Mx	.002	1
49	MP1A	X	-6.535	5
50	MP1A	Z	3.773	5
51	MP1A	Mx	.002	5
52	MP1A	X	-6.535	1
53	MP1A	Z	3.773	1
54	MP1A	Mx	.007	1
55	MP1A	X	-6.535	5
56	MP1A	Z	3.773	5
57	MP1A	Mx	.007	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2C	X	-8.046	1
59	MP2C	Z	4.645	1
60	MP2C	Mx	.008	1
61	MP2C	X	-8.046	5
62	MP2C	Z	4.645	5
63	MP2C	Mx	.008	5
64	MP2B	X	-5.78	1
65	MP2B	Z	3.337	1
66	MP2B	Mx	-.004	1
67	MP2B	X	-5.78	5
68	MP2B	Z	3.337	5
69	MP2B	Mx	-.004	5
70	MP2C	X	-8.046	1
71	MP2C	Z	4.645	1
72	MP2C	Mx	-.002	1
73	MP2C	X	-8.046	5
74	MP2C	Z	4.645	5
75	MP2C	Mx	-.002	5
76	MP2B	X	-5.78	1
77	MP2B	Z	3.337	1
78	MP2B	Mx	-.004	1
79	MP2B	X	-5.78	5
80	MP2B	Z	3.337	5
81	MP2B	Mx	-.004	5
82	MP1B	X	-5.216	2
83	MP1B	Z	3.011	2
84	MP1B	Mx	-.007	2
85	MP1B	X	-5.216	4
86	MP1B	Z	3.011	4
87	MP1B	Mx	-.007	4
88	MP1C	X	-3.195	2
89	MP1C	Z	1.845	2
90	MP1C	Mx	.002	2
91	MP1C	X	-3.195	4
92	MP1C	Z	1.845	4
93	MP1C	Mx	.002	4
94	MP2A	X	-4.542	2
95	MP2A	Z	2.622	2
96	MP2A	Mx	.005	2
97	MP2A	X	-4.542	4
98	MP2A	Z	2.622	4
99	MP2A	Mx	.005	4
100	MP4A	X	-4.542	2
101	MP4A	Z	2.622	2
102	MP4A	Mx	.005	2
103	MP4A	X	-4.542	4
104	MP4A	Z	2.622	4
105	MP4A	Mx	.005	4
106	MP4B	X	-5.216	2
107	MP4B	Z	3.011	2
108	MP4B	Mx	-.007	2
109	MP4B	X	-5.216	4
110	MP4B	Z	3.011	4
111	MP4B	Mx	-.007	4
112	MP4C	X	-3.195	2
113	MP4C	Z	1.845	2
114	MP4C	Mx	.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	-3.195	4
116	MP4C	Z	1.845	4
117	MP4C	Mx	.002	4
118	M128	X	-6.45	2
119	M128	Z	3.724	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.053	2
2	MP3A	Z	0	2
3	MP3A	Mx	.001	2
4	MP3A	X	-2.053	4
5	MP3A	Z	0	4
6	MP3A	Mx	.001	4
7	MP3B	X	-2.85	2
8	MP3B	Z	0	2
9	MP3B	Mx	-.001	2
10	MP3B	X	-2.85	4
11	MP3B	Z	0	4
12	MP3B	Mx	-.001	4
13	MP3C	X	-5.243	2
14	MP3C	Z	0	2
15	MP3C	Mx	0	2
16	MP3C	X	-5.243	4
17	MP3C	Z	0	4
18	MP3C	Mx	0	4
19	MP1A	X	-.571	4
20	MP1A	Z	0	4
21	MP1A	Mx	-.000238	4
22	MP2B	X	-.635	4
23	MP2B	Z	0	4
24	MP2B	Mx	.000229	4
25	MP2C	X	-.825	4
26	MP2C	Z	0	4
27	MP2C	Mx	0	4
28	MP1A	X	-2.789	2
29	MP1A	Z	0	2
30	MP1A	Mx	-.001	2
31	MP1B	X	-3.135	2
32	MP1B	Z	0	2
33	MP1B	Mx	.001	2
34	MP1C	X	-4.172	2
35	MP1C	Z	0	2
36	MP1C	Mx	0	2
37	MP2A	X	-2.538	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.001	2
40	MP2B	X	-2.946	2
41	MP2B	Z	0	2
42	MP2B	Mx	.001	2
43	MP2C	X	-4.172	2
44	MP2C	Z	0	2
45	MP2C	Mx	0	2
46	MP1A	X	-6.674	1
47	MP1A	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP1A	Mx	.004	1
49	MP1A	X	-6.674	5
50	MP1A	Z	0	5
51	MP1A	Mx	.004	5
52	MP1A	X	-6.674	1
53	MP1A	Z	0	1
54	MP1A	Mx	.004	1
55	MP1A	X	-6.674	5
56	MP1A	Z	0	5
57	MP1A	Mx	.004	5
58	MP2C	X	-10.162	1
59	MP2C	Z	0	1
60	MP2C	Mx	.007	1
61	MP2C	X	-10.162	5
62	MP2C	Z	0	5
63	MP2C	Mx	.007	5
64	MP2B	X	-7.546	1
65	MP2B	Z	0	1
66	MP2B	Mx	-.007	1
67	MP2B	X	-7.546	5
68	MP2B	Z	0	5
69	MP2B	Mx	-.007	5
70	MP2C	X	-10.162	1
71	MP2C	Z	0	1
72	MP2C	Mx	-.007	1
73	MP2C	X	-10.162	5
74	MP2C	Z	0	5
75	MP2C	Mx	-.007	5
76	MP2B	X	-7.546	1
77	MP2B	Z	0	1
78	MP2B	Mx	-.002	1
79	MP2B	X	-7.546	5
80	MP2B	Z	0	5
81	MP2B	Mx	-.002	5
82	MP1B	X	-5.245	2
83	MP1B	Z	0	2
84	MP1B	Mx	-.005	2
85	MP1B	X	-5.245	4
86	MP1B	Z	0	4
87	MP1B	Mx	-.005	4
88	MP1C	X	-2.911	2
89	MP1C	Z	0	2
90	MP1C	Mx	0	2
91	MP1C	X	-2.911	4
92	MP1C	Z	0	4
93	MP1C	Mx	0	4
94	MP2A	X	-6.022	2
95	MP2A	Z	0	2
96	MP2A	Mx	.007	2
97	MP2A	X	-6.022	4
98	MP2A	Z	0	4
99	MP2A	Mx	.007	4
100	MP4A	X	-6.022	2
101	MP4A	Z	0	2
102	MP4A	Mx	.007	2
103	MP4A	X	-6.022	4
104	MP4A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	.007	4
106	MP4B	X	-5.245	2
107	MP4B	Z	0	2
108	MP4B	Mx	-.005	2
109	MP4B	X	-5.245	4
110	MP4B	Z	0	4
111	MP4B	Mx	-.005	4
112	MP4C	X	-2.911	2
113	MP4C	Z	0	2
114	MP4C	Mx	0	2
115	MP4C	X	-2.911	4
116	MP4C	Z	0	4
117	MP4C	Mx	0	4
118	M128	X	-6.91	2
119	M128	Z	0	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.468	2
2	MP3A	Z	-1.425	2
3	MP3A	Mx	.001	2
4	MP3A	X	-2.468	4
5	MP3A	Z	-1.425	4
6	MP3A	Mx	.001	4
7	MP3B	X	-3.85	2
8	MP3B	Z	-2.223	2
9	MP3B	Mx	-.001	2
10	MP3B	X	-3.85	4
11	MP3B	Z	-2.223	4
12	MP3B	Mx	-.001	4
13	MP3C	X	-3.85	2
14	MP3C	Z	-2.223	2
15	MP3C	Mx	-.001	2
16	MP3C	X	-3.85	4
17	MP3C	Z	-2.223	4
18	MP3C	Mx	-.001	4
19	MP1A	X	-.55	4
20	MP1A	Z	-.317	4
21	MP1A	Mx	-.000229	4
22	MP2B	X	-.66	4
23	MP2B	Z	-.381	4
24	MP2B	Mx	.000159	4
25	MP2C	X	-.66	4
26	MP2C	Z	-.381	4
27	MP2C	Mx	.000159	4
28	MP1A	X	-2.715	2
29	MP1A	Z	-1.567	2
30	MP1A	Mx	-.001	2
31	MP1B	X	-3.314	2
32	MP1B	Z	-1.913	2
33	MP1B	Mx	.000957	2
34	MP1C	X	-3.314	2
35	MP1C	Z	-1.913	2
36	MP1C	Mx	.000956	2
37	MP2A	X	-2.552	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	-1.473	2
39	MP2A	Mx	-.001	2
40	MP2B	X	-3.259	2
41	MP2B	Z	-1.882	2
42	MP2B	Mx	.000941	2
43	MP2C	X	-3.259	2
44	MP2C	Z	-1.882	2
45	MP2C	Mx	.000941	2
46	MP1A	X	-6.535	1
47	MP1A	Z	-3.773	1
48	MP1A	Mx	.007	1
49	MP1A	X	-6.535	5
50	MP1A	Z	-3.773	5
51	MP1A	Mx	.007	5
52	MP1A	X	-6.535	1
53	MP1A	Z	-3.773	1
54	MP1A	Mx	.002	1
55	MP1A	X	-6.535	5
56	MP1A	Z	-3.773	5
57	MP1A	Mx	.002	5
58	MP2C	X	-8.046	1
59	MP2C	Z	-4.645	1
60	MP2C	Mx	.002	1
61	MP2C	X	-8.046	5
62	MP2C	Z	-4.645	5
63	MP2C	Mx	.002	5
64	MP2B	X	-8.046	1
65	MP2B	Z	-4.645	1
66	MP2B	Mx	-.008	1
67	MP2B	X	-8.046	5
68	MP2B	Z	-4.645	5
69	MP2B	Mx	-.008	5
70	MP2C	X	-8.046	1
71	MP2C	Z	-4.645	1
72	MP2C	Mx	-.008	1
73	MP2C	X	-8.046	5
74	MP2C	Z	-4.645	5
75	MP2C	Mx	-.008	5
76	MP2B	X	-8.046	1
77	MP2B	Z	-4.645	1
78	MP2B	Mx	.002	1
79	MP2B	X	-8.046	5
80	MP2B	Z	-4.645	5
81	MP2B	Mx	.002	5
82	MP1B	X	-3.195	2
83	MP1B	Z	-1.845	2
84	MP1B	Mx	-.002	2
85	MP1B	X	-3.195	4
86	MP1B	Z	-1.845	4
87	MP1B	Mx	-.002	4
88	MP1C	X	-3.195	2
89	MP1C	Z	-1.845	2
90	MP1C	Mx	-.002	2
91	MP1C	X	-3.195	4
92	MP1C	Z	-1.845	4
93	MP1C	Mx	-.002	4
94	MP2A	X	-4.542	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP2A	Z	-2.622	2
96	MP2A	Mx	.005	2
97	MP2A	X	-4.542	4
98	MP2A	Z	-2.622	4
99	MP2A	Mx	.005	4
100	MP4A	X	-4.542	2
101	MP4A	Z	-2.622	2
102	MP4A	Mx	.005	2
103	MP4A	X	-4.542	4
104	MP4A	Z	-2.622	4
105	MP4A	Mx	.005	4
106	MP4B	X	-3.195	2
107	MP4B	Z	-1.845	2
108	MP4B	Mx	-.002	2
109	MP4B	X	-3.195	4
110	MP4B	Z	-1.845	4
111	MP4B	Mx	-.002	4
112	MP4C	X	-3.195	2
113	MP4C	Z	-1.845	2
114	MP4C	Mx	-.002	2
115	MP4C	X	-3.195	4
116	MP4C	Z	-1.845	4
117	MP4C	Mx	-.002	4
118	M128	X	-6.45	2
119	M128	Z	-3.724	2
120	M128	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.223	2
2	MP3A	Z	-3.85	2
3	MP3A	Mx	.001	2
4	MP3A	X	-2.223	4
5	MP3A	Z	-3.85	4
6	MP3A	Mx	.001	4
7	MP3B	X	-2.621	2
8	MP3B	Z	-4.54	2
9	MP3B	Mx	0	2
10	MP3B	X	-2.621	4
11	MP3B	Z	-4.54	4
12	MP3B	Mx	0	4
13	MP3C	X	-1.425	2
14	MP3C	Z	-2.468	2
15	MP3C	Mx	-.001	2
16	MP3C	X	-1.425	4
17	MP3C	Z	-2.468	4
18	MP3C	Mx	-.001	4
19	MP1A	X	-.381	4
20	MP1A	Z	-.66	4
21	MP1A	Mx	-.000159	4
22	MP2B	X	-.413	4
23	MP2B	Z	-.715	4
24	MP2B	Mx	0	4
25	MP2C	X	-.317	4
26	MP2C	Z	-.55	4
27	MP2C	Mx	.000229	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP1A	X	-1.913	2
29	MP1A	Z	-3.314	2
30	MP1A	Mx	-.000956	2
31	MP1B	X	-2.086	2
32	MP1B	Z	-3.613	2
33	MP1B	Mx	0	2
34	MP1C	X	-1.567	2
35	MP1C	Z	-2.715	2
36	MP1C	Mx	.001	2
37	MP2A	X	-1.882	2
38	MP2A	Z	-3.259	2
39	MP2A	Mx	-.000941	2
40	MP2B	X	-2.086	2
41	MP2B	Z	-3.613	2
42	MP2B	Mx	0	2
43	MP2C	X	-1.473	2
44	MP2C	Z	-2.552	2
45	MP2C	Mx	.001	2
46	MP1A	X	-4.645	1
47	MP1A	Z	-8.046	1
48	MP1A	Mx	.008	1
49	MP1A	X	-4.645	5
50	MP1A	Z	-8.046	5
51	MP1A	Mx	.008	5
52	MP1A	X	-4.645	1
53	MP1A	Z	-8.046	1
54	MP1A	Mx	-.002	1
55	MP1A	X	-4.645	5
56	MP1A	Z	-8.046	5
57	MP1A	Mx	-.002	5
58	MP2C	X	-3.773	1
59	MP2C	Z	-6.535	1
60	MP2C	Mx	-.002	1
61	MP2C	X	-3.773	5
62	MP2C	Z	-6.535	5
63	MP2C	Mx	-.002	5
64	MP2B	X	-5.081	1
65	MP2B	Z	-8.801	1
66	MP2B	Mx	-.007	1
67	MP2B	X	-5.081	5
68	MP2B	Z	-8.801	5
69	MP2B	Mx	-.007	5
70	MP2C	X	-3.773	1
71	MP2C	Z	-6.535	1
72	MP2C	Mx	-.007	1
73	MP2C	X	-3.773	5
74	MP2C	Z	-6.535	5
75	MP2C	Mx	-.007	5
76	MP2B	X	-5.081	1
77	MP2B	Z	-8.801	1
78	MP2B	Mx	.007	1
79	MP2B	X	-5.081	5
80	MP2B	Z	-8.801	5
81	MP2B	Mx	.007	5
82	MP1B	X	-1.456	2
83	MP1B	Z	-2.521	2
84	MP1B	Mx	-1e-6	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1B	X	-1.456	4
86	MP1B	Z	-2.521	4
87	MP1B	Mx	-1e-6	4
88	MP1C	X	-2.622	2
89	MP1C	Z	-4.542	2
90	MP1C	Mx	-.005	2
91	MP1C	X	-2.622	4
92	MP1C	Z	-4.542	4
93	MP1C	Mx	-.005	4
94	MP2A	X	-1.845	2
95	MP2A	Z	-3.195	2
96	MP2A	Mx	.002	2
97	MP2A	X	-1.845	4
98	MP2A	Z	-3.195	4
99	MP2A	Mx	.002	4
100	MP4A	X	-1.845	2
101	MP4A	Z	-3.195	2
102	MP4A	Mx	.002	2
103	MP4A	X	-1.845	4
104	MP4A	Z	-3.195	4
105	MP4A	Mx	.002	4
106	MP4B	X	-1.456	2
107	MP4B	Z	-2.521	2
108	MP4B	Mx	-1e-6	2
109	MP4B	X	-1.456	4
110	MP4B	Z	-2.521	4
111	MP4B	Mx	-1e-6	4
112	MP4C	X	-2.622	2
113	MP4C	Z	-4.542	2
114	MP4C	Mx	-.005	2
115	MP4C	X	-2.622	4
116	MP4C	Z	-4.542	4
117	MP4C	Mx	-.005	4
118	M128	X	-4.26	2
119	M128	Z	-7.379	2
120	M128	Mx	0	2

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%34

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%64

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.716	-6.716	0	%100
2	M4	Y	-9.814	-9.814	0	%100
3	M10	Y	-9.814	-9.814	0	%100
4	M43	Y	-9.814	-9.814	0	%100
5	M46	Y	-3.578	-3.578	0	%100
6	M51B	Y	-5.751	-5.751	0	%100
7	M52B	Y	-5.751	-5.751	0	%100
8	M76	Y	-10.324	-10.324	0	%100
9	M77	Y	-10.324	-10.324	0	%100
10	M80	Y	-3.578	-3.578	0	%100
11	M84	Y	-10.324	-10.324	0	%100
12	M85	Y	-10.324	-10.324	0	%100
13	M91	Y	-3.578	-3.578	0	%100
14	M52A	Y	-9.814	-9.814	0	%100
15	M53	Y	-9.814	-9.814	0	%100
16	M54	Y	-9.814	-9.814	0	%100
17	M55	Y	-3.578	-3.578	0	%100
18	M58A	Y	-5.751	-5.751	0	%100
19	M59A	Y	-5.751	-5.751	0	%100
20	M63	Y	-10.324	-10.324	0	%100
21	M64	Y	-10.324	-10.324	0	%100
22	M66	Y	-3.578	-3.578	0	%100
23	M68	Y	-10.324	-10.324	0	%100
24	M69	Y	-10.324	-10.324	0	%100
25	M71	Y	-3.578	-3.578	0	%100
26	M76A	Y	-9.814	-9.814	0	%100
27	M77A	Y	-9.814	-9.814	0	%100
28	M78	Y	-9.814	-9.814	0	%100
29	M79A	Y	-3.578	-3.578	0	%100
30	M82	Y	-5.751	-5.751	0	%100
31	M83A	Y	-5.751	-5.751	0	%100
32	M87	Y	-10.324	-10.324	0	%100
33	M88A	Y	-10.324	-10.324	0	%100
34	M90	Y	-3.578	-3.578	0	%100
35	M92A	Y	-10.324	-10.324	0	%100
36	M93	Y	-10.324	-10.324	0	%100
37	M95	Y	-3.578	-3.578	0	%100
38	M82A	Y	-6.716	-6.716	0	%100
39	M91B	Y	-6.716	-6.716	0	%100
40	M102	Y	-5.1	-5.1	0	%100
41	M112	Y	-5.1	-5.1	0	%100
42	M113	Y	-5.1	-5.1	0	%100
43	M87A	Y	-9.814	-9.814	0	%100
44	M88B	Y	-9.814	-9.814	0	%100
45	M89A	Y	-9.814	-9.814	0	%100
46	M89B	Y	-5.1	-5.1	0	%100
47	M90A	Y	-5.1	-5.1	0	%100
48	M91C	Y	-5.1	-5.1	0	%100
49	MP4A	Y	-5.1	-5.1	0	%100
50	MP3A	Y	-5.1	-5.1	0	%100
51	MP2A	Y	-5.1	-5.1	0	%100
52	MP1A	Y	-5.1	-5.1	0	%100
53	MP4C	Y	-5.1	-5.1	0	%100
54	MP3C	Y	-5.1	-5.1	0	%100
55	MP2C	Y	-5.1	-5.1	0	%100
56	MP1C	Y	-5.1	-5.1	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,%]
57	MP4B	Y	-5.1	-5.1	0	%100
58	MP3B	Y	-5.1	-5.1	0	%100
59	MP2B	Y	-5.1	-5.1	0	%100
60	MP1B	Y	-5.1	-5.1	0	%100
61	M128	Y	-5.1	-5.1	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-13.556	-13.556	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-11.651	-11.651	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-11.651	-11.651	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-3.623	-3.623	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-3.226	-3.226	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-3.226	-3.226	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-5.917	-5.917	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-.743	-.743	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-5.917	-5.917	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-.743	-.743	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	-10.327	-10.327	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	-2.913	-2.913	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	-2.913	-2.913	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	-.906	-.906	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	-3.226	-3.226	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	-12.904	-12.904	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	-17.43	-17.43	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	-5.917	-5.917	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	-.743	-.743	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	-17.43	-17.43	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	-23.67	-23.67	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,%]
49	M71	X	0	0	0	%100
50	M71	Z	-2.971	-2.971	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	-10.327	-10.327	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	-2.913	-2.913	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-2.913	-2.913	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	-.906	-.906	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	-12.904	-12.904	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	-3.226	-3.226	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	-17.43	-17.43	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	-23.67	-23.67	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	-2.971	-2.971	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	-17.43	-17.43	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	-5.917	-5.917	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	-.743	-.743	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	-3.389	-3.389	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	-3.389	-3.389	0	%100
79	M102	X	0	0	0	%100
80	M102	Z	-9.199	-9.199	0	%100
81	M112	X	0	0	0	%100
82	M112	Z	-2.3	-2.3	0	%100
83	M113	X	0	0	0	%100
84	M113	Z	-2.3	-2.3	0	%100
85	M87A	X	0	0	0	%100
86	M87A	Z	-3.899	-3.899	0	%100
87	M88B	X	0	0	0	%100
88	M88B	Z	-3.899	-3.899	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	-15.596	-15.596	0	%100
91	M89B	X	0	0	0	%100
92	M89B	Z	-3.507	-3.507	0	%100
93	M90A	X	0	0	0	%100
94	M90A	Z	-7.265	-7.265	0	%100
95	M91C	X	0	0	0	%100
96	M91C	Z	-7.265	-7.265	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	-9.199	-9.199	0	%100
99	MP3A	X	0	0	0	%100
100	MP3A	Z	-9.199	-9.199	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	-9.199	-9.199	0	%100
103	MP1A	X	0	0	0	%100
104	MP1A	Z	-9.199	-9.199	0	%100
105	MP4C	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,%]
106	MP4C	Z	-9.199	-9.199	0	%100
107	MP3C	X	0	0	0	%100
108	MP3C	Z	-9.199	-9.199	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-9.199	-9.199	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-9.199	-9.199	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	-9.199	-9.199	0	%100
115	MP3B	X	0	0	0	%100
116	MP3B	Z	-9.199	-9.199	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-9.199	-9.199	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-9.199	-9.199	0	%100
121	M128	X	0	0	0	%100
122	M128	Z	-9.199	-9.199	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	5.084	5.084	0	%100
2	M1	Z	-8.805	-8.805	0	%100
3	M4	X	1.721	1.721	0	%100
4	M4	Z	-2.981	-2.981	0	%100
5	M10	X	4.369	4.369	0	%100
6	M10	Z	-7.568	-7.568	0	%100
7	M43	X	4.369	4.369	0	%100
8	M43	Z	-7.568	-7.568	0	%100
9	M46	X	1.359	1.359	0	%100
10	M46	Z	-2.353	-2.353	0	%100
11	M51B	X	4.839	4.839	0	%100
12	M51B	Z	-8.382	-8.382	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	2.905	2.905	0	%100
16	M76	Z	-5.031	-5.031	0	%100
17	M77	X	8.876	8.876	0	%100
18	M77	Z	-15.374	-15.374	0	%100
19	M80	X	1.114	1.114	0	%100
20	M80	Z	-1.93	-1.93	0	%100
21	M84	X	2.905	2.905	0	%100
22	M84	Z	-5.031	-5.031	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	1.721	1.721	0	%100
28	M52A	Z	-2.981	-2.981	0	%100
29	M53	X	4.369	4.369	0	%100
30	M53	Z	-7.568	-7.568	0	%100
31	M54	X	4.369	4.369	0	%100
32	M54	Z	-7.568	-7.568	0	%100
33	M55	X	1.359	1.359	0	%100
34	M55	Z	-2.353	-2.353	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	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,%]
37	M59A	X	4.839	4.839	0	%100
38	M59A	Z	-8.382	-8.382	0	%100
39	M63	X	2.905	2.905	0	%100
40	M63	Z	-5.031	-5.031	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	2.905	2.905	0	%100
46	M68	Z	-5.031	-5.031	0	%100
47	M69	X	8.876	8.876	0	%100
48	M69	Z	-15.374	-15.374	0	%100
49	M71	X	1.114	1.114	0	%100
50	M71	Z	-1.93	-1.93	0	%100
51	M76A	X	6.885	6.885	0	%100
52	M76A	Z	-11.925	-11.925	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	4.839	4.839	0	%100
60	M82	Z	-8.382	-8.382	0	%100
61	M83A	X	4.839	4.839	0	%100
62	M83A	Z	-8.382	-8.382	0	%100
63	M87	X	11.62	11.62	0	%100
64	M87	Z	-20.126	-20.126	0	%100
65	M88A	X	8.876	8.876	0	%100
66	M88A	Z	-15.374	-15.374	0	%100
67	M90	X	1.114	1.114	0	%100
68	M90	Z	-1.93	-1.93	0	%100
69	M92A	X	11.62	11.62	0	%100
70	M92A	Z	-20.126	-20.126	0	%100
71	M93	X	8.876	8.876	0	%100
72	M93	Z	-15.374	-15.374	0	%100
73	M95	X	1.114	1.114	0	%100
74	M95	Z	-1.93	-1.93	0	%100
75	M82A	X	5.084	5.084	0	%100
76	M82A	Z	-8.805	-8.805	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	M102	X	3.45	3.45	0	%100
80	M102	Z	-5.975	-5.975	0	%100
81	M112	X	3.45	3.45	0	%100
82	M112	Z	-5.975	-5.975	0	%100
83	M113	X	0	0	0	%100
84	M113	Z	0	0	0	%100
85	M87A	X	5.849	5.849	0	%100
86	M87A	Z	-10.13	-10.13	0	%100
87	M88B	X	0	0	0	%100
88	M88B	Z	0	0	0	%100
89	M89A	X	5.849	5.849	0	%100
90	M89A	Z	-10.13	-10.13	0	%100
91	M89B	X	2.38	2.38	0	%100
92	M89B	Z	-4.122	-4.122	0	%100
93	M90A	X	2.38	2.38	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,%]
94	M90A	Z	-4.122	-4.122	0	%100
95	M91C	X	4.259	4.259	0	%100
96	M91C	Z	-7.376	-7.376	0	%100
97	MP4A	X	4.599	4.599	0	%100
98	MP4A	Z	-7.967	-7.967	0	%100
99	MP3A	X	4.599	4.599	0	%100
100	MP3A	Z	-7.967	-7.967	0	%100
101	MP2A	X	4.599	4.599	0	%100
102	MP2A	Z	-7.967	-7.967	0	%100
103	MP1A	X	4.599	4.599	0	%100
104	MP1A	Z	-7.967	-7.967	0	%100
105	MP4C	X	4.599	4.599	0	%100
106	MP4C	Z	-7.967	-7.967	0	%100
107	MP3C	X	4.599	4.599	0	%100
108	MP3C	Z	-7.967	-7.967	0	%100
109	MP2C	X	4.599	4.599	0	%100
110	MP2C	Z	-7.967	-7.967	0	%100
111	MP1C	X	4.599	4.599	0	%100
112	MP1C	Z	-7.967	-7.967	0	%100
113	MP4B	X	4.599	4.599	0	%100
114	MP4B	Z	-7.967	-7.967	0	%100
115	MP3B	X	4.599	4.599	0	%100
116	MP3B	Z	-7.967	-7.967	0	%100
117	MP2B	X	4.599	4.599	0	%100
118	MP2B	Z	-7.967	-7.967	0	%100
119	MP1B	X	4.599	4.599	0	%100
120	MP1B	Z	-7.967	-7.967	0	%100
121	M128	X	4.599	4.599	0	%100
122	M128	Z	-7.967	-7.967	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.935	2.935	0	%100
2	M1	Z	-1.695	-1.695	0	%100
3	M4	X	8.943	8.943	0	%100
4	M4	Z	-5.163	-5.163	0	%100
5	M10	X	2.523	2.523	0	%100
6	M10	Z	-1.456	-1.456	0	%100
7	M43	X	2.523	2.523	0	%100
8	M43	Z	-1.456	-1.456	0	%100
9	M46	X	.784	.784	0	%100
10	M46	Z	-.453	-.453	0	%100
11	M51B	X	11.176	11.176	0	%100
12	M51B	Z	-6.452	-6.452	0	%100
13	M52B	X	2.794	2.794	0	%100
14	M52B	Z	-1.613	-1.613	0	%100
15	M76	X	15.094	15.094	0	%100
16	M76	Z	-8.715	-8.715	0	%100
17	M77	X	20.499	20.499	0	%100
18	M77	Z	-11.835	-11.835	0	%100
19	M80	X	2.573	2.573	0	%100
20	M80	Z	-1.486	-1.486	0	%100
21	M84	X	15.094	15.094	0	%100
22	M84	Z	-8.715	-8.715	0	%100
23	M85	X	5.125	5.125	0	%100
24	M85	Z	-2.959	-2.959	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,%]
25	M91	X	.643	.643	0	%100
26	M91	Z	-.371	-.371	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	10.09	10.09	0	%100
30	M53	Z	-5.826	-5.826	0	%100
31	M54	X	10.09	10.09	0	%100
32	M54	Z	-5.826	-5.826	0	%100
33	M55	X	3.138	3.138	0	%100
34	M55	Z	-1.811	-1.811	0	%100
35	M58A	X	2.794	2.794	0	%100
36	M58A	Z	-1.613	-1.613	0	%100
37	M59A	X	2.794	2.794	0	%100
38	M59A	Z	-1.613	-1.613	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	5.125	5.125	0	%100
42	M64	Z	-2.959	-2.959	0	%100
43	M66	X	.643	.643	0	%100
44	M66	Z	-.371	-.371	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	5.125	5.125	0	%100
48	M69	Z	-2.959	-2.959	0	%100
49	M71	X	.643	.643	0	%100
50	M71	Z	-.371	-.371	0	%100
51	M76A	X	8.943	8.943	0	%100
52	M76A	Z	-5.163	-5.163	0	%100
53	M77A	X	2.523	2.523	0	%100
54	M77A	Z	-1.456	-1.456	0	%100
55	M78	X	2.523	2.523	0	%100
56	M78	Z	-1.456	-1.456	0	%100
57	M79A	X	.784	.784	0	%100
58	M79A	Z	-.453	-.453	0	%100
59	M82	X	2.794	2.794	0	%100
60	M82	Z	-1.613	-1.613	0	%100
61	M83A	X	11.176	11.176	0	%100
62	M83A	Z	-6.452	-6.452	0	%100
63	M87	X	15.094	15.094	0	%100
64	M87	Z	-8.715	-8.715	0	%100
65	M88A	X	5.125	5.125	0	%100
66	M88A	Z	-2.959	-2.959	0	%100
67	M90	X	.643	.643	0	%100
68	M90	Z	-.371	-.371	0	%100
69	M92A	X	15.094	15.094	0	%100
70	M92A	Z	-8.715	-8.715	0	%100
71	M93	X	20.499	20.499	0	%100
72	M93	Z	-11.835	-11.835	0	%100
73	M95	X	2.573	2.573	0	%100
74	M95	Z	-1.486	-1.486	0	%100
75	M82A	X	11.74	11.74	0	%100
76	M82A	Z	-6.778	-6.778	0	%100
77	M91B	X	2.935	2.935	0	%100
78	M91B	Z	-1.695	-1.695	0	%100
79	M102	X	1.992	1.992	0	%100
80	M102	Z	-1.15	-1.15	0	%100
81	M112	X	7.967	7.967	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,%]
82	M112	Z	-4.599	-4.599	0	%100
83	M113	X	1.992	1.992	0	%100
84	M113	Z	-1.15	-1.15	0	%100
85	M87A	X	13.507	13.507	0	%100
86	M87A	Z	-7.798	-7.798	0	%100
87	M88B	X	3.377	3.377	0	%100
88	M88B	Z	-1.95	-1.95	0	%100
89	M89A	X	3.377	3.377	0	%100
90	M89A	Z	-1.95	-1.95	0	%100
91	M89B	X	6.291	6.291	0	%100
92	M89B	Z	-3.632	-3.632	0	%100
93	M90A	X	3.037	3.037	0	%100
94	M90A	Z	-1.753	-1.753	0	%100
95	M91C	X	6.291	6.291	0	%100
96	M91C	Z	-3.632	-3.632	0	%100
97	MP4A	X	7.967	7.967	0	%100
98	MP4A	Z	-4.599	-4.599	0	%100
99	MP3A	X	7.967	7.967	0	%100
100	MP3A	Z	-4.599	-4.599	0	%100
101	MP2A	X	7.967	7.967	0	%100
102	MP2A	Z	-4.599	-4.599	0	%100
103	MP1A	X	7.967	7.967	0	%100
104	MP1A	Z	-4.599	-4.599	0	%100
105	MP4C	X	7.967	7.967	0	%100
106	MP4C	Z	-4.599	-4.599	0	%100
107	MP3C	X	7.967	7.967	0	%100
108	MP3C	Z	-4.599	-4.599	0	%100
109	MP2C	X	7.967	7.967	0	%100
110	MP2C	Z	-4.599	-4.599	0	%100
111	MP1C	X	7.967	7.967	0	%100
112	MP1C	Z	-4.599	-4.599	0	%100
113	MP4B	X	7.967	7.967	0	%100
114	MP4B	Z	-4.599	-4.599	0	%100
115	MP3B	X	7.967	7.967	0	%100
116	MP3B	Z	-4.599	-4.599	0	%100
117	MP2B	X	7.967	7.967	0	%100
118	MP2B	Z	-4.599	-4.599	0	%100
119	MP1B	X	7.967	7.967	0	%100
120	MP1B	Z	-4.599	-4.599	0	%100
121	M128	X	7.967	7.967	0	%100
122	M128	Z	-4.599	-4.599	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	13.769	13.769	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	9.678	9.678	0	%100
12	M51B	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,%]
13	M52B	X	9.678	9.678	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	23.239	23.239	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	17.752	17.752	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	2.228	2.228	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	23.239	23.239	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	17.752	17.752	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	2.228	2.228	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	3.442	3.442	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	8.738	8.738	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	8.738	8.738	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	2.717	2.717	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	9.678	9.678	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	5.81	5.81	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	17.752	17.752	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	2.228	2.228	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	5.81	5.81	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	3.442	3.442	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	8.738	8.738	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	8.738	8.738	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	2.717	2.717	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	9.678	9.678	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	5.81	5.81	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	5.81	5.81	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,%]
70	M92A	Z	0	0	0	%100
71	M93	X	17.752	17.752	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	2.228	2.228	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	10.167	10.167	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	10.167	10.167	0	%100
78	M91B	Z	0	0	0	%100
79	M102	X	0	0	0	%100
80	M102	Z	0	0	0	%100
81	M112	X	6.899	6.899	0	%100
82	M112	Z	0	0	0	%100
83	M113	X	6.899	6.899	0	%100
84	M113	Z	0	0	0	%100
85	M87A	X	11.697	11.697	0	%100
86	M87A	Z	0	0	0	%100
87	M88B	X	11.697	11.697	0	%100
88	M88B	Z	0	0	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	0	0	0	%100
91	M89B	X	8.517	8.517	0	%100
92	M89B	Z	0	0	0	%100
93	M90A	X	4.759	4.759	0	%100
94	M90A	Z	0	0	0	%100
95	M91C	X	4.759	4.759	0	%100
96	M91C	Z	0	0	0	%100
97	MP4A	X	9.199	9.199	0	%100
98	MP4A	Z	0	0	0	%100
99	MP3A	X	9.199	9.199	0	%100
100	MP3A	Z	0	0	0	%100
101	MP2A	X	9.199	9.199	0	%100
102	MP2A	Z	0	0	0	%100
103	MP1A	X	9.199	9.199	0	%100
104	MP1A	Z	0	0	0	%100
105	MP4C	X	9.199	9.199	0	%100
106	MP4C	Z	0	0	0	%100
107	MP3C	X	9.199	9.199	0	%100
108	MP3C	Z	0	0	0	%100
109	MP2C	X	9.199	9.199	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	9.199	9.199	0	%100
112	MP1C	Z	0	0	0	%100
113	MP4B	X	9.199	9.199	0	%100
114	MP4B	Z	0	0	0	%100
115	MP3B	X	9.199	9.199	0	%100
116	MP3B	Z	0	0	0	%100
117	MP2B	X	9.199	9.199	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	9.199	9.199	0	%100
120	MP1B	Z	0	0	0	%100
121	M128	X	9.199	9.199	0	%100
122	M128	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,%]

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,%]
1	M1	X	2.935	2.935	0	%100
2	M1	Z	1.695	1.695	0	%100
3	M4	X	8.943	8.943	0	%100
4	M4	Z	5.163	5.163	0	%100
5	M10	X	2.523	2.523	0	%100
6	M10	Z	1.456	1.456	0	%100
7	M43	X	2.523	2.523	0	%100
8	M43	Z	1.456	1.456	0	%100
9	M46	X	.784	.784	0	%100
10	M46	Z	.453	.453	0	%100
11	M51B	X	2.794	2.794	0	%100
12	M51B	Z	1.613	1.613	0	%100
13	M52B	X	11.176	11.176	0	%100
14	M52B	Z	6.452	6.452	0	%100
15	M76	X	15.094	15.094	0	%100
16	M76	Z	8.715	8.715	0	%100
17	M77	X	5.125	5.125	0	%100
18	M77	Z	2.959	2.959	0	%100
19	M80	X	.643	.643	0	%100
20	M80	Z	.371	.371	0	%100
21	M84	X	15.094	15.094	0	%100
22	M84	Z	8.715	8.715	0	%100
23	M85	X	20.499	20.499	0	%100
24	M85	Z	11.835	11.835	0	%100
25	M91	X	2.573	2.573	0	%100
26	M91	Z	1.486	1.486	0	%100
27	M52A	X	8.943	8.943	0	%100
28	M52A	Z	5.163	5.163	0	%100
29	M53	X	2.523	2.523	0	%100
30	M53	Z	1.456	1.456	0	%100
31	M54	X	2.523	2.523	0	%100
32	M54	Z	1.456	1.456	0	%100
33	M55	X	.784	.784	0	%100
34	M55	Z	.453	.453	0	%100
35	M58A	X	11.176	11.176	0	%100
36	M58A	Z	6.452	6.452	0	%100
37	M59A	X	2.794	2.794	0	%100
38	M59A	Z	1.613	1.613	0	%100
39	M63	X	15.094	15.094	0	%100
40	M63	Z	8.715	8.715	0	%100
41	M64	X	20.499	20.499	0	%100
42	M64	Z	11.835	11.835	0	%100
43	M66	X	2.573	2.573	0	%100
44	M66	Z	1.486	1.486	0	%100
45	M68	X	15.094	15.094	0	%100
46	M68	Z	8.715	8.715	0	%100
47	M69	X	5.125	5.125	0	%100
48	M69	Z	2.959	2.959	0	%100
49	M71	X	.643	.643	0	%100
50	M71	Z	.371	.371	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	10.09	10.09	0	%100
54	M77A	Z	5.826	5.826	0	%100
55	M78	X	10.09	10.09	0	%100
56	M78	Z	5.826	5.826	0	%100
57	M79A	X	3.138	3.138	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,%]
58	M79A	Z	1.811	1.811	0	%100
59	M82	X	2.794	2.794	0	%100
60	M82	Z	1.613	1.613	0	%100
61	M83A	X	2.794	2.794	0	%100
62	M83A	Z	1.613	1.613	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	5.125	5.125	0	%100
66	M88A	Z	2.959	2.959	0	%100
67	M90	X	.643	.643	0	%100
68	M90	Z	.371	.371	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	5.125	5.125	0	%100
72	M93	Z	2.959	2.959	0	%100
73	M95	X	.643	.643	0	%100
74	M95	Z	.371	.371	0	%100
75	M82A	X	2.935	2.935	0	%100
76	M82A	Z	1.695	1.695	0	%100
77	M91B	X	11.74	11.74	0	%100
78	M91B	Z	6.778	6.778	0	%100
79	M102	X	1.992	1.992	0	%100
80	M102	Z	1.15	1.15	0	%100
81	M112	X	1.992	1.992	0	%100
82	M112	Z	1.15	1.15	0	%100
83	M113	X	7.967	7.967	0	%100
84	M113	Z	4.599	4.599	0	%100
85	M87A	X	3.377	3.377	0	%100
86	M87A	Z	1.95	1.95	0	%100
87	M88B	X	13.507	13.507	0	%100
88	M88B	Z	7.798	7.798	0	%100
89	M89A	X	3.377	3.377	0	%100
90	M89A	Z	1.95	1.95	0	%100
91	M89B	X	6.291	6.291	0	%100
92	M89B	Z	3.632	3.632	0	%100
93	M90A	X	6.291	6.291	0	%100
94	M90A	Z	3.632	3.632	0	%100
95	M91C	X	3.037	3.037	0	%100
96	M91C	Z	1.753	1.753	0	%100
97	MP4A	X	7.967	7.967	0	%100
98	MP4A	Z	4.599	4.599	0	%100
99	MP3A	X	7.967	7.967	0	%100
100	MP3A	Z	4.599	4.599	0	%100
101	MP2A	X	7.967	7.967	0	%100
102	MP2A	Z	4.599	4.599	0	%100
103	MP1A	X	7.967	7.967	0	%100
104	MP1A	Z	4.599	4.599	0	%100
105	MP4C	X	7.967	7.967	0	%100
106	MP4C	Z	4.599	4.599	0	%100
107	MP3C	X	7.967	7.967	0	%100
108	MP3C	Z	4.599	4.599	0	%100
109	MP2C	X	7.967	7.967	0	%100
110	MP2C	Z	4.599	4.599	0	%100
111	MP1C	X	7.967	7.967	0	%100
112	MP1C	Z	4.599	4.599	0	%100
113	MP4B	X	7.967	7.967	0	%100
114	MP4B	Z	4.599	4.599	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,%]
115	MP3B	X	7.967	7.967	0	%100
116	MP3B	Z	4.599	4.599	0	%100
117	MP2B	X	7.967	7.967	0	%100
118	MP2B	Z	4.599	4.599	0	%100
119	MP1B	X	7.967	7.967	0	%100
120	MP1B	Z	4.599	4.599	0	%100
121	M128	X	7.967	7.967	0	%100
122	M128	Z	4.599	4.599	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	5.084	5.084	0	%100
2	M1	Z	8.805	8.805	0	%100
3	M4	X	1.721	1.721	0	%100
4	M4	Z	2.981	2.981	0	%100
5	M10	X	4.369	4.369	0	%100
6	M10	Z	7.568	7.568	0	%100
7	M43	X	4.369	4.369	0	%100
8	M43	Z	7.568	7.568	0	%100
9	M46	X	1.359	1.359	0	%100
10	M46	Z	2.353	2.353	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	4.839	4.839	0	%100
14	M52B	Z	8.382	8.382	0	%100
15	M76	X	2.905	2.905	0	%100
16	M76	Z	5.031	5.031	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	2.905	2.905	0	%100
22	M84	Z	5.031	5.031	0	%100
23	M85	X	8.876	8.876	0	%100
24	M85	Z	15.374	15.374	0	%100
25	M91	X	1.114	1.114	0	%100
26	M91	Z	1.93	1.93	0	%100
27	M52A	X	6.885	6.885	0	%100
28	M52A	Z	11.925	11.925	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	4.839	4.839	0	%100
36	M58A	Z	8.382	8.382	0	%100
37	M59A	X	4.839	4.839	0	%100
38	M59A	Z	8.382	8.382	0	%100
39	M63	X	11.62	11.62	0	%100
40	M63	Z	20.126	20.126	0	%100
41	M64	X	8.876	8.876	0	%100
42	M64	Z	15.374	15.374	0	%100
43	M66	X	1.114	1.114	0	%100
44	M66	Z	1.93	1.93	0	%100
45	M68	X	11.62	11.62	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,%]
46	M68	Z	20.126	20.126	0	%100
47	M69	X	8.876	8.876	0	%100
48	M69	Z	15.374	15.374	0	%100
49	M71	X	1.114	1.114	0	%100
50	M71	Z	1.93	1.93	0	%100
51	M76A	X	1.721	1.721	0	%100
52	M76A	Z	2.981	2.981	0	%100
53	M77A	X	4.369	4.369	0	%100
54	M77A	Z	7.568	7.568	0	%100
55	M78	X	4.369	4.369	0	%100
56	M78	Z	7.568	7.568	0	%100
57	M79A	X	1.359	1.359	0	%100
58	M79A	Z	2.353	2.353	0	%100
59	M82	X	4.839	4.839	0	%100
60	M82	Z	8.382	8.382	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	2.905	2.905	0	%100
64	M87	Z	5.031	5.031	0	%100
65	M88A	X	8.876	8.876	0	%100
66	M88A	Z	15.374	15.374	0	%100
67	M90	X	1.114	1.114	0	%100
68	M90	Z	1.93	1.93	0	%100
69	M92A	X	2.905	2.905	0	%100
70	M92A	Z	5.031	5.031	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	5.084	5.084	0	%100
78	M91B	Z	8.805	8.805	0	%100
79	M102	X	3.45	3.45	0	%100
80	M102	Z	5.975	5.975	0	%100
81	M112	X	0	0	0	%100
82	M112	Z	0	0	0	%100
83	M113	X	3.45	3.45	0	%100
84	M113	Z	5.975	5.975	0	%100
85	M87A	X	0	0	0	%100
86	M87A	Z	0	0	0	%100
87	M88B	X	5.849	5.849	0	%100
88	M88B	Z	10.13	10.13	0	%100
89	M89A	X	5.849	5.849	0	%100
90	M89A	Z	10.13	10.13	0	%100
91	M89B	X	2.38	2.38	0	%100
92	M89B	Z	4.122	4.122	0	%100
93	M90A	X	4.259	4.259	0	%100
94	M90A	Z	7.376	7.376	0	%100
95	M91C	X	2.38	2.38	0	%100
96	M91C	Z	4.122	4.122	0	%100
97	MP4A	X	4.599	4.599	0	%100
98	MP4A	Z	7.967	7.967	0	%100
99	MP3A	X	4.599	4.599	0	%100
100	MP3A	Z	7.967	7.967	0	%100
101	MP2A	X	4.599	4.599	0	%100
102	MP2A	Z	7.967	7.967	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,%]
103	MP1A	X	4.599	4.599	0	%100
104	MP1A	Z	7.967	7.967	0	%100
105	MP4C	X	4.599	4.599	0	%100
106	MP4C	Z	7.967	7.967	0	%100
107	MP3C	X	4.599	4.599	0	%100
108	MP3C	Z	7.967	7.967	0	%100
109	MP2C	X	4.599	4.599	0	%100
110	MP2C	Z	7.967	7.967	0	%100
111	MP1C	X	4.599	4.599	0	%100
112	MP1C	Z	7.967	7.967	0	%100
113	MP4B	X	4.599	4.599	0	%100
114	MP4B	Z	7.967	7.967	0	%100
115	MP3B	X	4.599	4.599	0	%100
116	MP3B	Z	7.967	7.967	0	%100
117	MP2B	X	4.599	4.599	0	%100
118	MP2B	Z	7.967	7.967	0	%100
119	MP1B	X	4.599	4.599	0	%100
120	MP1B	Z	7.967	7.967	0	%100
121	M128	X	4.599	4.599	0	%100
122	M128	Z	7.967	7.967	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	13.556	13.556	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	11.651	11.651	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	11.651	11.651	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	3.623	3.623	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	3.226	3.226	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	3.226	3.226	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	5.917	5.917	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	.743	.743	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	5.917	5.917	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	.743	.743	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	10.327	10.327	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	2.913	2.913	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	2.913	2.913	0	%100
33	M55	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,%]
34	M55	Z	.906	.906	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	3.226	3.226	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	12.904	12.904	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	17.43	17.43	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	5.917	5.917	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	.743	.743	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	17.43	17.43	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	23.67	23.67	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	2.971	2.971	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	10.327	10.327	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	2.913	2.913	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	2.913	2.913	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	.906	.906	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	12.904	12.904	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	3.226	3.226	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	17.43	17.43	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	23.67	23.67	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	2.971	2.971	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	17.43	17.43	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	5.917	5.917	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	.743	.743	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	3.389	3.389	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	3.389	3.389	0	%100
79	M102	X	0	0	0	%100
80	M102	Z	9.199	9.199	0	%100
81	M112	X	0	0	0	%100
82	M112	Z	2.3	2.3	0	%100
83	M113	X	0	0	0	%100
84	M113	Z	2.3	2.3	0	%100
85	M87A	X	0	0	0	%100
86	M87A	Z	3.899	3.899	0	%100
87	M88B	X	0	0	0	%100
88	M88B	Z	3.899	3.899	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	15.596	15.596	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,%]
91	M89B	X	0	0	0	%100
92	M89B	Z	3.507	3.507	0	%100
93	M90A	X	0	0	0	%100
94	M90A	Z	7.265	7.265	0	%100
95	M91C	X	0	0	0	%100
96	M91C	Z	7.265	7.265	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	9.199	9.199	0	%100
99	MP3A	X	0	0	0	%100
100	MP3A	Z	9.199	9.199	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	9.199	9.199	0	%100
103	MP1A	X	0	0	0	%100
104	MP1A	Z	9.199	9.199	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	9.199	9.199	0	%100
107	MP3C	X	0	0	0	%100
108	MP3C	Z	9.199	9.199	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	9.199	9.199	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	9.199	9.199	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	9.199	9.199	0	%100
115	MP3B	X	0	0	0	%100
116	MP3B	Z	9.199	9.199	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	9.199	9.199	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	9.199	9.199	0	%100
121	M128	X	0	0	0	%100
122	M128	Z	9.199	9.199	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	-5.084	-5.084	0	%100
2	M1	Z	8.805	8.805	0	%100
3	M4	X	-1.721	-1.721	0	%100
4	M4	Z	2.981	2.981	0	%100
5	M10	X	-4.369	-4.369	0	%100
6	M10	Z	7.568	7.568	0	%100
7	M43	X	-4.369	-4.369	0	%100
8	M43	Z	7.568	7.568	0	%100
9	M46	X	-1.359	-1.359	0	%100
10	M46	Z	2.353	2.353	0	%100
11	M51B	X	-4.839	-4.839	0	%100
12	M51B	Z	8.382	8.382	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-2.905	-2.905	0	%100
16	M76	Z	5.031	5.031	0	%100
17	M77	X	-8.876	-8.876	0	%100
18	M77	Z	15.374	15.374	0	%100
19	M80	X	-1.114	-1.114	0	%100
20	M80	Z	1.93	1.93	0	%100
21	M84	X	-2.905	-2.905	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,%]
22	M84	Z	5.031	5.031	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-1.721	-1.721	0	%100
28	M52A	Z	2.981	2.981	0	%100
29	M53	X	-4.369	-4.369	0	%100
30	M53	Z	7.568	7.568	0	%100
31	M54	X	-4.369	-4.369	0	%100
32	M54	Z	7.568	7.568	0	%100
33	M55	X	-1.359	-1.359	0	%100
34	M55	Z	2.353	2.353	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	-4.839	-4.839	0	%100
38	M59A	Z	8.382	8.382	0	%100
39	M63	X	-2.905	-2.905	0	%100
40	M63	Z	5.031	5.031	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-2.905	-2.905	0	%100
46	M68	Z	5.031	5.031	0	%100
47	M69	X	-8.876	-8.876	0	%100
48	M69	Z	15.374	15.374	0	%100
49	M71	X	-1.114	-1.114	0	%100
50	M71	Z	1.93	1.93	0	%100
51	M76A	X	-6.885	-6.885	0	%100
52	M76A	Z	11.925	11.925	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	-4.839	-4.839	0	%100
60	M82	Z	8.382	8.382	0	%100
61	M83A	X	-4.839	-4.839	0	%100
62	M83A	Z	8.382	8.382	0	%100
63	M87	X	-11.62	-11.62	0	%100
64	M87	Z	20.126	20.126	0	%100
65	M88A	X	-8.876	-8.876	0	%100
66	M88A	Z	15.374	15.374	0	%100
67	M90	X	-1.114	-1.114	0	%100
68	M90	Z	1.93	1.93	0	%100
69	M92A	X	-11.62	-11.62	0	%100
70	M92A	Z	20.126	20.126	0	%100
71	M93	X	-8.876	-8.876	0	%100
72	M93	Z	15.374	15.374	0	%100
73	M95	X	-1.114	-1.114	0	%100
74	M95	Z	1.93	1.93	0	%100
75	M82A	X	-5.084	-5.084	0	%100
76	M82A	Z	8.805	8.805	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	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,%]
79	M102	X	-3.45	-3.45	0	%100
80	M102	Z	5.975	5.975	0	%100
81	M112	X	-3.45	-3.45	0	%100
82	M112	Z	5.975	5.975	0	%100
83	M113	X	0	0	0	%100
84	M113	Z	0	0	0	%100
85	M87A	X	-5.849	-5.849	0	%100
86	M87A	Z	10.13	10.13	0	%100
87	M88B	X	0	0	0	%100
88	M88B	Z	0	0	0	%100
89	M89A	X	-5.849	-5.849	0	%100
90	M89A	Z	10.13	10.13	0	%100
91	M89B	X	-2.38	-2.38	0	%100
92	M89B	Z	4.122	4.122	0	%100
93	M90A	X	-2.38	-2.38	0	%100
94	M90A	Z	4.122	4.122	0	%100
95	M91C	X	-4.259	-4.259	0	%100
96	M91C	Z	7.376	7.376	0	%100
97	MP4A	X	-4.599	-4.599	0	%100
98	MP4A	Z	7.967	7.967	0	%100
99	MP3A	X	-4.599	-4.599	0	%100
100	MP3A	Z	7.967	7.967	0	%100
101	MP2A	X	-4.599	-4.599	0	%100
102	MP2A	Z	7.967	7.967	0	%100
103	MP1A	X	-4.599	-4.599	0	%100
104	MP1A	Z	7.967	7.967	0	%100
105	MP4C	X	-4.599	-4.599	0	%100
106	MP4C	Z	7.967	7.967	0	%100
107	MP3C	X	-4.599	-4.599	0	%100
108	MP3C	Z	7.967	7.967	0	%100
109	MP2C	X	-4.599	-4.599	0	%100
110	MP2C	Z	7.967	7.967	0	%100
111	MP1C	X	-4.599	-4.599	0	%100
112	MP1C	Z	7.967	7.967	0	%100
113	MP4B	X	-4.599	-4.599	0	%100
114	MP4B	Z	7.967	7.967	0	%100
115	MP3B	X	-4.599	-4.599	0	%100
116	MP3B	Z	7.967	7.967	0	%100
117	MP2B	X	-4.599	-4.599	0	%100
118	MP2B	Z	7.967	7.967	0	%100
119	MP1B	X	-4.599	-4.599	0	%100
120	MP1B	Z	7.967	7.967	0	%100
121	M128	X	-4.599	-4.599	0	%100
122	M128	Z	7.967	7.967	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.935	-2.935	0	%100
2	M1	Z	1.695	1.695	0	%100
3	M4	X	-8.943	-8.943	0	%100
4	M4	Z	5.163	5.163	0	%100
5	M10	X	-2.523	-2.523	0	%100
6	M10	Z	1.456	1.456	0	%100
7	M43	X	-2.523	-2.523	0	%100
8	M43	Z	1.456	1.456	0	%100
9	M46	X	-.784	-.784	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,%]
10	M46	Z	.453	.453	0	%100
11	M51B	X	-11.176	-11.176	0	%100
12	M51B	Z	6.452	6.452	0	%100
13	M52B	X	-2.794	-2.794	0	%100
14	M52B	Z	1.613	1.613	0	%100
15	M76	X	-15.094	-15.094	0	%100
16	M76	Z	8.715	8.715	0	%100
17	M77	X	-20.499	-20.499	0	%100
18	M77	Z	11.835	11.835	0	%100
19	M80	X	-2.573	-2.573	0	%100
20	M80	Z	1.486	1.486	0	%100
21	M84	X	-15.094	-15.094	0	%100
22	M84	Z	8.715	8.715	0	%100
23	M85	X	-5.125	-5.125	0	%100
24	M85	Z	2.959	2.959	0	%100
25	M91	X	-.643	-.643	0	%100
26	M91	Z	.371	.371	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	-10.09	-10.09	0	%100
30	M53	Z	5.826	5.826	0	%100
31	M54	X	-10.09	-10.09	0	%100
32	M54	Z	5.826	5.826	0	%100
33	M55	X	-3.138	-3.138	0	%100
34	M55	Z	1.811	1.811	0	%100
35	M58A	X	-2.794	-2.794	0	%100
36	M58A	Z	1.613	1.613	0	%100
37	M59A	X	-2.794	-2.794	0	%100
38	M59A	Z	1.613	1.613	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-5.125	-5.125	0	%100
42	M64	Z	2.959	2.959	0	%100
43	M66	X	-.643	-.643	0	%100
44	M66	Z	.371	.371	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	-5.125	-5.125	0	%100
48	M69	Z	2.959	2.959	0	%100
49	M71	X	-.643	-.643	0	%100
50	M71	Z	.371	.371	0	%100
51	M76A	X	-8.943	-8.943	0	%100
52	M76A	Z	5.163	5.163	0	%100
53	M77A	X	-2.523	-2.523	0	%100
54	M77A	Z	1.456	1.456	0	%100
55	M78	X	-2.523	-2.523	0	%100
56	M78	Z	1.456	1.456	0	%100
57	M79A	X	-.784	-.784	0	%100
58	M79A	Z	.453	.453	0	%100
59	M82	X	-2.794	-2.794	0	%100
60	M82	Z	1.613	1.613	0	%100
61	M83A	X	-11.176	-11.176	0	%100
62	M83A	Z	6.452	6.452	0	%100
63	M87	X	-15.094	-15.094	0	%100
64	M87	Z	8.715	8.715	0	%100
65	M88A	X	-5.125	-5.125	0	%100
66	M88A	Z	2.959	2.959	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,%]
67	M90	X	-.643	-.643	0	%100
68	M90	Z	.371	.371	0	%100
69	M92A	X	-15.094	-15.094	0	%100
70	M92A	Z	8.715	8.715	0	%100
71	M93	X	-20.499	-20.499	0	%100
72	M93	Z	11.835	11.835	0	%100
73	M95	X	-2.573	-2.573	0	%100
74	M95	Z	1.486	1.486	0	%100
75	M82A	X	-11.74	-11.74	0	%100
76	M82A	Z	6.778	6.778	0	%100
77	M91B	X	-2.935	-2.935	0	%100
78	M91B	Z	1.695	1.695	0	%100
79	M102	X	-1.992	-1.992	0	%100
80	M102	Z	1.15	1.15	0	%100
81	M112	X	-7.967	-7.967	0	%100
82	M112	Z	4.599	4.599	0	%100
83	M113	X	-1.992	-1.992	0	%100
84	M113	Z	1.15	1.15	0	%100
85	M87A	X	-13.507	-13.507	0	%100
86	M87A	Z	7.798	7.798	0	%100
87	M88B	X	-3.377	-3.377	0	%100
88	M88B	Z	1.95	1.95	0	%100
89	M89A	X	-3.377	-3.377	0	%100
90	M89A	Z	1.95	1.95	0	%100
91	M89B	X	-6.291	-6.291	0	%100
92	M89B	Z	3.632	3.632	0	%100
93	M90A	X	-3.037	-3.037	0	%100
94	M90A	Z	1.753	1.753	0	%100
95	M91C	X	-6.291	-6.291	0	%100
96	M91C	Z	3.632	3.632	0	%100
97	MP4A	X	-7.967	-7.967	0	%100
98	MP4A	Z	4.599	4.599	0	%100
99	MP3A	X	-7.967	-7.967	0	%100
100	MP3A	Z	4.599	4.599	0	%100
101	MP2A	X	-7.967	-7.967	0	%100
102	MP2A	Z	4.599	4.599	0	%100
103	MP1A	X	-7.967	-7.967	0	%100
104	MP1A	Z	4.599	4.599	0	%100
105	MP4C	X	-7.967	-7.967	0	%100
106	MP4C	Z	4.599	4.599	0	%100
107	MP3C	X	-7.967	-7.967	0	%100
108	MP3C	Z	4.599	4.599	0	%100
109	MP2C	X	-7.967	-7.967	0	%100
110	MP2C	Z	4.599	4.599	0	%100
111	MP1C	X	-7.967	-7.967	0	%100
112	MP1C	Z	4.599	4.599	0	%100
113	MP4B	X	-7.967	-7.967	0	%100
114	MP4B	Z	4.599	4.599	0	%100
115	MP3B	X	-7.967	-7.967	0	%100
116	MP3B	Z	4.599	4.599	0	%100
117	MP2B	X	-7.967	-7.967	0	%100
118	MP2B	Z	4.599	4.599	0	%100
119	MP1B	X	-7.967	-7.967	0	%100
120	MP1B	Z	4.599	4.599	0	%100
121	M128	X	-7.967	-7.967	0	%100
122	M128	Z	4.599	4.599	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-13.769	-13.769	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-9.678	-9.678	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-9.678	-9.678	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-23.239	-23.239	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-17.752	-17.752	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-2.228	-2.228	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-23.239	-23.239	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-17.752	-17.752	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-2.228	-2.228	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-3.442	-3.442	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	-8.738	-8.738	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	-8.738	-8.738	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	-2.717	-2.717	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	-9.678	-9.678	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-5.81	-5.81	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-17.752	-17.752	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	-2.228	-2.228	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-5.81	-5.81	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-3.442	-3.442	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	-8.738	-8.738	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	-8.738	-8.738	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	-2.717	-2.717	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,%]
58	M79A	Z	0	0	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	-9.678	-9.678	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-5.81	-5.81	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-5.81	-5.81	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	-17.752	-17.752	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	-2.228	-2.228	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	-10.167	-10.167	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	-10.167	-10.167	0	%100
78	M91B	Z	0	0	0	%100
79	M102	X	0	0	0	%100
80	M102	Z	0	0	0	%100
81	M112	X	-6.899	-6.899	0	%100
82	M112	Z	0	0	0	%100
83	M113	X	-6.899	-6.899	0	%100
84	M113	Z	0	0	0	%100
85	M87A	X	-11.697	-11.697	0	%100
86	M87A	Z	0	0	0	%100
87	M88B	X	-11.697	-11.697	0	%100
88	M88B	Z	0	0	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	0	0	0	%100
91	M89B	X	-8.517	-8.517	0	%100
92	M89B	Z	0	0	0	%100
93	M90A	X	-4.759	-4.759	0	%100
94	M90A	Z	0	0	0	%100
95	M91C	X	-4.759	-4.759	0	%100
96	M91C	Z	0	0	0	%100
97	MP4A	X	-9.199	-9.199	0	%100
98	MP4A	Z	0	0	0	%100
99	MP3A	X	-9.199	-9.199	0	%100
100	MP3A	Z	0	0	0	%100
101	MP2A	X	-9.199	-9.199	0	%100
102	MP2A	Z	0	0	0	%100
103	MP1A	X	-9.199	-9.199	0	%100
104	MP1A	Z	0	0	0	%100
105	MP4C	X	-9.199	-9.199	0	%100
106	MP4C	Z	0	0	0	%100
107	MP3C	X	-9.199	-9.199	0	%100
108	MP3C	Z	0	0	0	%100
109	MP2C	X	-9.199	-9.199	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	-9.199	-9.199	0	%100
112	MP1C	Z	0	0	0	%100
113	MP4B	X	-9.199	-9.199	0	%100
114	MP4B	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,%]
115	MP3B	X	-9.199	-9.199	0	%100
116	MP3B	Z	0	0	0	%100
117	MP2B	X	-9.199	-9.199	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	-9.199	-9.199	0	%100
120	MP1B	Z	0	0	0	%100
121	M128	X	-9.199	-9.199	0	%100
122	M128	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.935	-2.935	0	%100
2	M1	Z	-1.695	-1.695	0	%100
3	M4	X	-8.943	-8.943	0	%100
4	M4	Z	-5.163	-5.163	0	%100
5	M10	X	-2.523	-2.523	0	%100
6	M10	Z	-1.456	-1.456	0	%100
7	M43	X	-2.523	-2.523	0	%100
8	M43	Z	-1.456	-1.456	0	%100
9	M46	X	-.784	-.784	0	%100
10	M46	Z	-.453	-.453	0	%100
11	M51B	X	-2.794	-2.794	0	%100
12	M51B	Z	-1.613	-1.613	0	%100
13	M52B	X	-11.176	-11.176	0	%100
14	M52B	Z	-6.452	-6.452	0	%100
15	M76	X	-15.094	-15.094	0	%100
16	M76	Z	-8.715	-8.715	0	%100
17	M77	X	-5.125	-5.125	0	%100
18	M77	Z	-2.959	-2.959	0	%100
19	M80	X	-.643	-.643	0	%100
20	M80	Z	-.371	-.371	0	%100
21	M84	X	-15.094	-15.094	0	%100
22	M84	Z	-8.715	-8.715	0	%100
23	M85	X	-20.499	-20.499	0	%100
24	M85	Z	-11.835	-11.835	0	%100
25	M91	X	-2.573	-2.573	0	%100
26	M91	Z	-1.486	-1.486	0	%100
27	M52A	X	-8.943	-8.943	0	%100
28	M52A	Z	-5.163	-5.163	0	%100
29	M53	X	-2.523	-2.523	0	%100
30	M53	Z	-1.456	-1.456	0	%100
31	M54	X	-2.523	-2.523	0	%100
32	M54	Z	-1.456	-1.456	0	%100
33	M55	X	-.784	-.784	0	%100
34	M55	Z	-.453	-.453	0	%100
35	M58A	X	-11.176	-11.176	0	%100
36	M58A	Z	-6.452	-6.452	0	%100
37	M59A	X	-2.794	-2.794	0	%100
38	M59A	Z	-1.613	-1.613	0	%100
39	M63	X	-15.094	-15.094	0	%100
40	M63	Z	-8.715	-8.715	0	%100
41	M64	X	-20.499	-20.499	0	%100
42	M64	Z	-11.835	-11.835	0	%100
43	M66	X	-2.573	-2.573	0	%100
44	M66	Z	-1.486	-1.486	0	%100
45	M68	X	-15.094	-15.094	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,%]
46	M68	Z	-8.715	-8.715	0	%100
47	M69	X	-5.125	-5.125	0	%100
48	M69	Z	-2.959	-2.959	0	%100
49	M71	X	-.643	-.643	0	%100
50	M71	Z	-.371	-.371	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	-10.09	-10.09	0	%100
54	M77A	Z	-5.826	-5.826	0	%100
55	M78	X	-10.09	-10.09	0	%100
56	M78	Z	-5.826	-5.826	0	%100
57	M79A	X	-3.138	-3.138	0	%100
58	M79A	Z	-1.811	-1.811	0	%100
59	M82	X	-2.794	-2.794	0	%100
60	M82	Z	-1.613	-1.613	0	%100
61	M83A	X	-2.794	-2.794	0	%100
62	M83A	Z	-1.613	-1.613	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	-5.125	-5.125	0	%100
66	M88A	Z	-2.959	-2.959	0	%100
67	M90	X	-.643	-.643	0	%100
68	M90	Z	-.371	-.371	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	-5.125	-5.125	0	%100
72	M93	Z	-2.959	-2.959	0	%100
73	M95	X	-.643	-.643	0	%100
74	M95	Z	-.371	-.371	0	%100
75	M82A	X	-2.935	-2.935	0	%100
76	M82A	Z	-1.695	-1.695	0	%100
77	M91B	X	-11.74	-11.74	0	%100
78	M91B	Z	-6.778	-6.778	0	%100
79	M102	X	-1.992	-1.992	0	%100
80	M102	Z	-1.15	-1.15	0	%100
81	M112	X	-1.992	-1.992	0	%100
82	M112	Z	-1.15	-1.15	0	%100
83	M113	X	-7.967	-7.967	0	%100
84	M113	Z	-4.599	-4.599	0	%100
85	M87A	X	-3.377	-3.377	0	%100
86	M87A	Z	-1.95	-1.95	0	%100
87	M88B	X	-13.507	-13.507	0	%100
88	M88B	Z	-7.798	-7.798	0	%100
89	M89A	X	-3.377	-3.377	0	%100
90	M89A	Z	-1.95	-1.95	0	%100
91	M89B	X	-6.291	-6.291	0	%100
92	M89B	Z	-3.632	-3.632	0	%100
93	M90A	X	-6.291	-6.291	0	%100
94	M90A	Z	-3.632	-3.632	0	%100
95	M91C	X	-3.037	-3.037	0	%100
96	M91C	Z	-1.753	-1.753	0	%100
97	MP4A	X	-7.967	-7.967	0	%100
98	MP4A	Z	-4.599	-4.599	0	%100
99	MP3A	X	-7.967	-7.967	0	%100
100	MP3A	Z	-4.599	-4.599	0	%100
101	MP2A	X	-7.967	-7.967	0	%100
102	MP2A	Z	-4.599	-4.599	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,%]
103	MP1A	X	-7.967	-7.967	0	%100
104	MP1A	Z	-4.599	-4.599	0	%100
105	MP4C	X	-7.967	-7.967	0	%100
106	MP4C	Z	-4.599	-4.599	0	%100
107	MP3C	X	-7.967	-7.967	0	%100
108	MP3C	Z	-4.599	-4.599	0	%100
109	MP2C	X	-7.967	-7.967	0	%100
110	MP2C	Z	-4.599	-4.599	0	%100
111	MP1C	X	-7.967	-7.967	0	%100
112	MP1C	Z	-4.599	-4.599	0	%100
113	MP4B	X	-7.967	-7.967	0	%100
114	MP4B	Z	-4.599	-4.599	0	%100
115	MP3B	X	-7.967	-7.967	0	%100
116	MP3B	Z	-4.599	-4.599	0	%100
117	MP2B	X	-7.967	-7.967	0	%100
118	MP2B	Z	-4.599	-4.599	0	%100
119	MP1B	X	-7.967	-7.967	0	%100
120	MP1B	Z	-4.599	-4.599	0	%100
121	M128	X	-7.967	-7.967	0	%100
122	M128	Z	-4.599	-4.599	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	-5.084	-5.084	0	%100
2	M1	Z	-8.805	-8.805	0	%100
3	M4	X	-1.721	-1.721	0	%100
4	M4	Z	-2.981	-2.981	0	%100
5	M10	X	-4.369	-4.369	0	%100
6	M10	Z	-7.568	-7.568	0	%100
7	M43	X	-4.369	-4.369	0	%100
8	M43	Z	-7.568	-7.568	0	%100
9	M46	X	-1.359	-1.359	0	%100
10	M46	Z	-2.353	-2.353	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-4.839	-4.839	0	%100
14	M52B	Z	-8.382	-8.382	0	%100
15	M76	X	-2.905	-2.905	0	%100
16	M76	Z	-5.031	-5.031	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-2.905	-2.905	0	%100
22	M84	Z	-5.031	-5.031	0	%100
23	M85	X	-8.876	-8.876	0	%100
24	M85	Z	-15.374	-15.374	0	%100
25	M91	X	-1.114	-1.114	0	%100
26	M91	Z	-1.93	-1.93	0	%100
27	M52A	X	-6.885	-6.885	0	%100
28	M52A	Z	-11.925	-11.925	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	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,%]
34	M55	Z	0	0	0	%100
35	M58A	X	-4.839	-4.839	0	%100
36	M58A	Z	-8.382	-8.382	0	%100
37	M59A	X	-4.839	-4.839	0	%100
38	M59A	Z	-8.382	-8.382	0	%100
39	M63	X	-11.62	-11.62	0	%100
40	M63	Z	-20.126	-20.126	0	%100
41	M64	X	-8.876	-8.876	0	%100
42	M64	Z	-15.374	-15.374	0	%100
43	M66	X	-1.114	-1.114	0	%100
44	M66	Z	-1.93	-1.93	0	%100
45	M68	X	-11.62	-11.62	0	%100
46	M68	Z	-20.126	-20.126	0	%100
47	M69	X	-8.876	-8.876	0	%100
48	M69	Z	-15.374	-15.374	0	%100
49	M71	X	-1.114	-1.114	0	%100
50	M71	Z	-1.93	-1.93	0	%100
51	M76A	X	-1.721	-1.721	0	%100
52	M76A	Z	-2.981	-2.981	0	%100
53	M77A	X	-4.369	-4.369	0	%100
54	M77A	Z	-7.568	-7.568	0	%100
55	M78	X	-4.369	-4.369	0	%100
56	M78	Z	-7.568	-7.568	0	%100
57	M79A	X	-1.359	-1.359	0	%100
58	M79A	Z	-2.353	-2.353	0	%100
59	M82	X	-4.839	-4.839	0	%100
60	M82	Z	-8.382	-8.382	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-2.905	-2.905	0	%100
64	M87	Z	-5.031	-5.031	0	%100
65	M88A	X	-8.876	-8.876	0	%100
66	M88A	Z	-15.374	-15.374	0	%100
67	M90	X	-1.114	-1.114	0	%100
68	M90	Z	-1.93	-1.93	0	%100
69	M92A	X	-2.905	-2.905	0	%100
70	M92A	Z	-5.031	-5.031	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	-5.084	-5.084	0	%100
78	M91B	Z	-8.805	-8.805	0	%100
79	M102	X	-3.45	-3.45	0	%100
80	M102	Z	-5.975	-5.975	0	%100
81	M112	X	0	0	0	%100
82	M112	Z	0	0	0	%100
83	M113	X	-3.45	-3.45	0	%100
84	M113	Z	-5.975	-5.975	0	%100
85	M87A	X	0	0	0	%100
86	M87A	Z	0	0	0	%100
87	M88B	X	-5.849	-5.849	0	%100
88	M88B	Z	-10.13	-10.13	0	%100
89	M89A	X	-5.849	-5.849	0	%100
90	M89A	Z	-10.13	-10.13	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,%]
91	M89B	X	-2.38	-2.38	0	%100
92	M89B	Z	-4.122	-4.122	0	%100
93	M90A	X	-4.259	-4.259	0	%100
94	M90A	Z	-7.376	-7.376	0	%100
95	M91C	X	-2.38	-2.38	0	%100
96	M91C	Z	-4.122	-4.122	0	%100
97	MP4A	X	-4.599	-4.599	0	%100
98	MP4A	Z	-7.967	-7.967	0	%100
99	MP3A	X	-4.599	-4.599	0	%100
100	MP3A	Z	-7.967	-7.967	0	%100
101	MP2A	X	-4.599	-4.599	0	%100
102	MP2A	Z	-7.967	-7.967	0	%100
103	MP1A	X	-4.599	-4.599	0	%100
104	MP1A	Z	-7.967	-7.967	0	%100
105	MP4C	X	-4.599	-4.599	0	%100
106	MP4C	Z	-7.967	-7.967	0	%100
107	MP3C	X	-4.599	-4.599	0	%100
108	MP3C	Z	-7.967	-7.967	0	%100
109	MP2C	X	-4.599	-4.599	0	%100
110	MP2C	Z	-7.967	-7.967	0	%100
111	MP1C	X	-4.599	-4.599	0	%100
112	MP1C	Z	-7.967	-7.967	0	%100
113	MP4B	X	-4.599	-4.599	0	%100
114	MP4B	Z	-7.967	-7.967	0	%100
115	MP3B	X	-4.599	-4.599	0	%100
116	MP3B	Z	-7.967	-7.967	0	%100
117	MP2B	X	-4.599	-4.599	0	%100
118	MP2B	Z	-7.967	-7.967	0	%100
119	MP1B	X	-4.599	-4.599	0	%100
120	MP1B	Z	-7.967	-7.967	0	%100
121	M128	X	-4.599	-4.599	0	%100
122	M128	Z	-7.967	-7.967	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.626	-3.626	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-2.974	-2.974	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-2.974	-2.974	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-1.504	-1.504	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-.855	-.855	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-.855	-.855	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-1.159	-1.159	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-.331	-.331	0	%100
21	M84	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,%]
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-1.159	-1.159	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-.331	-.331	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	-2.745	-2.745	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	-.743	-.743	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	-.743	-.743	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	-.376	-.376	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	-.855	-.855	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	-3.42	-3.42	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	-3.426	-3.426	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	-1.159	-1.159	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	-.331	-.331	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	-3.426	-3.426	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	-4.637	-4.637	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	-1.325	-1.325	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	-2.745	-2.745	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	-.743	-.743	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-.743	-.743	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	-.376	-.376	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	-3.42	-3.42	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	-.855	-.855	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	-3.426	-3.426	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	-4.637	-4.637	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	-1.325	-1.325	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	-3.426	-3.426	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	-1.159	-1.159	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	-.331	-.331	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	-.907	-.907	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	-.907	-.907	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,%]
79	M102	X	0	0	0	%100
80	M102	Z	-2.929	-2.929	0	%100
81	M112	X	0	0	0	%100
82	M112	Z	-.732	-.732	0	%100
83	M113	X	0	0	0	%100
84	M113	Z	-.732	-.732	0	%100
85	M87A	X	0	0	0	%100
86	M87A	Z	-.85	-.85	0	%100
87	M88B	X	0	0	0	%100
88	M88B	Z	-.85	-.85	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	-3.401	-3.401	0	%100
91	M89B	X	0	0	0	%100
92	M89B	Z	-1.119	-1.119	0	%100
93	M90A	X	0	0	0	%100
94	M90A	Z	-2.318	-2.318	0	%100
95	M91C	X	0	0	0	%100
96	M91C	Z	-2.318	-2.318	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	-2.929	-2.929	0	%100
99	MP3A	X	0	0	0	%100
100	MP3A	Z	-2.929	-2.929	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	-2.929	-2.929	0	%100
103	MP1A	X	0	0	0	%100
104	MP1A	Z	-2.929	-2.929	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	-2.929	-2.929	0	%100
107	MP3C	X	0	0	0	%100
108	MP3C	Z	-2.929	-2.929	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-2.929	-2.929	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-2.929	-2.929	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	-2.929	-2.929	0	%100
115	MP3B	X	0	0	0	%100
116	MP3B	Z	-2.929	-2.929	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-2.929	-2.929	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-2.929	-2.929	0	%100
121	M128	X	0	0	0	%100
122	M128	Z	-2.929	-2.929	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.36	1.36	0	%100
2	M1	Z	-2.355	-2.355	0	%100
3	M4	X	.458	.458	0	%100
4	M4	Z	-.792	-.792	0	%100
5	M10	X	1.115	1.115	0	%100
6	M10	Z	-1.932	-1.932	0	%100
7	M43	X	1.115	1.115	0	%100
8	M43	Z	-1.932	-1.932	0	%100
9	M46	X	.564	.564	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,%]
10	M46	Z	-.977	-.977	0	%100
11	M51B	X	1.283	1.283	0	%100
12	M51B	Z	-2.222	-2.222	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.571	.571	0	%100
16	M76	Z	-.989	-.989	0	%100
17	M77	X	1.739	1.739	0	%100
18	M77	Z	-3.012	-3.012	0	%100
19	M80	X	.497	.497	0	%100
20	M80	Z	-.861	-.861	0	%100
21	M84	X	.571	.571	0	%100
22	M84	Z	-.989	-.989	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	.458	.458	0	%100
28	M52A	Z	-.792	-.792	0	%100
29	M53	X	1.115	1.115	0	%100
30	M53	Z	-1.932	-1.932	0	%100
31	M54	X	1.115	1.115	0	%100
32	M54	Z	-1.932	-1.932	0	%100
33	M55	X	.564	.564	0	%100
34	M55	Z	-.977	-.977	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	1.283	1.283	0	%100
38	M59A	Z	-2.222	-2.222	0	%100
39	M63	X	.571	.571	0	%100
40	M63	Z	-.989	-.989	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	.571	.571	0	%100
46	M68	Z	-.989	-.989	0	%100
47	M69	X	1.739	1.739	0	%100
48	M69	Z	-3.012	-3.012	0	%100
49	M71	X	.497	.497	0	%100
50	M71	Z	-.861	-.861	0	%100
51	M76A	X	1.83	1.83	0	%100
52	M76A	Z	-3.17	-3.17	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	1.283	1.283	0	%100
60	M82	Z	-2.222	-2.222	0	%100
61	M83A	X	1.283	1.283	0	%100
62	M83A	Z	-2.222	-2.222	0	%100
63	M87	X	2.284	2.284	0	%100
64	M87	Z	-3.956	-3.956	0	%100
65	M88A	X	1.739	1.739	0	%100
66	M88A	Z	-3.012	-3.012	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,%]
67	M90	X	.497	.497	0	%100
68	M90	Z	-.861	-.861	0	%100
69	M92A	X	2.284	2.284	0	%100
70	M92A	Z	-3.956	-3.956	0	%100
71	M93	X	1.739	1.739	0	%100
72	M93	Z	-3.012	-3.012	0	%100
73	M95	X	.497	.497	0	%100
74	M95	Z	-.861	-.861	0	%100
75	M82A	X	1.36	1.36	0	%100
76	M82A	Z	-2.355	-2.355	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	M102	X	1.098	1.098	0	%100
80	M102	Z	-1.902	-1.902	0	%100
81	M112	X	1.098	1.098	0	%100
82	M112	Z	-1.902	-1.902	0	%100
83	M113	X	0	0	0	%100
84	M113	Z	0	0	0	%100
85	M87A	X	1.275	1.275	0	%100
86	M87A	Z	-2.209	-2.209	0	%100
87	M88B	X	0	0	0	%100
88	M88B	Z	0	0	0	%100
89	M89A	X	1.275	1.275	0	%100
90	M89A	Z	-2.209	-2.209	0	%100
91	M89B	X	.759	.759	0	%100
92	M89B	Z	-1.315	-1.315	0	%100
93	M90A	X	.759	.759	0	%100
94	M90A	Z	-1.315	-1.315	0	%100
95	M91C	X	1.359	1.359	0	%100
96	M91C	Z	-2.354	-2.354	0	%100
97	MP4A	X	1.465	1.465	0	%100
98	MP4A	Z	-2.537	-2.537	0	%100
99	MP3A	X	1.465	1.465	0	%100
100	MP3A	Z	-2.537	-2.537	0	%100
101	MP2A	X	1.465	1.465	0	%100
102	MP2A	Z	-2.537	-2.537	0	%100
103	MP1A	X	1.465	1.465	0	%100
104	MP1A	Z	-2.537	-2.537	0	%100
105	MP4C	X	1.465	1.465	0	%100
106	MP4C	Z	-2.537	-2.537	0	%100
107	MP3C	X	1.465	1.465	0	%100
108	MP3C	Z	-2.537	-2.537	0	%100
109	MP2C	X	1.465	1.465	0	%100
110	MP2C	Z	-2.537	-2.537	0	%100
111	MP1C	X	1.465	1.465	0	%100
112	MP1C	Z	-2.537	-2.537	0	%100
113	MP4B	X	1.465	1.465	0	%100
114	MP4B	Z	-2.537	-2.537	0	%100
115	MP3B	X	1.465	1.465	0	%100
116	MP3B	Z	-2.537	-2.537	0	%100
117	MP2B	X	1.465	1.465	0	%100
118	MP2B	Z	-2.537	-2.537	0	%100
119	MP1B	X	1.465	1.465	0	%100
120	MP1B	Z	-2.537	-2.537	0	%100
121	M128	X	1.465	1.465	0	%100
122	M128	Z	-2.537	-2.537	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	.785	.785	0	%100
2	M1	Z	-.453	-.453	0	%100
3	M4	X	2.377	2.377	0	%100
4	M4	Z	-1.373	-1.373	0	%100
5	M10	X	.644	.644	0	%100
6	M10	Z	-.372	-.372	0	%100
7	M43	X	.644	.644	0	%100
8	M43	Z	-.372	-.372	0	%100
9	M46	X	.326	.326	0	%100
10	M46	Z	-.188	-.188	0	%100
11	M51B	X	2.962	2.962	0	%100
12	M51B	Z	-1.71	-1.71	0	%100
13	M52B	X	.741	.741	0	%100
14	M52B	Z	-.428	-.428	0	%100
15	M76	X	2.967	2.967	0	%100
16	M76	Z	-1.713	-1.713	0	%100
17	M77	X	4.016	4.016	0	%100
18	M77	Z	-2.319	-2.319	0	%100
19	M80	X	1.148	1.148	0	%100
20	M80	Z	-.663	-.663	0	%100
21	M84	X	2.967	2.967	0	%100
22	M84	Z	-1.713	-1.713	0	%100
23	M85	X	1.004	1.004	0	%100
24	M85	Z	-.58	-.58	0	%100
25	M91	X	.287	.287	0	%100
26	M91	Z	-.166	-.166	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	2.575	2.575	0	%100
30	M53	Z	-1.487	-1.487	0	%100
31	M54	X	2.575	2.575	0	%100
32	M54	Z	-1.487	-1.487	0	%100
33	M55	X	1.303	1.303	0	%100
34	M55	Z	-.752	-.752	0	%100
35	M58A	X	.741	.741	0	%100
36	M58A	Z	-.428	-.428	0	%100
37	M59A	X	.741	.741	0	%100
38	M59A	Z	-.428	-.428	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	1.004	1.004	0	%100
42	M64	Z	-.58	-.58	0	%100
43	M66	X	.287	.287	0	%100
44	M66	Z	-.166	-.166	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	1.004	1.004	0	%100
48	M69	Z	-.58	-.58	0	%100
49	M71	X	.287	.287	0	%100
50	M71	Z	-.166	-.166	0	%100
51	M76A	X	2.377	2.377	0	%100
52	M76A	Z	-1.373	-1.373	0	%100
53	M77A	X	.644	.644	0	%100
54	M77A	Z	-.372	-.372	0	%100
55	M78	X	.644	.644	0	%100
56	M78	Z	-.372	-.372	0	%100
57	M79A	X	.326	.326	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,%]
58	M79A	Z	-.188	-.188	0	%100
59	M82	X	.741	.741	0	%100
60	M82	Z	-.428	-.428	0	%100
61	M83A	X	2.962	2.962	0	%100
62	M83A	Z	-1.71	-1.71	0	%100
63	M87	X	2.967	2.967	0	%100
64	M87	Z	-1.713	-1.713	0	%100
65	M88A	X	1.004	1.004	0	%100
66	M88A	Z	-.58	-.58	0	%100
67	M90	X	.287	.287	0	%100
68	M90	Z	-.166	-.166	0	%100
69	M92A	X	2.967	2.967	0	%100
70	M92A	Z	-1.713	-1.713	0	%100
71	M93	X	4.016	4.016	0	%100
72	M93	Z	-2.319	-2.319	0	%100
73	M95	X	1.148	1.148	0	%100
74	M95	Z	-.663	-.663	0	%100
75	M82A	X	3.14	3.14	0	%100
76	M82A	Z	-1.813	-1.813	0	%100
77	M91B	X	.785	.785	0	%100
78	M91B	Z	-.453	-.453	0	%100
79	M102	X	.634	.634	0	%100
80	M102	Z	-.366	-.366	0	%100
81	M112	X	2.537	2.537	0	%100
82	M112	Z	-1.465	-1.465	0	%100
83	M113	X	.634	.634	0	%100
84	M113	Z	-.366	-.366	0	%100
85	M87A	X	2.945	2.945	0	%100
86	M87A	Z	-1.7	-1.7	0	%100
87	M88B	X	.736	.736	0	%100
88	M88B	Z	-.425	-.425	0	%100
89	M89A	X	.736	.736	0	%100
90	M89A	Z	-.425	-.425	0	%100
91	M89B	X	2.007	2.007	0	%100
92	M89B	Z	-1.159	-1.159	0	%100
93	M90A	X	.969	.969	0	%100
94	M90A	Z	-.559	-.559	0	%100
95	M91C	X	2.007	2.007	0	%100
96	M91C	Z	-1.159	-1.159	0	%100
97	MP4A	X	2.537	2.537	0	%100
98	MP4A	Z	-1.465	-1.465	0	%100
99	MP3A	X	2.537	2.537	0	%100
100	MP3A	Z	-1.465	-1.465	0	%100
101	MP2A	X	2.537	2.537	0	%100
102	MP2A	Z	-1.465	-1.465	0	%100
103	MP1A	X	2.537	2.537	0	%100
104	MP1A	Z	-1.465	-1.465	0	%100
105	MP4C	X	2.537	2.537	0	%100
106	MP4C	Z	-1.465	-1.465	0	%100
107	MP3C	X	2.537	2.537	0	%100
108	MP3C	Z	-1.465	-1.465	0	%100
109	MP2C	X	2.537	2.537	0	%100
110	MP2C	Z	-1.465	-1.465	0	%100
111	MP1C	X	2.537	2.537	0	%100
112	MP1C	Z	-1.465	-1.465	0	%100
113	MP4B	X	2.537	2.537	0	%100
114	MP4B	Z	-1.465	-1.465	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,%]
115	MP3B	X	2.537	2.537	0	%100
116	MP3B	Z	-1.465	-1.465	0	%100
117	MP2B	X	2.537	2.537	0	%100
118	MP2B	Z	-1.465	-1.465	0	%100
119	MP1B	X	2.537	2.537	0	%100
120	MP1B	Z	-1.465	-1.465	0	%100
121	M128	X	2.537	2.537	0	%100
122	M128	Z	-1.465	-1.465	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.66	3.66	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	2.565	2.565	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	2.565	2.565	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	4.568	4.568	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	3.478	3.478	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	.994	.994	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	4.568	4.568	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	3.478	3.478	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	.994	.994	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	.915	.915	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	2.23	2.23	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	2.23	2.23	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	1.128	1.128	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	2.565	2.565	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	1.142	1.142	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	3.478	3.478	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	.994	.994	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	1.142	1.142	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,%]
46	M68	Z	0	0	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	.915	.915	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	2.23	2.23	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	2.23	2.23	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	1.128	1.128	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	2.565	2.565	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	1.142	1.142	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	1.142	1.142	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	3.478	3.478	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	.994	.994	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	2.72	2.72	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	2.72	2.72	0	%100
78	M91B	Z	0	0	0	%100
79	M102	X	0	0	0	%100
80	M102	Z	0	0	0	%100
81	M112	X	2.197	2.197	0	%100
82	M112	Z	0	0	0	%100
83	M113	X	2.197	2.197	0	%100
84	M113	Z	0	0	0	%100
85	M87A	X	2.551	2.551	0	%100
86	M87A	Z	0	0	0	%100
87	M88B	X	2.551	2.551	0	%100
88	M88B	Z	0	0	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	0	0	0	%100
91	M89B	X	2.718	2.718	0	%100
92	M89B	Z	0	0	0	%100
93	M90A	X	1.519	1.519	0	%100
94	M90A	Z	0	0	0	%100
95	M91C	X	1.519	1.519	0	%100
96	M91C	Z	0	0	0	%100
97	MP4A	X	2.929	2.929	0	%100
98	MP4A	Z	0	0	0	%100
99	MP3A	X	2.929	2.929	0	%100
100	MP3A	Z	0	0	0	%100
101	MP2A	X	2.929	2.929	0	%100
102	MP2A	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,%]
103	MP1A	X	2.929	2.929	0	%100
104	MP1A	Z	0	0	0	%100
105	MP4C	X	2.929	2.929	0	%100
106	MP4C	Z	0	0	0	%100
107	MP3C	X	2.929	2.929	0	%100
108	MP3C	Z	0	0	0	%100
109	MP2C	X	2.929	2.929	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	2.929	2.929	0	%100
112	MP1C	Z	0	0	0	%100
113	MP4B	X	2.929	2.929	0	%100
114	MP4B	Z	0	0	0	%100
115	MP3B	X	2.929	2.929	0	%100
116	MP3B	Z	0	0	0	%100
117	MP2B	X	2.929	2.929	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	2.929	2.929	0	%100
120	MP1B	Z	0	0	0	%100
121	M128	X	2.929	2.929	0	%100
122	M128	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	.785	.785	0	%100
2	M1	Z	.453	.453	0	%100
3	M4	X	2.377	2.377	0	%100
4	M4	Z	1.373	1.373	0	%100
5	M10	X	.644	.644	0	%100
6	M10	Z	.372	.372	0	%100
7	M43	X	.644	.644	0	%100
8	M43	Z	.372	.372	0	%100
9	M46	X	.326	.326	0	%100
10	M46	Z	.188	.188	0	%100
11	M51B	X	.741	.741	0	%100
12	M51B	Z	.428	.428	0	%100
13	M52B	X	2.962	2.962	0	%100
14	M52B	Z	1.71	1.71	0	%100
15	M76	X	2.967	2.967	0	%100
16	M76	Z	1.713	1.713	0	%100
17	M77	X	1.004	1.004	0	%100
18	M77	Z	.58	.58	0	%100
19	M80	X	.287	.287	0	%100
20	M80	Z	.166	.166	0	%100
21	M84	X	2.967	2.967	0	%100
22	M84	Z	1.713	1.713	0	%100
23	M85	X	4.016	4.016	0	%100
24	M85	Z	2.319	2.319	0	%100
25	M91	X	1.148	1.148	0	%100
26	M91	Z	.663	.663	0	%100
27	M52A	X	2.377	2.377	0	%100
28	M52A	Z	1.373	1.373	0	%100
29	M53	X	.644	.644	0	%100
30	M53	Z	.372	.372	0	%100
31	M54	X	.644	.644	0	%100
32	M54	Z	.372	.372	0	%100
33	M55	X	.326	.326	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,%]
34	M55	Z	.188	.188	0	%100
35	M58A	X	2.962	2.962	0	%100
36	M58A	Z	1.71	1.71	0	%100
37	M59A	X	.741	.741	0	%100
38	M59A	Z	.428	.428	0	%100
39	M63	X	2.967	2.967	0	%100
40	M63	Z	1.713	1.713	0	%100
41	M64	X	4.016	4.016	0	%100
42	M64	Z	2.319	2.319	0	%100
43	M66	X	1.148	1.148	0	%100
44	M66	Z	.663	.663	0	%100
45	M68	X	2.967	2.967	0	%100
46	M68	Z	1.713	1.713	0	%100
47	M69	X	1.004	1.004	0	%100
48	M69	Z	.58	.58	0	%100
49	M71	X	.287	.287	0	%100
50	M71	Z	.166	.166	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	2.575	2.575	0	%100
54	M77A	Z	1.487	1.487	0	%100
55	M78	X	2.575	2.575	0	%100
56	M78	Z	1.487	1.487	0	%100
57	M79A	X	1.303	1.303	0	%100
58	M79A	Z	.752	.752	0	%100
59	M82	X	.741	.741	0	%100
60	M82	Z	.428	.428	0	%100
61	M83A	X	.741	.741	0	%100
62	M83A	Z	.428	.428	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	1.004	1.004	0	%100
66	M88A	Z	.58	.58	0	%100
67	M90	X	.287	.287	0	%100
68	M90	Z	.166	.166	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	1.004	1.004	0	%100
72	M93	Z	.58	.58	0	%100
73	M95	X	.287	.287	0	%100
74	M95	Z	.166	.166	0	%100
75	M82A	X	.785	.785	0	%100
76	M82A	Z	.453	.453	0	%100
77	M91B	X	3.14	3.14	0	%100
78	M91B	Z	1.813	1.813	0	%100
79	M102	X	.634	.634	0	%100
80	M102	Z	.366	.366	0	%100
81	M112	X	.634	.634	0	%100
82	M112	Z	.366	.366	0	%100
83	M113	X	2.537	2.537	0	%100
84	M113	Z	1.465	1.465	0	%100
85	M87A	X	.736	.736	0	%100
86	M87A	Z	.425	.425	0	%100
87	M88B	X	2.945	2.945	0	%100
88	M88B	Z	1.7	1.7	0	%100
89	M89A	X	.736	.736	0	%100
90	M89A	Z	.425	.425	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,%]
91	M89B	X	2.007	2.007	0	%100
92	M89B	Z	1.159	1.159	0	%100
93	M90A	X	2.007	2.007	0	%100
94	M90A	Z	1.159	1.159	0	%100
95	M91C	X	.969	.969	0	%100
96	M91C	Z	.559	.559	0	%100
97	MP4A	X	2.537	2.537	0	%100
98	MP4A	Z	1.465	1.465	0	%100
99	MP3A	X	2.537	2.537	0	%100
100	MP3A	Z	1.465	1.465	0	%100
101	MP2A	X	2.537	2.537	0	%100
102	MP2A	Z	1.465	1.465	0	%100
103	MP1A	X	2.537	2.537	0	%100
104	MP1A	Z	1.465	1.465	0	%100
105	MP4C	X	2.537	2.537	0	%100
106	MP4C	Z	1.465	1.465	0	%100
107	MP3C	X	2.537	2.537	0	%100
108	MP3C	Z	1.465	1.465	0	%100
109	MP2C	X	2.537	2.537	0	%100
110	MP2C	Z	1.465	1.465	0	%100
111	MP1C	X	2.537	2.537	0	%100
112	MP1C	Z	1.465	1.465	0	%100
113	MP4B	X	2.537	2.537	0	%100
114	MP4B	Z	1.465	1.465	0	%100
115	MP3B	X	2.537	2.537	0	%100
116	MP3B	Z	1.465	1.465	0	%100
117	MP2B	X	2.537	2.537	0	%100
118	MP2B	Z	1.465	1.465	0	%100
119	MP1B	X	2.537	2.537	0	%100
120	MP1B	Z	1.465	1.465	0	%100
121	M128	X	2.537	2.537	0	%100
122	M128	Z	1.465	1.465	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.36	1.36	0	%100
2	M1	Z	2.355	2.355	0	%100
3	M4	X	.458	.458	0	%100
4	M4	Z	.792	.792	0	%100
5	M10	X	1.115	1.115	0	%100
6	M10	Z	1.932	1.932	0	%100
7	M43	X	1.115	1.115	0	%100
8	M43	Z	1.932	1.932	0	%100
9	M46	X	.564	.564	0	%100
10	M46	Z	.977	.977	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	1.283	1.283	0	%100
14	M52B	Z	2.222	2.222	0	%100
15	M76	X	.571	.571	0	%100
16	M76	Z	.989	.989	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.571	.571	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,%]
22	M84	Z	.989	.989	0	%100
23	M85	X	1.739	1.739	0	%100
24	M85	Z	3.012	3.012	0	%100
25	M91	X	.497	.497	0	%100
26	M91	Z	.861	.861	0	%100
27	M52A	X	1.83	1.83	0	%100
28	M52A	Z	3.17	3.17	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	1.283	1.283	0	%100
36	M58A	Z	2.222	2.222	0	%100
37	M59A	X	1.283	1.283	0	%100
38	M59A	Z	2.222	2.222	0	%100
39	M63	X	2.284	2.284	0	%100
40	M63	Z	3.956	3.956	0	%100
41	M64	X	1.739	1.739	0	%100
42	M64	Z	3.012	3.012	0	%100
43	M66	X	.497	.497	0	%100
44	M66	Z	.861	.861	0	%100
45	M68	X	2.284	2.284	0	%100
46	M68	Z	3.956	3.956	0	%100
47	M69	X	1.739	1.739	0	%100
48	M69	Z	3.012	3.012	0	%100
49	M71	X	.497	.497	0	%100
50	M71	Z	.861	.861	0	%100
51	M76A	X	.458	.458	0	%100
52	M76A	Z	.792	.792	0	%100
53	M77A	X	1.115	1.115	0	%100
54	M77A	Z	1.932	1.932	0	%100
55	M78	X	1.115	1.115	0	%100
56	M78	Z	1.932	1.932	0	%100
57	M79A	X	.564	.564	0	%100
58	M79A	Z	.977	.977	0	%100
59	M82	X	1.283	1.283	0	%100
60	M82	Z	2.222	2.222	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	.571	.571	0	%100
64	M87	Z	.989	.989	0	%100
65	M88A	X	1.739	1.739	0	%100
66	M88A	Z	3.012	3.012	0	%100
67	M90	X	.497	.497	0	%100
68	M90	Z	.861	.861	0	%100
69	M92A	X	.571	.571	0	%100
70	M92A	Z	.989	.989	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	1.36	1.36	0	%100
78	M91B	Z	2.355	2.355	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,%]
79	M102	X	1.098	1.098	0	%100
80	M102	Z	1.902	1.902	0	%100
81	M112	X	0	0	0	%100
82	M112	Z	0	0	0	%100
83	M113	X	1.098	1.098	0	%100
84	M113	Z	1.902	1.902	0	%100
85	M87A	X	0	0	0	%100
86	M87A	Z	0	0	0	%100
87	M88B	X	1.275	1.275	0	%100
88	M88B	Z	2.209	2.209	0	%100
89	M89A	X	1.275	1.275	0	%100
90	M89A	Z	2.209	2.209	0	%100
91	M89B	X	.759	.759	0	%100
92	M89B	Z	1.315	1.315	0	%100
93	M90A	X	1.359	1.359	0	%100
94	M90A	Z	2.354	2.354	0	%100
95	M91C	X	.759	.759	0	%100
96	M91C	Z	1.315	1.315	0	%100
97	MP4A	X	1.465	1.465	0	%100
98	MP4A	Z	2.537	2.537	0	%100
99	MP3A	X	1.465	1.465	0	%100
100	MP3A	Z	2.537	2.537	0	%100
101	MP2A	X	1.465	1.465	0	%100
102	MP2A	Z	2.537	2.537	0	%100
103	MP1A	X	1.465	1.465	0	%100
104	MP1A	Z	2.537	2.537	0	%100
105	MP4C	X	1.465	1.465	0	%100
106	MP4C	Z	2.537	2.537	0	%100
107	MP3C	X	1.465	1.465	0	%100
108	MP3C	Z	2.537	2.537	0	%100
109	MP2C	X	1.465	1.465	0	%100
110	MP2C	Z	2.537	2.537	0	%100
111	MP1C	X	1.465	1.465	0	%100
112	MP1C	Z	2.537	2.537	0	%100
113	MP4B	X	1.465	1.465	0	%100
114	MP4B	Z	2.537	2.537	0	%100
115	MP3B	X	1.465	1.465	0	%100
116	MP3B	Z	2.537	2.537	0	%100
117	MP2B	X	1.465	1.465	0	%100
118	MP2B	Z	2.537	2.537	0	%100
119	MP1B	X	1.465	1.465	0	%100
120	MP1B	Z	2.537	2.537	0	%100
121	M128	X	1.465	1.465	0	%100
122	M128	Z	2.537	2.537	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.626	3.626	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	2.974	2.974	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	2.974	2.974	0	%100
9	M46	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,%]
10	M46	Z	1.504	1.504	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.855	.855	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.855	.855	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	1.159	1.159	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	.331	.331	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	1.159	1.159	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	.331	.331	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	2.745	2.745	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	.743	.743	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	.743	.743	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	.376	.376	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	.855	.855	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	3.42	3.42	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	3.426	3.426	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	1.159	1.159	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	.331	.331	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	3.426	3.426	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	4.637	4.637	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	1.325	1.325	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	2.745	2.745	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	.743	.743	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	.743	.743	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	.376	.376	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	3.42	3.42	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	.855	.855	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	3.426	3.426	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	4.637	4.637	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,%]
67	M90	X	0	0	0	%100
68	M90	Z	1.325	1.325	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	3.426	3.426	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	1.159	1.159	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	.331	.331	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	.907	.907	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	.907	.907	0	%100
79	M102	X	0	0	0	%100
80	M102	Z	2.929	2.929	0	%100
81	M112	X	0	0	0	%100
82	M112	Z	.732	.732	0	%100
83	M113	X	0	0	0	%100
84	M113	Z	.732	.732	0	%100
85	M87A	X	0	0	0	%100
86	M87A	Z	.85	.85	0	%100
87	M88B	X	0	0	0	%100
88	M88B	Z	.85	.85	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	3.401	3.401	0	%100
91	M89B	X	0	0	0	%100
92	M89B	Z	1.119	1.119	0	%100
93	M90A	X	0	0	0	%100
94	M90A	Z	2.318	2.318	0	%100
95	M91C	X	0	0	0	%100
96	M91C	Z	2.318	2.318	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	2.929	2.929	0	%100
99	MP3A	X	0	0	0	%100
100	MP3A	Z	2.929	2.929	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	2.929	2.929	0	%100
103	MP1A	X	0	0	0	%100
104	MP1A	Z	2.929	2.929	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	2.929	2.929	0	%100
107	MP3C	X	0	0	0	%100
108	MP3C	Z	2.929	2.929	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	2.929	2.929	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	2.929	2.929	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	2.929	2.929	0	%100
115	MP3B	X	0	0	0	%100
116	MP3B	Z	2.929	2.929	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	2.929	2.929	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	2.929	2.929	0	%100
121	M128	X	0	0	0	%100
122	M128	Z	2.929	2.929	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.36	-1.36	0	%100
2	M1	Z	2.355	2.355	0	%100
3	M4	X	-.458	-.458	0	%100
4	M4	Z	.792	.792	0	%100
5	M10	X	-1.115	-1.115	0	%100
6	M10	Z	1.932	1.932	0	%100
7	M43	X	-1.115	-1.115	0	%100
8	M43	Z	1.932	1.932	0	%100
9	M46	X	-.564	-.564	0	%100
10	M46	Z	.977	.977	0	%100
11	M51B	X	-1.283	-1.283	0	%100
12	M51B	Z	2.222	2.222	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.571	-.571	0	%100
16	M76	Z	.989	.989	0	%100
17	M77	X	-1.739	-1.739	0	%100
18	M77	Z	3.012	3.012	0	%100
19	M80	X	-.497	-.497	0	%100
20	M80	Z	.861	.861	0	%100
21	M84	X	-.571	-.571	0	%100
22	M84	Z	.989	.989	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-.458	-.458	0	%100
28	M52A	Z	.792	.792	0	%100
29	M53	X	-1.115	-1.115	0	%100
30	M53	Z	1.932	1.932	0	%100
31	M54	X	-1.115	-1.115	0	%100
32	M54	Z	1.932	1.932	0	%100
33	M55	X	-.564	-.564	0	%100
34	M55	Z	.977	.977	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	-1.283	-1.283	0	%100
38	M59A	Z	2.222	2.222	0	%100
39	M63	X	-.571	-.571	0	%100
40	M63	Z	.989	.989	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-.571	-.571	0	%100
46	M68	Z	.989	.989	0	%100
47	M69	X	-1.739	-1.739	0	%100
48	M69	Z	3.012	3.012	0	%100
49	M71	X	-.497	-.497	0	%100
50	M71	Z	.861	.861	0	%100
51	M76A	X	-1.83	-1.83	0	%100
52	M76A	Z	3.17	3.17	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M79A	Z	0	0	0	%100
59	M82	X	-1.283	-1.283	0	%100
60	M82	Z	2.222	2.222	0	%100
61	M83A	X	-1.283	-1.283	0	%100
62	M83A	Z	2.222	2.222	0	%100
63	M87	X	-2.284	-2.284	0	%100
64	M87	Z	3.956	3.956	0	%100
65	M88A	X	-1.739	-1.739	0	%100
66	M88A	Z	3.012	3.012	0	%100
67	M90	X	-.497	-.497	0	%100
68	M90	Z	.861	.861	0	%100
69	M92A	X	-2.284	-2.284	0	%100
70	M92A	Z	3.956	3.956	0	%100
71	M93	X	-1.739	-1.739	0	%100
72	M93	Z	3.012	3.012	0	%100
73	M95	X	-.497	-.497	0	%100
74	M95	Z	.861	.861	0	%100
75	M82A	X	-1.36	-1.36	0	%100
76	M82A	Z	2.355	2.355	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	M102	X	-1.098	-1.098	0	%100
80	M102	Z	1.902	1.902	0	%100
81	M112	X	-1.098	-1.098	0	%100
82	M112	Z	1.902	1.902	0	%100
83	M113	X	0	0	0	%100
84	M113	Z	0	0	0	%100
85	M87A	X	-1.275	-1.275	0	%100
86	M87A	Z	2.209	2.209	0	%100
87	M88B	X	0	0	0	%100
88	M88B	Z	0	0	0	%100
89	M89A	X	-1.275	-1.275	0	%100
90	M89A	Z	2.209	2.209	0	%100
91	M89B	X	-.759	-.759	0	%100
92	M89B	Z	1.315	1.315	0	%100
93	M90A	X	-.759	-.759	0	%100
94	M90A	Z	1.315	1.315	0	%100
95	M91C	X	-1.359	-1.359	0	%100
96	M91C	Z	2.354	2.354	0	%100
97	MP4A	X	-1.465	-1.465	0	%100
98	MP4A	Z	2.537	2.537	0	%100
99	MP3A	X	-1.465	-1.465	0	%100
100	MP3A	Z	2.537	2.537	0	%100
101	MP2A	X	-1.465	-1.465	0	%100
102	MP2A	Z	2.537	2.537	0	%100
103	MP1A	X	-1.465	-1.465	0	%100
104	MP1A	Z	2.537	2.537	0	%100
105	MP4C	X	-1.465	-1.465	0	%100
106	MP4C	Z	2.537	2.537	0	%100
107	MP3C	X	-1.465	-1.465	0	%100
108	MP3C	Z	2.537	2.537	0	%100
109	MP2C	X	-1.465	-1.465	0	%100
110	MP2C	Z	2.537	2.537	0	%100
111	MP1C	X	-1.465	-1.465	0	%100
112	MP1C	Z	2.537	2.537	0	%100
113	MP4B	X	-1.465	-1.465	0	%100
114	MP4B	Z	2.537	2.537	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,%]
115	MP3B	X	-1.465	-1.465	0	%100
116	MP3B	Z	2.537	2.537	0	%100
117	MP2B	X	-1.465	-1.465	0	%100
118	MP2B	Z	2.537	2.537	0	%100
119	MP1B	X	-1.465	-1.465	0	%100
120	MP1B	Z	2.537	2.537	0	%100
121	M128	X	-1.465	-1.465	0	%100
122	M128	Z	2.537	2.537	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	-.785	-.785	0	%100
2	M1	Z	.453	.453	0	%100
3	M4	X	-2.377	-2.377	0	%100
4	M4	Z	1.373	1.373	0	%100
5	M10	X	-.644	-.644	0	%100
6	M10	Z	.372	.372	0	%100
7	M43	X	-.644	-.644	0	%100
8	M43	Z	.372	.372	0	%100
9	M46	X	-.326	-.326	0	%100
10	M46	Z	.188	.188	0	%100
11	M51B	X	-2.962	-2.962	0	%100
12	M51B	Z	1.71	1.71	0	%100
13	M52B	X	-.741	-.741	0	%100
14	M52B	Z	.428	.428	0	%100
15	M76	X	-2.967	-2.967	0	%100
16	M76	Z	1.713	1.713	0	%100
17	M77	X	-4.016	-4.016	0	%100
18	M77	Z	2.319	2.319	0	%100
19	M80	X	-1.148	-1.148	0	%100
20	M80	Z	.663	.663	0	%100
21	M84	X	-2.967	-2.967	0	%100
22	M84	Z	1.713	1.713	0	%100
23	M85	X	-1.004	-1.004	0	%100
24	M85	Z	.58	.58	0	%100
25	M91	X	-.287	-.287	0	%100
26	M91	Z	.166	.166	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	-2.575	-2.575	0	%100
30	M53	Z	1.487	1.487	0	%100
31	M54	X	-2.575	-2.575	0	%100
32	M54	Z	1.487	1.487	0	%100
33	M55	X	-1.303	-1.303	0	%100
34	M55	Z	.752	.752	0	%100
35	M58A	X	-.741	-.741	0	%100
36	M58A	Z	.428	.428	0	%100
37	M59A	X	-.741	-.741	0	%100
38	M59A	Z	.428	.428	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-1.004	-1.004	0	%100
42	M64	Z	.58	.58	0	%100
43	M66	X	-.287	-.287	0	%100
44	M66	Z	.166	.166	0	%100
45	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M68	Z	0	0	0	%100
47	M69	X	-1.004	-1.004	0	%100
48	M69	Z	.58	.58	0	%100
49	M71	X	-.287	-.287	0	%100
50	M71	Z	.166	.166	0	%100
51	M76A	X	-2.377	-2.377	0	%100
52	M76A	Z	1.373	1.373	0	%100
53	M77A	X	-.644	-.644	0	%100
54	M77A	Z	.372	.372	0	%100
55	M78	X	-.644	-.644	0	%100
56	M78	Z	.372	.372	0	%100
57	M79A	X	-.326	-.326	0	%100
58	M79A	Z	.188	.188	0	%100
59	M82	X	-.741	-.741	0	%100
60	M82	Z	.428	.428	0	%100
61	M83A	X	-2.962	-2.962	0	%100
62	M83A	Z	1.71	1.71	0	%100
63	M87	X	-2.967	-2.967	0	%100
64	M87	Z	1.713	1.713	0	%100
65	M88A	X	-1.004	-1.004	0	%100
66	M88A	Z	.58	.58	0	%100
67	M90	X	-.287	-.287	0	%100
68	M90	Z	.166	.166	0	%100
69	M92A	X	-2.967	-2.967	0	%100
70	M92A	Z	1.713	1.713	0	%100
71	M93	X	-4.016	-4.016	0	%100
72	M93	Z	2.319	2.319	0	%100
73	M95	X	-1.148	-1.148	0	%100
74	M95	Z	.663	.663	0	%100
75	M82A	X	-3.14	-3.14	0	%100
76	M82A	Z	1.813	1.813	0	%100
77	M91B	X	-.785	-.785	0	%100
78	M91B	Z	.453	.453	0	%100
79	M102	X	-.634	-.634	0	%100
80	M102	Z	.366	.366	0	%100
81	M112	X	-2.537	-2.537	0	%100
82	M112	Z	1.465	1.465	0	%100
83	M113	X	-.634	-.634	0	%100
84	M113	Z	.366	.366	0	%100
85	M87A	X	-2.945	-2.945	0	%100
86	M87A	Z	1.7	1.7	0	%100
87	M88B	X	-.736	-.736	0	%100
88	M88B	Z	.425	.425	0	%100
89	M89A	X	-.736	-.736	0	%100
90	M89A	Z	.425	.425	0	%100
91	M89B	X	-2.007	-2.007	0	%100
92	M89B	Z	1.159	1.159	0	%100
93	M90A	X	-.969	-.969	0	%100
94	M90A	Z	.559	.559	0	%100
95	M91C	X	-2.007	-2.007	0	%100
96	M91C	Z	1.159	1.159	0	%100
97	MP4A	X	-2.537	-2.537	0	%100
98	MP4A	Z	1.465	1.465	0	%100
99	MP3A	X	-2.537	-2.537	0	%100
100	MP3A	Z	1.465	1.465	0	%100
101	MP2A	X	-2.537	-2.537	0	%100
102	MP2A	Z	1.465	1.465	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,%]
103	MP1A	X	-2.537	-2.537	0	%100
104	MP1A	Z	1.465	1.465	0	%100
105	MP4C	X	-2.537	-2.537	0	%100
106	MP4C	Z	1.465	1.465	0	%100
107	MP3C	X	-2.537	-2.537	0	%100
108	MP3C	Z	1.465	1.465	0	%100
109	MP2C	X	-2.537	-2.537	0	%100
110	MP2C	Z	1.465	1.465	0	%100
111	MP1C	X	-2.537	-2.537	0	%100
112	MP1C	Z	1.465	1.465	0	%100
113	MP4B	X	-2.537	-2.537	0	%100
114	MP4B	Z	1.465	1.465	0	%100
115	MP3B	X	-2.537	-2.537	0	%100
116	MP3B	Z	1.465	1.465	0	%100
117	MP2B	X	-2.537	-2.537	0	%100
118	MP2B	Z	1.465	1.465	0	%100
119	MP1B	X	-2.537	-2.537	0	%100
120	MP1B	Z	1.465	1.465	0	%100
121	M128	X	-2.537	-2.537	0	%100
122	M128	Z	1.465	1.465	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.66	-3.66	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-2.565	-2.565	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-2.565	-2.565	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-4.568	-4.568	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-3.478	-3.478	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-.994	-.994	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-4.568	-4.568	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-3.478	-3.478	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-.994	-.994	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-.915	-.915	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	-2.23	-2.23	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	-2.23	-2.23	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	-1.128	-1.128	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,%]
34	M55	Z	0	0	0	%100
35	M58A	X	-2.565	-2.565	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-1.142	-1.142	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-3.478	-3.478	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	-.994	-.994	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-1.142	-1.142	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-.915	-.915	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	-2.23	-2.23	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	-2.23	-2.23	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	-1.128	-1.128	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	-2.565	-2.565	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-1.142	-1.142	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-1.142	-1.142	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	-3.478	-3.478	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	-.994	-.994	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	-2.72	-2.72	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	-2.72	-2.72	0	%100
78	M91B	Z	0	0	0	%100
79	M102	X	0	0	0	%100
80	M102	Z	0	0	0	%100
81	M112	X	-2.197	-2.197	0	%100
82	M112	Z	0	0	0	%100
83	M113	X	-2.197	-2.197	0	%100
84	M113	Z	0	0	0	%100
85	M87A	X	-2.551	-2.551	0	%100
86	M87A	Z	0	0	0	%100
87	M88B	X	-2.551	-2.551	0	%100
88	M88B	Z	0	0	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	M89B	X	-2.718	-2.718	0	%100
92	M89B	Z	0	0	0	%100
93	M90A	X	-1.519	-1.519	0	%100
94	M90A	Z	0	0	0	%100
95	M91C	X	-1.519	-1.519	0	%100
96	M91C	Z	0	0	0	%100
97	MP4A	X	-2.929	-2.929	0	%100
98	MP4A	Z	0	0	0	%100
99	MP3A	X	-2.929	-2.929	0	%100
100	MP3A	Z	0	0	0	%100
101	MP2A	X	-2.929	-2.929	0	%100
102	MP2A	Z	0	0	0	%100
103	MP1A	X	-2.929	-2.929	0	%100
104	MP1A	Z	0	0	0	%100
105	MP4C	X	-2.929	-2.929	0	%100
106	MP4C	Z	0	0	0	%100
107	MP3C	X	-2.929	-2.929	0	%100
108	MP3C	Z	0	0	0	%100
109	MP2C	X	-2.929	-2.929	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	-2.929	-2.929	0	%100
112	MP1C	Z	0	0	0	%100
113	MP4B	X	-2.929	-2.929	0	%100
114	MP4B	Z	0	0	0	%100
115	MP3B	X	-2.929	-2.929	0	%100
116	MP3B	Z	0	0	0	%100
117	MP2B	X	-2.929	-2.929	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	-2.929	-2.929	0	%100
120	MP1B	Z	0	0	0	%100
121	M128	X	-2.929	-2.929	0	%100
122	M128	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	-.785	-.785	0	%100
2	M1	Z	-.453	-.453	0	%100
3	M4	X	-2.377	-2.377	0	%100
4	M4	Z	-1.373	-1.373	0	%100
5	M10	X	-.644	-.644	0	%100
6	M10	Z	-.372	-.372	0	%100
7	M43	X	-.644	-.644	0	%100
8	M43	Z	-.372	-.372	0	%100
9	M46	X	-.326	-.326	0	%100
10	M46	Z	-.188	-.188	0	%100
11	M51B	X	-.741	-.741	0	%100
12	M51B	Z	-.428	-.428	0	%100
13	M52B	X	-2.962	-2.962	0	%100
14	M52B	Z	-1.71	-1.71	0	%100
15	M76	X	-2.967	-2.967	0	%100
16	M76	Z	-1.713	-1.713	0	%100
17	M77	X	-1.004	-1.004	0	%100
18	M77	Z	-.58	-.58	0	%100
19	M80	X	-.287	-.287	0	%100
20	M80	Z	-.166	-.166	0	%100
21	M84	X	-2.967	-2.967	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,%]
22	M84	Z	-1.713	-1.713	0	%100
23	M85	X	-4.016	-4.016	0	%100
24	M85	Z	-2.319	-2.319	0	%100
25	M91	X	-1.148	-1.148	0	%100
26	M91	Z	-.663	-.663	0	%100
27	M52A	X	-2.377	-2.377	0	%100
28	M52A	Z	-1.373	-1.373	0	%100
29	M53	X	-.644	-.644	0	%100
30	M53	Z	-.372	-.372	0	%100
31	M54	X	-.644	-.644	0	%100
32	M54	Z	-.372	-.372	0	%100
33	M55	X	-.326	-.326	0	%100
34	M55	Z	-.188	-.188	0	%100
35	M58A	X	-2.962	-2.962	0	%100
36	M58A	Z	-1.71	-1.71	0	%100
37	M59A	X	-.741	-.741	0	%100
38	M59A	Z	-.428	-.428	0	%100
39	M63	X	-2.967	-2.967	0	%100
40	M63	Z	-1.713	-1.713	0	%100
41	M64	X	-4.016	-4.016	0	%100
42	M64	Z	-2.319	-2.319	0	%100
43	M66	X	-1.148	-1.148	0	%100
44	M66	Z	-.663	-.663	0	%100
45	M68	X	-2.967	-2.967	0	%100
46	M68	Z	-1.713	-1.713	0	%100
47	M69	X	-1.004	-1.004	0	%100
48	M69	Z	-.58	-.58	0	%100
49	M71	X	-.287	-.287	0	%100
50	M71	Z	-.166	-.166	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	-2.575	-2.575	0	%100
54	M77A	Z	-1.487	-1.487	0	%100
55	M78	X	-2.575	-2.575	0	%100
56	M78	Z	-1.487	-1.487	0	%100
57	M79A	X	-1.303	-1.303	0	%100
58	M79A	Z	-.752	-.752	0	%100
59	M82	X	-.741	-.741	0	%100
60	M82	Z	-.428	-.428	0	%100
61	M83A	X	-.741	-.741	0	%100
62	M83A	Z	-.428	-.428	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	-1.004	-1.004	0	%100
66	M88A	Z	-.58	-.58	0	%100
67	M90	X	-.287	-.287	0	%100
68	M90	Z	-.166	-.166	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	-1.004	-1.004	0	%100
72	M93	Z	-.58	-.58	0	%100
73	M95	X	-.287	-.287	0	%100
74	M95	Z	-.166	-.166	0	%100
75	M82A	X	-.785	-.785	0	%100
76	M82A	Z	-.453	-.453	0	%100
77	M91B	X	-3.14	-3.14	0	%100
78	M91B	Z	-1.813	-1.813	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,%]
79	M102	X	-.634	-.634	0	%100
80	M102	Z	-.366	-.366	0	%100
81	M112	X	-.634	-.634	0	%100
82	M112	Z	-.366	-.366	0	%100
83	M113	X	-2.537	-2.537	0	%100
84	M113	Z	-1.465	-1.465	0	%100
85	M87A	X	-.736	-.736	0	%100
86	M87A	Z	-.425	-.425	0	%100
87	M88B	X	-2.945	-2.945	0	%100
88	M88B	Z	-1.7	-1.7	0	%100
89	M89A	X	-.736	-.736	0	%100
90	M89A	Z	-.425	-.425	0	%100
91	M89B	X	-2.007	-2.007	0	%100
92	M89B	Z	-1.159	-1.159	0	%100
93	M90A	X	-2.007	-2.007	0	%100
94	M90A	Z	-1.159	-1.159	0	%100
95	M91C	X	-.969	-.969	0	%100
96	M91C	Z	-.559	-.559	0	%100
97	MP4A	X	-2.537	-2.537	0	%100
98	MP4A	Z	-1.465	-1.465	0	%100
99	MP3A	X	-2.537	-2.537	0	%100
100	MP3A	Z	-1.465	-1.465	0	%100
101	MP2A	X	-2.537	-2.537	0	%100
102	MP2A	Z	-1.465	-1.465	0	%100
103	MP1A	X	-2.537	-2.537	0	%100
104	MP1A	Z	-1.465	-1.465	0	%100
105	MP4C	X	-2.537	-2.537	0	%100
106	MP4C	Z	-1.465	-1.465	0	%100
107	MP3C	X	-2.537	-2.537	0	%100
108	MP3C	Z	-1.465	-1.465	0	%100
109	MP2C	X	-2.537	-2.537	0	%100
110	MP2C	Z	-1.465	-1.465	0	%100
111	MP1C	X	-2.537	-2.537	0	%100
112	MP1C	Z	-1.465	-1.465	0	%100
113	MP4B	X	-2.537	-2.537	0	%100
114	MP4B	Z	-1.465	-1.465	0	%100
115	MP3B	X	-2.537	-2.537	0	%100
116	MP3B	Z	-1.465	-1.465	0	%100
117	MP2B	X	-2.537	-2.537	0	%100
118	MP2B	Z	-1.465	-1.465	0	%100
119	MP1B	X	-2.537	-2.537	0	%100
120	MP1B	Z	-1.465	-1.465	0	%100
121	M128	X	-2.537	-2.537	0	%100
122	M128	Z	-1.465	-1.465	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.36	-1.36	0	%100
2	M1	Z	-2.355	-2.355	0	%100
3	M4	X	-.458	-.458	0	%100
4	M4	Z	-.792	-.792	0	%100
5	M10	X	-1.115	-1.115	0	%100
6	M10	Z	-1.932	-1.932	0	%100
7	M43	X	-1.115	-1.115	0	%100
8	M43	Z	-1.932	-1.932	0	%100
9	M46	X	-.564	-.564	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,%]
10	M46	Z	-.977	-.977	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-1.283	-1.283	0	%100
14	M52B	Z	-2.222	-2.222	0	%100
15	M76	X	-.571	-.571	0	%100
16	M76	Z	-.989	-.989	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-.571	-.571	0	%100
22	M84	Z	-.989	-.989	0	%100
23	M85	X	-1.739	-1.739	0	%100
24	M85	Z	-3.012	-3.012	0	%100
25	M91	X	-.497	-.497	0	%100
26	M91	Z	-.861	-.861	0	%100
27	M52A	X	-1.83	-1.83	0	%100
28	M52A	Z	-3.17	-3.17	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	-1.283	-1.283	0	%100
36	M58A	Z	-2.222	-2.222	0	%100
37	M59A	X	-1.283	-1.283	0	%100
38	M59A	Z	-2.222	-2.222	0	%100
39	M63	X	-2.284	-2.284	0	%100
40	M63	Z	-3.956	-3.956	0	%100
41	M64	X	-1.739	-1.739	0	%100
42	M64	Z	-3.012	-3.012	0	%100
43	M66	X	-.497	-.497	0	%100
44	M66	Z	-.861	-.861	0	%100
45	M68	X	-2.284	-2.284	0	%100
46	M68	Z	-3.956	-3.956	0	%100
47	M69	X	-1.739	-1.739	0	%100
48	M69	Z	-3.012	-3.012	0	%100
49	M71	X	-.497	-.497	0	%100
50	M71	Z	-.861	-.861	0	%100
51	M76A	X	-.458	-.458	0	%100
52	M76A	Z	-.792	-.792	0	%100
53	M77A	X	-1.115	-1.115	0	%100
54	M77A	Z	-1.932	-1.932	0	%100
55	M78	X	-1.115	-1.115	0	%100
56	M78	Z	-1.932	-1.932	0	%100
57	M79A	X	-.564	-.564	0	%100
58	M79A	Z	-.977	-.977	0	%100
59	M82	X	-1.283	-1.283	0	%100
60	M82	Z	-2.222	-2.222	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-.571	-.571	0	%100
64	M87	Z	-.989	-.989	0	%100
65	M88A	X	-1.739	-1.739	0	%100
66	M88A	Z	-3.012	-3.012	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,%]
67	M90	X	-.497	-.497	0	%100
68	M90	Z	-.861	-.861	0	%100
69	M92A	X	-.571	-.571	0	%100
70	M92A	Z	-.989	-.989	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	-1.36	-1.36	0	%100
78	M91B	Z	-2.355	-2.355	0	%100
79	M102	X	-1.098	-1.098	0	%100
80	M102	Z	-1.902	-1.902	0	%100
81	M112	X	0	0	0	%100
82	M112	Z	0	0	0	%100
83	M113	X	-1.098	-1.098	0	%100
84	M113	Z	-1.902	-1.902	0	%100
85	M87A	X	0	0	0	%100
86	M87A	Z	0	0	0	%100
87	M88B	X	-1.275	-1.275	0	%100
88	M88B	Z	-2.209	-2.209	0	%100
89	M89A	X	-1.275	-1.275	0	%100
90	M89A	Z	-2.209	-2.209	0	%100
91	M89B	X	-.759	-.759	0	%100
92	M89B	Z	-1.315	-1.315	0	%100
93	M90A	X	-1.359	-1.359	0	%100
94	M90A	Z	-2.354	-2.354	0	%100
95	M91C	X	-.759	-.759	0	%100
96	M91C	Z	-1.315	-1.315	0	%100
97	MP4A	X	-1.465	-1.465	0	%100
98	MP4A	Z	-2.537	-2.537	0	%100
99	MP3A	X	-1.465	-1.465	0	%100
100	MP3A	Z	-2.537	-2.537	0	%100
101	MP2A	X	-1.465	-1.465	0	%100
102	MP2A	Z	-2.537	-2.537	0	%100
103	MP1A	X	-1.465	-1.465	0	%100
104	MP1A	Z	-2.537	-2.537	0	%100
105	MP4C	X	-1.465	-1.465	0	%100
106	MP4C	Z	-2.537	-2.537	0	%100
107	MP3C	X	-1.465	-1.465	0	%100
108	MP3C	Z	-2.537	-2.537	0	%100
109	MP2C	X	-1.465	-1.465	0	%100
110	MP2C	Z	-2.537	-2.537	0	%100
111	MP1C	X	-1.465	-1.465	0	%100
112	MP1C	Z	-2.537	-2.537	0	%100
113	MP4B	X	-1.465	-1.465	0	%100
114	MP4B	Z	-2.537	-2.537	0	%100
115	MP3B	X	-1.465	-1.465	0	%100
116	MP3B	Z	-2.537	-2.537	0	%100
117	MP2B	X	-1.465	-1.465	0	%100
118	MP2B	Z	-2.537	-2.537	0	%100
119	MP1B	X	-1.465	-1.465	0	%100
120	MP1B	Z	-2.537	-2.537	0	%100
121	M128	X	-1.465	-1.465	0	%100
122	M128	Z	-2.537	-2.537	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	-.781	-.781	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.671	-.671	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-.671	-.671	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-.209	-.209	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-.186	-.186	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-.186	-.186	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-.341	-.341	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-.043	-.043	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-.341	-.341	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-.043	-.043	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	-.595	-.595	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	-.168	-.168	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	-.168	-.168	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	-.052	-.052	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	-.186	-.186	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	-.743	-.743	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	-1.004	-1.004	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	-.341	-.341	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	-.043	-.043	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	-1.004	-1.004	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	-1.363	-1.363	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	-.171	-.171	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	-.595	-.595	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	-.168	-.168	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-.168	-.168	0	%100
57	M79A	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,%]
58	M79A	Z	-.052	-.052	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	-.743	-.743	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	-.186	-.186	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	-1.004	-1.004	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	-1.363	-1.363	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	-.171	-.171	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	-1.004	-1.004	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	-.341	-.341	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	-.043	-.043	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	-.195	-.195	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	-.195	-.195	0	%100
79	M102	X	0	0	0	%100
80	M102	Z	-.53	-.53	0	%100
81	M112	X	0	0	0	%100
82	M112	Z	-.132	-.132	0	%100
83	M113	X	0	0	0	%100
84	M113	Z	-.132	-.132	0	%100
85	M87A	X	0	0	0	%100
86	M87A	Z	-.225	-.225	0	%100
87	M88B	X	0	0	0	%100
88	M88B	Z	-.225	-.225	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	-.898	-.898	0	%100
91	M89B	X	0	0	0	%100
92	M89B	Z	-.202	-.202	0	%100
93	M90A	X	0	0	0	%100
94	M90A	Z	-.418	-.418	0	%100
95	M91C	X	0	0	0	%100
96	M91C	Z	-.418	-.418	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	-.53	-.53	0	%100
99	MP3A	X	0	0	0	%100
100	MP3A	Z	-.53	-.53	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	-.53	-.53	0	%100
103	MP1A	X	0	0	0	%100
104	MP1A	Z	-.53	-.53	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	-.53	-.53	0	%100
107	MP3C	X	0	0	0	%100
108	MP3C	Z	-.53	-.53	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-.53	-.53	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-.53	-.53	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	-.53	-.53	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,%]
115	MP3B	X	0	0	0	%100
116	MP3B	Z	-.53	-.53	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-.53	-.53	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-.53	-.53	0	%100
121	M128	X	0	0	0	%100
122	M128	Z	-.53	-.53	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	.293	.293	0	%100
2	M1	Z	-.507	-.507	0	%100
3	M4	X	.099	.099	0	%100
4	M4	Z	-.172	-.172	0	%100
5	M10	X	.252	.252	0	%100
6	M10	Z	-.436	-.436	0	%100
7	M43	X	.252	.252	0	%100
8	M43	Z	-.436	-.436	0	%100
9	M46	X	.078	.078	0	%100
10	M46	Z	-.136	-.136	0	%100
11	M51B	X	.279	.279	0	%100
12	M51B	Z	-.483	-.483	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.167	.167	0	%100
16	M76	Z	-.29	-.29	0	%100
17	M77	X	.511	.511	0	%100
18	M77	Z	-.886	-.886	0	%100
19	M80	X	.064	.064	0	%100
20	M80	Z	-.111	-.111	0	%100
21	M84	X	.167	.167	0	%100
22	M84	Z	-.29	-.29	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	.099	.099	0	%100
28	M52A	Z	-.172	-.172	0	%100
29	M53	X	.252	.252	0	%100
30	M53	Z	-.436	-.436	0	%100
31	M54	X	.252	.252	0	%100
32	M54	Z	-.436	-.436	0	%100
33	M55	X	.078	.078	0	%100
34	M55	Z	-.136	-.136	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	.279	.279	0	%100
38	M59A	Z	-.483	-.483	0	%100
39	M63	X	.167	.167	0	%100
40	M63	Z	-.29	-.29	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	.167	.167	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,%]
46	M68	Z	-.29	-.29	0	%100
47	M69	X	.511	.511	0	%100
48	M69	Z	-.886	-.886	0	%100
49	M71	X	.064	.064	0	%100
50	M71	Z	-.111	-.111	0	%100
51	M76A	X	.397	.397	0	%100
52	M76A	Z	-.687	-.687	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	.279	.279	0	%100
60	M82	Z	-.483	-.483	0	%100
61	M83A	X	.279	.279	0	%100
62	M83A	Z	-.483	-.483	0	%100
63	M87	X	.669	.669	0	%100
64	M87	Z	-1.159	-1.159	0	%100
65	M88A	X	.511	.511	0	%100
66	M88A	Z	-.886	-.886	0	%100
67	M90	X	.064	.064	0	%100
68	M90	Z	-.111	-.111	0	%100
69	M92A	X	.669	.669	0	%100
70	M92A	Z	-1.159	-1.159	0	%100
71	M93	X	.511	.511	0	%100
72	M93	Z	-.886	-.886	0	%100
73	M95	X	.064	.064	0	%100
74	M95	Z	-.111	-.111	0	%100
75	M82A	X	.293	.293	0	%100
76	M82A	Z	-.507	-.507	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	M102	X	.199	.199	0	%100
80	M102	Z	-.344	-.344	0	%100
81	M112	X	.199	.199	0	%100
82	M112	Z	-.344	-.344	0	%100
83	M113	X	0	0	0	%100
84	M113	Z	0	0	0	%100
85	M87A	X	.337	.337	0	%100
86	M87A	Z	-.583	-.583	0	%100
87	M88B	X	0	0	0	%100
88	M88B	Z	0	0	0	%100
89	M89A	X	.337	.337	0	%100
90	M89A	Z	-.583	-.583	0	%100
91	M89B	X	.137	.137	0	%100
92	M89B	Z	-.237	-.237	0	%100
93	M90A	X	.137	.137	0	%100
94	M90A	Z	-.237	-.237	0	%100
95	M91C	X	.245	.245	0	%100
96	M91C	Z	-.425	-.425	0	%100
97	MP4A	X	.265	.265	0	%100
98	MP4A	Z	-.459	-.459	0	%100
99	MP3A	X	.265	.265	0	%100
100	MP3A	Z	-.459	-.459	0	%100
101	MP2A	X	.265	.265	0	%100
102	MP2A	Z	-.459	-.459	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,%]
103	MP1A	X	.265	.265	0	%100
104	MP1A	Z	-.459	-.459	0	%100
105	MP4C	X	.265	.265	0	%100
106	MP4C	Z	-.459	-.459	0	%100
107	MP3C	X	.265	.265	0	%100
108	MP3C	Z	-.459	-.459	0	%100
109	MP2C	X	.265	.265	0	%100
110	MP2C	Z	-.459	-.459	0	%100
111	MP1C	X	.265	.265	0	%100
112	MP1C	Z	-.459	-.459	0	%100
113	MP4B	X	.265	.265	0	%100
114	MP4B	Z	-.459	-.459	0	%100
115	MP3B	X	.265	.265	0	%100
116	MP3B	Z	-.459	-.459	0	%100
117	MP2B	X	.265	.265	0	%100
118	MP2B	Z	-.459	-.459	0	%100
119	MP1B	X	.265	.265	0	%100
120	MP1B	Z	-.459	-.459	0	%100
121	M128	X	.265	.265	0	%100
122	M128	Z	-.459	-.459	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	.169	.169	0	%100
2	M1	Z	-.098	-.098	0	%100
3	M4	X	.515	.515	0	%100
4	M4	Z	-.297	-.297	0	%100
5	M10	X	.145	.145	0	%100
6	M10	Z	-.084	-.084	0	%100
7	M43	X	.145	.145	0	%100
8	M43	Z	-.084	-.084	0	%100
9	M46	X	.045	.045	0	%100
10	M46	Z	-.026	-.026	0	%100
11	M51B	X	.644	.644	0	%100
12	M51B	Z	-.372	-.372	0	%100
13	M52B	X	.161	.161	0	%100
14	M52B	Z	-.093	-.093	0	%100
15	M76	X	.869	.869	0	%100
16	M76	Z	-.502	-.502	0	%100
17	M77	X	1.181	1.181	0	%100
18	M77	Z	-.682	-.682	0	%100
19	M80	X	.148	.148	0	%100
20	M80	Z	-.086	-.086	0	%100
21	M84	X	.869	.869	0	%100
22	M84	Z	-.502	-.502	0	%100
23	M85	X	.295	.295	0	%100
24	M85	Z	-.17	-.17	0	%100
25	M91	X	.037	.037	0	%100
26	M91	Z	-.021	-.021	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	.581	.581	0	%100
30	M53	Z	-.336	-.336	0	%100
31	M54	X	.581	.581	0	%100
32	M54	Z	-.336	-.336	0	%100
33	M55	X	.181	.181	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,%]
34	M55	Z	-.104	-.104	0	%100
35	M58A	X	.161	.161	0	%100
36	M58A	Z	-.093	-.093	0	%100
37	M59A	X	.161	.161	0	%100
38	M59A	Z	-.093	-.093	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	.295	.295	0	%100
42	M64	Z	-.17	-.17	0	%100
43	M66	X	.037	.037	0	%100
44	M66	Z	-.021	-.021	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	.295	.295	0	%100
48	M69	Z	-.17	-.17	0	%100
49	M71	X	.037	.037	0	%100
50	M71	Z	-.021	-.021	0	%100
51	M76A	X	.515	.515	0	%100
52	M76A	Z	-.297	-.297	0	%100
53	M77A	X	.145	.145	0	%100
54	M77A	Z	-.084	-.084	0	%100
55	M78	X	.145	.145	0	%100
56	M78	Z	-.084	-.084	0	%100
57	M79A	X	.045	.045	0	%100
58	M79A	Z	-.026	-.026	0	%100
59	M82	X	.161	.161	0	%100
60	M82	Z	-.093	-.093	0	%100
61	M83A	X	.644	.644	0	%100
62	M83A	Z	-.372	-.372	0	%100
63	M87	X	.869	.869	0	%100
64	M87	Z	-.502	-.502	0	%100
65	M88A	X	.295	.295	0	%100
66	M88A	Z	-.17	-.17	0	%100
67	M90	X	.037	.037	0	%100
68	M90	Z	-.021	-.021	0	%100
69	M92A	X	.869	.869	0	%100
70	M92A	Z	-.502	-.502	0	%100
71	M93	X	1.181	1.181	0	%100
72	M93	Z	-.682	-.682	0	%100
73	M95	X	.148	.148	0	%100
74	M95	Z	-.086	-.086	0	%100
75	M82A	X	.676	.676	0	%100
76	M82A	Z	-.39	-.39	0	%100
77	M91B	X	.169	.169	0	%100
78	M91B	Z	-.098	-.098	0	%100
79	M102	X	.115	.115	0	%100
80	M102	Z	-.066	-.066	0	%100
81	M112	X	.459	.459	0	%100
82	M112	Z	-.265	-.265	0	%100
83	M113	X	.115	.115	0	%100
84	M113	Z	-.066	-.066	0	%100
85	M87A	X	.778	.778	0	%100
86	M87A	Z	-.449	-.449	0	%100
87	M88B	X	.194	.194	0	%100
88	M88B	Z	-.112	-.112	0	%100
89	M89A	X	.194	.194	0	%100
90	M89A	Z	-.112	-.112	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,%]
91	M89B	X	.362	.362	0	%100
92	M89B	Z	-.209	-.209	0	%100
93	M90A	X	.175	.175	0	%100
94	M90A	Z	-.101	-.101	0	%100
95	M91C	X	.362	.362	0	%100
96	M91C	Z	-.209	-.209	0	%100
97	MP4A	X	.459	.459	0	%100
98	MP4A	Z	-.265	-.265	0	%100
99	MP3A	X	.459	.459	0	%100
100	MP3A	Z	-.265	-.265	0	%100
101	MP2A	X	.459	.459	0	%100
102	MP2A	Z	-.265	-.265	0	%100
103	MP1A	X	.459	.459	0	%100
104	MP1A	Z	-.265	-.265	0	%100
105	MP4C	X	.459	.459	0	%100
106	MP4C	Z	-.265	-.265	0	%100
107	MP3C	X	.459	.459	0	%100
108	MP3C	Z	-.265	-.265	0	%100
109	MP2C	X	.459	.459	0	%100
110	MP2C	Z	-.265	-.265	0	%100
111	MP1C	X	.459	.459	0	%100
112	MP1C	Z	-.265	-.265	0	%100
113	MP4B	X	.459	.459	0	%100
114	MP4B	Z	-.265	-.265	0	%100
115	MP3B	X	.459	.459	0	%100
116	MP3B	Z	-.265	-.265	0	%100
117	MP2B	X	.459	.459	0	%100
118	MP2B	Z	-.265	-.265	0	%100
119	MP1B	X	.459	.459	0	%100
120	MP1B	Z	-.265	-.265	0	%100
121	M128	X	.459	.459	0	%100
122	M128	Z	-.265	-.265	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.793	.793	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	.557	.557	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.557	.557	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	1.339	1.339	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	1.023	1.023	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	.128	.128	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	1.339	1.339	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,%]
22	M84	Z	0	0	0	%100
23	M85	X	1.023	1.023	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	.128	.128	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	.198	.198	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	.503	.503	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	.503	.503	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	.157	.157	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	.557	.557	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	.335	.335	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	1.023	1.023	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	.128	.128	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	.335	.335	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	.198	.198	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	.503	.503	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	.503	.503	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	.157	.157	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	.557	.557	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	.335	.335	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	0	0	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	.335	.335	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	1.023	1.023	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	.128	.128	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	.586	.586	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	.586	.586	0	%100
78	M91B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M102	X	0	0	0	%100
80	M102	Z	0	0	0	%100
81	M112	X	.397	.397	0	%100
82	M112	Z	0	0	0	%100
83	M113	X	.397	.397	0	%100
84	M113	Z	0	0	0	%100
85	M87A	X	.674	.674	0	%100
86	M87A	Z	0	0	0	%100
87	M88B	X	.674	.674	0	%100
88	M88B	Z	0	0	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	0	0	0	%100
91	M89B	X	.491	.491	0	%100
92	M89B	Z	0	0	0	%100
93	M90A	X	.274	.274	0	%100
94	M90A	Z	0	0	0	%100
95	M91C	X	.274	.274	0	%100
96	M91C	Z	0	0	0	%100
97	MP4A	X	.53	.53	0	%100
98	MP4A	Z	0	0	0	%100
99	MP3A	X	.53	.53	0	%100
100	MP3A	Z	0	0	0	%100
101	MP2A	X	.53	.53	0	%100
102	MP2A	Z	0	0	0	%100
103	MP1A	X	.53	.53	0	%100
104	MP1A	Z	0	0	0	%100
105	MP4C	X	.53	.53	0	%100
106	MP4C	Z	0	0	0	%100
107	MP3C	X	.53	.53	0	%100
108	MP3C	Z	0	0	0	%100
109	MP2C	X	.53	.53	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	.53	.53	0	%100
112	MP1C	Z	0	0	0	%100
113	MP4B	X	.53	.53	0	%100
114	MP4B	Z	0	0	0	%100
115	MP3B	X	.53	.53	0	%100
116	MP3B	Z	0	0	0	%100
117	MP2B	X	.53	.53	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	.53	.53	0	%100
120	MP1B	Z	0	0	0	%100
121	M128	X	.53	.53	0	%100
122	M128	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	.169	.169	0	%100
2	M1	Z	.098	.098	0	%100
3	M4	X	.515	.515	0	%100
4	M4	Z	.297	.297	0	%100
5	M10	X	.145	.145	0	%100
6	M10	Z	.084	.084	0	%100
7	M43	X	.145	.145	0	%100
8	M43	Z	.084	.084	0	%100
9	M46	X	.045	.045	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,%]
10	M46	Z	.026	.026	0	%100
11	M51B	X	.161	.161	0	%100
12	M51B	Z	.093	.093	0	%100
13	M52B	X	.644	.644	0	%100
14	M52B	Z	.372	.372	0	%100
15	M76	X	.869	.869	0	%100
16	M76	Z	.502	.502	0	%100
17	M77	X	.295	.295	0	%100
18	M77	Z	.17	.17	0	%100
19	M80	X	.037	.037	0	%100
20	M80	Z	.021	.021	0	%100
21	M84	X	.869	.869	0	%100
22	M84	Z	.502	.502	0	%100
23	M85	X	1.181	1.181	0	%100
24	M85	Z	.682	.682	0	%100
25	M91	X	.148	.148	0	%100
26	M91	Z	.086	.086	0	%100
27	M52A	X	.515	.515	0	%100
28	M52A	Z	.297	.297	0	%100
29	M53	X	.145	.145	0	%100
30	M53	Z	.084	.084	0	%100
31	M54	X	.145	.145	0	%100
32	M54	Z	.084	.084	0	%100
33	M55	X	.045	.045	0	%100
34	M55	Z	.026	.026	0	%100
35	M58A	X	.644	.644	0	%100
36	M58A	Z	.372	.372	0	%100
37	M59A	X	.161	.161	0	%100
38	M59A	Z	.093	.093	0	%100
39	M63	X	.869	.869	0	%100
40	M63	Z	.502	.502	0	%100
41	M64	X	1.181	1.181	0	%100
42	M64	Z	.682	.682	0	%100
43	M66	X	.148	.148	0	%100
44	M66	Z	.086	.086	0	%100
45	M68	X	.869	.869	0	%100
46	M68	Z	.502	.502	0	%100
47	M69	X	.295	.295	0	%100
48	M69	Z	.17	.17	0	%100
49	M71	X	.037	.037	0	%100
50	M71	Z	.021	.021	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	.581	.581	0	%100
54	M77A	Z	.336	.336	0	%100
55	M78	X	.581	.581	0	%100
56	M78	Z	.336	.336	0	%100
57	M79A	X	.181	.181	0	%100
58	M79A	Z	.104	.104	0	%100
59	M82	X	.161	.161	0	%100
60	M82	Z	.093	.093	0	%100
61	M83A	X	.161	.161	0	%100
62	M83A	Z	.093	.093	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	.295	.295	0	%100
66	M88A	Z	.17	.17	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,%]
67	M90	X	.037	.037	0	%100
68	M90	Z	.021	.021	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	.295	.295	0	%100
72	M93	Z	.17	.17	0	%100
73	M95	X	.037	.037	0	%100
74	M95	Z	.021	.021	0	%100
75	M82A	X	.169	.169	0	%100
76	M82A	Z	.098	.098	0	%100
77	M91B	X	.676	.676	0	%100
78	M91B	Z	.39	.39	0	%100
79	M102	X	.115	.115	0	%100
80	M102	Z	.066	.066	0	%100
81	M112	X	.115	.115	0	%100
82	M112	Z	.066	.066	0	%100
83	M113	X	.459	.459	0	%100
84	M113	Z	.265	.265	0	%100
85	M87A	X	.194	.194	0	%100
86	M87A	Z	.112	.112	0	%100
87	M88B	X	.778	.778	0	%100
88	M88B	Z	.449	.449	0	%100
89	M89A	X	.194	.194	0	%100
90	M89A	Z	.112	.112	0	%100
91	M89B	X	.362	.362	0	%100
92	M89B	Z	.209	.209	0	%100
93	M90A	X	.362	.362	0	%100
94	M90A	Z	.209	.209	0	%100
95	M91C	X	.175	.175	0	%100
96	M91C	Z	.101	.101	0	%100
97	MP4A	X	.459	.459	0	%100
98	MP4A	Z	.265	.265	0	%100
99	MP3A	X	.459	.459	0	%100
100	MP3A	Z	.265	.265	0	%100
101	MP2A	X	.459	.459	0	%100
102	MP2A	Z	.265	.265	0	%100
103	MP1A	X	.459	.459	0	%100
104	MP1A	Z	.265	.265	0	%100
105	MP4C	X	.459	.459	0	%100
106	MP4C	Z	.265	.265	0	%100
107	MP3C	X	.459	.459	0	%100
108	MP3C	Z	.265	.265	0	%100
109	MP2C	X	.459	.459	0	%100
110	MP2C	Z	.265	.265	0	%100
111	MP1C	X	.459	.459	0	%100
112	MP1C	Z	.265	.265	0	%100
113	MP4B	X	.459	.459	0	%100
114	MP4B	Z	.265	.265	0	%100
115	MP3B	X	.459	.459	0	%100
116	MP3B	Z	.265	.265	0	%100
117	MP2B	X	.459	.459	0	%100
118	MP2B	Z	.265	.265	0	%100
119	MP1B	X	.459	.459	0	%100
120	MP1B	Z	.265	.265	0	%100
121	M128	X	.459	.459	0	%100
122	M128	Z	.265	.265	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	.293	.293	0	%100
2	M1	Z	.507	.507	0	%100
3	M4	X	.099	.099	0	%100
4	M4	Z	.172	.172	0	%100
5	M10	X	.252	.252	0	%100
6	M10	Z	.436	.436	0	%100
7	M43	X	.252	.252	0	%100
8	M43	Z	.436	.436	0	%100
9	M46	X	.078	.078	0	%100
10	M46	Z	.136	.136	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.279	.279	0	%100
14	M52B	Z	.483	.483	0	%100
15	M76	X	.167	.167	0	%100
16	M76	Z	.29	.29	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.167	.167	0	%100
22	M84	Z	.29	.29	0	%100
23	M85	X	.511	.511	0	%100
24	M85	Z	.886	.886	0	%100
25	M91	X	.064	.064	0	%100
26	M91	Z	.111	.111	0	%100
27	M52A	X	.397	.397	0	%100
28	M52A	Z	.687	.687	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	.279	.279	0	%100
36	M58A	Z	.483	.483	0	%100
37	M59A	X	.279	.279	0	%100
38	M59A	Z	.483	.483	0	%100
39	M63	X	.669	.669	0	%100
40	M63	Z	1.159	1.159	0	%100
41	M64	X	.511	.511	0	%100
42	M64	Z	.886	.886	0	%100
43	M66	X	.064	.064	0	%100
44	M66	Z	.111	.111	0	%100
45	M68	X	.669	.669	0	%100
46	M68	Z	1.159	1.159	0	%100
47	M69	X	.511	.511	0	%100
48	M69	Z	.886	.886	0	%100
49	M71	X	.064	.064	0	%100
50	M71	Z	.111	.111	0	%100
51	M76A	X	.099	.099	0	%100
52	M76A	Z	.172	.172	0	%100
53	M77A	X	.252	.252	0	%100
54	M77A	Z	.436	.436	0	%100
55	M78	X	.252	.252	0	%100
56	M78	Z	.436	.436	0	%100
57	M79A	X	.078	.078	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M79A	Z	.136	.136	0	%100
59	M82	X	.279	.279	0	%100
60	M82	Z	.483	.483	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	.167	.167	0	%100
64	M87	Z	.29	.29	0	%100
65	M88A	X	.511	.511	0	%100
66	M88A	Z	.886	.886	0	%100
67	M90	X	.064	.064	0	%100
68	M90	Z	.111	.111	0	%100
69	M92A	X	.167	.167	0	%100
70	M92A	Z	.29	.29	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	.293	.293	0	%100
78	M91B	Z	.507	.507	0	%100
79	M102	X	.199	.199	0	%100
80	M102	Z	.344	.344	0	%100
81	M112	X	0	0	0	%100
82	M112	Z	0	0	0	%100
83	M113	X	.199	.199	0	%100
84	M113	Z	.344	.344	0	%100
85	M87A	X	0	0	0	%100
86	M87A	Z	0	0	0	%100
87	M88B	X	.337	.337	0	%100
88	M88B	Z	.583	.583	0	%100
89	M89A	X	.337	.337	0	%100
90	M89A	Z	.583	.583	0	%100
91	M89B	X	.137	.137	0	%100
92	M89B	Z	.237	.237	0	%100
93	M90A	X	.245	.245	0	%100
94	M90A	Z	.425	.425	0	%100
95	M91C	X	.137	.137	0	%100
96	M91C	Z	.237	.237	0	%100
97	MP4A	X	.265	.265	0	%100
98	MP4A	Z	.459	.459	0	%100
99	MP3A	X	.265	.265	0	%100
100	MP3A	Z	.459	.459	0	%100
101	MP2A	X	.265	.265	0	%100
102	MP2A	Z	.459	.459	0	%100
103	MP1A	X	.265	.265	0	%100
104	MP1A	Z	.459	.459	0	%100
105	MP4C	X	.265	.265	0	%100
106	MP4C	Z	.459	.459	0	%100
107	MP3C	X	.265	.265	0	%100
108	MP3C	Z	.459	.459	0	%100
109	MP2C	X	.265	.265	0	%100
110	MP2C	Z	.459	.459	0	%100
111	MP1C	X	.265	.265	0	%100
112	MP1C	Z	.459	.459	0	%100
113	MP4B	X	.265	.265	0	%100
114	MP4B	Z	.459	.459	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,%]
115	MP3B	X	.265	.265	0	%100
116	MP3B	Z	.459	.459	0	%100
117	MP2B	X	.265	.265	0	%100
118	MP2B	Z	.459	.459	0	%100
119	MP1B	X	.265	.265	0	%100
120	MP1B	Z	.459	.459	0	%100
121	M128	X	.265	.265	0	%100
122	M128	Z	.459	.459	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	.781	.781	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.671	.671	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	.671	.671	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	.209	.209	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.186	.186	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.186	.186	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	.341	.341	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	.043	.043	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	.341	.341	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	.043	.043	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	.595	.595	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	.168	.168	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	.168	.168	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	.052	.052	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	.186	.186	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	.743	.743	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	1.004	1.004	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	.341	.341	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	.043	.043	0	%100
45	M68	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,%]
46	M68	Z	1.004	1.004	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	1.363	1.363	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	.171	.171	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	.595	.595	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	.168	.168	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	.168	.168	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	.052	.052	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	.743	.743	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	.186	.186	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	1.004	1.004	0	%100
65	M88A	X	0	0	0	%100
66	M88A	Z	1.363	1.363	0	%100
67	M90	X	0	0	0	%100
68	M90	Z	.171	.171	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	1.004	1.004	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	.341	.341	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	.043	.043	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	.195	.195	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	.195	.195	0	%100
79	M102	X	0	0	0	%100
80	M102	Z	.53	.53	0	%100
81	M112	X	0	0	0	%100
82	M112	Z	.132	.132	0	%100
83	M113	X	0	0	0	%100
84	M113	Z	.132	.132	0	%100
85	M87A	X	0	0	0	%100
86	M87A	Z	.225	.225	0	%100
87	M88B	X	0	0	0	%100
88	M88B	Z	.225	.225	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	.898	.898	0	%100
91	M89B	X	0	0	0	%100
92	M89B	Z	.202	.202	0	%100
93	M90A	X	0	0	0	%100
94	M90A	Z	.418	.418	0	%100
95	M91C	X	0	0	0	%100
96	M91C	Z	.418	.418	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	.53	.53	0	%100
99	MP3A	X	0	0	0	%100
100	MP3A	Z	.53	.53	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	.53	.53	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,%]
103	MP1A	X	0	0	0	%100
104	MP1A	Z	.53	.53	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	.53	.53	0	%100
107	MP3C	X	0	0	0	%100
108	MP3C	Z	.53	.53	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	.53	.53	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	.53	.53	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	.53	.53	0	%100
115	MP3B	X	0	0	0	%100
116	MP3B	Z	.53	.53	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	.53	.53	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	.53	.53	0	%100
121	M128	X	0	0	0	%100
122	M128	Z	.53	.53	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	-.293	-.293	0	%100
2	M1	Z	.507	.507	0	%100
3	M4	X	-.099	-.099	0	%100
4	M4	Z	.172	.172	0	%100
5	M10	X	-.252	-.252	0	%100
6	M10	Z	.436	.436	0	%100
7	M43	X	-.252	-.252	0	%100
8	M43	Z	.436	.436	0	%100
9	M46	X	-.078	-.078	0	%100
10	M46	Z	.136	.136	0	%100
11	M51B	X	-.279	-.279	0	%100
12	M51B	Z	.483	.483	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.167	-.167	0	%100
16	M76	Z	.29	.29	0	%100
17	M77	X	-.511	-.511	0	%100
18	M77	Z	.886	.886	0	%100
19	M80	X	-.064	-.064	0	%100
20	M80	Z	.111	.111	0	%100
21	M84	X	-.167	-.167	0	%100
22	M84	Z	.29	.29	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-.099	-.099	0	%100
28	M52A	Z	.172	.172	0	%100
29	M53	X	-.252	-.252	0	%100
30	M53	Z	.436	.436	0	%100
31	M54	X	-.252	-.252	0	%100
32	M54	Z	.436	.436	0	%100
33	M55	X	-.078	-.078	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,%]
34	M55	Z	.136	.136	0	%100
35	M58A	X	0	0	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	-.279	-.279	0	%100
38	M59A	Z	.483	.483	0	%100
39	M63	X	-.167	-.167	0	%100
40	M63	Z	.29	.29	0	%100
41	M64	X	0	0	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	0	0	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-.167	-.167	0	%100
46	M68	Z	.29	.29	0	%100
47	M69	X	-.511	-.511	0	%100
48	M69	Z	.886	.886	0	%100
49	M71	X	-.064	-.064	0	%100
50	M71	Z	.111	.111	0	%100
51	M76A	X	-.397	-.397	0	%100
52	M76A	Z	.687	.687	0	%100
53	M77A	X	0	0	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	0	0	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	-.279	-.279	0	%100
60	M82	Z	.483	.483	0	%100
61	M83A	X	-.279	-.279	0	%100
62	M83A	Z	.483	.483	0	%100
63	M87	X	-.669	-.669	0	%100
64	M87	Z	1.159	1.159	0	%100
65	M88A	X	-.511	-.511	0	%100
66	M88A	Z	.886	.886	0	%100
67	M90	X	-.064	-.064	0	%100
68	M90	Z	.111	.111	0	%100
69	M92A	X	-.669	-.669	0	%100
70	M92A	Z	1.159	1.159	0	%100
71	M93	X	-.511	-.511	0	%100
72	M93	Z	.886	.886	0	%100
73	M95	X	-.064	-.064	0	%100
74	M95	Z	.111	.111	0	%100
75	M82A	X	-.293	-.293	0	%100
76	M82A	Z	.507	.507	0	%100
77	M91B	X	0	0	0	%100
78	M91B	Z	0	0	0	%100
79	M102	X	-.199	-.199	0	%100
80	M102	Z	.344	.344	0	%100
81	M112	X	-.199	-.199	0	%100
82	M112	Z	.344	.344	0	%100
83	M113	X	0	0	0	%100
84	M113	Z	0	0	0	%100
85	M87A	X	-.337	-.337	0	%100
86	M87A	Z	.583	.583	0	%100
87	M88B	X	0	0	0	%100
88	M88B	Z	0	0	0	%100
89	M89A	X	-.337	-.337	0	%100
90	M89A	Z	.583	.583	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,%]
91	M89B	X	-.137	-.137	0	%100
92	M89B	Z	.237	.237	0	%100
93	M90A	X	-.137	-.137	0	%100
94	M90A	Z	.237	.237	0	%100
95	M91C	X	-.245	-.245	0	%100
96	M91C	Z	.425	.425	0	%100
97	MP4A	X	-.265	-.265	0	%100
98	MP4A	Z	.459	.459	0	%100
99	MP3A	X	-.265	-.265	0	%100
100	MP3A	Z	.459	.459	0	%100
101	MP2A	X	-.265	-.265	0	%100
102	MP2A	Z	.459	.459	0	%100
103	MP1A	X	-.265	-.265	0	%100
104	MP1A	Z	.459	.459	0	%100
105	MP4C	X	-.265	-.265	0	%100
106	MP4C	Z	.459	.459	0	%100
107	MP3C	X	-.265	-.265	0	%100
108	MP3C	Z	.459	.459	0	%100
109	MP2C	X	-.265	-.265	0	%100
110	MP2C	Z	.459	.459	0	%100
111	MP1C	X	-.265	-.265	0	%100
112	MP1C	Z	.459	.459	0	%100
113	MP4B	X	-.265	-.265	0	%100
114	MP4B	Z	.459	.459	0	%100
115	MP3B	X	-.265	-.265	0	%100
116	MP3B	Z	.459	.459	0	%100
117	MP2B	X	-.265	-.265	0	%100
118	MP2B	Z	.459	.459	0	%100
119	MP1B	X	-.265	-.265	0	%100
120	MP1B	Z	.459	.459	0	%100
121	M128	X	-.265	-.265	0	%100
122	M128	Z	.459	.459	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	-.169	-.169	0	%100
2	M1	Z	.098	.098	0	%100
3	M4	X	-.515	-.515	0	%100
4	M4	Z	.297	.297	0	%100
5	M10	X	-.145	-.145	0	%100
6	M10	Z	.084	.084	0	%100
7	M43	X	-.145	-.145	0	%100
8	M43	Z	.084	.084	0	%100
9	M46	X	-.045	-.045	0	%100
10	M46	Z	.026	.026	0	%100
11	M51B	X	-.644	-.644	0	%100
12	M51B	Z	.372	.372	0	%100
13	M52B	X	-.161	-.161	0	%100
14	M52B	Z	.093	.093	0	%100
15	M76	X	-.869	-.869	0	%100
16	M76	Z	.502	.502	0	%100
17	M77	X	-1.181	-1.181	0	%100
18	M77	Z	.682	.682	0	%100
19	M80	X	-.148	-.148	0	%100
20	M80	Z	.086	.086	0	%100
21	M84	X	-.869	-.869	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,%]
22	M84	Z	.502	.502	0	%100
23	M85	X	-.295	-.295	0	%100
24	M85	Z	.17	.17	0	%100
25	M91	X	-.037	-.037	0	%100
26	M91	Z	.021	.021	0	%100
27	M52A	X	0	0	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	-.581	-.581	0	%100
30	M53	Z	.336	.336	0	%100
31	M54	X	-.581	-.581	0	%100
32	M54	Z	.336	.336	0	%100
33	M55	X	-.181	-.181	0	%100
34	M55	Z	.104	.104	0	%100
35	M58A	X	-.161	-.161	0	%100
36	M58A	Z	.093	.093	0	%100
37	M59A	X	-.161	-.161	0	%100
38	M59A	Z	.093	.093	0	%100
39	M63	X	0	0	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-.295	-.295	0	%100
42	M64	Z	.17	.17	0	%100
43	M66	X	-.037	-.037	0	%100
44	M66	Z	.021	.021	0	%100
45	M68	X	0	0	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	-.295	-.295	0	%100
48	M69	Z	.17	.17	0	%100
49	M71	X	-.037	-.037	0	%100
50	M71	Z	.021	.021	0	%100
51	M76A	X	-.515	-.515	0	%100
52	M76A	Z	.297	.297	0	%100
53	M77A	X	-.145	-.145	0	%100
54	M77A	Z	.084	.084	0	%100
55	M78	X	-.145	-.145	0	%100
56	M78	Z	.084	.084	0	%100
57	M79A	X	-.045	-.045	0	%100
58	M79A	Z	.026	.026	0	%100
59	M82	X	-.161	-.161	0	%100
60	M82	Z	.093	.093	0	%100
61	M83A	X	-.644	-.644	0	%100
62	M83A	Z	.372	.372	0	%100
63	M87	X	-.869	-.869	0	%100
64	M87	Z	.502	.502	0	%100
65	M88A	X	-.295	-.295	0	%100
66	M88A	Z	.17	.17	0	%100
67	M90	X	-.037	-.037	0	%100
68	M90	Z	.021	.021	0	%100
69	M92A	X	-.869	-.869	0	%100
70	M92A	Z	.502	.502	0	%100
71	M93	X	-1.181	-1.181	0	%100
72	M93	Z	.682	.682	0	%100
73	M95	X	-.148	-.148	0	%100
74	M95	Z	.086	.086	0	%100
75	M82A	X	-.676	-.676	0	%100
76	M82A	Z	.39	.39	0	%100
77	M91B	X	-.169	-.169	0	%100
78	M91B	Z	.098	.098	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,%]
79	M102	X	-.115	-.115	0	%100
80	M102	Z	.066	.066	0	%100
81	M112	X	-.459	-.459	0	%100
82	M112	Z	.265	.265	0	%100
83	M113	X	-.115	-.115	0	%100
84	M113	Z	.066	.066	0	%100
85	M87A	X	-.778	-.778	0	%100
86	M87A	Z	.449	.449	0	%100
87	M88B	X	-.194	-.194	0	%100
88	M88B	Z	.112	.112	0	%100
89	M89A	X	-.194	-.194	0	%100
90	M89A	Z	.112	.112	0	%100
91	M89B	X	-.362	-.362	0	%100
92	M89B	Z	.209	.209	0	%100
93	M90A	X	-.175	-.175	0	%100
94	M90A	Z	.101	.101	0	%100
95	M91C	X	-.362	-.362	0	%100
96	M91C	Z	.209	.209	0	%100
97	MP4A	X	-.459	-.459	0	%100
98	MP4A	Z	.265	.265	0	%100
99	MP3A	X	-.459	-.459	0	%100
100	MP3A	Z	.265	.265	0	%100
101	MP2A	X	-.459	-.459	0	%100
102	MP2A	Z	.265	.265	0	%100
103	MP1A	X	-.459	-.459	0	%100
104	MP1A	Z	.265	.265	0	%100
105	MP4C	X	-.459	-.459	0	%100
106	MP4C	Z	.265	.265	0	%100
107	MP3C	X	-.459	-.459	0	%100
108	MP3C	Z	.265	.265	0	%100
109	MP2C	X	-.459	-.459	0	%100
110	MP2C	Z	.265	.265	0	%100
111	MP1C	X	-.459	-.459	0	%100
112	MP1C	Z	.265	.265	0	%100
113	MP4B	X	-.459	-.459	0	%100
114	MP4B	Z	.265	.265	0	%100
115	MP3B	X	-.459	-.459	0	%100
116	MP3B	Z	.265	.265	0	%100
117	MP2B	X	-.459	-.459	0	%100
118	MP2B	Z	.265	.265	0	%100
119	MP1B	X	-.459	-.459	0	%100
120	MP1B	Z	.265	.265	0	%100
121	M128	X	-.459	-.459	0	%100
122	M128	Z	.265	.265	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.793	-.793	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100

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,%]
10	M46	Z	0	0	0	%100
11	M51B	X	-.557	-.557	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-.557	-.557	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-1.339	-1.339	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-1.023	-1.023	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-.128	-.128	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-1.339	-1.339	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-1.023	-1.023	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-.128	-.128	0	%100
26	M91	Z	0	0	0	%100
27	M52A	X	-.198	-.198	0	%100
28	M52A	Z	0	0	0	%100
29	M53	X	-.503	-.503	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	-.503	-.503	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	-.157	-.157	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	-.557	-.557	0	%100
36	M58A	Z	0	0	0	%100
37	M59A	X	0	0	0	%100
38	M59A	Z	0	0	0	%100
39	M63	X	-.335	-.335	0	%100
40	M63	Z	0	0	0	%100
41	M64	X	-1.023	-1.023	0	%100
42	M64	Z	0	0	0	%100
43	M66	X	-.128	-.128	0	%100
44	M66	Z	0	0	0	%100
45	M68	X	-.335	-.335	0	%100
46	M68	Z	0	0	0	%100
47	M69	X	0	0	0	%100
48	M69	Z	0	0	0	%100
49	M71	X	0	0	0	%100
50	M71	Z	0	0	0	%100
51	M76A	X	-.198	-.198	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	-.503	-.503	0	%100
54	M77A	Z	0	0	0	%100
55	M78	X	-.503	-.503	0	%100
56	M78	Z	0	0	0	%100
57	M79A	X	-.157	-.157	0	%100
58	M79A	Z	0	0	0	%100
59	M82	X	0	0	0	%100
60	M82	Z	0	0	0	%100
61	M83A	X	-.557	-.557	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-.335	-.335	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	0	0	0	%100
66	M88A	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,%]
67	M90	X	0	0	0	%100
68	M90	Z	0	0	0	%100
69	M92A	X	-.335	-.335	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	-1.023	-1.023	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	-.128	-.128	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	-.586	-.586	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	-.586	-.586	0	%100
78	M91B	Z	0	0	0	%100
79	M102	X	0	0	0	%100
80	M102	Z	0	0	0	%100
81	M112	X	-.397	-.397	0	%100
82	M112	Z	0	0	0	%100
83	M113	X	-.397	-.397	0	%100
84	M113	Z	0	0	0	%100
85	M87A	X	-.674	-.674	0	%100
86	M87A	Z	0	0	0	%100
87	M88B	X	-.674	-.674	0	%100
88	M88B	Z	0	0	0	%100
89	M89A	X	0	0	0	%100
90	M89A	Z	0	0	0	%100
91	M89B	X	-.491	-.491	0	%100
92	M89B	Z	0	0	0	%100
93	M90A	X	-.274	-.274	0	%100
94	M90A	Z	0	0	0	%100
95	M91C	X	-.274	-.274	0	%100
96	M91C	Z	0	0	0	%100
97	MP4A	X	-.53	-.53	0	%100
98	MP4A	Z	0	0	0	%100
99	MP3A	X	-.53	-.53	0	%100
100	MP3A	Z	0	0	0	%100
101	MP2A	X	-.53	-.53	0	%100
102	MP2A	Z	0	0	0	%100
103	MP1A	X	-.53	-.53	0	%100
104	MP1A	Z	0	0	0	%100
105	MP4C	X	-.53	-.53	0	%100
106	MP4C	Z	0	0	0	%100
107	MP3C	X	-.53	-.53	0	%100
108	MP3C	Z	0	0	0	%100
109	MP2C	X	-.53	-.53	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	-.53	-.53	0	%100
112	MP1C	Z	0	0	0	%100
113	MP4B	X	-.53	-.53	0	%100
114	MP4B	Z	0	0	0	%100
115	MP3B	X	-.53	-.53	0	%100
116	MP3B	Z	0	0	0	%100
117	MP2B	X	-.53	-.53	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	-.53	-.53	0	%100
120	MP1B	Z	0	0	0	%100
121	M128	X	-.53	-.53	0	%100
122	M128	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	-.169	-.169	0	%100
2	M1	Z	-.098	-.098	0	%100
3	M4	X	-.515	-.515	0	%100
4	M4	Z	-.297	-.297	0	%100
5	M10	X	-.145	-.145	0	%100
6	M10	Z	-.084	-.084	0	%100
7	M43	X	-.145	-.145	0	%100
8	M43	Z	-.084	-.084	0	%100
9	M46	X	-.045	-.045	0	%100
10	M46	Z	-.026	-.026	0	%100
11	M51B	X	-.161	-.161	0	%100
12	M51B	Z	-.093	-.093	0	%100
13	M52B	X	-.644	-.644	0	%100
14	M52B	Z	-.372	-.372	0	%100
15	M76	X	-.869	-.869	0	%100
16	M76	Z	-.502	-.502	0	%100
17	M77	X	-.295	-.295	0	%100
18	M77	Z	-.17	-.17	0	%100
19	M80	X	-.037	-.037	0	%100
20	M80	Z	-.021	-.021	0	%100
21	M84	X	-.869	-.869	0	%100
22	M84	Z	-.502	-.502	0	%100
23	M85	X	-1.181	-1.181	0	%100
24	M85	Z	-.682	-.682	0	%100
25	M91	X	-.148	-.148	0	%100
26	M91	Z	-.086	-.086	0	%100
27	M52A	X	-.515	-.515	0	%100
28	M52A	Z	-.297	-.297	0	%100
29	M53	X	-.145	-.145	0	%100
30	M53	Z	-.084	-.084	0	%100
31	M54	X	-.145	-.145	0	%100
32	M54	Z	-.084	-.084	0	%100
33	M55	X	-.045	-.045	0	%100
34	M55	Z	-.026	-.026	0	%100
35	M58A	X	-.644	-.644	0	%100
36	M58A	Z	-.372	-.372	0	%100
37	M59A	X	-.161	-.161	0	%100
38	M59A	Z	-.093	-.093	0	%100
39	M63	X	-.869	-.869	0	%100
40	M63	Z	-.502	-.502	0	%100
41	M64	X	-1.181	-1.181	0	%100
42	M64	Z	-.682	-.682	0	%100
43	M66	X	-.148	-.148	0	%100
44	M66	Z	-.086	-.086	0	%100
45	M68	X	-.869	-.869	0	%100
46	M68	Z	-.502	-.502	0	%100
47	M69	X	-.295	-.295	0	%100
48	M69	Z	-.17	-.17	0	%100
49	M71	X	-.037	-.037	0	%100
50	M71	Z	-.021	-.021	0	%100
51	M76A	X	0	0	0	%100
52	M76A	Z	0	0	0	%100
53	M77A	X	-.581	-.581	0	%100
54	M77A	Z	-.336	-.336	0	%100
55	M78	X	-.581	-.581	0	%100
56	M78	Z	-.336	-.336	0	%100
57	M79A	X	-.181	-.181	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,%]
58	M79A	Z	-.104	-.104	0	%100
59	M82	X	-.161	-.161	0	%100
60	M82	Z	-.093	-.093	0	%100
61	M83A	X	-.161	-.161	0	%100
62	M83A	Z	-.093	-.093	0	%100
63	M87	X	0	0	0	%100
64	M87	Z	0	0	0	%100
65	M88A	X	-.295	-.295	0	%100
66	M88A	Z	-.17	-.17	0	%100
67	M90	X	-.037	-.037	0	%100
68	M90	Z	-.021	-.021	0	%100
69	M92A	X	0	0	0	%100
70	M92A	Z	0	0	0	%100
71	M93	X	-.295	-.295	0	%100
72	M93	Z	-.17	-.17	0	%100
73	M95	X	-.037	-.037	0	%100
74	M95	Z	-.021	-.021	0	%100
75	M82A	X	-.169	-.169	0	%100
76	M82A	Z	-.098	-.098	0	%100
77	M91B	X	-.676	-.676	0	%100
78	M91B	Z	-.39	-.39	0	%100
79	M102	X	-.115	-.115	0	%100
80	M102	Z	-.066	-.066	0	%100
81	M112	X	-.115	-.115	0	%100
82	M112	Z	-.066	-.066	0	%100
83	M113	X	-.459	-.459	0	%100
84	M113	Z	-.265	-.265	0	%100
85	M87A	X	-.194	-.194	0	%100
86	M87A	Z	-.112	-.112	0	%100
87	M88B	X	-.778	-.778	0	%100
88	M88B	Z	-.449	-.449	0	%100
89	M89A	X	-.194	-.194	0	%100
90	M89A	Z	-.112	-.112	0	%100
91	M89B	X	-.362	-.362	0	%100
92	M89B	Z	-.209	-.209	0	%100
93	M90A	X	-.362	-.362	0	%100
94	M90A	Z	-.209	-.209	0	%100
95	M91C	X	-.175	-.175	0	%100
96	M91C	Z	-.101	-.101	0	%100
97	MP4A	X	-.459	-.459	0	%100
98	MP4A	Z	-.265	-.265	0	%100
99	MP3A	X	-.459	-.459	0	%100
100	MP3A	Z	-.265	-.265	0	%100
101	MP2A	X	-.459	-.459	0	%100
102	MP2A	Z	-.265	-.265	0	%100
103	MP1A	X	-.459	-.459	0	%100
104	MP1A	Z	-.265	-.265	0	%100
105	MP4C	X	-.459	-.459	0	%100
106	MP4C	Z	-.265	-.265	0	%100
107	MP3C	X	-.459	-.459	0	%100
108	MP3C	Z	-.265	-.265	0	%100
109	MP2C	X	-.459	-.459	0	%100
110	MP2C	Z	-.265	-.265	0	%100
111	MP1C	X	-.459	-.459	0	%100
112	MP1C	Z	-.265	-.265	0	%100
113	MP4B	X	-.459	-.459	0	%100
114	MP4B	Z	-.265	-.265	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,%]
115	MP3B	X	-.459	-.459	0	%100
116	MP3B	Z	-.265	-.265	0	%100
117	MP2B	X	-.459	-.459	0	%100
118	MP2B	Z	-.265	-.265	0	%100
119	MP1B	X	-.459	-.459	0	%100
120	MP1B	Z	-.265	-.265	0	%100
121	M128	X	-.459	-.459	0	%100
122	M128	Z	-.265	-.265	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	-.293	-.293	0	%100
2	M1	Z	-.507	-.507	0	%100
3	M4	X	-.099	-.099	0	%100
4	M4	Z	-.172	-.172	0	%100
5	M10	X	-.252	-.252	0	%100
6	M10	Z	-.436	-.436	0	%100
7	M43	X	-.252	-.252	0	%100
8	M43	Z	-.436	-.436	0	%100
9	M46	X	-.078	-.078	0	%100
10	M46	Z	-.136	-.136	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-.279	-.279	0	%100
14	M52B	Z	-.483	-.483	0	%100
15	M76	X	-.167	-.167	0	%100
16	M76	Z	-.29	-.29	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-.167	-.167	0	%100
22	M84	Z	-.29	-.29	0	%100
23	M85	X	-.511	-.511	0	%100
24	M85	Z	-.886	-.886	0	%100
25	M91	X	-.064	-.064	0	%100
26	M91	Z	-.111	-.111	0	%100
27	M52A	X	-.397	-.397	0	%100
28	M52A	Z	-.687	-.687	0	%100
29	M53	X	0	0	0	%100
30	M53	Z	0	0	0	%100
31	M54	X	0	0	0	%100
32	M54	Z	0	0	0	%100
33	M55	X	0	0	0	%100
34	M55	Z	0	0	0	%100
35	M58A	X	-.279	-.279	0	%100
36	M58A	Z	-.483	-.483	0	%100
37	M59A	X	-.279	-.279	0	%100
38	M59A	Z	-.483	-.483	0	%100
39	M63	X	-.669	-.669	0	%100
40	M63	Z	-1.159	-1.159	0	%100
41	M64	X	-.511	-.511	0	%100
42	M64	Z	-.886	-.886	0	%100
43	M66	X	-.064	-.064	0	%100
44	M66	Z	-.111	-.111	0	%100
45	M68	X	-.669	-.669	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,%]
46	M68	Z	-1.159	-1.159	0	%100
47	M69	X	-.511	-.511	0	%100
48	M69	Z	-.886	-.886	0	%100
49	M71	X	-.064	-.064	0	%100
50	M71	Z	-.111	-.111	0	%100
51	M76A	X	-.099	-.099	0	%100
52	M76A	Z	-.172	-.172	0	%100
53	M77A	X	-.252	-.252	0	%100
54	M77A	Z	-.436	-.436	0	%100
55	M78	X	-.252	-.252	0	%100
56	M78	Z	-.436	-.436	0	%100
57	M79A	X	-.078	-.078	0	%100
58	M79A	Z	-.136	-.136	0	%100
59	M82	X	-.279	-.279	0	%100
60	M82	Z	-.483	-.483	0	%100
61	M83A	X	0	0	0	%100
62	M83A	Z	0	0	0	%100
63	M87	X	-.167	-.167	0	%100
64	M87	Z	-.29	-.29	0	%100
65	M88A	X	-.511	-.511	0	%100
66	M88A	Z	-.886	-.886	0	%100
67	M90	X	-.064	-.064	0	%100
68	M90	Z	-.111	-.111	0	%100
69	M92A	X	-.167	-.167	0	%100
70	M92A	Z	-.29	-.29	0	%100
71	M93	X	0	0	0	%100
72	M93	Z	0	0	0	%100
73	M95	X	0	0	0	%100
74	M95	Z	0	0	0	%100
75	M82A	X	0	0	0	%100
76	M82A	Z	0	0	0	%100
77	M91B	X	-.293	-.293	0	%100
78	M91B	Z	-.507	-.507	0	%100
79	M102	X	-.199	-.199	0	%100
80	M102	Z	-.344	-.344	0	%100
81	M112	X	0	0	0	%100
82	M112	Z	0	0	0	%100
83	M113	X	-.199	-.199	0	%100
84	M113	Z	-.344	-.344	0	%100
85	M87A	X	0	0	0	%100
86	M87A	Z	0	0	0	%100
87	M88B	X	-.337	-.337	0	%100
88	M88B	Z	-.583	-.583	0	%100
89	M89A	X	-.337	-.337	0	%100
90	M89A	Z	-.583	-.583	0	%100
91	M89B	X	-.137	-.137	0	%100
92	M89B	Z	-.237	-.237	0	%100
93	M90A	X	-.245	-.245	0	%100
94	M90A	Z	-.425	-.425	0	%100
95	M91C	X	-.137	-.137	0	%100
96	M91C	Z	-.237	-.237	0	%100
97	MP4A	X	-.265	-.265	0	%100
98	MP4A	Z	-.459	-.459	0	%100
99	MP3A	X	-.265	-.265	0	%100
100	MP3A	Z	-.459	-.459	0	%100
101	MP2A	X	-.265	-.265	0	%100
102	MP2A	Z	-.459	-.459	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,%]
103	MP1A	X	-.265	-.265	0	%100
104	MP1A	Z	-.459	-.459	0	%100
105	MP4C	X	-.265	-.265	0	%100
106	MP4C	Z	-.459	-.459	0	%100
107	MP3C	X	-.265	-.265	0	%100
108	MP3C	Z	-.459	-.459	0	%100
109	MP2C	X	-.265	-.265	0	%100
110	MP2C	Z	-.459	-.459	0	%100
111	MP1C	X	-.265	-.265	0	%100
112	MP1C	Z	-.459	-.459	0	%100
113	MP4B	X	-.265	-.265	0	%100
114	MP4B	Z	-.459	-.459	0	%100
115	MP3B	X	-.265	-.265	0	%100
116	MP3B	Z	-.459	-.459	0	%100
117	MP2B	X	-.265	-.265	0	%100
118	MP2B	Z	-.459	-.459	0	%100
119	MP1B	X	-.265	-.265	0	%100
120	MP1B	Z	-.459	-.459	0	%100
121	M128	X	-.265	-.265	0	%100
122	M128	Z	-.459	-.459	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M58A	Y	-1.601	-4.064	0	.832
2	M58A	Y	-4.064	-6.634	.832	1.665
3	M58A	Y	-6.634	-7.874	1.665	2.497
4	M58A	Y	-7.874	-6.293	2.497	3.329
5	M58A	Y	-6.293	-3.33	3.329	4.162
6	M59A	Y	-3.336	-6.325	0	.832
7	M59A	Y	-6.325	-7.939	.832	1.665
8	M59A	Y	-7.939	-6.771	1.665	2.497
9	M59A	Y	-6.771	-4.258	2.497	3.329
10	M59A	Y	-4.258	-1.807	3.329	4.162
11	M51B	Y	-1.812	-4.256	0	.832
12	M51B	Y	-4.256	-6.773	.832	1.665
13	M51B	Y	-6.773	-7.943	1.665	2.497
14	M51B	Y	-7.943	-6.32	2.497	3.329
15	M51B	Y	-6.32	-3.329	3.329	4.162
16	M52B	Y	-3.33	-6.293	0	.832
17	M52B	Y	-6.293	-7.874	.832	1.665
18	M52B	Y	-7.874	-6.636	1.665	2.497
19	M52B	Y	-6.636	-4.066	2.497	3.329
20	M52B	Y	-4.066	-1.597	3.329	4.162
21	M82	Y	-1.807	-4.258	0	.832
22	M82	Y	-4.258	-6.771	.832	1.665
23	M82	Y	-6.771	-7.939	1.665	2.497
24	M82	Y	-7.939	-6.325	2.497	3.329
25	M82	Y	-6.325	-3.336	3.329	4.162
26	M83A	Y	-3.33	-6.293	0	.832
27	M83A	Y	-6.293	-7.874	.832	1.665
28	M83A	Y	-7.874	-6.634	1.665	2.497
29	M83A	Y	-6.634	-4.064	2.497	3.329
30	M83A	Y	-4.064	-1.601	3.329	4.162

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M58A	Y	-3.523	-8.941	0	.832
2	M58A	Y	-8.941	-14.596	.832	1.665
3	M58A	Y	-14.596	-17.322	1.665	2.497
4	M58A	Y	-17.322	-13.844	2.497	3.329
5	M58A	Y	-13.844	-7.325	3.329	4.162
6	M59A	Y	-7.34	-13.915	0	.832
7	M59A	Y	-13.915	-17.465	.832	1.665
8	M59A	Y	-17.465	-14.896	1.665	2.497
9	M59A	Y	-14.896	-9.367	2.497	3.329
10	M59A	Y	-9.367	-3.976	3.329	4.162
11	M51B	Y	3.986	9.363	0	.832
12	M51B	Y	9.363	14.902	.832	1.665
13	M51B	Y	14.902	17.474	1.665	2.497
14	M51B	Y	17.474	13.905	2.497	3.329
15	M51B	Y	13.905	7.323	3.329	4.162
16	M52B	Y	7.326	13.844	0	.832
17	M52B	Y	13.844	17.322	.832	1.665
18	M52B	Y	17.322	14.6	1.665	2.497
19	M52B	Y	14.6	8.944	2.497	3.329
20	M52B	Y	8.944	3.514	3.329	4.162
21	M82	Y	3.976	9.367	0	.832
22	M82	Y	9.367	14.896	.832	1.665
23	M82	Y	14.896	17.465	1.665	2.497
24	M82	Y	17.465	13.915	2.497	3.329
25	M82	Y	13.915	7.34	3.329	4.162
26	M83A	Y	7.325	13.844	0	.832
27	M83A	Y	13.844	17.322	.832	1.665
28	M83A	Y	17.322	14.596	1.665	2.497
29	M83A	Y	14.596	8.941	2.497	3.329
30	M83A	Y	8.941	3.523	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N90	N89	N111	N113	Y	Two Way	-.005
2	N7	N6	N87C	N87B	Y	Two Way	-.005
3	N117	N118	N141	N139	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N90	N89	N111	N113	Y	Two Way	-.011
2	N7	N6	N87C	N87B	Y	Two Way	.011
3	N117	N118	N141	N139	Y	Two Way	.011

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	1412.051	10	591.39	7	4677.884	1	.432	21	1.661	4	.347	3
2		min	-1420.546	4	-214.594	1	-2687.175	7	.119	39	-1.657	10	-.18	9
3	N87D	max	3509.823	9	358.865	3	876.933	2	.163	9	1.231	12	-.014	9
4		min	-1853.284	3	-163.777	9	-1821.56	8	-.608	39	-1.227	6	-.423	15
5	N115	max	1591.405	11	285.448	11	1402.981	12	.032	7	1.988	8	.287	11
6		min	-3570.758	5	-253.82	49	-2546.367	6	-.674	25	-1.98	2	-.158	5
7	N113B	max	16.888	10	2049.107	13	-194.293	7	0	51	0	4	0	10
8		min	-16.841	4	171.732	7	-2416.716	13	0	1	0	10	0	4

Envelope Joint Reactions (Continued)

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
9	N115A	max	-264.956	3	2133.984	21	1259.107	21	0	6	0	48	0	48
10		min	-2180.842	21	265.153	3	153.004	3	0	48	0	6	0	6
11	N117A	max	2423.967	17	2368.74	17	1399.535	17	0	8	0	8	0	8
12		min	411.693	11	406.85	11	237.593	11	0	2	0	2	0	2
13	Totals:	max	5384.75	10	6631.248	14	5519.236	1						
14		min	-5384.759	4	3239.811	8	-5519.209	7						

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

	Member	Shape	Code Check	Lo...	...	She...	Lo...	...	...	phi*P...	phi*P...	phi*M...	phi*M.....		Eqn
1	M1	PIPE_3.0	.085	1.4...	5	.163	4.8...		10	2825...	65205	5.749	5.749	...	H1-1b
2	M4	HSS4X...	.120	0	10	.062	0	z	4	1246...	139518	16.181	16.181	...	H1-1b
3	M10	HSS4X...	.100	2.3...	14	.042	2.3...	y	21	1362...	139518	16.181	16.181	...	H1-1b
4	M43	HSS4X...	.097	0	24	.033	0	y	17	1362...	139518	16.181	16.181	...	H1-1b
5	M46	PL1/2x6...	.174	.516	8	.216	.516	y	23	1227...	145800	2.279	18.225	...	H1-1b
6	M51B	L2x2x3	.162	4.1...	3	.004	4.1...	z	9	9823...	2339...	.558	1.069	...	H2-1
7	M52B	L2x2x3	.129	0	12	.005	4.1...	y	7	9823...	2339...	.558	1.092	...	H2-1
8	M76	PL3/8x6	.179	0	4	.093	0	y	3	7064...	72900	.57	9.113	...	H1-1b
9	M77	PL3/8x6	.247	.167	8	.199	0	y	23	7158...	72900	.57	9.113	...	H1-1b
10	M80	PL1/2x6...	.064	.112	1	.113	0	y	24	1455...	145800	2.279	18.225	...	H1-1b
11	M84	PL3/8x6	.097	0	6	.112	0	y	7	7064...	72900	.57	9.113	...	H1-1b
12	M85	PL3/8x6	.220	.167	6	.185	0	y	15	7158...	72900	.57	9.113	...	H1-1b
13	M91	PL1/2x6...	.063	.112	1	.067	0	y	2	1455...	145800	2.279	18.225	...	H1-1b
14	M52A	HSS4X...	.098	3.1...	22	.043	0	y	38	1246...	139518	16.181	16.181	...	H1-1b
15	M53	HSS4X...	.102	2.3...	22	.042	2.3...	y	17	1362...	139518	16.181	16.181	...	H1-1b
16	M54	HSS4X...	.094	0	20	.039	0	y	48	1362...	139518	16.181	16.181	...	H1-1b
17	M55	PL1/2x6...	.185	.516	8	.235	.516	y	19	1227...	145800	2.279	18.225	...	H1-1b
18	M58A	L2x2x3	.159	4.1...	11	.009	4.1...	y	13	9823...	2339...	.558	1.07	...	H2-1
19	M59A	L2x2x3	.107	0	8	.010	0	y	17	9823...	2339...	.558	1.091	...	H2-1
20	M63	PL3/8x6	.157	0	12	.109	0	y	22	7064...	72900	.57	9.113	...	H1-1b
21	M64	PL3/8x6	.233	.167	5	.183	0	y	21	7158...	72900	.57	9.113	...	H1-1b
22	M66	PL1/2x6...	.048	.112	9	.118	0	y	20	1455...	145800	2.279	18.225	...	H1-1b
23	M68	PL3/8x6	.176	0	2	.095	0	y	3	7064...	72900	.57	9.113	...	H1-1b
24	M69	PL3/8x6	.193	.167	2	.198	0	y	45	7158...	72900	.57	9.113	...	H1-1b
25	M71	PL1/2x6...	.064	.112	8	.071	0	y	46	1455...	145800	2.279	18.225	...	H1-1b
26	M76A	HSS4X...	.134	0	2	.050	3.1...	y	15	1246...	139518	16.181	16.181	...	H1-1b
27	M77A	HSS4X...	.088	2.3...	30	.043	2.3...	y	26	1362...	139518	16.181	16.181	...	H1-1b
28	M78	HSS4X...	.098	0	16	.034	0	y	20	1362...	139518	16.181	16.181	...	H1-1b
29	M79A	PL1/2x6...	.176	.516	12	.273	.516	y	14	1227...	145800	2.279	18.225	...	H1-1b
30	M82	L2x2x3	.169	4.1...	7	.005	4.1...	y	49	9823...	2339...	.558	1.069	...	H2-1
31	M83A	L2x2x3	.134	4.1...	3	.006	4.1...	y	36	9823...	2339...	.558	1.07	...	H2-1
32	M87	PL3/8x6	.092	0	12	.138	0	y	29	7064...	72900	.57	9.113	...	H1-1b
33	M88A	PL3/8x6	.254	.167	12	.192	0	y	28	7158...	72900	.57	9.113	...	H1-1b
34	M90	PL1/2x6...	.053	.112	5	.163	0	y	16	1455...	145800	2.279	18.225	...	H1-1b
35	M92A	PL3/8x6	.118	0	10	.101	0	y	35	7064...	72900	.57	9.113	...	H1-1b
36	M93	PL3/8x6	.215	.167	10	.177	0	y	15	7158...	72900	.57	9.113	...	H1-1b
37	M95	PL1/2x6...	.062	.112	5	.068	0	y	6	1455...	145800	2.279	18.225	...	H1-1b
38	M82A	PIPE_3.0	.093	1.4...	1	.170	4.8...		6	2825...	65205	5.749	5.749	...	H1-1b
39	M91B	PIPE_3.0	.088	1.4...	9	.160	4.8...		2	2825...	65205	5.749	5.749	...	H1-1b
40	M102	PIPE_2.0	.156	10...	9	.193	10...		9	6295...	32130	1.872	1.872	...	H1-1b
41	M112	PIPE_2.0	.160	10...	5	.201	10...		5	6295...	32130	1.872	1.872	...	H1-1b
42	M113	PIPE_2.0	.160	10...	1	.203	10...		1	6295...	32130	1.872	1.872	...	H1-1b
43	M87A	L4X4X4	.021	.456	9	.060	0	y	6	5029...	62532	3.138	6.715	...	H2-1
44	M88B	L4X4X4	.022	.437	5	.067	0	y	2	5029...	62532	3.138	6.715	...	H2-1
45	M89A	L4X4X4	.022	.428	1	.055	0	y	10	5029...	62532	3.138	6.715	...	H2-1
46	M89B	LL2.5x2...	.070	4.1...	13	.003	4.1...	z	10	4536...	58320	3.3	2.55	1	H1-...

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

	Member	Shape	Code Check	Lo...	...	She...	Lo...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	.....	Eqn
47	M90A	LL2.5x2...	.073	4.1...	21	.003	0	z	6	4536...	58320	3.3	2.55	1	H1-...
48	M91C	LL2.5x2...	.081	4.1...	17	.004	0	z	2	4536...	58320	3.3	2.55	1	H1-...
49	MP4A	PIPE_2.0	.485	3.75	10	.256	3.75		10	1491...	32130	1.872	1.872	...	H3-6
50	MP3A	PIPE_2.0	.241	3.75	4	.171	3.75		9	1491...	32130	1.872	1.872	...	H1-1b
51	MP2A	PIPE_2.0	.279	3.75	10	.197	3.75		4	1491...	32130	1.872	1.872	...	H1-1b
52	MP1A	PIPE_2.0	.492	3.75	3	.248	1.9...		4	1491...	32130	1.872	1.872	...	H1-1b
53	MP4C	PIPE_2.0	.431	3.75	6	.247	3.75		6	1491...	32130	1.872	1.872	...	H1-1b
54	MP3C	PIPE_2.0	.266	3.75	6	.182	3.75		5	1491...	32130	1.872	1.872	...	H1-1b
55	MP2C	PIPE_2.0	.360	3.75	10	.206	1.9...		12	1491...	32130	1.872	1.872	...	H1-1b
56	MP1C	PIPE_2.0	.464	3.75	12	.250	3.75		1	1491...	32130	1.872	1.872	...	H1-1b
57	MP4B	PIPE_2.0	.416	3.75	2	.246	3.75		1	1491...	32130	1.872	1.872	...	H1-1b
58	MP3B	PIPE_2.0	.256	3.75	2	.182	3.75		1	1491...	32130	1.872	1.872	...	H1-1b
59	MP2B	PIPE_2.0	.364	3.75	6	.199	1.9...		8	1491...	32130	1.872	1.872	...	H1-1b
60	MP1B	PIPE_2.0	.449	3.75	8	.244	3.75		9	1491...	32130	1.872	1.872	...	H1-1b
61	M128	PIPE_2.0	.300	4.8...	1	.021	4.8...		1	1735...	32130	1.872	1.872	1	H1-1b

Client:	Verizon	Date:	8/6/2021
Site Name:	CHESTERFIELD CT		
Project No.	21777310A		
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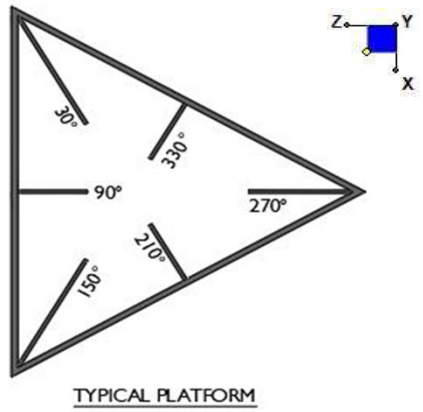
Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

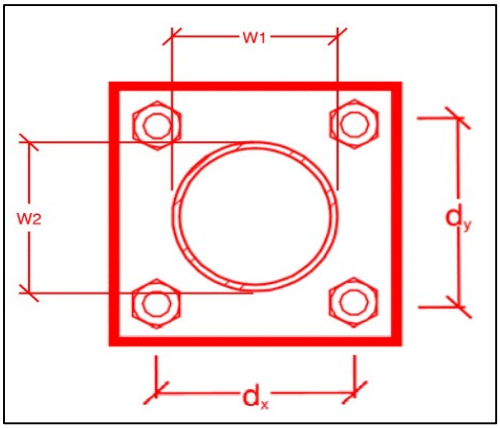
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N87D	30
N115	150
N3	270



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	24.8
Required Shear Strength (kips):	16.2
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**30.0%***
Shear Capacity Overall:	**32.7%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	8
Plate Height (in):	8
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.75
Weld Size (1/16 in):	5
Phi*Rn (kip/in):	6.96
Required Weld Strength (kip/in):	3.47
Plate Bending Capacity:	**37.0%**
Weld Capacity:	**49.8%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	12.4
$Phi*Mn_{xx}$ *(kip-in)* :	36.5
Mu_{yy} *(kip-in)* :	1.1
$Phi*Mn_{yy}$ *(kip-in)* :	36.5

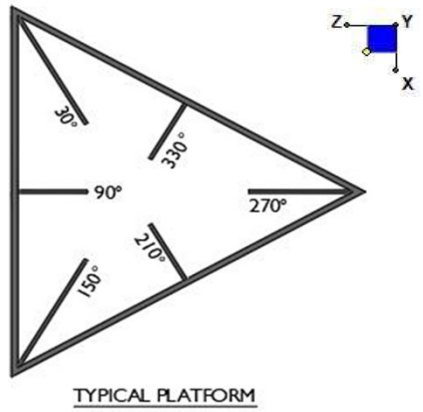
Client:	Verizon	Date:	8/6/2021
Site Name:	CHESTERFIELD CT		
Project No.	21777310A		
Title:	Antenna Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

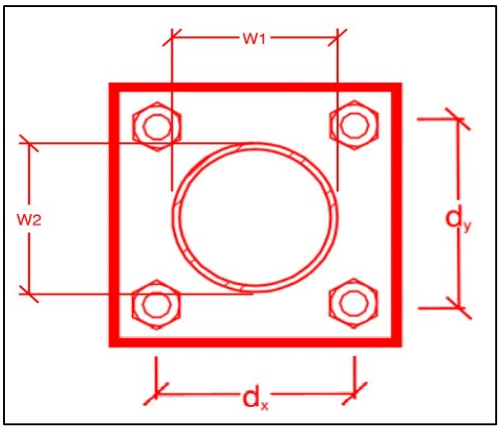
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N115A	30
N117A	150
N113B	270



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.5
Required Tensile Strength (kips):	2.8
Required Shear Strength (kips):	2.4
Tensile Strength / bolt (kips):	13.3
Shear Strength / bolt (kips):	8.0
Tensile Capacity Overall:	**5.3%***
Shear Capacity Overall:	**7.4%**



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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

Base Requirements:

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

Photo Requirements:

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

        - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
    - Photos showing the safety climb wire rope above and below the mount prior to modification.
    - Photos showing the climbing facility and safety climb if present.

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Response:

Schedule A – Photo & Document File Structure

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

Structure: 467302-VZW - CHESTERFIELD CT

Sector: **A** 8/6/2021

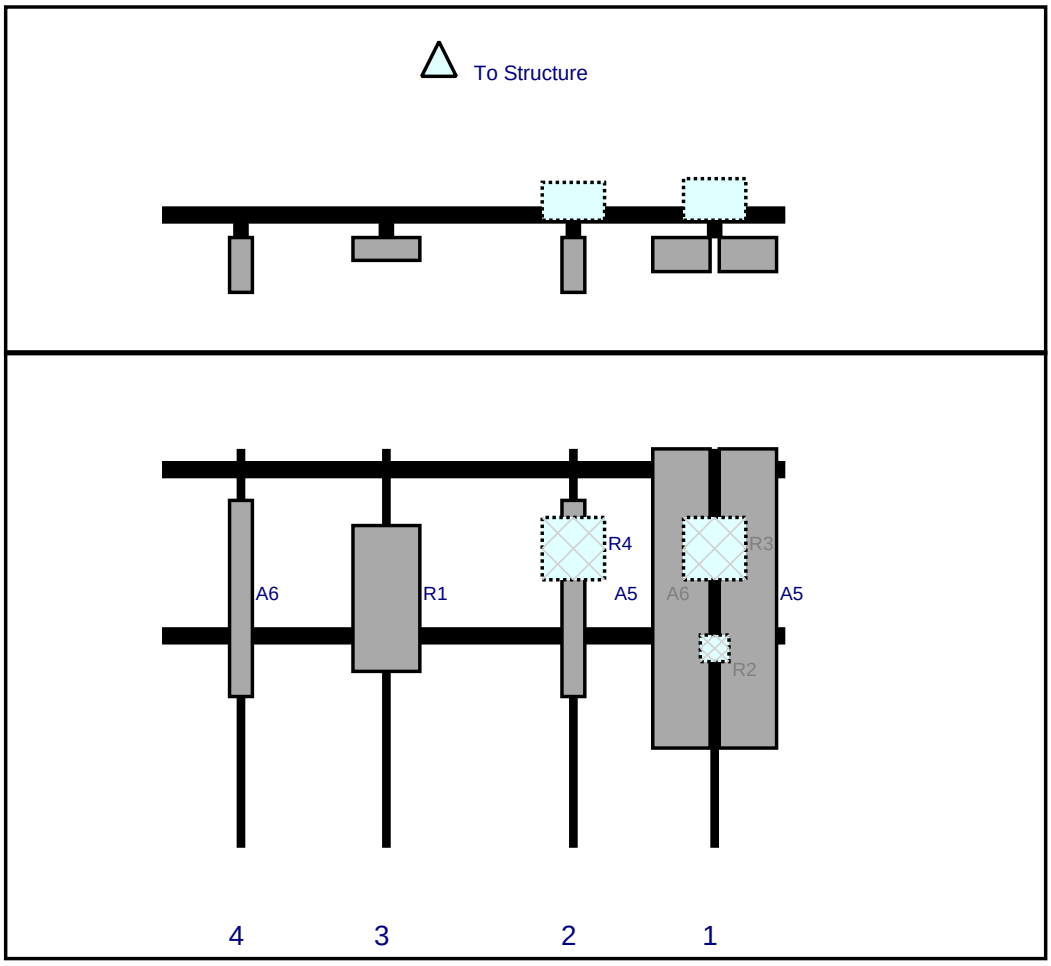
Structure Type: Monopole 10046595

Mount Elev: 166.50 Page: 1

MASER CONSULTING CONNECTICUT

Plan View

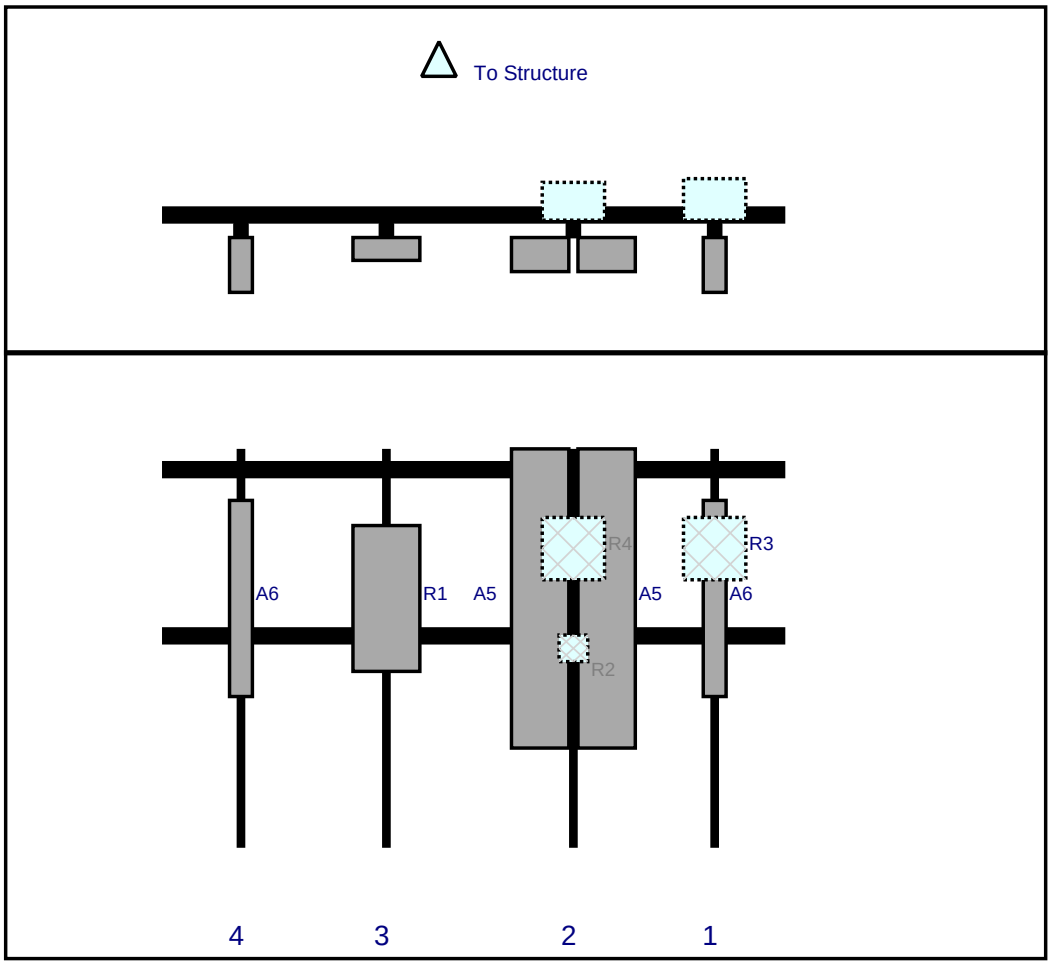
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	LPA-80080-4CF-EDIN-6	47.2	5.5	19	4	a	Front	36	0	Retained	04/05/2021
A5	JAHH-65B-R3B	72	13.8	133	1	a	Front	36	-8	Retained	04/05/2021
A5	JAHH-65B-R3B	72	13.8	133	1	b	Front	36	8	Retained	04/05/2021
R2	CBC78T-DS-43	6.4	6.9	133	1	a	Behind	48	0	Added	
R3	RF4439d-25A	15	15	133	1	a	Behind	24	0	Added	
A6	LPA-80080-4CF-EDIN-6	47.2	5.5	99	2	a	Front	36	0	Retained	04/05/2021
R4	RF4440d-13A	15	15	99	2	a	Behind	24	0	Added	
R1	MT6407-77A	35.1	16.1	54	3	a	Front	36	0	Added	

Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
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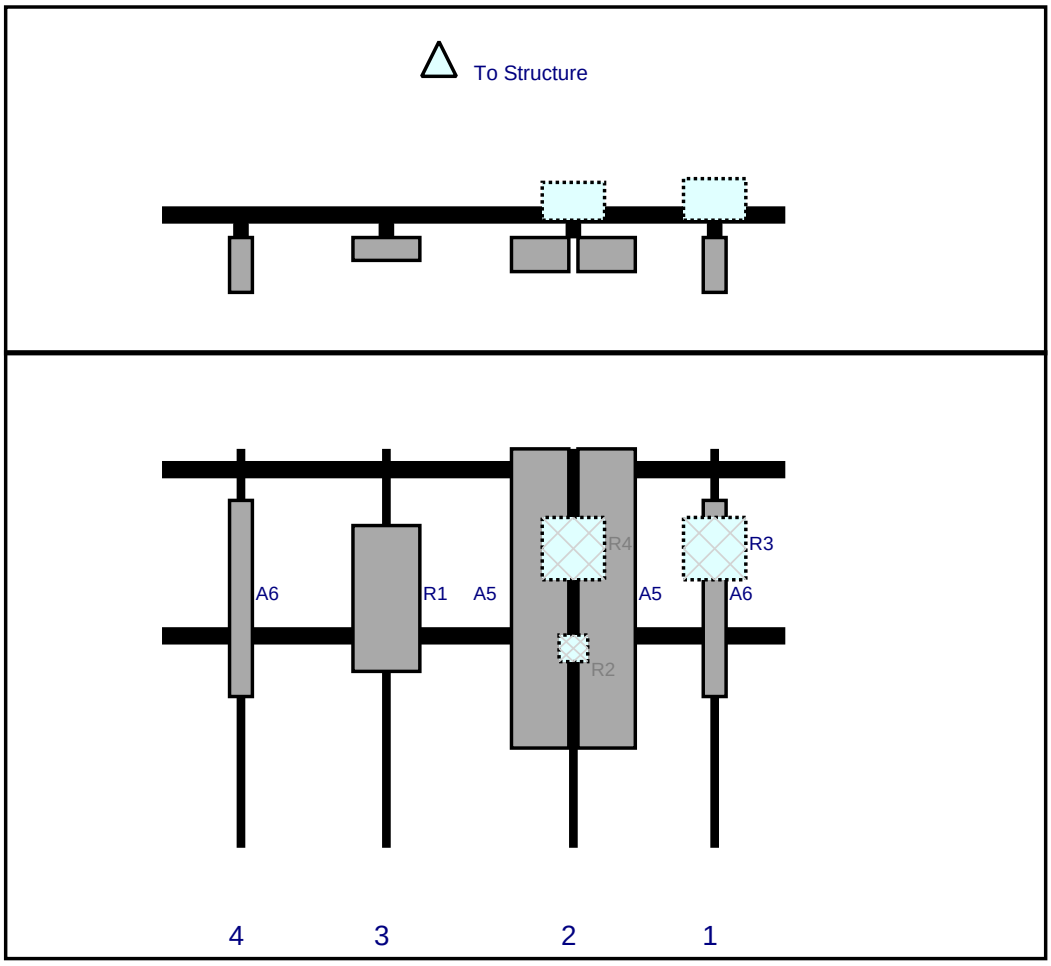
A5	JAHH-65B-R3B	72	13.8	99	2	b	Front	36	-8	Retained	04/05/2021
A5	JAHH-65B-R3B	72	13.8	99	2	c	Front	36	8	Retained	04/05/2021
R2	CBC78T-DS-43	6.4	6.9	99	2	a	Behind	48	0	Added	
R4	RF4440d-13A	15	15	99	2	a	Behind	24	0	Added	
R1	MT6407-77A	35.1	16.1	54	3	a	Front	36	0	Added	
A6	LPA-80080-4CF-EDIN-6	47.2	5.5	133	1	a	Front	36	0	Retained	04/05/2021
R3	RF4439d-25A	15	15	133	1	a	Behind	24	0	Added	

Plan View

Front View
Looking at Structure



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A5	JAHH-65B-R3B	72	13.8	99	2	a	Front	36	-8	Retained	04/05/2021
A5	JAHH-65B-R3B	72	13.8	99	2	b	Front	36	8	Retained	04/05/2021
R2	CBC78T-DS-43	6.4	6.9	99	2	a	Behind	48	0	Added	
R4	RF4440d-13A	15	15	99	2	a	Behind	24	0	Added	
A6	LPA-80080-4CF-EDIN-6	47.2	5.5	19	4	a	Front	36	0	Retained	04/05/2021
R1	MT6407-77A	35.1	16.1	54	3	a	Front	36	0	Added	

Maser Consulting Connecticut

Subject	TIA-222-H Usage	
Site Information	Site ID:	*467302-VZW / CHESTERFIELD CT*
	Site Name:	*CHESTERFIELD CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*41 Beckwith Rd* *Oakdale, Connecticut 06370* *New London County*
	Latitude:	*41.435472°*
	Longitude:	*-72.220833°*
Structure Information	Tower Type:	180-Ft Monopole
	Mount Type:	*12.50-Ft Platform*

To Whom It May Concern,

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

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

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

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

Sincerely,

Dejian Xu

Dejian Xu, PE
Technical Manager

Exhibit F

Power Density/RF Emissions Report

Site Name: ***MONTVILLE NW CT***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	641	2565	167	0.0033	0.5007	0.66%
VZW CDMA	877.26	2	499	998	167	0.0013	0.5848	0.22%
VZW Cellular	874	4	690	2761	167	0.0036	0.5827	0.61%
VZW PCS	1977.5	4	1466	5862	167	0.0076	1.0000	0.76%
VZW AWS	2120	4	1626	6502	167	0.0084	1.0000	0.84%
VZW CBAND	3730.08	4	6531	26125	167	0.0337	1.0000	3.37%
Total Percentage of Maximum Permissible Exposure								6.45%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz
mW/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used.

Colin Robinson

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Sent: Thursday, October 14, 2021 9:44 AM
To: Colin Robinson
Subject: FedEx Shipment 774964473941: Your package has been delivered

Hi. Your package was delivered Thu, 10/14/2021 at 9:41am.

Delivered to 10 FRANKLIN SQ, NEW BRITAIN, CT 06051

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER	774964473941
FROM	NB+C 100 Apollo Dr. Suite 303 CHELMSFORD, MA, US, 01824
TO	Connecticut Siting Council Melanie A. Bachman

	10 Franklin Square NEW BRITAIN, CT, US, 06051
REFERENCE	100788 876370 MONTVILLE CT
SHIPPER REFERENCE	100788 876370 MONTVILLE CT
SHIP DATE	Wed 10/13/2021 06:21 PM
PACKAGING TYPE	FedEx Envelope
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	NEW BRITAIN, CT, US, 06051
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	2.00 LB
SERVICE TYPE	FedEx Standard Overnight

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