NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

Northeast Site Solutions
Denise Sabo
4 Angela's Way, Burlington CT 06013
203-435-3640
denise@northeastsitesolutions.com

November 22, 2021

Members of the Siting Council
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

RE: Exempt Modification Application
319 Peter Green Road, Tolland, CT 06084
Latitude: 41.896611
Longitude: -72.393750
Site #: 846293_Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 319 Peter Green Road, Tolland, CT 06084. Verizon Wireless currently maintains twelve (12) antennas at the 110-foot level of the existing 120-foot tower. The property is owned by George Krechko et al, and the tower is owned by Crown Castle. Verizon now intends to replace six (6) antennas and add three (3) antennas. The new antennas would be installed at the 110-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable. Mount modifications will be installed per the attached Maser Mount Analysis report dated September 10, 2021.

Verizon Planned Modifications:

Remove: None

Remove and Replace:
(6) LPA-80063-6CF Antennas (REMOVE) – (6) NHH-65B-R2B Antennas (REPLACE)

Install New:
(3) MT6407-77A Antennas
(3) Samsung RF440D-13A
(3) Samsung RF4439D-25A
(1) Hybrid Line
(1) Raycap OVP

Existing to Remain:
(6) ANTEL Antennas
(10) 1-5/8" Coax

The facility was approved by the Connecticut Siting Council on October 26, 2004 in Docket No. 276. Please see attached.

NORTHEAST SITE SOLUTIONS

Turnkey Wireless Development

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies§ 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.SA. § 16-SOj-73, a copy of this letter is being sent to Tammy Nuccio, Town Council Chair, Lisa Hancock, Interim Town Manager and David Corcoran, Director of Planning & Development for the Town of Tolland. A copy is also being sent to the tower owner and property owner.

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

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

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

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. The existing structure and its foundation can support the proposed loading.

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

Sincerely,

Denise Sabo
Mobile: 203-435-3640
Fax: 413-521-0558
Office: 4 Angela's Way, Burlington CT 06013
E-mail: denise@northeastsitesolutions.com

NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

Attachments

Cc: Tammy Nuccio, Town Council Chair
Town of Tolland
21 Tolland Green
Tolland, CT 06084

Lisa Hancock, Interim Town Manager
Town of Tolland
21 Tolland Green
Tolland, CT 06084

David Corcoran, Director of Planning & Development
Town of Tolland
21 Tolland Green
Tolland, CT 06084

George Krechko et al
243 Bald Hill Road
Tolland, CT 06084

Crown Castle, Tower Owner

Exhibit A

Original Facility Approval

DOCKET NO. 276 – AT&T Wireless PCS, LLC d/b/a AT&T Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a wireless telecommunications facility at 319 Peter Green Road or 455 Crystal Lake Road, Tolland, Connecticut.	} } }	Connecticut Siting Council October 26, 2004

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to AT&T Wireless PCS, LLC d/b/a AT&T Wireless, hereinafter referred to as the Certificate Holder, for a telecommunications facility at Site A, located at 319 Peter Green Road, Tolland, Connecticut. The Council denies certification of Site B, located at 455 Crystal Lake Road, Tolland, Connecticut.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of AT&T Wireless and other entities, both public and private, but such tower shall not exceed a height of 120 feet above ground level. The height at the top of the antennas shall not exceed 123 feet above ground level.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Tolland for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:

   a. a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment building, access road, utility line, and landscaping; and

   b. construction plans for site clearing, water drainage, and erosion and sedimentation control consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

3. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case

modeling of electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of electromagnetic radio frequency power density is submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

4. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
6. The Certificate Holder shall provide reasonable space on the tower for no compensation for any municipal antennas, provided such antennas are compatible with the structural integrity of the tower.
7. If the facility does not initially provide wireless services within one year of completion of construction or ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.
8. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and cease to function.
9. Unless otherwise approved by the Council, this Decision and Order shall be void if the facility authorized herein is not operational within one year of the effective date of this Decision and Order or within one year after all appeals to this Decision and Order have been resolved. Any request for extension of this period shall be filed with the Council not later than sixty days prior to expiration date of this Certificate and shall be served on all parties and intervenors and the Town of Tolland, as listed in the service list. Any proposed modifications to this Decision and Order shall likewise be so served.

Pursuant to General Statutes § 16-50p, the Council hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in The Hartford Courant and the Journal Inquirer.

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

Exhibit B

Property Card

319 PETER GREEN ROAD

Location	319 PETER GREEN ROAD	**Mblu**	9/ I/ 16/00 /
Acct#	1880	**Owner**	KRECHKO GEORGE & MARK A & RICHARD &
Assessment	$179,505	**Appraisal**	$1,134,500
PID	1111	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2019	$0	$1,134,500	$1,134,500

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2019	$0	$179,505	$179,505

Owner of Record

Owner	KRECHKO GEORGE & MARK A & RICHARD &	**Sale Price**	$0
Co-Owner	BROWN SHELLEY	**Certificate**	
Address	243 BALD HILL RD TOLLAND, CT 06084	**Book & Page**	1042/0294
		Sale Date	09/26/2006

Ownership History

Ownership History				
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Sale Date**
KRECHKO GEORGE & MARK A & RICHARD &	$0		1042/0294	09/26/2006
KRECHKO GEORGE & HENRY	$0		0985/0286	08/24/2005
KRECHKO HENRY & GEORGE	$0		0190/0057	01/02/1900

Building Information

Building 1 : Section 1

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

Replacement Cost
Less Depreciation: $0

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

Building Photo

(http://images.vgsi.com/photos/TollandCTPhotos//default.jpg)

Building Layout

(http://images.vgsi.com/photos/TollandCTPhotos//Sketches/1111_1115.jpg)

Building Sub-Areas (sq ft)	Legend
No Data for Building Sub-Areas	

Extra Features

Extra Features	Legend

No Data for Extra Features

Land

Land Use

Use Code	301V
Description	Vacant Indus Acres
Zone	RDD
Neighborhood	
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	69
Frontage	
Depth	
Assessed Value	$179,505
Appraised Value	$1,134,500

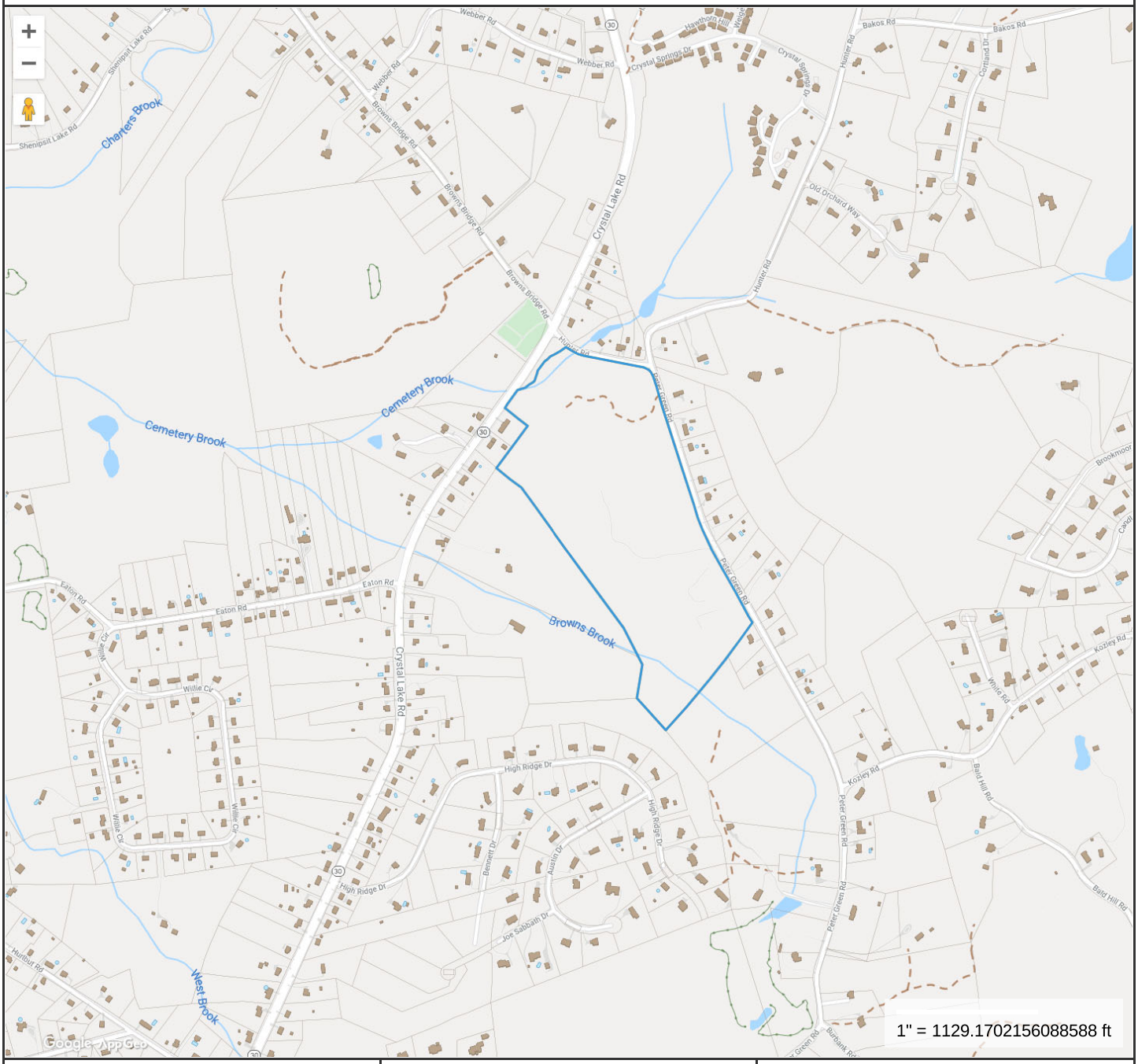
Outbuildings

Outbuildings	Legend
No Data for Outbuildings	

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
4000	$0	$1,134,500	$1,134,500
2020	$0	$1,134,500	$1,134,500
2019	$0	$1,134,500	$1,134,500

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
4000	$0	$179,505	$179,505
2020	$0	$179,505	$179,505
2019	$0	$179,505	$179,505



Property Information

Property ID	09/I/016
Location	319 PETER GREEN ROAD
Owner	KRECHKO GEORGE & MARK A & RICHARD &

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

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

Geometry updated October 25, 2021
Data updated daily

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

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 467657
VERIZON SITE NAME: ELLINGTON SOUTH CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 119'-0"

BUSINESS UNIT #: 846293
SITE ADDRESS: 319 PETER GREEN ROAD TOLLAND, CT 06084
COUNTY: TOLLAND
JURISDICTION: CONNECTICUT SITING COUNCIL

VERIZON 5G L-SUB6 - CARRIER ADD 16273385

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	TOLLAND - PETER GREEN RD
SITE ADDRESS:	319 PETER GREEN ROAD TOLLAND, CT 06084
COUNTY:	TOLLAND
MAP/PARCEL #:	09013142-09/1/016
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41.896614
LONGITUDE:	-72.393731
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	775'
CURRENT ZONING:	RDD
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:	KRECHKO GEORGE & MARK A & RICHARD & 243 BALD HILL RD TOLLAND, CT 06084
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921
ELECTRIC PROVIDER:	BRIDGE SWITCH
TELCO PROVIDER:	T.B.D.

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:	3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065 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	10101460
VzW LOCATION CODE (PSLC)	467657

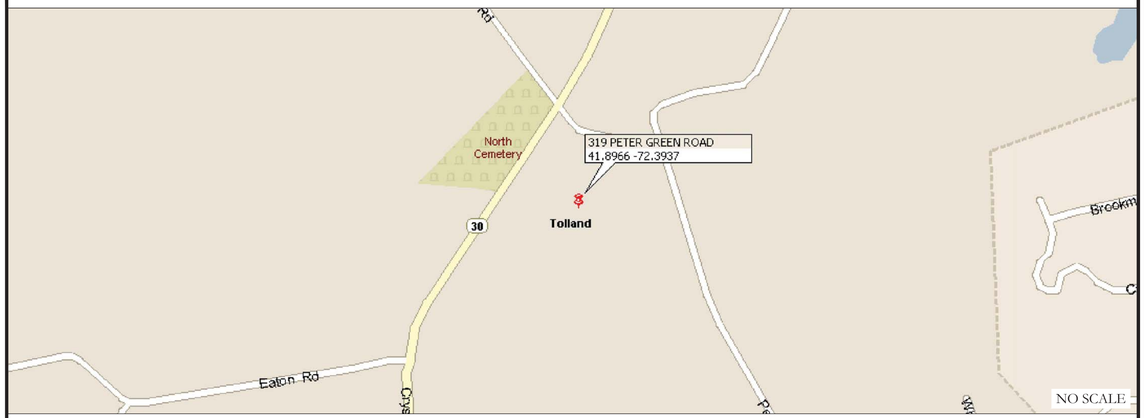
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	Y

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



DRIVING DIRECTIONS FROM BRADLEY INTERNATIONAL AIRPORT:
CONTINUE TO EAST GRANBY TAKE CT-20 E AND CT-140 E TO CIDER MILL RD IN ELLINGTON CONTINUE ON CIDER MILL RD. TAKE GRAHABER RD AND BROWNS BRIDGE RD TO CT-30 S IN TOLLAND TURN RIGHT ONTO CT-30 S

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:	MORRISON HERSHFIELD
DATED:	10/7/21
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	9/10/21
RFDS REVISION:	N/A
DATED:	8/26/21
ORDER ID:	589601
REVISION:	0

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 (6) ANTENNAS
- REMOVE (2) COAX CABLES
- INSTALL MOUNT MODIFICATIONS AS PER MOUNT ANALYSIS DATED 9/10/21.
- INSTALL (9) ANTENNAS
- INSTALL (6) RADIOs
- INSTALL (1) OVP-12 PENDANT
- INSTALL (1) 12X24 HYBRIFLEX LI HYBRID CABLE

GROUND SCOPE OF WORK:
- REMOVE (3) NOKIA - UHBA B13 RRH 4x30

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:
467657

BU #: **846293**
TOLLAND - PETER GREEN RD

319 PETER GREEN ROAD
TOLLAND, CT 06084

EXISTING 119'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/9/21	JJR	CONSTRUCTION	JJR

STATE OF CONNECTICUT
No. 23924
LICENSED
PROFESSIONAL ENGINEER
11/9/21

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:
467657

BU #: **846293**
TOLLAND - PETER GREEN RD

319 PETER GREEN ROAD
TOLLAND, CT 06084

EXISTING 119'-0" MONOPOLE

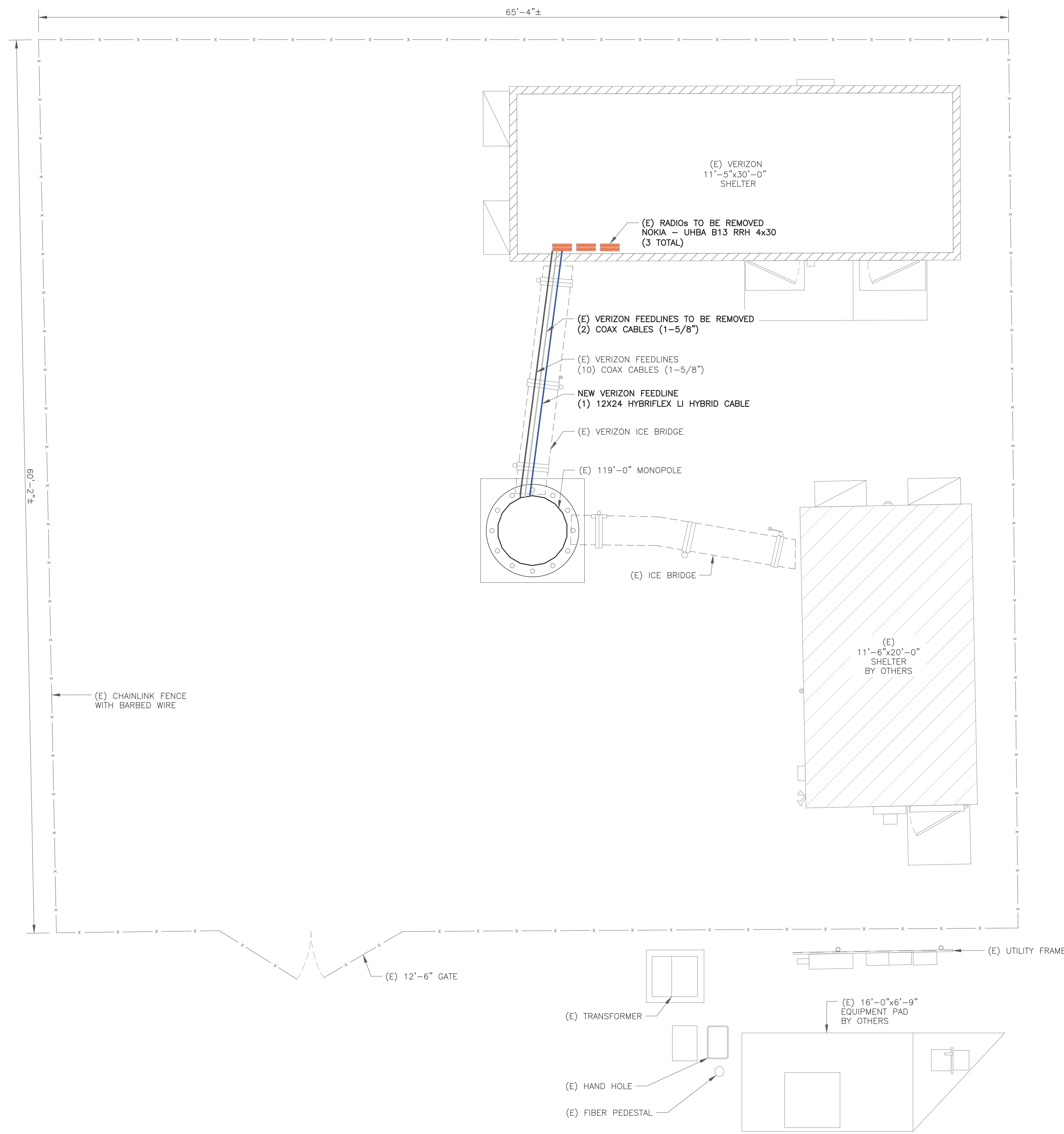
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/9/21	JJR	CONSTRUCTION	JJR

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

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: **T-2**
REVISION: **0**



1 SITE PLAN

SCALE: 4' 3' 2' 1' 0 4' — 1/4"=1'-0" (FULL SIZE) 1/8"=1'-0" (11x17)

N

151920.002.01_TOLLAND – PETER GREEN RD.dwg – Sheet:C-1 – User: jrichardson – Nov 09, 2021 – 11:49am

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:
467657

BU #: **846293**
TOLLAND - PETER GREEN RD

319 PETER GREEN ROAD
TOLLAND, CT 06084

EXISTING 119'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/9/21	JJR	CONSTRUCTION	JJR

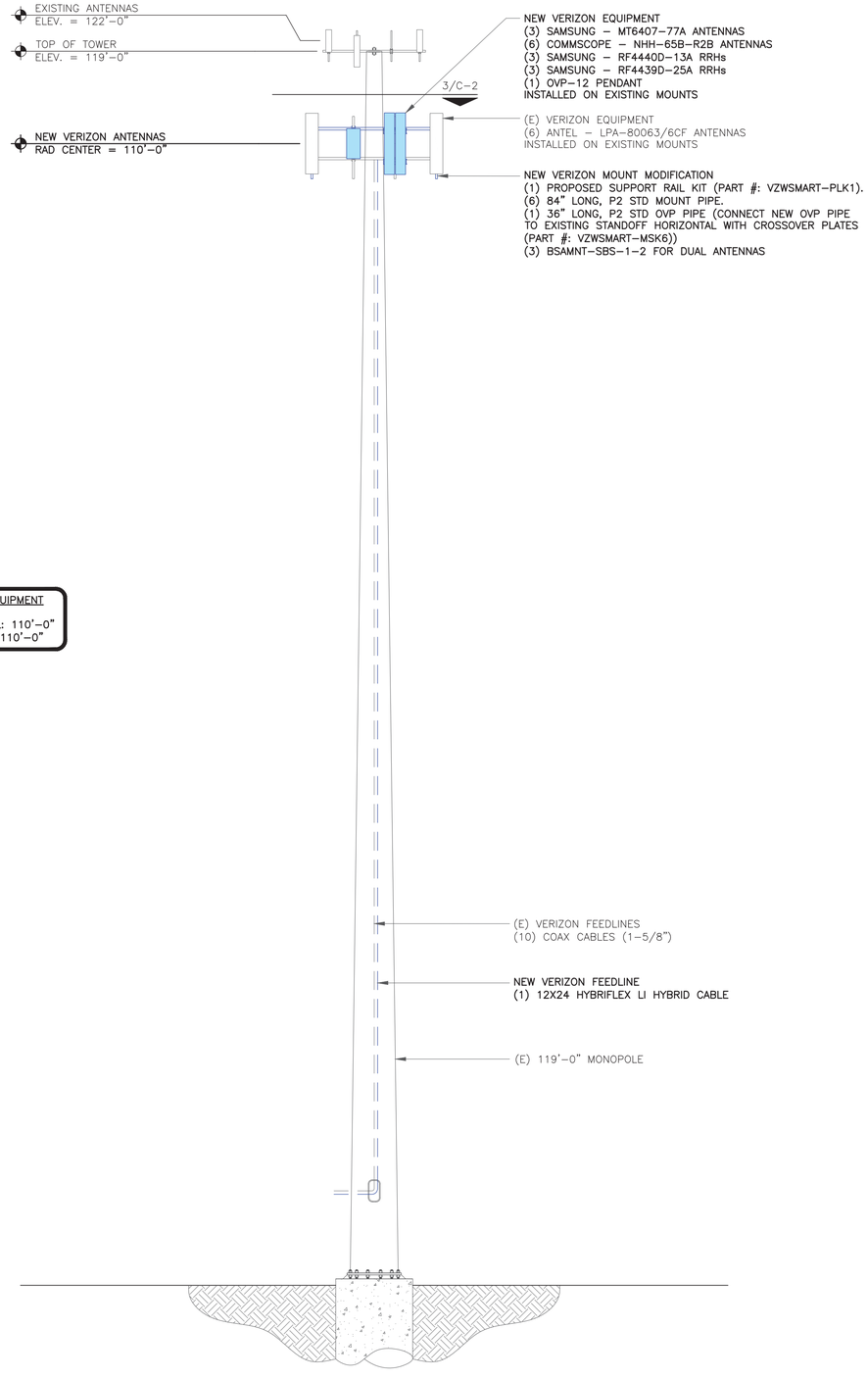
STATE OF CONNECTICUT
No. 23024
LICENSED
PROFESSIONAL ENGINEER
11/9/21

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

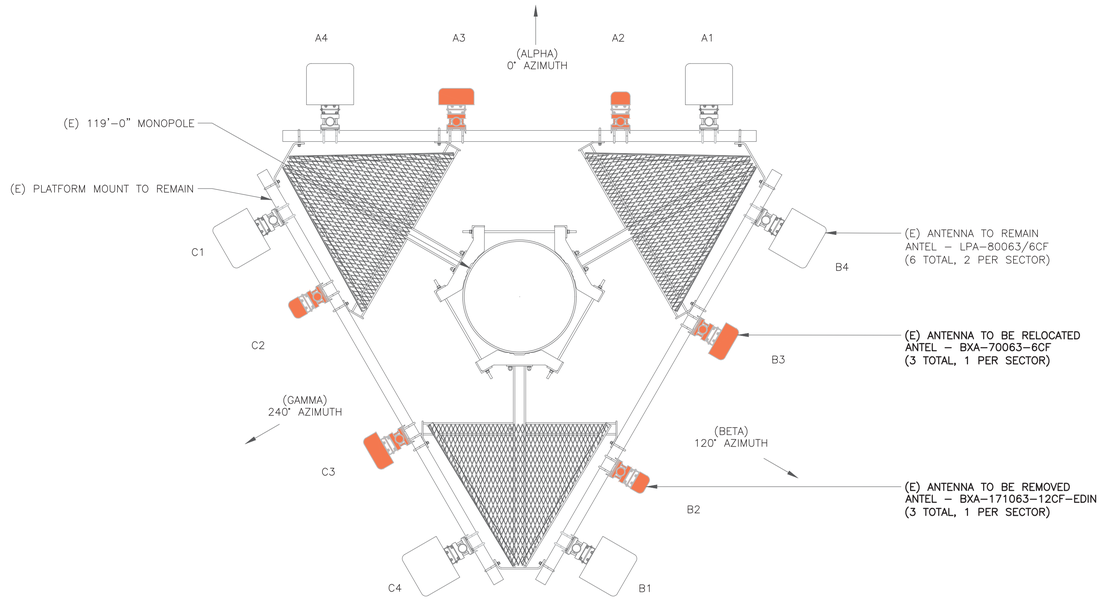
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER: C-1

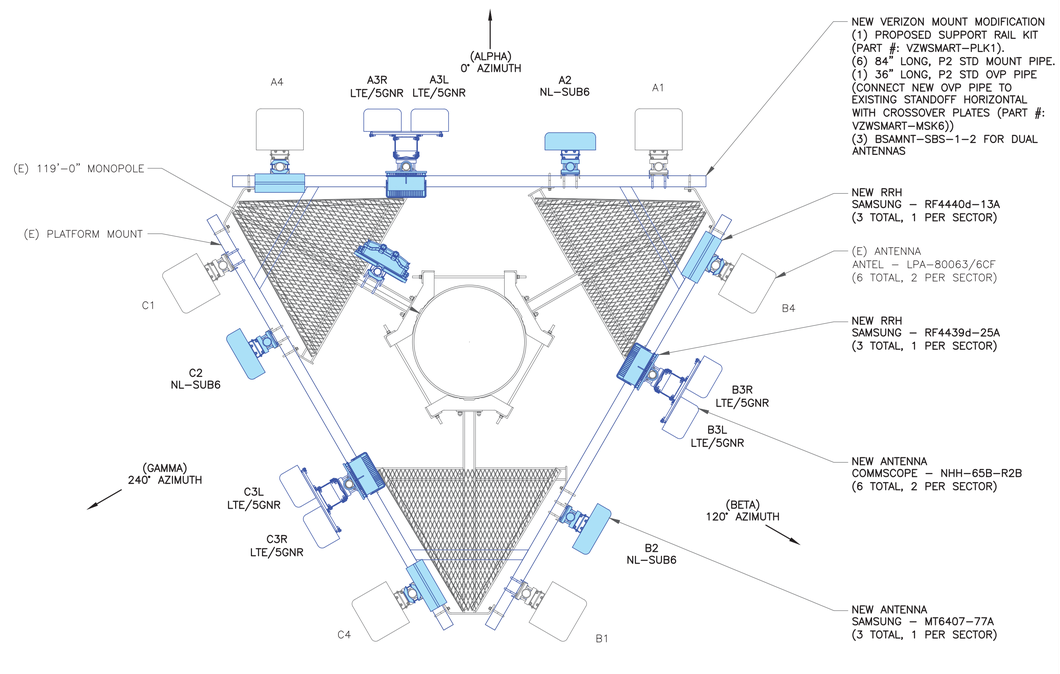
REVISION: 0



1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

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:
467657

BU #: **846293**
TOLLAND - PETER GREEN RD

319 PETER GREEN ROAD
TOLLAND, CT 06084

EXISTING 119'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/9/21	JJR	CONSTRUCTION	JJR

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

SHEET NUMBER: C-2

REVISION: 0

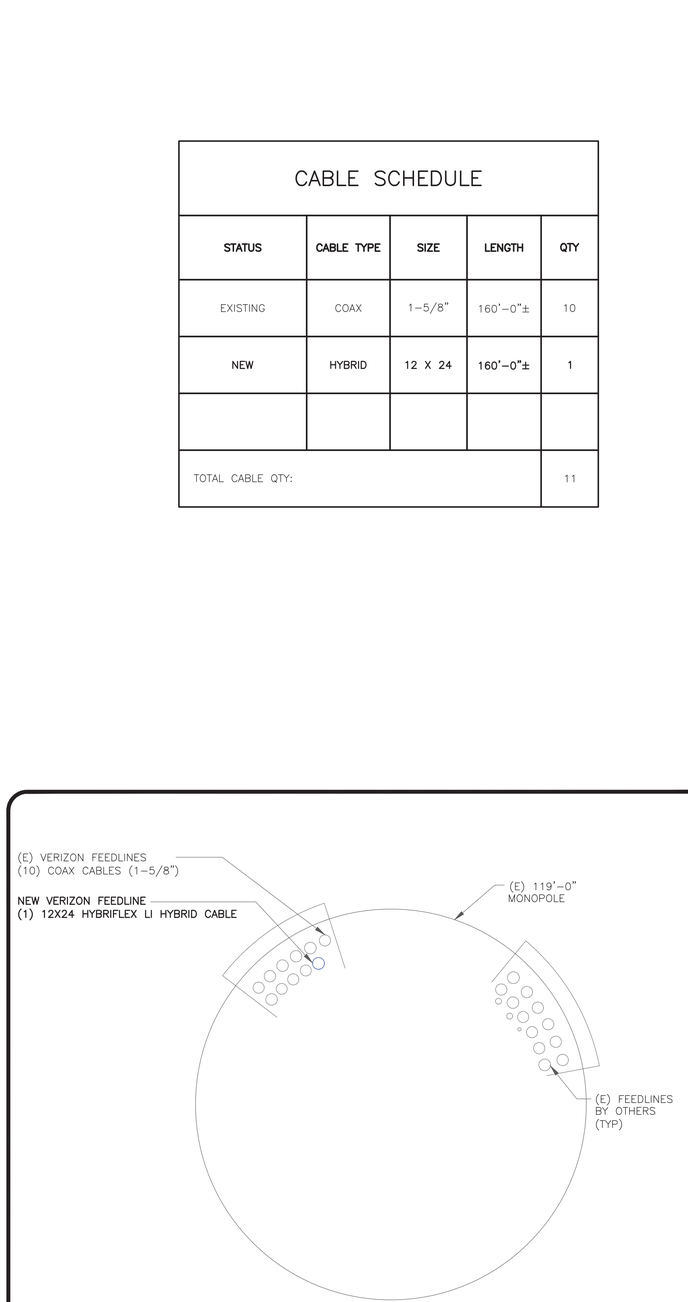
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANTEL	LPA-80063/6CF	110'-0"	0°	2°	2°	–	–
A2	NEW	SAMSUNG	MT6407-77A	110'-0"	0°	0°	6°	RAYCAP	(1) RVZDC-6627-PF-48
A3L	NEW	COMMSCOPE	NHH-65B-R2B	110'-0"	0°	0°	2°/2°/2°/2°/2°	SAMSUNG	(1) RF4440d-13A
A3R	NEW	COMMSCOPE	NHH-65B-R2B	110'-0"	0°	0°	2°/2°/2°/2°/2°	SAMSUNG	(1) RF4439d-25A
A4	EXISTING	ANTEL	LPA-80063/6CF	110'-0"	0°	2°	2°	–	–
B1	EXISTING	ANTEL	LPA-80063/6CF	110'-0"	120°	0°	2°	–	–
B2	NEW	SAMSUNG	MT6407-77A	110'-0"	120°	0°	6°	–	–
B3L	NEW	COMMSCOPE	NHH-65B-R2B	110'-0"	120°	0°	2°/2°/2°/2°/2°	SAMSUNG	(1) RF4440d-13A
B3R	NEW	COMMSCOPE	NHH-65B-R2B	110'-0"	120°	0°	2°/2°/2°/2°/2°	SAMSUNG	(1) RF4439d-25A
B4	EXISTING	ANTEL	LPA-80063/6CF	110'-0"	120°	0°	2°	–	–
C1	EXISTING	ANTEL	LPA-80063/6CF	110'-0"	240°	4°	2°	–	–
C2	NEW	SAMSUNG	MT6407-77A	110'-0"	240°	0°	6°	–	–
C3L	NEW	COMMSCOPE	NHH-65B-R2B	110'-0"	240°	0°	4°/4°/4°/2°/2°	SAMSUNG	(1) RF4440d-13A
C3R	NEW	COMMSCOPE	NHH-65B-R2B	110'-0"	240°	0°	4°/4°/4°/2°/2°	SAMSUNG	(1) RF4439d-25A
C4	EXISTING	ANTEL	LPA-80063/6CF	110'-0"	240°	4°	2°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	160'-0"±	10
NEW	HYBRID	12 X 24	160'-0"±	1
TOTAL CABLE QTY:				11



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

N

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:
467657

BU #: **846293**
TOLLAND - PETER GREEN RD

319 PETER GREEN ROAD
TOLLAND, CT 06084

EXISTING 119'-0" MONOPOLE

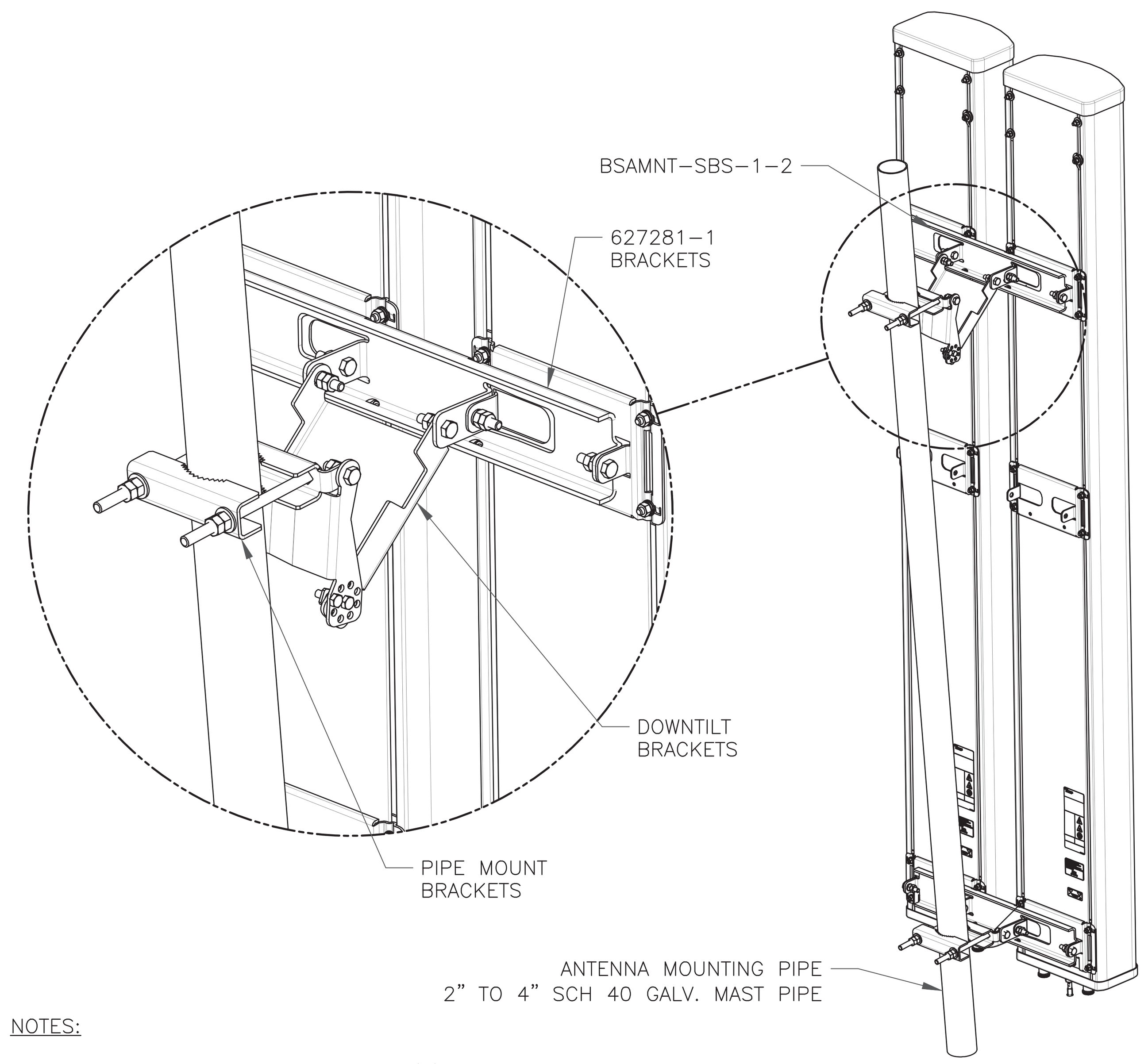
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/9/21	JJR	CONSTRUCTION	JJR

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

SHEET NUMBER: C-3

REVISION: 0

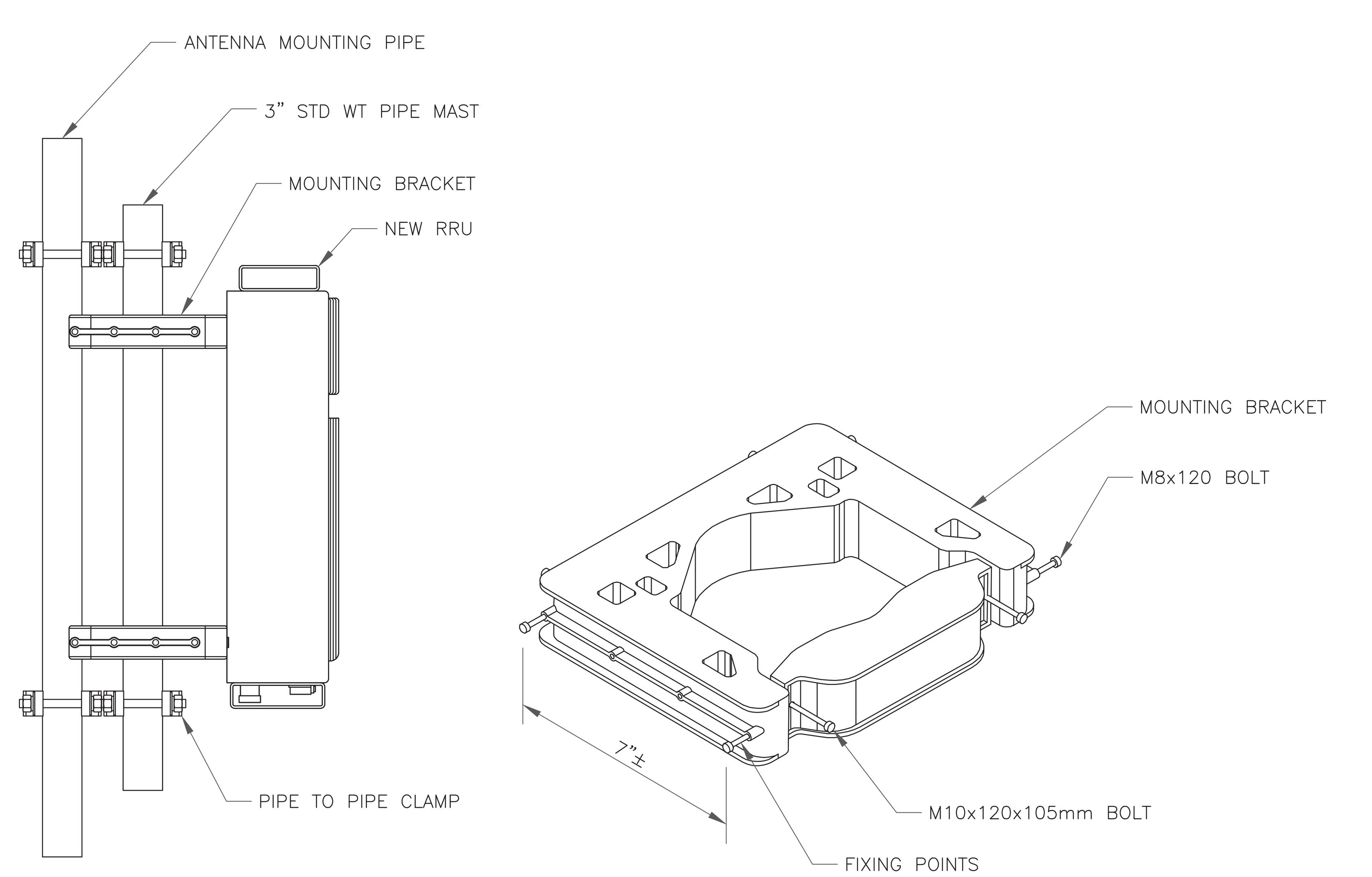


NOTES:

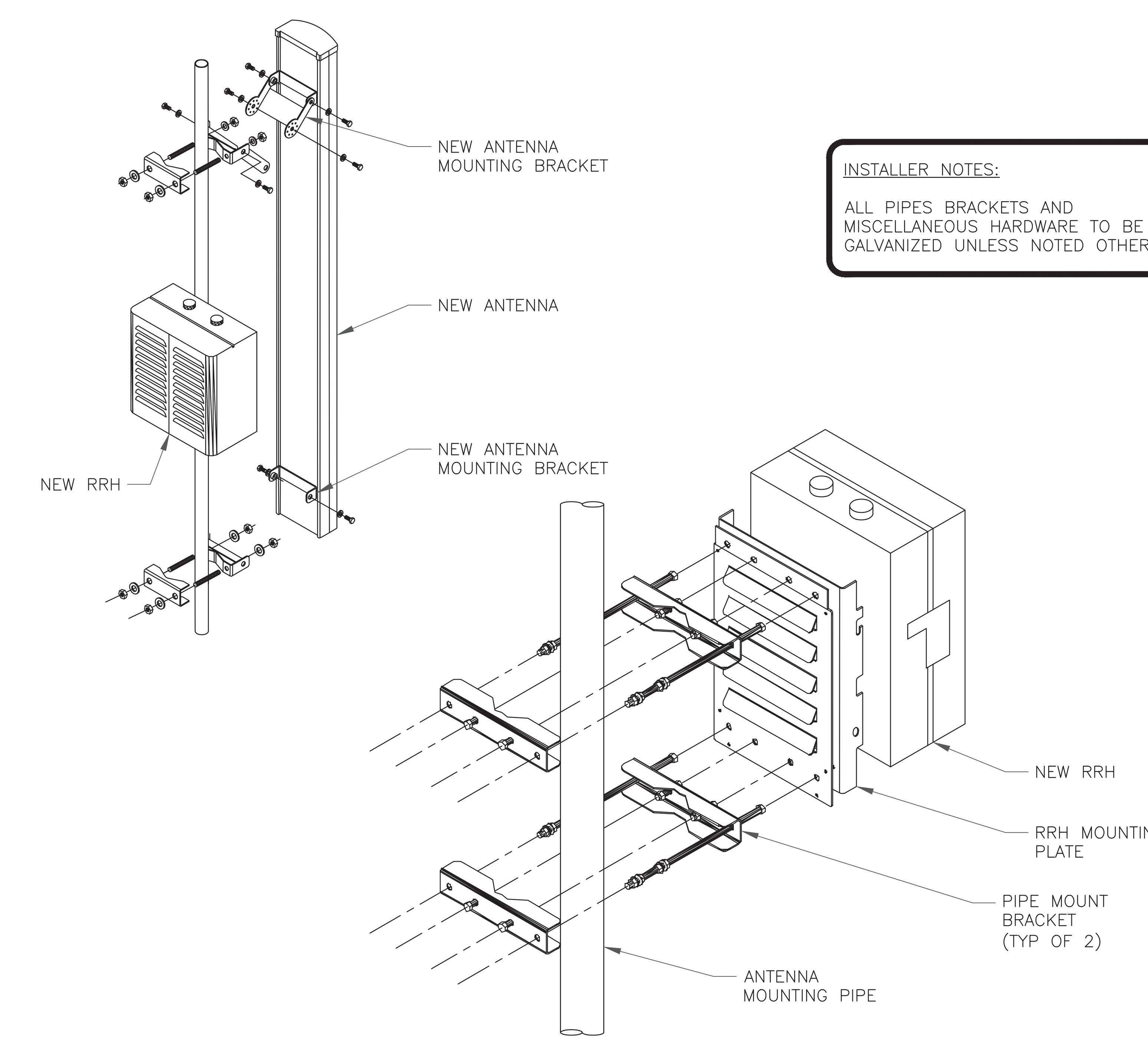
- BSAMNT-SBS-1-2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

1 COMMSCOPE – BSAMNT-SBS-1-2
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

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:
467657

BU #: **846293**
TOLLAND - PETER GREEN RD

319 PETER GREEN ROAD
TOLLAND, CT 06084

EXISTING 119'-0" MONOPOLE

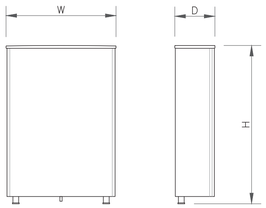
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/9/21	JJR	CONSTRUCTION	JJR

No. 23024 LICENSED PROFESSIONAL ENGINEER
11/9/21

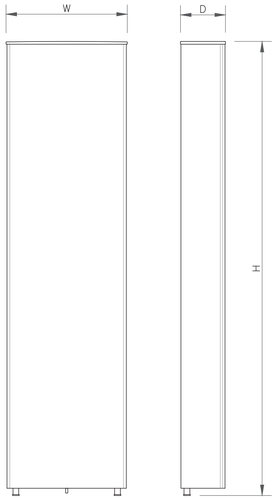
B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/22

SHEET NUMBER: C-4
REVISION: 0



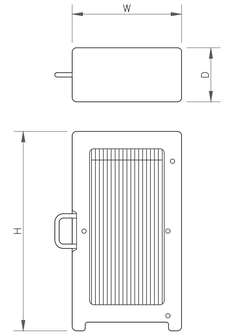
ANTENNA SPECS	
MANUFACTURER	SAMSUNG
MODEL #	MT6407-77A
WIDTH	16.06"
DEPTH	5.51"
HEIGHT	35.06"
WEIGHT	81.57 LBS

1 ANTENNA SPECS
SCALE: NOT TO SCALE



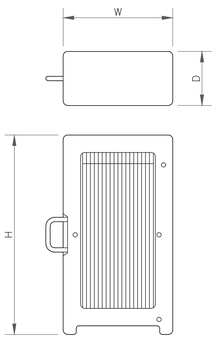
ANTENNA SPECS	
MANUFACTURER	COMMSCOPE
MODEL #	NHH-65B-R2B
WIDTH	11.90"
DEPTH	7.10"
HEIGHT	72.00"
WEIGHT	43.70 LBS

2 ANTENNA 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



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

4 RRU SPECS
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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:
467657

BU #: **846293**
TOLLAND - PETER GREEN RD

319 PETER GREEN ROAD
TOLLAND, CT 06084

EXISTING 119'-0" MONOPOLE

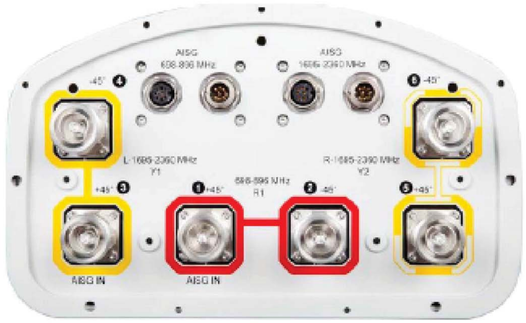
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/9/21	JJR	CONSTRUCTION	JJR

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

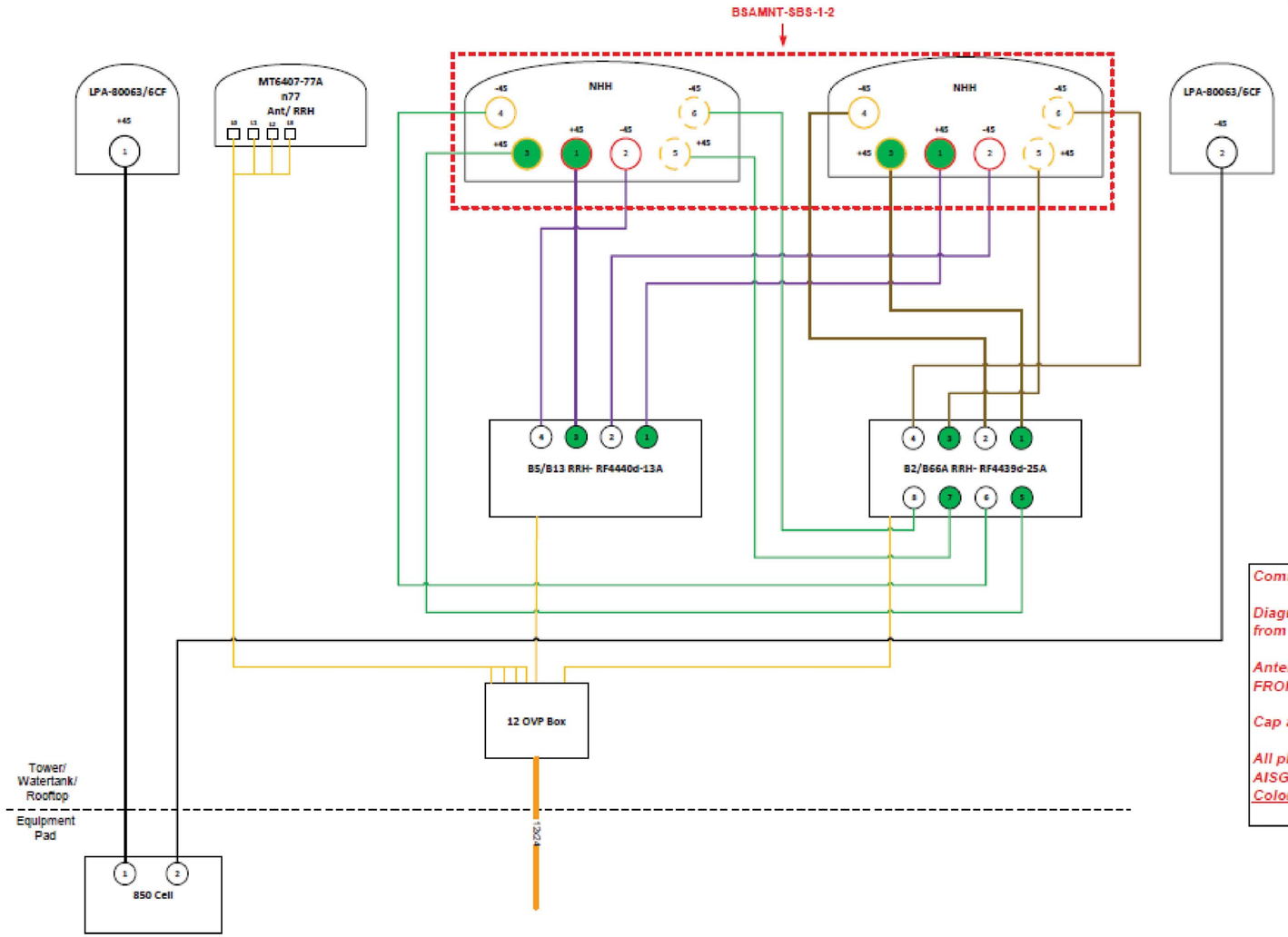
SHEET NUMBER: C-5

REVISION: 0



- 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)

1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

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:
467657

BU #: **846293**
TOLLAND - PETER GREEN RD

319 PETER GREEN ROAD
TOLLAND, CT 06084

EXISTING 119'-0" MONOPOLE

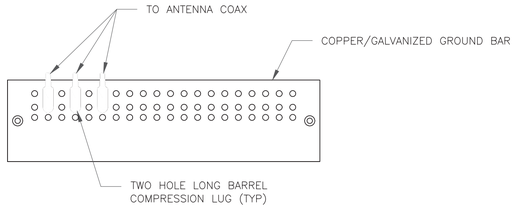
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/9/21	JJR	CONSTRUCTION	JJR

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

SHEET NUMBER: C-6

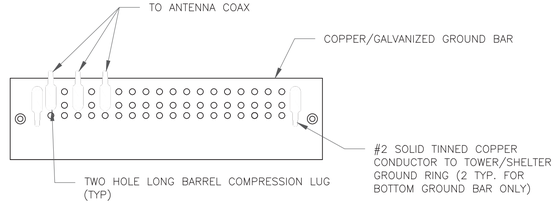
REVISION: 0



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.

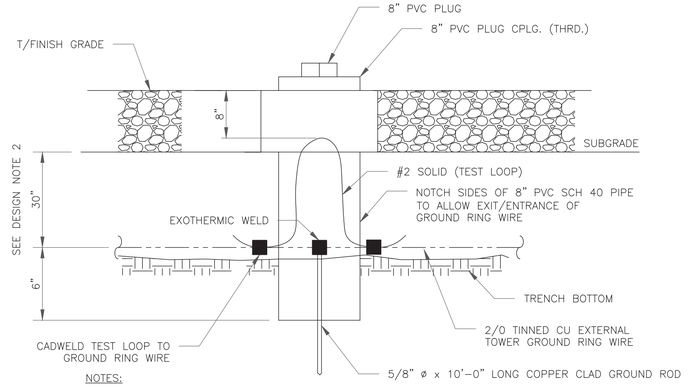
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



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.

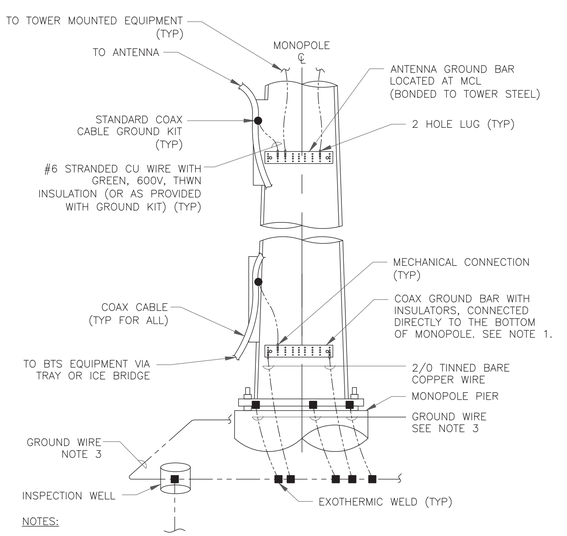
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



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)

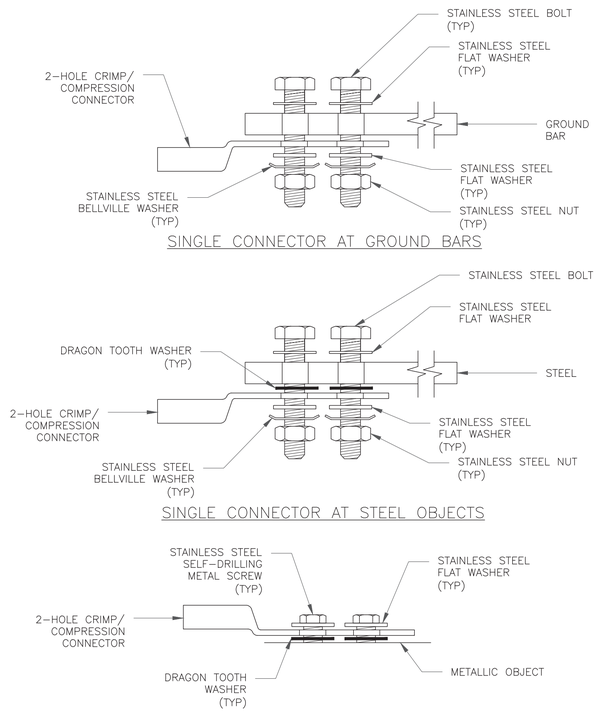
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



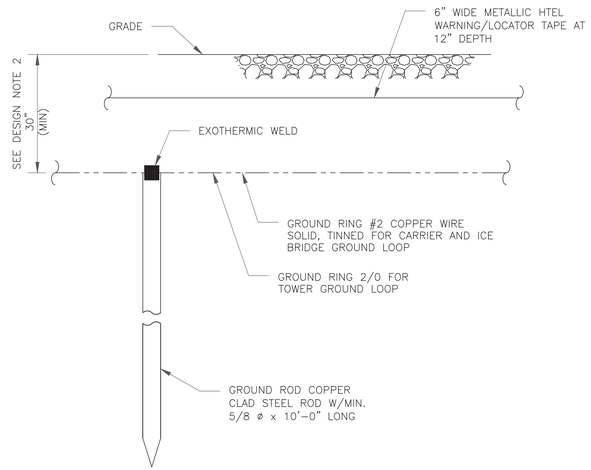
NOTES:

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

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:
467657

BU #: **846293**
TOLLAND - PETER GREEN RD

319 PETER GREEN ROAD
TOLLAND, CT 06084

EXISTING 119'-0" MONOPOLE

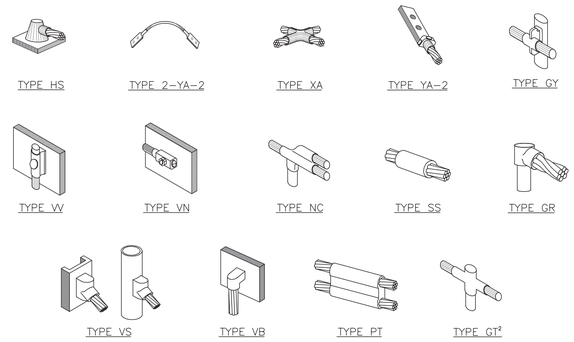
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/9/21	JJR	CONSTRUCTION	JJR

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

SHEET NUMBER: G-1

REVISION: 0

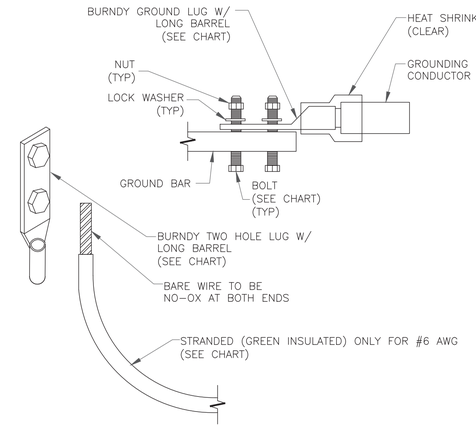


NOTE:

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

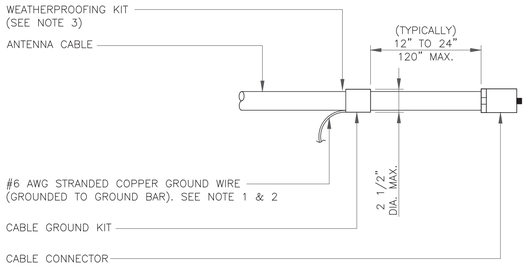
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



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.

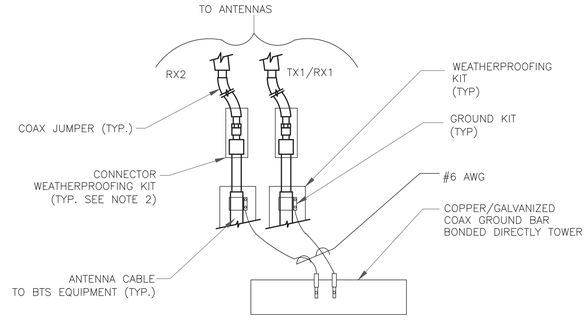
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



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.

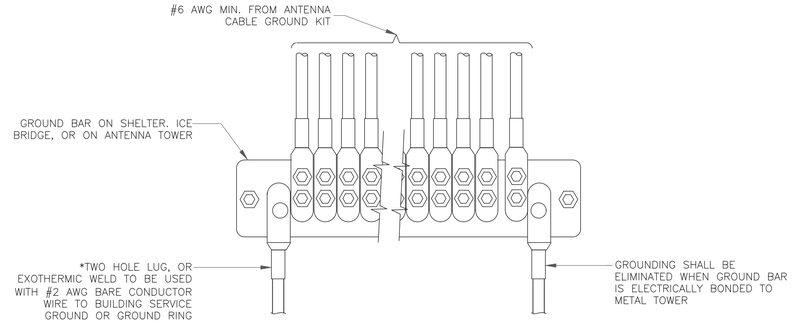
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



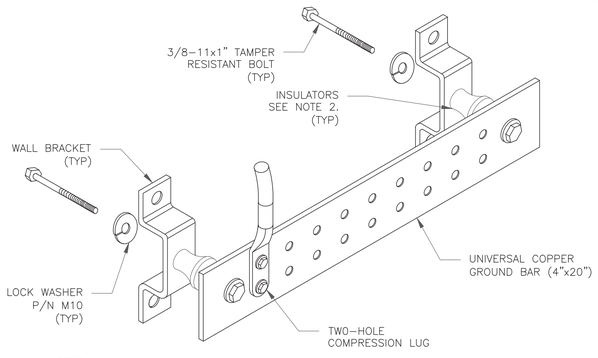
NOTES:

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



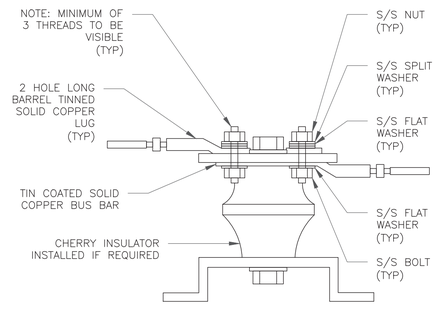
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



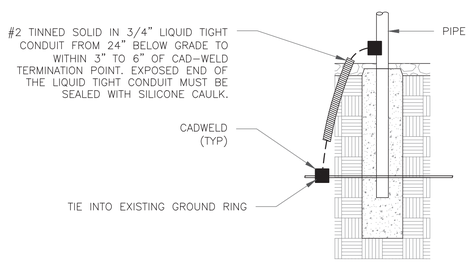
NOTES:

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

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:
467657

BU #: **846293**
TOLLAND - PETER GREEN RD

319 PETER GREEN ROAD
TOLLAND, CT 06084

EXISTING 119'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/9/21	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: **October 07, 2021**

MORRISON HERSHFIELD

Morrison Hershfield
1455 Lincoln Parkway, Suite 500
Atlanta, GA 30346
(770) 379-8500

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	467657
	Site Name:	Ellington South CT
Crown Castle Designation:	**BU Number:**	846293
	Site Name:	Tolland - Peter Green RD
	JDE Job Number:	689158
	Work Order Number:	2028682
	Order Number:	589601 Rev. 0
Engineering Firm Designation:	**Morrison Hershfield Project Number:** CN9-765 / 2101398	
Site Data:	**319 Peter Green Road, Tolland, Tolland County, CT 06084** **Latitude *41° 53' 47.81"*, Longitude *-72° 23' 37.43"*** **119 Foot - Monopole Tower**	

Morrison Hershfield 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:

LC7: Proposed Equipment Configuration **Sufficient Capacity - 45.1%**

This analysis has been performed in accordance with the 2018 Connecticut State Building Code based upon an ultimate 3-second gust wind speed of 118 mph. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Respectfully submitted by:

G. Lance Cooke, P.E. (CT License No. PEN.0028133)
Senior Engineer

Digitally signed by G. Lance Cooke
Date: 2021.10.07 10:32:43-07'00'

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 119 ft Monopole tower designed by Engineered Endeavors, Inc.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	118 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)
110.0	110.0	6	antel	LPA-80063/6CF-2 w/ Mount Pipe	11	1-5/8
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		6	commscope	NHH-65B-R2B		
		3	samsung telecommunications	RF4439D-25A		
		3	samsung telecommunications	RF4440D-13A		
		1	raycap	RVZDC-6627-PF-48		
		3	CommScope	Side-By-Side Mounting Kit [#BSAMNT-SBS-1-2]		
		1	-	Platform Mount [LP 303-1]		

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)
119.0	122.0	1	kmw communications	AM-X-CD-16-65-00T-RET w/ Mount Pipe	12 2 1	1-5/8 7/8 1/2
		6	powerwave technologies	7770.00 w/ Mount Pipe		
		2	powerwave technologies	P65-17-XLH-RR w/ Mount Pipe		
		6	powerwave technologies	LGP21401		
		3	powerwave technologies	LGP13519		
		3	ericsson	RRUS-11		
		3	commscope	CBC721A-03		
		1	raycap	DC6-48-60-18-8F		
	119.0	1	-	Platform Mount [LP 712-1]		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
100.0	100.0	3	jma wireless	MX08FRO665-21 w/ Mount Pipe	1	1-1/2
		3	fujitsu	TA08025-B604		
		3	fujitsu	TA08025-B605		
		1	raycap	RDIDC-9181-PF-48		
		1	-	Commscope MC-PK8-DSH		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	4705338	CCISITES
4-TOWER MANUFACTURER DRAWINGS	4705380	CCISITES
4-GEOTECHNICAL REPORTS	6176222	CCISITES

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) 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. Morrison Hershfield 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	119 - 95.11	Pole	TP26.2449x18.5x0.1875	1	-10.55	907.73	27.6	Pass
L2	95.11 - 47.1673	Pole	TP41.3419x24.6441x0.25	2	-17.22	1913.69	45.1	Pass
L3	47.1673 - 0	Pole	TP56x39.0125x0.3125	3	-29.81	3392.81	41.2	Pass
							Summary	
						Pole (L2)	45.1	Pass
						Rating =	45.1	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	27.7	Pass
1	Base Plate		26.0	Pass
1	Base Foundation (Structure)	0	33.2	Pass
1	Base Foundation (Soil Interaction)		31.8	Pass

Structure Rating (max from all components) =	45.1%*

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.

4.1) Recommendations

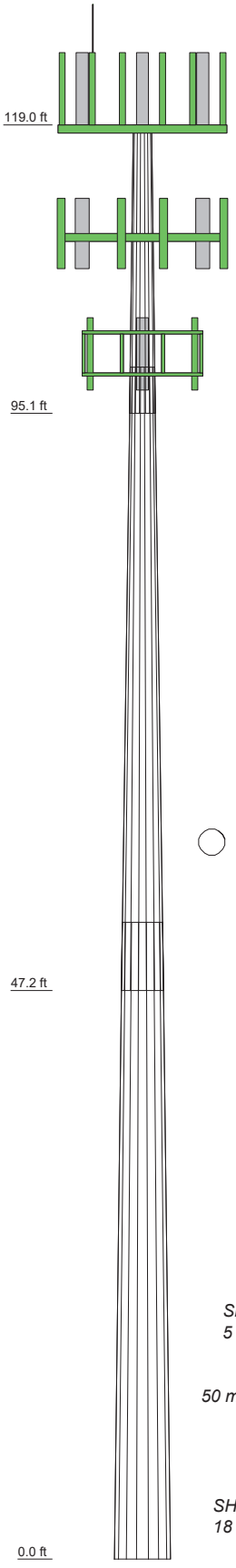
The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A

TNXTOWER OUTPUT

Section	1	2	3
Length (ft)	23.89	51.72	52.83
Number of Sides	18	18	18
Thickness (in)	0.1875	0.2500	0.3125
Socket Length (ft)	3.78	5.67	
Top Dia (in)	18.5000	24.6441	39.0125
Bot Dia (in)	26.2449	41.3419	56.0000
Grade	A572-65		
Weight (K)	1.1	4.6	8.4

14.1



ALL REACTIONS ARE FACTORED

AXIAL 51 K
SHEAR 5 K
MOMENT 494 kip-ft
TORQUE 0 kip-ft
50 mph WIND - 1.5000 in ICE

AXIAL 30 K
SHEAR 18 K
MOMENT 1577 kip-ft
TORQUE 0 kip-ft
REACTIONS - 118 mph WIND

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Tolland County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 118 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 0.00 ft
8. TOWER RATING: 45.1%

Morrison Hershfield
Consulting Engineers
1455 Lincoln Parkway, Suite 500
Atlanta, GA 30346
Phone: (770) 379-8500
FAX: (770) 379-8501

Job: CN9-765 / 2101398			
Project: 846293 / Tolland - Peter Green Rd			
Client: Crown Castle USA	Drawn by: SVenkat	App'd:	
Code: TIA-222-H	Date: 10/07/21	Scale: NTS	
Path: C:\Users\SVenkat\OneDrive - MORRISON HERSHFIELD\Desktop\CN9-765\KCM\CN9-765 BU_846293 WO_20286821.eri		Dwg No. E-1	

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 Tolland County, Connecticut.
- Tower base elevation above sea level: 697.00 ft.
- Basic wind speed of 118 mph.
- Risk Category II.
- Exposure Category B.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.00 ft.
- Nominal ice thickness of 1.5000 in.
- Ice thickness is considered to increase with height.
- Ice density of 56 pcf.
- A wind speed of 50 mph is used in combination with ice.
- Temperature drop of 50 °F.
- Deflections calculated using a wind speed of 60 mph.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in pole design is 1.
- 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	119.00-95.11	23.89	3.78	18	18.5000	26.2449	0.1875	0.7500	A572-65 (65 ksi)
L2	95.11-47.17	51.72	5.67	18	24.6441	41.3419	0.2500	1.0000	A572-65 (65 ksi)
L3	47.17-0.00	52.83		18	39.0125	56.0000	0.3125	1.2500	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	18.7565	10.8982	461.7305	6.5009	9.3980	49.1307	924.0685	5.4501	2.9260	15.605
	26.6208	15.5074	1330.2672	9.2504	13.3324	99.7770	2662.2848	7.7552	4.2891	22.875
L2	26.2252	19.3567	1455.2461	8.6599	12.5192	116.2413	2912.4070	9.6802	3.8974	15.589
	41.9411	32.6064	6955.8955	14.5876	21.0017	331.2065	13920.9437	16.3063	6.8362	27.345
L3	41.4163	38.3856	7263.2100	13.7385	19.8184	366.4888	14535.9772	19.1964	6.3162	20.212
	56.8157	55.2350	21640.5133	19.7691	28.4480	760.7042	43309.5018	27.6228	9.3060	29.779

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 119.00-95.11				1	1	1			
L2 95.11-47.17				1	1	1			
L3 47.17-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
******										
Safety Line 5/8"	C	No	Surface Ar (CaAa)	119.00 - 9.00	1	1	0.000 0.000	0.8800		0.40
Climbing Pegs	C	No	Surface Ar (CaAa)	119.00 - 9.00	1	1	-0.050 0.050	0.7050		1.80
******										

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 plf
******									
LDF4-50A(1/2)	C	No	No	Inside Pole	119.00 - 8.00	1	No Ice	0.00	0.15
							1/2" Ice	0.00	0.15
							1" Ice	0.00	0.15
							2" Ice	0.00	0.15
LDF5-50A(7/8)	C	No	No	Inside Pole	119.00 - 8.00	2	No Ice	0.00	0.33
							1/2" Ice	0.00	0.33
							1" Ice	0.00	0.33
							2" Ice	0.00	0.33
LDF7-50A(1-5/8)	C	No	No	Inside Pole	119.00 - 8.00	12	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
							2" Ice	0.00	0.82
******									
LDF7-50A(1-5/8)	B	No	No	Inside Pole	110.00 - 7.00	10	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
							2" Ice	0.00	0.82
***									
HB158-U12S24-XXX-LI(1-5/8)	B	No	No	Inside Pole	110.00 - 7.00	1	No Ice	0.00	3.20
							1/2" Ice	0.00	3.20
							1" Ice	0.00	3.20
							2" Ice	0.00	3.20
******									
CU12PSM9P6XXX (1-1/2)	C	No	No	Inside Pole	100.00 - 5.00	1	No Ice	0.00	2.35
							1/2" Ice	0.00	2.35
							1" Ice	0.00	2.35
							2" Ice	0.00	2.35
******									

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	119.00-95.11	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.17
		C	0.000	0.000	3.787	0.000	0.32
L2	95.11-47.17	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.55
		C	0.000	0.000	7.599	0.000	0.73
L3	47.17-0.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.46
		C	0.000	0.000	6.050	0.000	0.60

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	119.00-95.11	A	1.433	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.17
		C		0.000	0.000	17.483	0.000	0.50
L2	95.11-47.17	A	1.374	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.55
		C		0.000	0.000	35.086	0.000	1.10

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
L3	47.17-0.00	A	1.228	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.46
		C		0.000	0.000	27.031	0.000	0.88

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	119.00-95.11	0.0000	1.1936	0.0000	2.5787
L2	95.11-47.17	0.0000	1.2217	0.0000	2.8509
L3	47.17-0.00	0.0000	0.9831	0.0000	2.3885

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	2	Safety Line 5/8"	95.11 - 119.00	1.0000	1.0000
L1	3	Climbing Pegs	95.11 - 119.00	1.0000	1.0000
L2	2	Safety Line 5/8"	47.17 - 95.11	1.0000	1.0000
L2	3	Climbing Pegs	47.17 - 95.11	1.0000	1.0000
L3	2	Safety Line 5/8"	9.00 - 47.17	1.0000	1.0000
L3	3	Climbing Pegs	9.00 - 47.17	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
******									
Lightning Rod 5/8" x 8'	C	From Leg	4.00 0.00 4.00	0.0000	123.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.50 1.31 2.14 3.61	0.50 1.31 2.14 3.61	0.03 0.04 0.05 0.08
******									
(2) 7770.00 w/ Mount Pipe	A	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
(2) 7770.00 w/ Mount Pipe	B	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						2" Ice			
(2) 7770.00 w/ Mount Pipe	C	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
P65-17-XLH-RR w/ Mount Pipe	A	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.48 8.17 8.88 10.33	5.29 5.96 6.64 8.05	0.09 0.17 0.26 0.49
P65-17-XLH-RR w/ Mount Pipe	C	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.48 8.17 8.88 10.33	5.29 5.96 6.64 8.05	0.09 0.17 0.26 0.49
AM-X-CD-16-65-00T-RET w/ Mount Pipe	B	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.63 5.06 5.51 6.43	3.27 3.69 4.12 5.00	0.07 0.13 0.20 0.38
(2) LGP21401	A	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.24 1.38 1.69	0.21 0.27 0.35 0.52	0.01 0.02 0.03 0.05
(2) LGP21401	B	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.24 1.38 1.69	0.21 0.27 0.35 0.52	0.01 0.02 0.03 0.05
(2) LGP21401	C	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.24 1.38 1.69	0.21 0.27 0.35 0.52	0.01 0.02 0.03 0.05
RRUS-11	A	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.78 2.99 3.21 3.66	1.19 1.33 1.49 1.83	0.05 0.07 0.09 0.15
RRUS-11	B	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.78 2.99 3.21 3.66	1.19 1.33 1.49 1.83	0.05 0.07 0.09 0.15
RRUS-11	C	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.78 2.99 3.21 3.66	1.19 1.33 1.49 1.83	0.05 0.07 0.09 0.15
CBC721A-03	A	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.28 0.35 0.43 0.61	0.18 0.24 0.31 0.47	0.00 0.01 0.01 0.02
CBC721A-03	B	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.28 0.35 0.43 0.61	0.18 0.24 0.31 0.47	0.00 0.01 0.01 0.02
CBC721A-03	C	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice	0.28 0.35 0.43 0.61	0.18 0.24 0.31 0.47	0.00 0.01 0.01 0.02

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						2" Ice			
LGP13519	A	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.29 0.36 0.44 0.62	0.18 0.24 0.31 0.47	0.01 0.01 0.01 0.02
LGP13519	B	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.29 0.36 0.44 0.62	0.18 0.24 0.31 0.47	0.01 0.01 0.01 0.02
LGP13519	C	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.29 0.36 0.44 0.62	0.18 0.24 0.31 0.47	0.01 0.01 0.01 0.02
DC6-48-60-18-8F	B	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.92 1.46 1.64 2.04	0.92 1.46 1.64 2.04	0.02 0.04 0.06 0.11
6' x 2" Mount Pipe	A	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6' x 2" Mount Pipe	B	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6' x 2" Mount Pipe	C	From Leg	4.00 0.00 3.00	0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
Platform Mount [LP 712-1]	C	None		0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	24.56 27.92 31.27 37.98	24.56 27.92 31.27 37.98	1.34 1.91 2.55 3.97
********									
(2) LPA-80063/6CF-2 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	9.80 10.37 10.91 12.00	10.19 11.36 12.25 14.06	0.05 0.14 0.25 0.48
(2) LPA-80063/6CF-2 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	9.80 10.37 10.91 12.00	10.19 11.36 12.25 14.06	0.05 0.14 0.25 0.48
(2) LPA-80063/6CF-2 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	9.80 10.37 10.91 12.00	10.19 11.36 12.25 14.06	0.05 0.14 0.25 0.48
Platform Mount [LP 303-1]	C	None		0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 18.01 21.34 28.08	14.69 18.01 21.34 28.08	1.25 1.57 1.94 2.85
***									
(2) NHH-65B-R2B	A	From Leg	4.00 0.00	0.0000	110.00	No Ice 1/2"	4.16 4.56	2.49 2.88	0.04 0.09

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00			Ice	4.98	3.27	0.15
						1" Ice	5.84	4.08	0.28
						2" Ice			
(2) NHH-65B-R2B	B	From Leg	4.00	0.0000	110.00	No Ice	4.16	2.49	0.04
			0.00			1/2"	4.56	2.88	0.09
			0.00			Ice	4.98	3.27	0.15
						1" Ice	5.84	4.08	0.28
						2" Ice			
(2) NHH-65B-R2B	C	From Leg	4.00	0.0000	110.00	No Ice	4.16	2.49	0.04
			0.00			1/2"	4.56	2.88	0.09
			0.00			Ice	4.98	3.27	0.15
						1" Ice	5.84	4.08	0.28
						2" Ice			
MT6407-77A w/ Mount Pipe	A	From Leg	4.00	0.0000	110.00	No Ice	4.91	2.68	0.10
			0.00			1/2"	5.26	3.14	0.14
			0.00			Ice	5.61	3.62	0.18
						1" Ice	6.36	4.63	0.29
						2" Ice			
MT6407-77A w/ Mount Pipe	B	From Leg	4.00	0.0000	110.00	No Ice	4.91	2.68	0.10
			0.00			1/2"	5.26	3.14	0.14
			0.00			Ice	5.61	3.62	0.18
						1" Ice	6.36	4.63	0.29
						2" Ice			
MT6407-77A w/ Mount Pipe	C	From Leg	4.00	0.0000	110.00	No Ice	4.91	2.68	0.10
			0.00			1/2"	5.26	3.14	0.14
			0.00			Ice	5.61	3.62	0.18
						1" Ice	6.36	4.63	0.29
						2" Ice			
RVZDC-6627-PF-48	A	From Leg	4.00	0.0000	110.00	No Ice	3.79	2.51	0.03
			0.00			1/2"	4.04	2.73	0.06
			0.00			Ice	4.30	2.95	0.10
						1" Ice	4.84	3.42	0.18
						2" Ice			
RF4439D-25A	A	From Leg	4.00	0.0000	110.00	No Ice	1.87	1.25	0.07
			0.00			1/2"	2.03	1.39	0.09
			0.00			Ice	2.21	1.54	0.11
						1" Ice	2.59	1.87	0.17
						2" Ice			
RF4439D-25A	B	From Leg	4.00	0.0000	110.00	No Ice	1.87	1.25	0.07
			0.00			1/2"	2.03	1.39	0.09
			0.00			Ice	2.21	1.54	0.11
						1" Ice	2.59	1.87	0.17
						2" Ice			
RF4439D-25A	C	From Leg	4.00	0.0000	110.00	No Ice	1.87	1.25	0.07
			0.00			1/2"	2.03	1.39	0.09
			0.00			Ice	2.21	1.54	0.11
						1" Ice	2.59	1.87	0.17
						2" Ice			
RF4440D-13A	A	From Leg	4.00	0.0000	110.00	No Ice	1.87	1.13	0.07
			0.00			1/2"	2.03	1.27	0.09
			0.00			Ice	2.21	1.41	0.11
						1" Ice	2.59	1.72	0.16
						2" Ice			
RF4440D-13A	B	From Leg	4.00	0.0000	110.00	No Ice	1.87	1.13	0.07
			0.00			1/2"	2.03	1.27	0.09
			0.00			Ice	2.21	1.41	0.11
						1" Ice	2.59	1.72	0.16
						2" Ice			
RF4440D-13A	C	From Leg	4.00	0.0000	110.00	No Ice	1.87	1.13	0.07
			0.00			1/2"	2.03	1.27	0.09
			0.00			Ice	2.21	1.41	0.11
						1" Ice	2.59	1.72	0.16
						2" Ice			
Side-By-Side Mouting Kit [#BSAMNT-SBS-1-2]	A	From Leg	4.00	0.0000	110.00	No Ice	2.38	2.38	0.04
			0.00			1/2"	3.40	3.40	0.05

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00			Ice	4.45	4.45	0.08
						1" Ice	5.91	5.91	0.15
						2" Ice			
Side-By-Side Mouting Kit [#BSAMNT-SBS-1-2]	B	From Leg	4.00 0.00 0.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.38 3.40 4.45 5.91	2.38 3.40 4.45 5.91	0.04 0.05 0.08 0.15
Side-By-Side Mouting Kit [#BSAMNT-SBS-1-2]	C	From Leg	4.00 0.00 0.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.38 3.40 4.45 5.91	2.38 3.40 4.45 5.91	0.04 0.05 0.08 0.15
Mount Reinforcement Specifications	C	None		0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	28.63 37.31 45.80 62.38	28.63 37.31 45.80 62.38	0.28 0.67 0.94 1.63
********									
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
TA08025-B604	A	From Leg	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
TA08025-B604	B	From Leg	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
TA08025-B604	C	From Leg	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
TA08025-B605	A	From Leg	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
TA08025-B605	B	From Leg	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
TA08025-B605	C	From Leg	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
RDIDC-9181-PF-48	B	From Leg	4.00	0.0000	100.00	No Ice	2.01	1.17	0.02

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00			1/2" Ice	2.19	1.31	0.04
			0.00			1" Ice	2.37	1.46	0.06
						2" Ice	2.76	1.78	0.11
(2) 8'x2" Antenna Mount Pipe	A	From Leg	4.00	0.0000	100.00	No Ice	1.90	1.90	0.03
			0.00			1/2" Ice	2.73	2.73	0.04
			0.00			1" Ice	3.40	3.40	0.06
						2" Ice	4.40	4.40	0.12
(2) 8'x2" Antenna Mount Pipe	B	From Leg	4.00	0.0000	100.00	No Ice	1.90	1.90	0.03
			0.00			1/2" Ice	2.73	2.73	0.04
			0.00			1" Ice	3.40	3.40	0.06
						2" Ice	4.40	4.40	0.12
(2) 8'x2" Antenna Mount Pipe	C	From Leg	4.00	0.0000	100.00	No Ice	1.90	1.90	0.03
			0.00			1/2" Ice	2.73	2.73	0.04
			0.00			1" Ice	3.40	3.40	0.06
						2" Ice	4.40	4.40	0.12
Commscope MC-PK8-DSH	B	None		0.0000	100.00	No Ice	34.24	34.24	1.75
						1/2" Ice	62.95	62.95	2.10
						1" Ice	91.66	91.66	2.45
						2" Ice	149.08	149.08	3.15
******									

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
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

Comb. No.	Description
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	119 - 95.11	Pole	Max Tension	26	0.00	0.00	0.00
			Max. Compression	26	-24.83	-0.06	0.12
			Max. Mx	20	-10.55	139.18	-0.32
			Max. My	14	-10.55	0.34	-139.90
			Max. Vy	20	-11.52	139.18	-0.32
			Max. Vx	14	11.56	0.34	-139.90
			Max. Torque	7			0.46
L2	95.11 - 47.1673	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-34.51	-0.06	-0.55
			Max. Mx	20	-17.22	729.78	-0.64
			Max. My	14	-17.22	0.50	-732.57
			Max. Vy	20	-14.21	729.78	-0.64
			Max. Vx	14	14.25	0.50	-732.57
			Max. Torque	7			0.32
L3	47.1673 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-51.43	-0.06	-1.39
			Max. Mx	20	-29.81	1571.70	-1.03
			Max. My	14	-29.81	0.66	-1576.82
			Max. Vy	20	-17.73	1571.70	-1.03
			Max. Vx	14	17.77	0.66	-1576.82
			Max. Torque	7			0.32

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	33	51.43	0.00	-5.47
	Max. H_x	20	29.82	17.72	-0.00
	Max. H_z	2	29.82	-0.00	17.76
	Max. M_x	2	1575.98	-0.00	17.76
	Max. M_z	8	1571.59	-17.72	0.00
	Max. Torsion	7	0.32	-15.34	8.88
	Min. Vert	23	22.36	15.34	8.88
	Min. H_x	8	29.82	-17.72	0.00

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
	Min. H_z	14	29.82	0.00	-17.76
	Min. M_x	14	-1576.82	0.00	-17.76
	Min. M_z	20	-1571.70	17.72	-0.00
	Min. Torsion	19	-0.32	15.34	-8.88

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	24.85	0.00	0.00	0.34	0.04	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	29.82	0.00	-17.76	-1575.98	-0.56	-0.10
0.9 Dead+1.0 Wind 0 deg - No Ice	22.36	0.00	-17.76	-1565.61	-0.57	-0.10
1.2 Dead+1.0 Wind 30 deg - No Ice	29.82	8.86	-15.38	-1365.09	-786.30	-0.24
0.9 Dead+1.0 Wind 30 deg - No Ice	22.36	8.86	-15.38	-1356.12	-781.09	-0.24
1.2 Dead+1.0 Wind 60 deg - No Ice	29.82	15.34	-8.88	-788.31	-1361.34	-0.32
0.9 Dead+1.0 Wind 60 deg - No Ice	22.36	15.34	-8.88	-783.17	-1352.31	-0.32
1.2 Dead+1.0 Wind 90 deg - No Ice	29.82	17.72	-0.00	-0.19	-1571.59	-0.31
0.9 Dead+1.0 Wind 90 deg - No Ice	22.36	17.72	-0.00	-0.29	-1561.17	-0.31
1.2 Dead+1.0 Wind 120 deg - No Ice	29.82	15.34	8.88	788.10	-1360.73	-0.21
0.9 Dead+1.0 Wind 120 deg - No Ice	22.36	15.34	8.88	782.76	-1351.71	-0.21
1.2 Dead+1.0 Wind 150 deg - No Ice	29.82	8.86	15.38	1365.32	-785.24	-0.06
0.9 Dead+1.0 Wind 150 deg - No Ice	22.36	8.86	15.38	1356.15	-780.04	-0.06
1.2 Dead+1.0 Wind 180 deg - No Ice	29.82	-0.00	17.76	1576.82	0.66	0.11
0.9 Dead+1.0 Wind 180 deg - No Ice	22.36	-0.00	17.76	1566.24	0.64	0.11
1.2 Dead+1.0 Wind 210 deg - No Ice	29.82	-8.86	15.38	1365.93	786.40	0.24
0.9 Dead+1.0 Wind 210 deg - No Ice	22.36	-8.86	15.38	1356.75	781.16	0.24
1.2 Dead+1.0 Wind 240 deg - No Ice	29.82	-15.34	8.88	789.15	1361.44	0.31
0.9 Dead+1.0 Wind 240 deg - No Ice	22.36	-15.34	8.88	783.80	1352.39	0.32
1.2 Dead+1.0 Wind 270 deg - No Ice	29.82	-17.72	0.00	1.03	1571.70	0.30
0.9 Dead+1.0 Wind 270 deg - No Ice	22.36	-17.72	0.00	0.92	1561.25	0.30
1.2 Dead+1.0 Wind 300 deg - No Ice	29.82	-15.34	-8.88	-787.25	1360.83	0.21
0.9 Dead+1.0 Wind 300 deg - No Ice	22.36	-15.34	-8.88	-782.13	1351.78	0.21
1.2 Dead+1.0 Wind 330 deg - No Ice	29.82	-8.86	-15.38	-1364.48	785.35	0.06
0.9 Dead+1.0 Wind 330 deg - No Ice	22.36	-8.86	-15.38	-1355.52	780.12	0.06
1.2 Dead+1.0 Ice+1.0 Temp	51.43	0.00	0.00	1.39	-0.06	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	51.43	0.00	-5.47	-491.00	-0.16	-0.07
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	51.43	2.73	-4.73	-425.08	-245.91	-0.07
1.2 Dead+1.0 Wind 60	51.43	4.73	-2.73	-244.86	-425.78	-0.05

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
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	51.43	5.46	-0.00	1.35	-491.59	-0.02
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	51.43	4.73	2.73	247.59	-425.68	0.02
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	51.43	2.73	4.73	427.88	-245.74	0.05
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	51.43	-0.00	5.47	493.91	0.04	0.07
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	51.43	-2.73	4.73	427.98	245.79	0.07
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	51.43	-4.73	2.73	247.77	425.66	0.05
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	51.43	-5.46	0.00	1.55	491.46	0.02
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	51.43	-4.73	-2.73	-244.69	425.56	-0.02
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	51.43	-2.73	-4.73	-424.98	245.61	-0.05
Dead+Wind 0 deg - Service	24.85	0.00	-4.33	-382.14	-0.11	-0.02
Dead+Wind 30 deg - Service	24.85	2.16	-3.75	-330.97	-190.75	-0.05
Dead+Wind 60 deg - Service	24.85	3.74	-2.16	-191.02	-330.27	-0.07
Dead+Wind 90 deg - Service	24.85	4.32	-0.00	0.20	-381.29	-0.07
Dead+Wind 120 deg - Service	24.85	3.74	2.16	191.46	-330.13	-0.05
Dead+Wind 150 deg - Service	24.85	2.16	3.75	331.52	-190.50	-0.02
Dead+Wind 180 deg - Service	24.85	-0.00	4.33	382.84	0.19	0.02
Dead+Wind 210 deg - Service	24.85	-2.16	3.75	331.67	190.84	0.05
Dead+Wind 240 deg - Service	24.85	-3.74	2.16	191.72	330.36	0.07
Dead+Wind 270 deg - Service	24.85	-4.32	0.00	0.50	381.37	0.07
Dead+Wind 300 deg - Service	24.85	-3.74	-2.16	-190.77	330.21	0.05
Dead+Wind 330 deg - Service	24.85	-2.16	-3.75	-330.82	190.58	0.02

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	0.00	-24.85	0.00	0.00	24.85	0.00	0.000%
2	0.00	-29.82	-17.76	-0.00	29.82	17.76	0.000%
3	0.00	-22.36	-17.76	-0.00	22.36	17.76	0.000%
4	8.86	-29.82	-15.38	-8.86	29.82	15.38	0.000%
5	8.86	-22.36	-15.38	-8.86	22.36	15.38	0.000%
6	15.34	-29.82	-8.88	-15.34	29.82	8.88	0.000%
7	15.34	-22.36	-8.88	-15.34	22.36	8.88	0.000%
8	17.72	-29.82	-0.00	-17.72	29.82	0.00	0.000%
9	17.72	-22.36	-0.00	-17.72	22.36	0.00	0.000%
10	15.34	-29.82	8.88	-15.34	29.82	-8.88	0.000%
11	15.34	-22.36	8.88	-15.34	22.36	-8.88	0.000%
12	8.86	-29.82	15.38	-8.86	29.82	-15.38	0.000%
13	8.86	-22.36	15.38	-8.86	22.36	-15.38	0.000%
14	-0.00	-29.82	17.76	0.00	29.82	-17.76	0.000%
15	-0.00	-22.36	17.76	0.00	22.36	-17.76	0.000%
16	-8.86	-29.82	15.38	8.86	29.82	-15.38	0.000%
17	-8.86	-22.36	15.38	8.86	22.36	-15.38	0.000%
18	-15.34	-29.82	8.88	15.34	29.82	-8.88	0.000%
19	-15.34	-22.36	8.88	15.34	22.36	-8.88	0.000%
20	-17.72	-29.82	0.00	17.72	29.82	-0.00	0.000%
21	-17.72	-22.36	0.00	17.72	22.36	-0.00	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
22	-15.34	-29.82	-8.88	15.34	29.82	8.88	0.000%
23	-15.34	-22.36	-8.88	15.34	22.36	8.88	0.000%
24	-8.86	-29.82	-15.38	8.86	29.82	15.38	0.000%
25	-8.86	-22.36	-15.38	8.86	22.36	15.38	0.000%
26	0.00	-51.43	0.00	0.00	51.43	0.00	0.000%
27	0.00	-51.43	-5.47	-0.00	51.43	5.47	0.000%
28	2.73	-51.43	-4.73	-2.73	51.43	4.73	0.000%
29	4.73	-51.43	-2.73	-4.73	51.43	2.73	0.000%
30	5.46	-51.43	-0.00	-5.46	51.43	0.00	0.000%
31	4.73	-51.43	2.73	-4.73	51.43	-2.73	0.000%
32	2.73	-51.43	4.73	-2.73	51.43	-4.73	0.000%
33	-0.00	-51.43	5.47	0.00	51.43	-5.47	0.000%
34	-2.73	-51.43	4.73	2.73	51.43	-4.73	0.000%
35	-4.73	-51.43	2.73	4.73	51.43	-2.73	0.000%
36	-5.46	-51.43	0.00	5.46	51.43	-0.00	0.000%
37	-4.73	-51.43	-2.73	4.73	51.43	2.73	0.000%
38	-2.73	-51.43	-4.73	2.73	51.43	4.73	0.000%
39	0.00	-24.85	-4.33	-0.00	24.85	4.33	0.000%
40	2.16	-24.85	-3.75	-2.16	24.85	3.75	0.000%
41	3.74	-24.85	-2.16	-3.74	24.85	2.16	0.000%
42	4.32	-24.85	-0.00	-4.32	24.85	0.00	0.000%
43	3.74	-24.85	2.16	-3.74	24.85	-2.16	0.000%
44	2.16	-24.85	3.75	-2.16	24.85	-3.75	0.000%
45	-0.00	-24.85	4.33	0.00	24.85	-4.33	0.000%
46	-2.16	-24.85	3.75	2.16	24.85	-3.75	0.000%
47	-3.74	-24.85	2.16	3.74	24.85	-2.16	0.000%
48	-4.32	-24.85	0.00	4.32	24.85	-0.00	0.000%
49	-3.74	-24.85	-2.16	3.74	24.85	2.16	0.000%
50	-2.16	-24.85	-3.75	2.16	24.85	3.75	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	4	0.00000001	0.00009653
3	Yes	4	0.00000001	0.00005912
4	Yes	5	0.00000001	0.00012681
5	Yes	5	0.00000001	0.00005952
6	Yes	5	0.00000001	0.00013311
7	Yes	5	0.00000001	0.00006270
8	Yes	4	0.00000001	0.00018624
9	Yes	4	0.00000001	0.00012239
10	Yes	5	0.00000001	0.00012710
11	Yes	5	0.00000001	0.00005968
12	Yes	5	0.00000001	0.00012951
13	Yes	5	0.00000001	0.00006090
14	Yes	4	0.00000001	0.00010719
15	Yes	4	0.00000001	0.00006643
16	Yes	5	0.00000001	0.00013290
17	Yes	5	0.00000001	0.00006253
18	Yes	5	0.00000001	0.00012634
19	Yes	5	0.00000001	0.00005927
20	Yes	4	0.00000001	0.00017427
21	Yes	4	0.00000001	0.00011446
22	Yes	5	0.00000001	0.00013105
23	Yes	5	0.00000001	0.00006170
24	Yes	5	0.00000001	0.00012890
25	Yes	5	0.00000001	0.00006057
26	Yes	4	0.00000001	0.00000001
27	Yes	5	0.00000001	0.00009740
28	Yes	5	0.00000001	0.00011984
29	Yes	5	0.00000001	0.00012036
30	Yes	5	0.00000001	0.00009734
31	Yes	5	0.00000001	0.00012052

32	Yes	5	0.00000001	0.00012024
33	Yes	5	0.00000001	0.00009783
34	Yes	5	0.00000001	0.00012108
35	Yes	5	0.00000001	0.00012032
36	Yes	5	0.00000001	0.00009733
37	Yes	5	0.00000001	0.00011983
38	Yes	5	0.00000001	0.00012035
39	Yes	4	0.00000001	0.00001146
40	Yes	4	0.00000001	0.00006271
41	Yes	4	0.00000001	0.00007163
42	Yes	4	0.00000001	0.00001490
43	Yes	4	0.00000001	0.00006322
44	Yes	4	0.00000001	0.00006670
45	Yes	4	0.00000001	0.00001155
46	Yes	4	0.00000001	0.00007092
47	Yes	4	0.00000001	0.00006235
48	Yes	4	0.00000001	0.00001477
49	Yes	4	0.00000001	0.00006916
50	Yes	4	0.00000001	0.00006530

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	119 - 95.11	9.528	45	0.7720	0.0012
L2	98.8912 - 47.1673	6.424	45	0.6774	0.0005
L3	52.834 - 0	1.636	45	0.2968	0.0001

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
123.00	Lightning Rod 5/8" x 8'	45	9.528	0.7720	0.0012	29265
119.00	(2) 7770.00 w/ Mount Pipe	45	9.528	0.7720	0.0012	29265
110.00	(2) LPA-80063/6CF-2 w/ Mount Pipe	45	8.099	0.7346	0.0008	16258
100.00	MX08FRO665-21 w/ Mount Pipe	45	6.584	0.6840	0.0005	7856

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	119 - 95.11	39.288	14	3.1828	0.0052
L2	98.8912 - 47.1673	26.489	14	2.7948	0.0022
L3	52.834 - 0	6.741	14	1.2236	0.0005

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
123.00	Lightning Rod 5/8" x 8'	14	39.288	3.1828	0.0052	7140
119.00	(2) 7770.00 w/ Mount Pipe	14	39.288	3.1828	0.0052	7140
110.00	(2) LPA-80063/6CF-2 w/ Mount Pipe	14	33.396	3.0296	0.0037	3966
100.00	MX08FRO665-21 w/ Mount Pipe	14	27.148	2.8220	0.0023	1915

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	119 - 95.11 (1)	TP26.2449x18.5x0.1875	23.89	0.00	0.0	14.7779	-10.55	864.51	0.012
L2	95.11 - 47.1673 (2)	TP41.3419x24.6441x0.25	51.72	0.00	0.0	31.1548	-17.22	1822.56	0.009
L3	47.1673 - 0 (3)	TP56x39.0125x0.3125	52.83	0.00	0.0	55.2350	-29.81	3231.25	0.009

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	119 - 95.11 (1)	TP26.2449x18.5x0.1875	139.99	508.24	0.275	0.00	508.24	0.000
L2	95.11 - 47.1673 (2)	TP41.3419x24.6441x0.25	732.57	1580.63	0.463	0.00	1580.63	0.000
L3	47.1673 - 0 (3)	TP56x39.0125x0.3125	1576.82	3727.85	0.423	0.00	3727.85	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	119 - 95.11 (1)	TP26.2449x18.5x0.1875	11.55	259.35	0.045	0.24	563.99	0.000
L2	95.11 - 47.1673 (2)	TP41.3419x24.6441x0.25	14.25	546.77	0.026	0.11	1880.02	0.000
L3	47.1673 - 0 (3)	TP56x39.0125x0.3125	17.77	969.38	0.018	0.11	4727.48	0.000

Pole Interaction Design Data

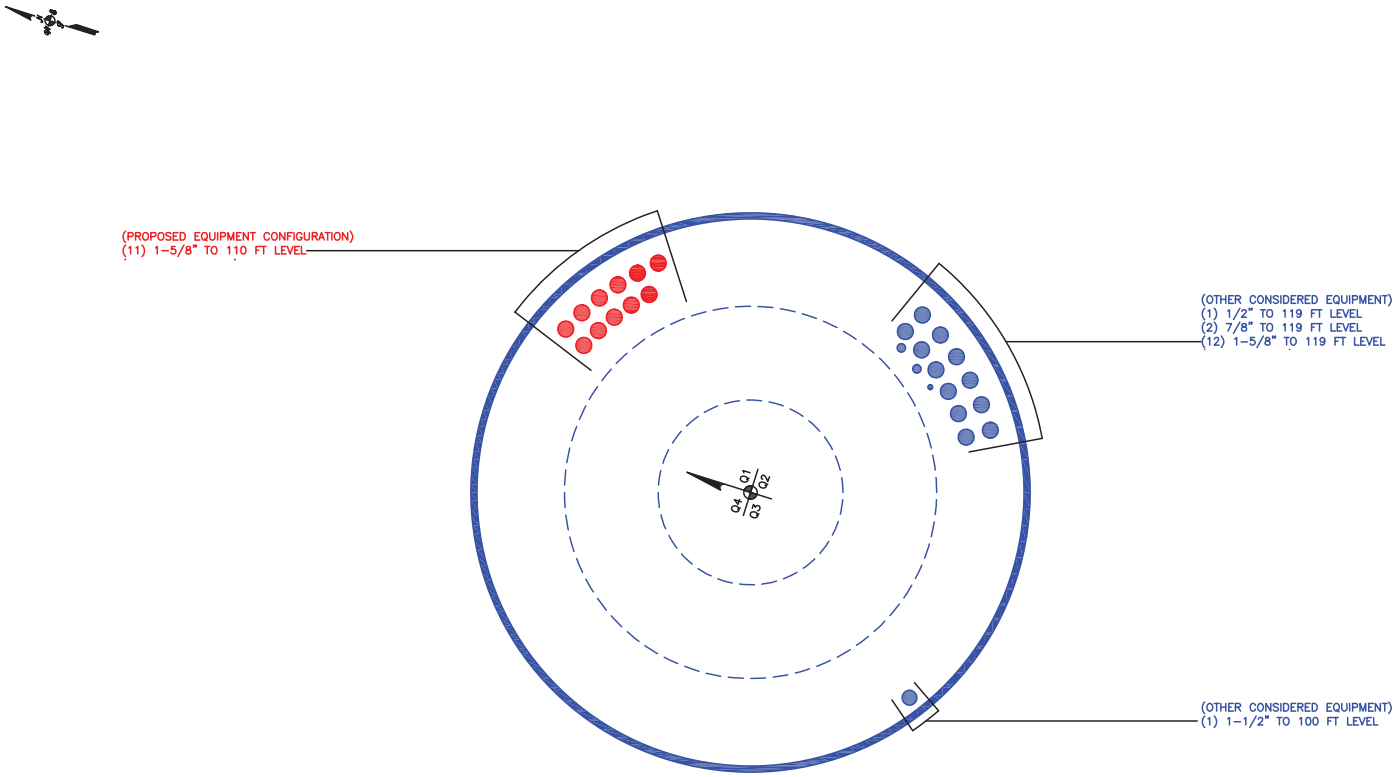
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	119 - 95.11 (1)	0.012	0.275	0.000	0.045	0.000	0.290	1.050	4.8.2
L2	95.11 - 47.1673 (2)	0.009	0.463	0.000	0.026	0.000	0.474	1.050	4.8.2
L3	47.1673 - 0 (3)	0.009	0.423	0.000	0.018	0.000	0.433	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	119 - 95.11	Pole	TP26.2449x18.5x0.1875	1	-10.55	907.73	27.6	Pass
L2	95.11 - 47.1673	Pole	TP41.3419x24.6441x0.25	2	-17.22	1913.69	45.1	Pass
L3	47.1673 - 0	Pole	TP56x39.0125x0.3125	3	-29.81	3392.81	41.2	Pass
							Summary	
						Pole (L2)	45.1	Pass
						RATING =	**45.1**	**Pass**

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 846293 TOWER ID:C_BASELEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

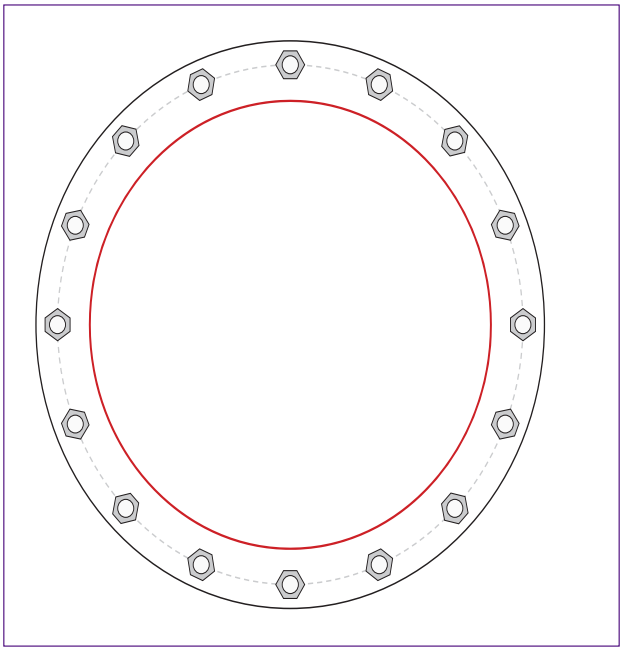
Monopole Base Plate Connection

Site Info	
BU #	846293
Site Name	olland -Peter Green Rd
Order #	589601 Rev 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	0.875

Applied Loads	
Moment (kip-ft)	1576.82
Axial Force (kips)	29.81
Shear Force (kips)	17.77

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(16) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 65" BC

Base Plate Data

71" OD x 2.25" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

N/A

Pole Data

56" x 0.3125" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 70.88	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.11	ϕVn = 149.1	**27.7%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	14.74	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**26.0%**	**Pass**

Pier and Pad Foundation

BU # :	846293
Site Name:	Tolland-Peter Gree
App. Number:	589601 Rev 0

TIA-222 Revision:	H
Tower Type:	Monopole

Top & Bot. Pad Rein. Different?:	☐
Block Foundation?:	☐
Rectangular Pad?:	☐

Superstructure Analysis Reactions		
Compression, P_{comp}:	29.82	kips
Base Shear, Vu_comp:	17.76	kips
Moment, M_u:	1576.82	ft-kips
Tower Height, **H**:	119	ft
BP Dist. Above Fdn, bp_{dist}:	3.125	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, **dpier**:	7	ft
Ext. Above Grade, **E**:	1	ft
Pier Rebar Size, **Sc**:	8	
Pier Rebar Quantity, **mc**:	36	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	7	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties		
Depth, **D**:	5	ft
Pad Width, W_1:	25	ft
Pad Thickness, **T**:	3	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	8	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	32	
Pad Clear Cover, cc_{pad}:	3	in

Material Properties		
Rebar Grade, **Fy**:	60	ksi
Concrete Compressive Strength, **F'c**:	4	ksi
Dry Concrete Density, δ**c**:	150	pcf

Soil Properties		
Total Soil Unit Weight, γ:	125	pcf
Ultimate Gross Bearing, Qult:	30.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	35	degrees
SPT Blow Count, N_{blows}:	29	
Base Friction, μ:	0.45	
Neglected Depth, **N**:	3.50	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	8.5	ft

<--Toggle between Gross and Net

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	198.55	17.76	**8.5%**	**Pass**
Bearing Pressure (ksf)	22.50	1.36	**5.8%**	**Pass**
*Overturning (kip*ft)*	5308.37	1688.01	**31.8%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	4682.32	1630.10	**33.2%**	**Pass**
Pier Compression (kip)	31187.52	56.28	**0.2%**	**Pass**
*Pad Flexure (kip*ft)*	3498.86	566.14	**15.4%**	**Pass**
Pad Shear - 1-way (kips)	896.51	87.57	**9.3%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.190	0.017	**8.6%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	4443.10	978.06	**21.0%**	**Pass**

**Rating per TIA-222-H Section 15.5*

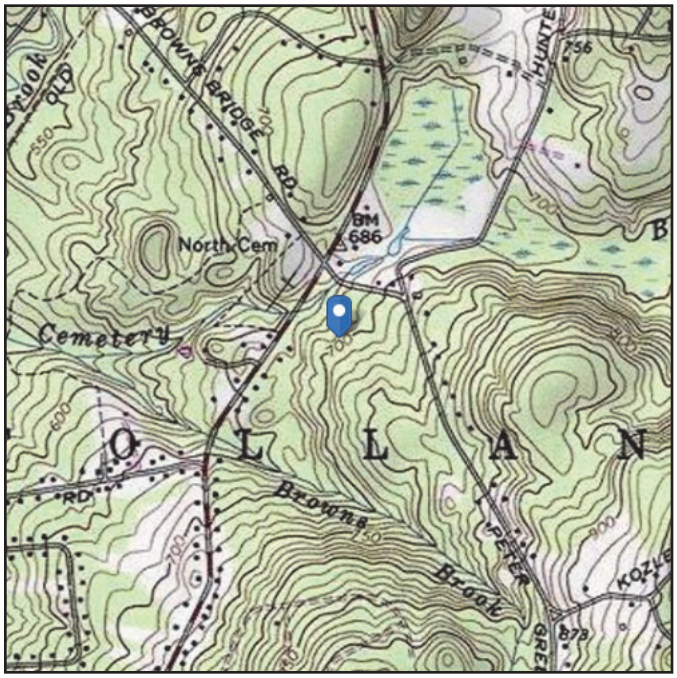
Structural Rating*:	**33.2%**
Soil Rating*:	**31.8%**

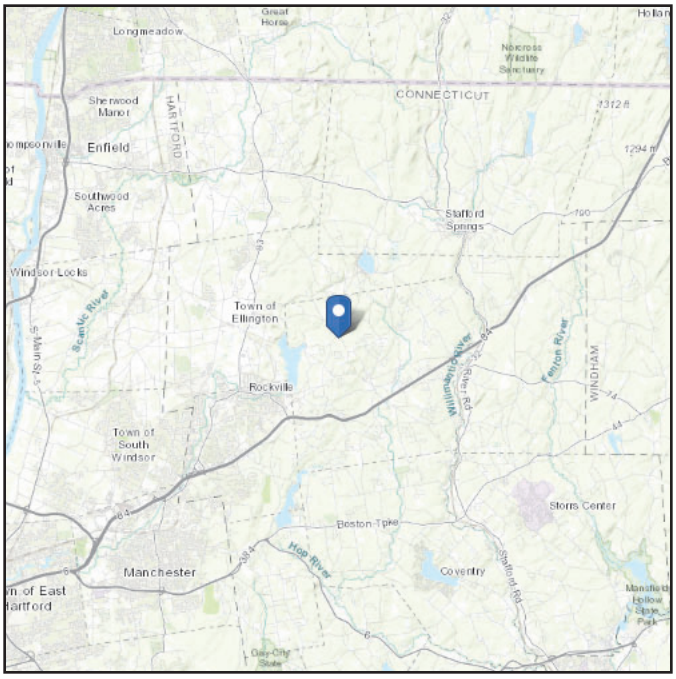
ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Stiff Soil

Elevation: 697.04 ft (NAVD 88)
Latitude: 41.896614
Longitude: -72.393731





Wind

Results:

Wind Speed:	118 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	98 Vmph

Data Source:	ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed:	Thu Oct 07 2021

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

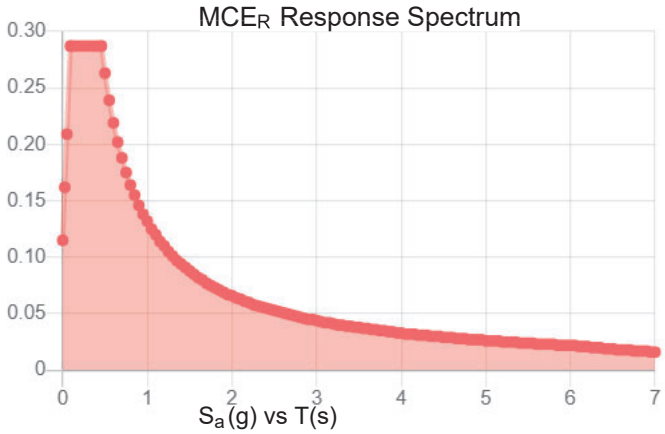
Seismic

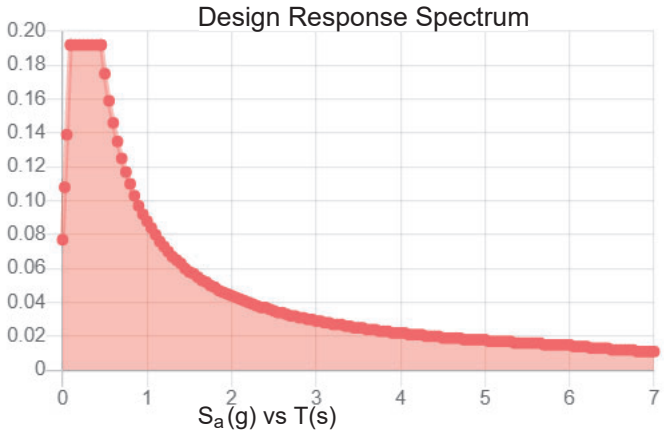
Site Soil Class: D - Stiff Soil

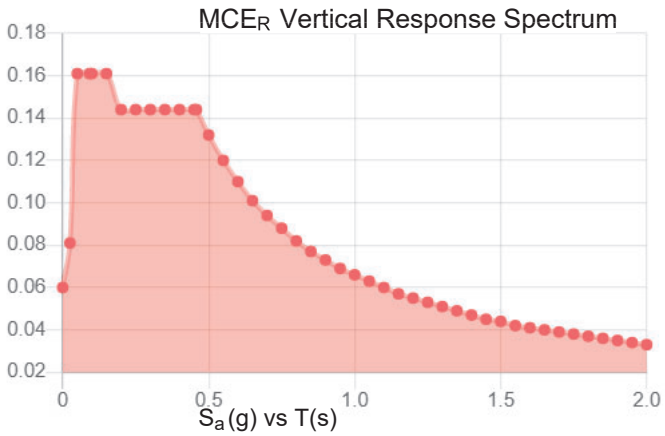
Results:

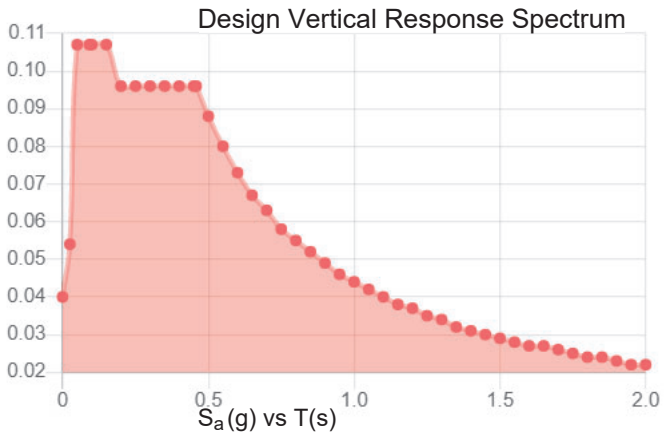
S_S :	0.18	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.095
F_v :	2.4	PGA_M :	0.153
S_{MS} :	0.287	F_{PGA} :	1.6
S_{M1} :	0.132	I_e :	1
S_{DS} :	0.192	C_v :	0.7

Seismic Design Category B









Data Accessed: Thu Oct 07 2021

Date Source: USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness:	1.50 in.
Concurrent Temperature:	5 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Thu Oct 07 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 500-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

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10101460
Maser Consulting Connecticut Project #: 21777983A

September 10, 2021

Site Information	*Site ID:*	*467657-VZW / ELLINGTON SOUTH CT*
	Site Name:	*ELLINGTON SOUTH CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*319 Peter Green Road* *Tolland, Connecticut 06084* *Tolland County*
	Latitude:	*41.896614°*
	Longitude:	*-72.393731°*
Structure Information	*Tower Type:*	*120-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

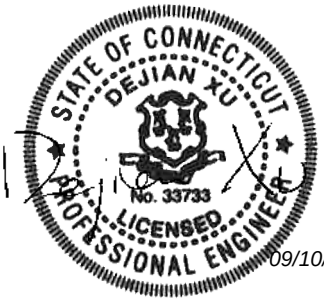
FUZE ID # 16273385

Analysis Results

Platform: **69.8 % 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 also Noted on Mount Modification Drawings
Requirements may also be Noted on A & E drawings
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Grant Walters



09/10/2021

Executive Summary:

The objective of this report is to summarize the analysis results of the antenna support mount including the proposed modifications at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards.

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: 674890, dated August 26, 2021*
Mount Mapping Report	*Hudson Design Group, LLC., Site ID: 467657, dated June 9, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut, Project #: 21777983A dated September 3, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut, Project #: 21777983A dated September 10, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	118 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.975
Seismic Parameters:	S_S:	0.180
	S_1:	0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
110.00	110.00	6	Commscope	NHH-65B-R2B	Added
		3	Samsung	MT6407-77A	
		1	Raycap	RVZDC-6627-PF-48	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		6	Antel	LPA-80063/6CF	Retained

Any proposed antennas not currently installed should be mounted such that the centerline of the antennas does not exceed 6 inches vertically from the center of the antenna mount.

The recent mount mapping did not report existing OVP units. However, 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.

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

Standard Conditions:

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

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

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

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

7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
   - 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

8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

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	23.9 %	Pass
Platform Crossmember	22.9 %	Pass
Corner Plate	30.0 %	Pass
Grating Support	20.7 %	Pass
Cross Arm Plate	22.5 %	Pass
Mount Pipe	40.7 %	Pass
Standoff Horizontal	44.8 %	Pass
Support Rail	20.7 %	Pass
Support Rail Connectors	22.0 %	Pass
Mount Connection	69.8 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**69.8%**

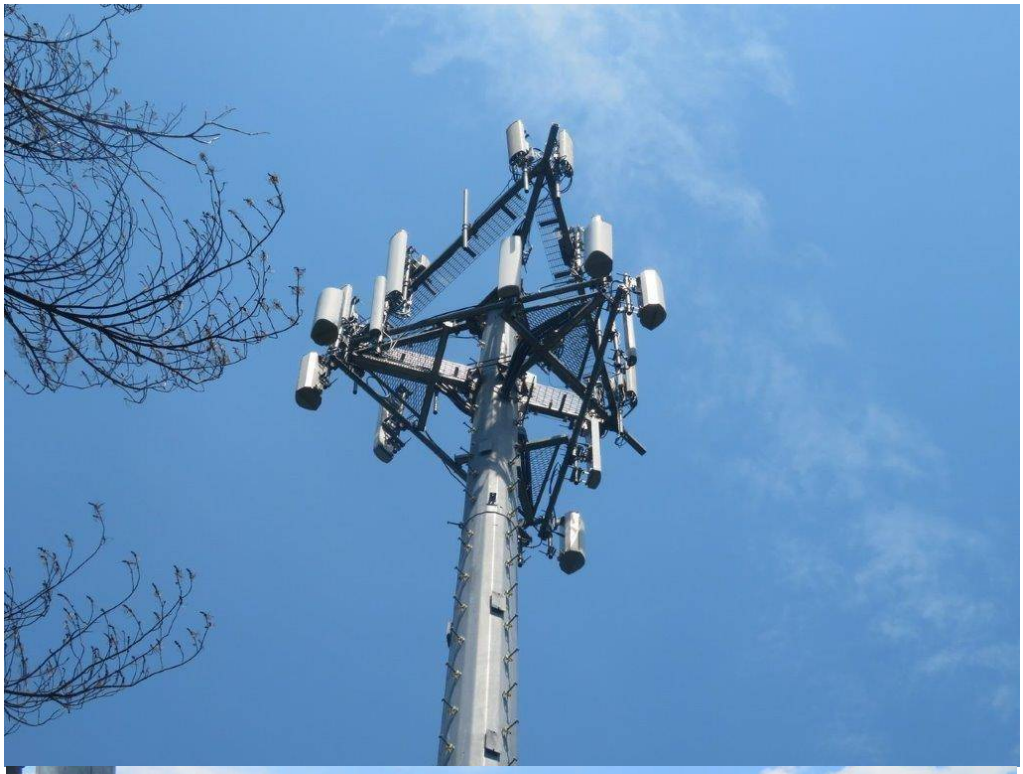
Recommendation:

The existing mount will be **SUFFICIENT** for the final loading after the proposed modifications are successfully completed.

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 PMI Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage Letter



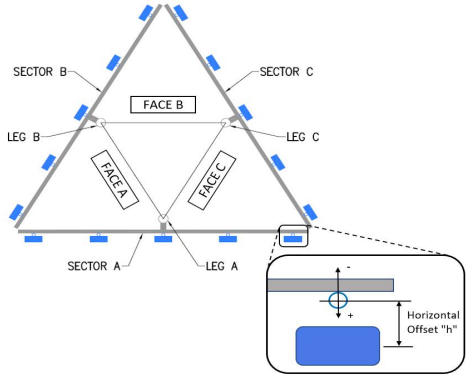
V4.0 Updated on 3-31-2021

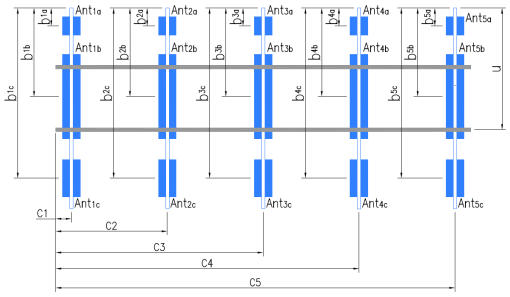
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	Crown	**Mapping Date:**	6/9/2021
Site Name:	ELLINGTON SOUTH CT	**Tower Type:**	Monopole
Site Number or ID:	467657	**Tower Height (Ft.):**	120
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	110

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





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 53" LONG	26.00	3.00	C1	2" STD. PIPE X 53" LONG	26.00	3.00
A2	2" STD. PIPE X 84" LONG	50.00	53.00	C2	2" STD. PIPE X 84" LONG	50.00	53.00
A3	2" STD. PIPE X 84" LONG	42.00	123.00	C3	2" STD. PIPE X 84" LONG	42.00	123.00
A4	2" STD. PIPE X 53" LONG	26.00	147.00	C4	2" STD. PIPE X 53" LONG	26.00	147.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 53" LONG	26.00	3.00	D1			
B2	2" STD. PIPE X 84" LONG	50.00	53.00	D2			
B3	2" STD. PIPE X 84" LONG	42.00	123.00	D3			
B4	2" STD. PIPE X 53" LONG	26.00	147.00	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. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	4.83
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.

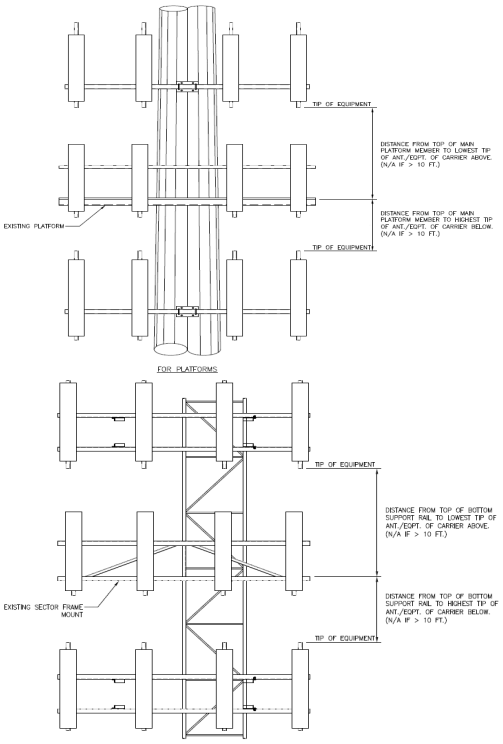
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	21.5
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			0.375

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	BXA-70063-6CF-EDIN-	13.00	14.00	48.00		109.958	26.50	15.50	5.00	19
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA-171063-12BF-ED	11.00	5.00	72.00		111.083	37.00	12.00	5.00	20
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	UNKNOWN	6.00	4.00	72.00		110.583	35.00	11.50	5.00	
Ant_{3c}	RFSM31111602	8.89	1.17	4.74		113.5				21,105
Ant_{4a}										
Ant_{4b}	BXA-70063-6CF-EDIN-	13.00	14.00	48.00		109.958	26.50	15.50	5.00	21
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

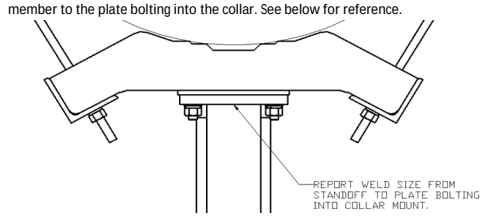
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	5.00	Deg	Leg A:		Deg
Sector B:	125.00	Deg	Leg B:		Deg
Sector C:	245.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	250.00	Deg	N/A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.

Please insert a photo of the mount centerline measurement here.



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



Sector B										
Ant_{1a}										
Ant_{1b}	BXA-70063-6CF-EDIN-	13.00	14.00	48.00		109.958	26.50	15.50	125.00	25,28
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA-171063-12BF-ED	11.00	5.00	72.00		111.083	37.00	12.00	125.00	25,29
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	UNKNOWN	6.00	4.00	72.00		110.583	35.00	11.50	125.00	25,30
Ant_{3c}	RFSM31111602	8.89	1.17	4.74		113.5				105,106
Ant_{4a}										
Ant_{4b}	BXA-70063-6CF-EDIN-	13.00	14.00	48.00		109.958	26.50	15.50	125.00	25,30
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	BXA-70063-6CF-EDIN-	13.00	14.00	48.00		109.958	26.50	15.50	245.00	36,37
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA-171063-12BF-ED	11.00	5.00	72.00		111.083	37.00	12.00	245.00	36,38
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	UNKNOWN	6.00	4.00	72.00		110.583	35.00	11.50	245.00	36,39
Ant_{3c}	RFSM31111602	8.89	1.17	4.74		113.5				105,106
Ant_{4a}										
Ant_{4b}	BXA-70063-6CF-EDIN-	13.00	14.00	48.00		109.958	26.50	15.50	245.00	36,39
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1		
2		
3		
4		
5		
6		
7		
8		

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

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

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

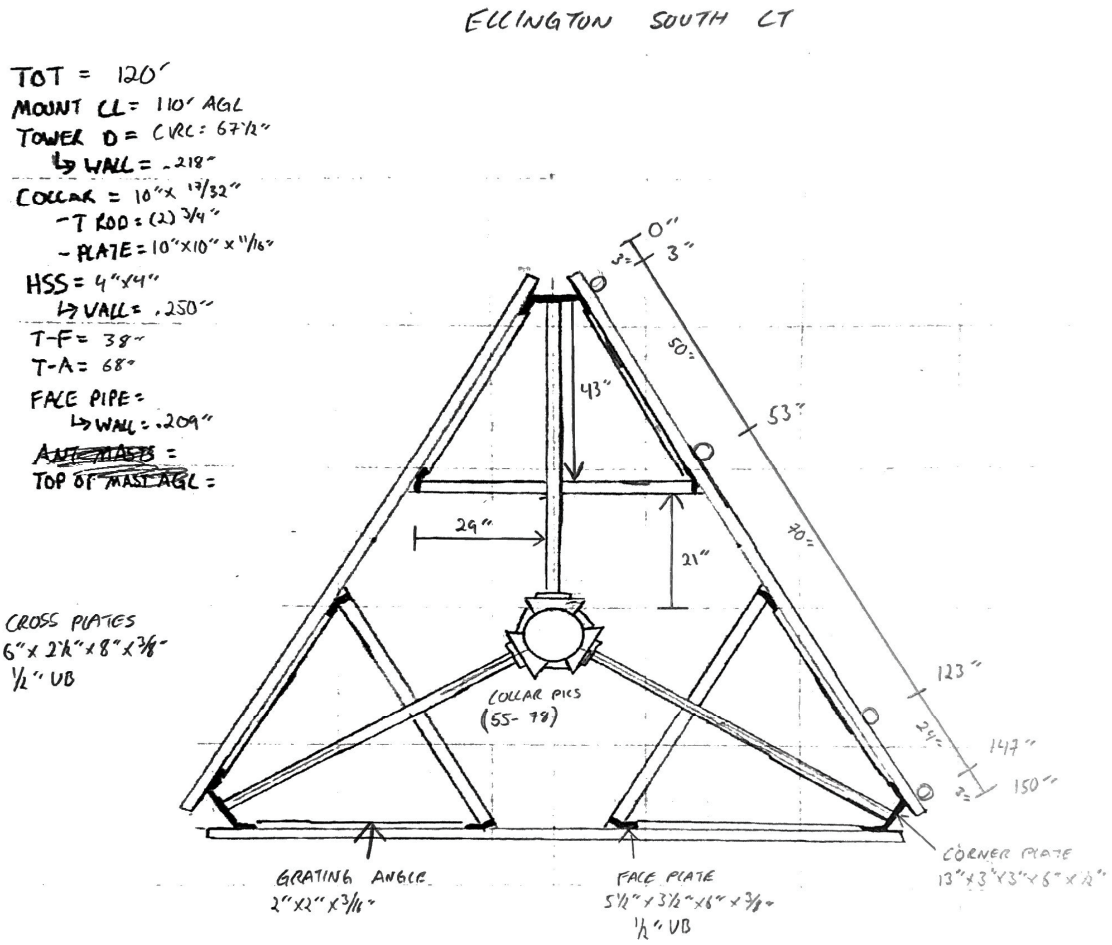
V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

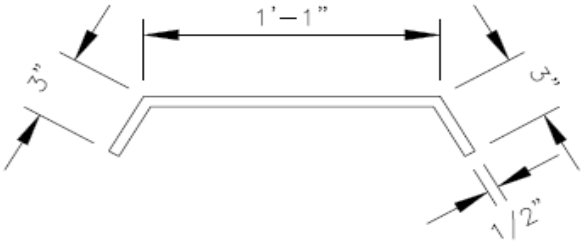
FCC #

Tower Owner:	Crown	**Mapping Date:**	6/9/2021
Site Name:	ELLINGTON SOUTH CT	**Tower Type:**	Monopole
Site Number or ID:	467657	**Tower Height (Ft.):**	120
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	110

Please Insert Sketches of the Antenna Mount

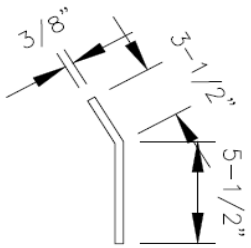


Please Insert Sketches of the Antenna Mount, cont'd



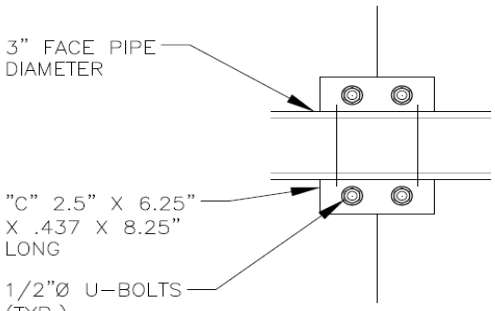
DETAIL J

APEX "A" PLATE DETAIL

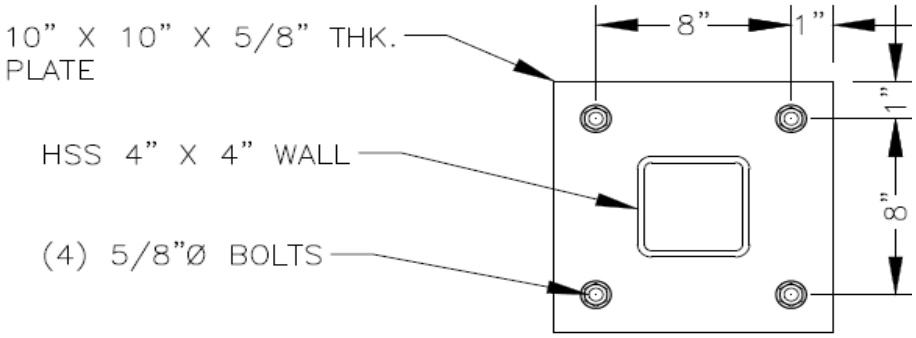


DETAIL K

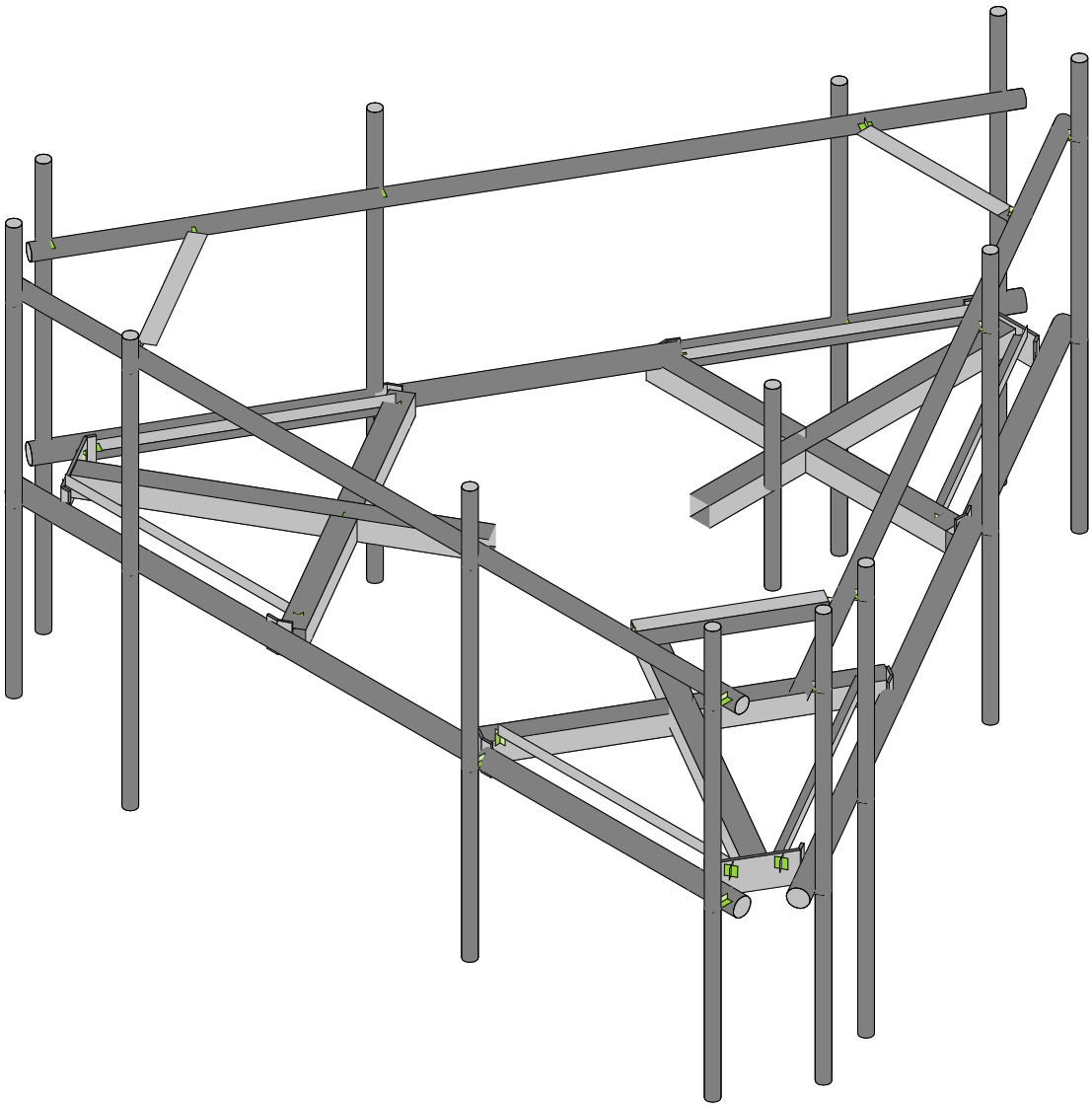
"B" PLATE DETAIL



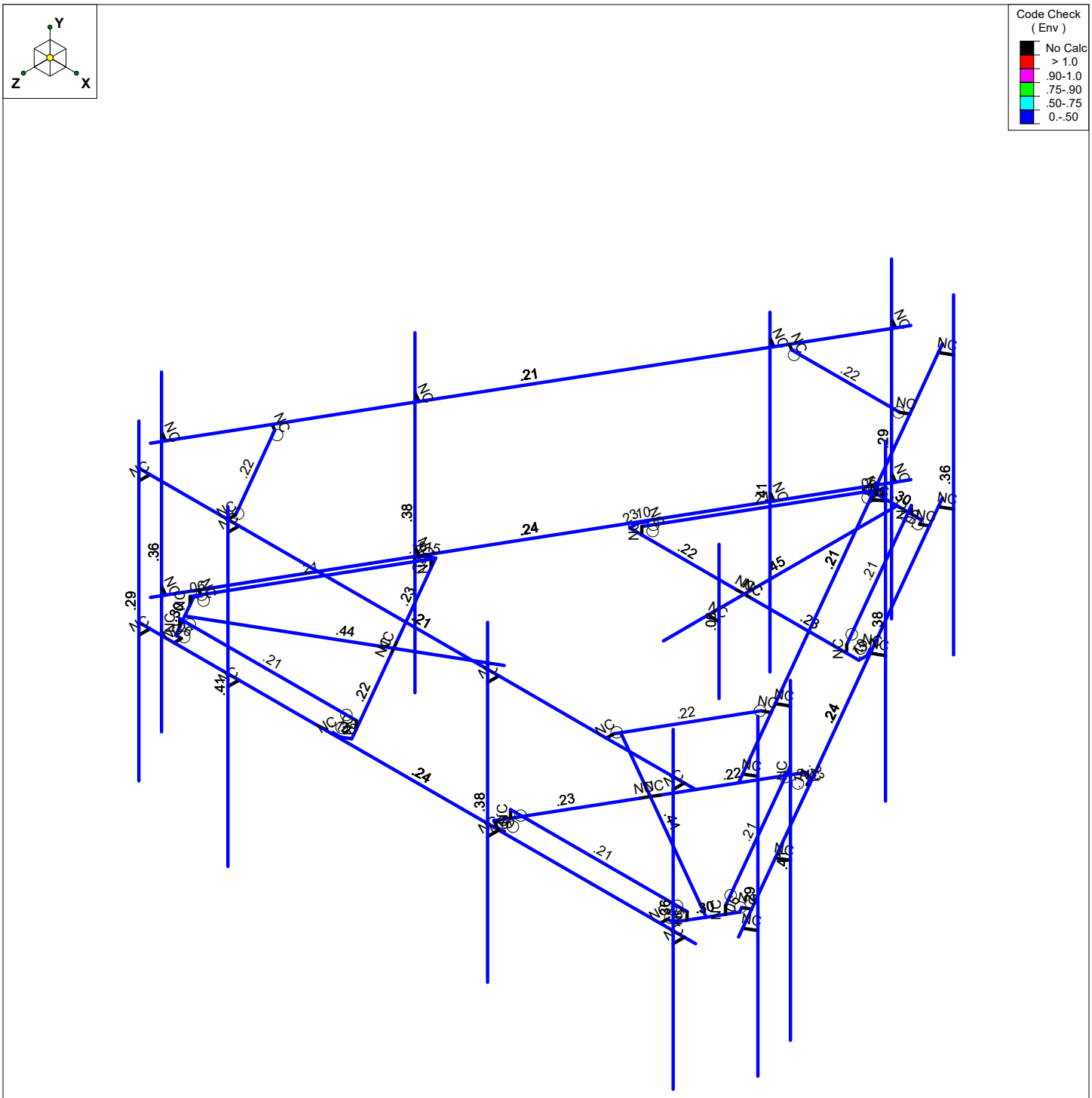
CROSSOVER PLATE DETAIL



STANDOFF TO RING MOUNT CONNECTION

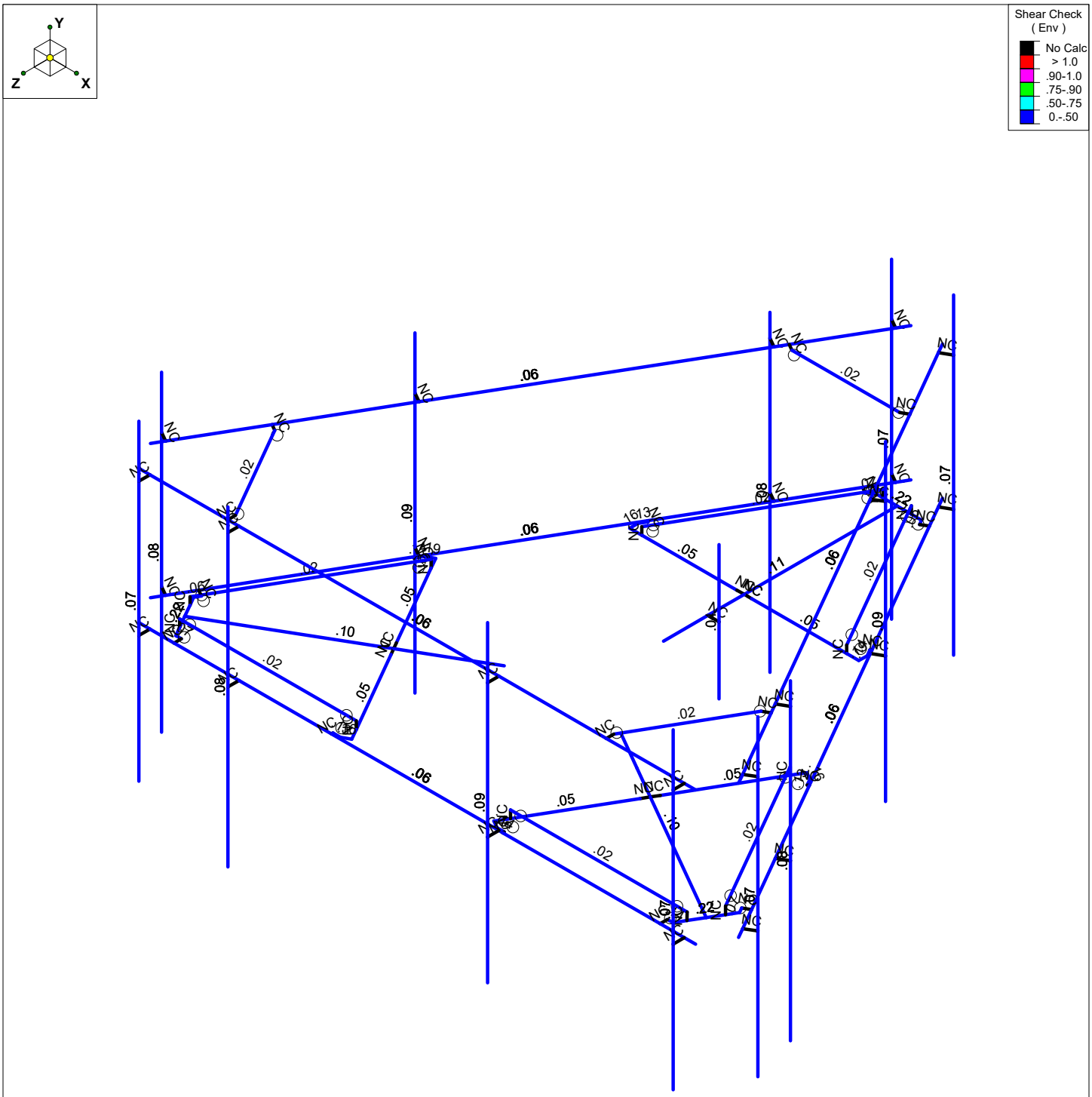


Maser Consulting	467657-VZW_MT_LO_H	SK - 1
DAB		Sept 8, 2021 at 1:43 PM
Project No. 10101460		467657-VZW_MT_LO_H MODs up...



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

Maser Consulting	467657-VZW_MT_LO_H	SK - 2
DAB		Sept 8, 2021 at 1:43 PM
Project No. 10101460		467657-VZW_MT_LO_H MODs up...



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

Maser Consulting	467657-VZW_MT_LO_H	SK - 3
DAB		Sept 8, 2021 at 1:43 PM
Project No. 10101460		467657-VZW_MT_LO_H MODs up...

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					111			
2	Antenna Di	None					111			
3	Antenna Wo (0 Deg)	None					111			
4	Antenna Wo (30 Deg)	None					111			
5	Antenna Wo (60 Deg)	None					111			
6	Antenna Wo (90 Deg)	None					111			
7	Antenna Wo (120 Deg)	None					111			
8	Antenna Wo (150 Deg)	None					111			
9	Antenna Wo (180 Deg)	None					111			
10	Antenna Wo (210 Deg)	None					111			
11	Antenna Wo (240 Deg)	None					111			
12	Antenna Wo (270 Deg)	None					111			
13	Antenna Wo (300 Deg)	None					111			
14	Antenna Wo (330 Deg)	None					111			
15	Antenna Wi (0 Deg)	None					111			
16	Antenna Wi (30 Deg)	None					111			
17	Antenna Wi (60 Deg)	None					111			
18	Antenna Wi (90 Deg)	None					111			
19	Antenna Wi (120 Deg)	None					111			
20	Antenna Wi (150 Deg)	None					111			
21	Antenna Wi (180 Deg)	None					111			
22	Antenna Wi (210 Deg)	None					111			
23	Antenna Wi (240 Deg)	None					111			
24	Antenna Wi (270 Deg)	None					111			
25	Antenna Wi (300 Deg)	None					111			
26	Antenna Wi (330 Deg)	None					111			
27	Antenna Wm (0 Deg)	None					111			
28	Antenna Wm (30 Deg)	None					111			
29	Antenna Wm (60 Deg)	None					111			
30	Antenna Wm (90 Deg)	None					111			
31	Antenna Wm (120 Deg)	None					111			
32	Antenna Wm (150 Deg)	None					111			
33	Antenna Wm (180 Deg)	None					111			
34	Antenna Wm (210 Deg)	None					111			
35	Antenna Wm (240 Deg)	None					111			
36	Antenna Wm (270 Deg)	None					111			
37	Antenna Wm (300 Deg)	None					111			
38	Antenna Wm (330 Deg)	None					111			
39	Structure D	None		-1					3	
40	Structure Di	None						58	3	
41	Structure Wo (0 Deg)	None						116		
42	Structure Wo (30 Deg)	None						116		
43	Structure Wo (60 Deg)	None						116		
44	Structure Wo (90 Deg)	None						116		
45	Structure Wo (120 D...	None						116		
46	Structure Wo (150 D...	None						116		
47	Structure Wo (180 D...	None						116		
48	Structure Wo (210 D...	None						116		
49	Structure Wo (240 D...	None						116		
50	Structure Wo (270 D...	None						116		
51	Structure Wo (300 D...	None						116		
52	Structure Wo (330 D...	None						116		
53	Structure Wi (0 Deg)	None						116		
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		

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						116		
58	Structure Wi (150 De...	None						116		
59	Structure Wi (180 De...	None						116		
60	Structure Wi (210 De...	None						116		
61	Structure Wi (240 De...	None						116		
62	Structure Wi (270 De...	None						116		
63	Structure Wi (300 De...	None						116		
64	Structure Wi (330 De...	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 De...	None						116		
67	Structure Wm (60 De...	None						116		
68	Structure Wm (90 De...	None						116		
69	Structure Wm (120 D...	None						116		
70	Structure Wm (150 D...	None						116		
71	Structure Wm (180 D...	None						116		
72	Structure Wm (210 D...	None						116		
73	Structure Wm (240 D...	None						116		
74	Structure Wm (270 D...	None						116		
75	Structure Wm (300 D...	None						116		
76	Structure Wm (330 D...	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						30		
82	BLC 40 Transient Are...	None						30		

Load Combinations

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

Load Combinations (Continued)

	Description	Solve	PD	S...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac...
27	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1												
28	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1												
29	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1												
30	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1												
31	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1												
32	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1												
33	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1												
34	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1												
35	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1												
36	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1												
37	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1												
38	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1												
39	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1												
40	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1												
41	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1												
42	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1												
43	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1												
44	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1												
45	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1												
46	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1												
47	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1												
48	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1												
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5																
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5																
51	1.4D	Yes	Y		1	1.4	39	1.4																		
52	Seismic Mass		Y		1	1	39	1																		
53	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1												
54	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866												
55	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5												
56	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ													
57	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5												
58	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866												
59	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1												
60	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866												
61	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5												
62	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ													
63	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5												
64	1.2D + 1.0Ev + 1.0E...		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	-2.381552	0	1.37499	0	
2	N2	-5.356107	0	3.09235	0	
3	N3	-5.749996	0	3.72949	0	
4	N4	6.749996	0	3.72949	0	
5	N5	-1.095101	0	3.603195	0	
6	N6	-3.531241	0.166667	-0.616323	0	
7	N7	-1.231871	0.166667	3.366303	0	
8	N8	-3.531241	0	-0.616323	0	
9	N9	-1.231871	0	3.366303	0	
10	N10	-5.51393	0.166667	2.817801	0	
11	N11	-5.198628	0.166667	3.3663	0	
12	N12	-5.514617	0	2.817801	0	
13	N13	-5.197942	0	3.3663	0	
14	N14	-3.668011	0	-0.853215	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N15	-2.298223	0	1.519328	0	
16	N16	-2.46489	0	1.230653	0	
17	N17	-5.629545	0	2.618741	0	
18	N18	-5.08267	0	3.565956	0	
19	N19	-1.257481	0	3.696945	0	
20	N20	-3.830391	0	-0.759465	0	
21	N21	-1.424148	0	3.696945	0	
22	N22	-1.424148	0	3.72949	0	
23	N23	-4.95767	0	3.565956	0	
24	N24	-4.95767	0	3.72949	0	
25	N25	-3.913724	0	-0.615127	0	
26	N26	-3.941906	0	-0.631398	0	
27	N27	-5.567045	0	2.510487	0	
28	N28	-5.708667	0	2.428722	0	
29	N29	3.381553	0	1.37499	0	
30	N30	6.356107	0	3.09235	0	
31	N31	4.668009	0	-0.853211	0	
32	N32	2.23187	0.166667	3.366306	0	
33	N33	4.531239	0.166667	-0.616319	0	
34	N34	2.23187	0	3.366306	0	
35	N35	4.531239	0	-0.616319	0	
36	N36	6.197252	0.166667	3.366303	0	
37	N37	6.514615	0.166667	2.818994	0	
38	N38	6.197596	0	3.366898	0	
39	N39	6.514272	0	2.8184	0	
40	N40	2.0951	0	3.603198	0	
41	N41	3.464888	0	1.230656	0	
42	N42	3.298221	0	1.519331	0	
43	N43	6.082668	0	3.565959	0	
44	N44	6.629543	0	2.618744	0	
45	N45	4.830389	0	-0.759461	0	
46	N46	2.25748	0	3.696948	0	
47	N47	4.913722	0	-0.615124	0	
48	N48	4.941907	0	-0.631397	0	
49	N49	6.567043	0	2.510491	0	
50	N50	6.708669	0	2.428723	0	
51	N51	2.424146	0	3.696948	0	
52	N52	2.424146	0	3.72949	0	
53	N53	5.957668	0	3.565959	0	
54	N54	5.957668	0	3.72949	0	
55	N55	6.499996	0	3.72949	0	
56	N56	-3.499995	0	3.72949	0	
57	N57	-5.499995	0	3.72949	0	
58	N58	6.499996	0	3.97949	0	
59	N59	-3.499995	0	3.97949	0	
60	N60	-5.499995	0	3.97949	0	
61	N61	6.499996	4.166667	3.97949	0	
62	N62	-3.499995	3.5	3.97949	0	
63	N63	-5.499995	4.166667	3.97949	0	
64	N64	6.499996	-2.833333	3.97949	0	
65	N65	-3.499995	-3.5	3.97949	0	
66	N66	-5.499995	-2.833334	3.97949	0	
67	CP	.5	0	-0.288675	0	
68	N68	1.809399	0	0.467307	0	
69	N69	7.104831	0	3.114898	0	
70	N70	0.854835	0	-7.710413	0	
71	N71	0.145165	0	-7.710413	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N72	-6.104831	0	3.114898	0	
73	N73	0.5	0	-3.616008	0	
74	N74	0.5	0	-7.050725	0	
75	N75	-2.072907	0	-3.616008	0	
76	N76	2.799372	0.166667	-3.616008	0	
77	N77	-1.799368	0.166667	-3.616008	0	
78	N78	2.799372	0	-3.616008	0	
79	N79	-1.799368	0	-3.616008	0	
80	N80	0.816678	0.166667	-7.050129	0	
81	N81	0.184013	0.166667	-7.051319	0	
82	N82	0.817021	0	-7.050725	0	
83	N83	0.18367	0	-7.050725	0	
84	N84	3.072912	0	-3.616008	0	
85	N85	0.333335	0	-3.616008	0	
86	N86	0.666669	0	-3.616008	0	
87	N87	1.046877	0	-7.050725	0	
88	N88	-0.046873	0	-7.050725	0	
89	N89	-2.072907	0	-3.803508	0	
90	N90	3.072912	0	-3.803508	0	
91	N91	-1.989574	0	-3.947846	0	
92	N92	-2.017759	0	-3.964119	0	
93	N93	-0.109373	0	-6.942471	0	
94	N94	-0.250998	0	-7.024239	0	
95	N95	2.989578	0	-3.947846	0	
96	N96	3.01776	0	-3.964117	0	
97	N97	1.109377	0	-6.942471	0	
98	N98	1.250999	0	-7.024237	0	
99	N99	0.5	0	-1.800638	0	
100	N100	-0.809399	0	0.467307	0	
101	N125	0.5	0	-2.800638	0	
102	N126	0.583335	0	-3.616008	0	
103	N127	0.75	1.5	-2.800638	0	
104	N128	0.75	-1.5	-2.800638	0	
105	N129	0.75	0	-2.800638	0	
106	N130	2.675424	0	0.967307	0	
107	N131	2.550424	1.5	1.183813	0	
108	N132	2.550424	-1.5	1.183813	0	
109	N133	2.550424	0	1.183813	0	
110	N134	2.33333	0	3.72949	0	
111	N135	2.33333	0	3.97949	0	
112	N136	2.33333	4.166667	3.97949	0	
113	N137	2.33333	-2.833333	3.97949	0	
114	N114	0.979835	0	-7.493907	0	
115	N115	5.979831	0	1.16634	0	
116	N116	6.979831	0	2.898391	0	
117	N117	1.196342	0	-7.618907	0	
118	N118	6.196337	0	1.04134	0	
119	N119	7.196337	0	2.773391	0	
120	N120	1.196342	4.166667	-7.618907	0	
121	N121	6.196337	3.5	1.04134	0	
122	N122	7.196337	4.166667	2.773391	0	
123	N123	1.196342	-2.833333	-7.618907	0	
124	N124	6.196337	-3.5	1.04134	0	
125	N125A	7.196337	-2.833334	2.773391	0	
126	N127A	3.063169	0	-3.885468	0	
127	N128A	3.279675	0	-4.010468	0	
128	N129A	3.279675	4.166667	-4.010468	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N130A	3.279675	-2.833333	-4.010468	0	
130	N131A	-5.979831	0	2.898391	0	
131	N132A	-0.979835	0	-5.761855	0	
132	N133A	0.020164	0	-7.493906	0	
133	N134A	-6.196338	0	2.773391	0	
134	N135A	-1.196342	0	-5.886855	0	
135	N136A	-0.196342	0	-7.618906	0	
136	N137A	-6.196338	4.166667	2.773391	0	
137	N138	-1.196342	3.5	-5.886855	0	
138	N139	-0.196342	4.166667	-7.618906	0	
139	N140	-6.196338	-2.833333	2.773391	0	
140	N141	-1.196342	-3.5	-5.886855	0	
141	N142	-0.196342	-2.833334	-7.618906	0	
142	N144	-3.896498	0	-0.710048	0	
143	N145	-4.113005	0	-0.835048	0	
144	N146	-4.113005	4.166667	-0.835048	0	
145	N147	-4.113005	-2.833333	-0.835048	0	
146	N146A	-5.749996	3	3.72949	0	
147	N147A	6.749996	3	3.72949	0	
148	N148	6.499996	3	3.72949	0	
149	N149	-3.499995	3	3.72949	0	
150	N150	-5.499995	3	3.72949	0	
151	N151	6.499996	3	3.97949	0	
152	N152	-3.499995	3	3.97949	0	
153	N153	-5.499995	3	3.97949	0	
154	N154	2.33333	3	3.72949	0	
155	N155	2.33333	3	3.97949	0	
156	N156	4.749996	3	3.72949	0	
157	N157	-3.749996	3	3.72949	0	
158	N158	4.749996	3	3.562824	0	
159	N159	-3.749996	3	3.562824	0	
160	N161	7.104831	3	3.114897	0	
161	N162	0.854835	3	-7.710413	0	
162	N163	1.854835	3	-5.978362	0	
163	N164	6.104831	3	1.382847	0	
164	N165	1.710498	3	-5.895029	0	
165	N166	5.960494	3	1.46618	0	
166	N168	0.145165	3	-7.710413	0	
167	N169	-6.104831	3	3.114898	0	
168	N170	-5.104831	3	1.382847	0	
169	N171	-0.854835	3	-5.978362	0	
170	N172	-4.960494	3	1.46618	0	
171	N173	-0.710498	3	-5.895029	0	
172	N172A	0.979835	3	-7.493907	0	
173	N173A	5.979831	3	1.16634	0	
174	N174	6.979831	3	2.898391	0	
175	N175	1.196342	3	-7.618907	0	
176	N176	6.196337	3	1.04134	0	
177	N177	7.196337	3	2.773391	0	
178	N178	3.063169	3	-3.885468	0	
179	N179	3.279675	3	-4.010468	0	
180	N180	-5.979831	3	2.898391	0	
181	N181	-0.979836	3	-5.761855	0	
182	N182	0.020164	3	-7.493906	0	
183	N183	-6.196338	3	2.773391	0	
184	N184	-1.196342	3	-5.886855	0	
185	N185	-0.196342	3	-7.618906	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N186	-3.896498	3	-0.710048	0	
187	N187	-4.113005	3	-0.835048	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	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 Rect	Typical	3.37	7.8	7.8	12.8
3	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
4	Corner Plate	PL1/2x6	Beam	RECT	A36 Gr.36	Typical	3	.063	9	.237
5	Platform Crossmember	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
6	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
7	MOD NEW PIPE	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Mount Pipe_1	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
10	MOD SR CONNECTORS	L3X3X4	Column	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
11	MOD KICKERS	LL3x3x3x6	Column	Double Angl...	A36 Gr.36	Typical	2.18	4.97	1.9	.027
12	MOD FH	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	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(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M20	N4	N3			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M41A	N14	N16			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
3	M42_1	N15	N5			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
4	M43A_1	N18	N17			Corner Plate	Beam	RECT	A36 Gr.36	Typical
5	M44_1	N7	N9			RIGID	None	None	RIGID	Typical
6	M45_1	N6	N8			RIGID	None	None	RIGID	Typical
7	M46A	N10	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
8	M47	N7	N11			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M48	N11	N13			RIGID	None	None	RIGID	Typical
10	M49	N10	N12			RIGID	None	None	RIGID	Typical
11	M50_1	N15	N1			RIGID	None	None	RIGID	Typical
12	M51_1	N1	N16			RIGID	None	None	RIGID	Typical
13	M64	N5	N19			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M65	N19	N21			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M68	N21	N22			RIGID	None	None	RIGID	Typical
16	M71	N18	N23			Corner Plate	Beam	RECT	A36 Gr.36	Typical
17	M72	N23	N24			RIGID	None	None	RIGID	Typical
18	M86	N14	N20			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M87	N20	N25			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M89	N25	N26			RIGID	None	None	RIGID	Typical
21	M90	N17	N27			Corner Plate	Beam	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
22	M93	N27	N28			RIGID	None	None	RIGID	Typical
23	M51A	N40	N42			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
24	M52	N41	N31			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
25	M53A	N44	N43			Corner Plate	Beam	RECT	A36 Gr.36	Typical
26	M54	N33	N35			RIGID	None	None	RIGID	Typical
27	M55	N32	N34			RIGID	None	None	RIGID	Typical
28	M56	N36	N32			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
29	M57	N33	N37			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
30	M58	N37	N39			RIGID	None	None	RIGID	Typical
31	M59	N36	N38			RIGID	None	None	RIGID	Typical
32	M60	N41	N29			RIGID	None	None	RIGID	Typical
33	M61	N29	N42			RIGID	None	None	RIGID	Typical
34	M62	N31	N45			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
35	M63	N45	N47			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
36	M64A	N47	N48			RIGID	None	None	RIGID	Typical
37	M65A	N44	N49			Corner Plate	Beam	RECT	A36 Gr.36	Typical
38	M66	N49	N50			RIGID	None	None	RIGID	Typical
39	M67	N40	N46			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
40	M68A	N46	N51			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
41	M69	N51	N52			RIGID	None	None	RIGID	Typical
42	M70	N43	N53			Corner Plate	Beam	RECT	A36 Gr.36	Typical
43	M71A	N53	N54			RIGID	None	None	RIGID	Typical
44	M77A	N55	N58			RIGID	None	None	RIGID	Typical
45	M78A	N56	N59			RIGID	None	None	RIGID	Typical
46	M80A	N57	N60			RIGID	None	None	RIGID	Typical
47	MP4A	N63	N66			MOD NEW PIPE	Column	Pipe	A53 Gr.B	Typical
48	MP3A	N62	N65			Mount Pipe_1	Column	Pipe	A53 Gr.B	Typical
49	MP1A	N61	N64			MOD NEW PIPE	Column	Pipe	A53 Gr.B	Typical
50	M109A	N68	N30			Standoff Horizontal	Beam	SquareTube	A500 Gr.B...	Typical
51	M53	N70	N69			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
52	M54A	N72	N71			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
53	M55A	N84	N86			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
54	M56A	N85	N75			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
55	M57A	N88	N87			Corner Plate	Beam	RECT	A36 Gr.36	Typical
56	M58A	N77	N79			RIGID	None	None	RIGID	Typical
57	M59A	N76	N78			RIGID	None	None	RIGID	Typical
58	M60A	N80	N76			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
59	M61A	N77	N81			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
60	M62A	N81	N83			RIGID	None	None	RIGID	Typical
61	M63A	N80	N82			RIGID	None	None	RIGID	Typical
62	M64B	N85	N73			RIGID	None	None	RIGID	Typical
63	M65B	N73	N86			RIGID	None	None	RIGID	Typical
64	M66A	N75	N89			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
65	M67A	N89	N91			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
66	M68B	N91	N92			RIGID	None	None	RIGID	Typical
67	M69A	N88	N93			Corner Plate	Beam	RECT	A36 Gr.36	Typical
68	M70A	N93	N94			RIGID	None	None	RIGID	Typical
69	M71B	N84	N90			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M72A	N90	N95			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M73	N95	N96			RIGID	None	None	RIGID	Typical
72	M74	N87	N97			Corner Plate	Beam	RECT	A36 Gr.36	Typical
73	M75	N97	N98			RIGID	None	None	RIGID	Typical
74	M76	N99	N74			Standoff Horizontal	Beam	SquareTube	A500 Gr.B...	Typical
75	M77	N100	N2			Standoff Horizontal	Beam	SquareTube	A500 Gr.B...	Typical
76	M89A	N127	N128			Mount Pipe_1	Column	Pipe	A53 Gr.B	Typical
77	M90B	N125	N129			RIGID	None	None	RIGID	Typical
78	M90A	N134	N135			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
79	MP2A	N136	N137			Mount Pipe_1	Column	Pipe	A53 Gr.B	Typical
80	M80	N114	N117			RIGID	None	None	RIGID	Typical
81	M81	N115	N118			RIGID	None	None	RIGID	Typical
82	M82	N116	N119			RIGID	None	None	RIGID	Typical
83	MP4C	N122	N125A			MOD NEW PIPE	Column	Pipe	A53 Gr.B	Typical
84	MP3C	N121	N124			Mount Pipe_1	Column	Pipe	A53 Gr.B	Typical
85	MP1C	N120	N123			MOD NEW PIPE	Column	Pipe	A53 Gr.B	Typical
86	MP2C	N129A	N130A			Mount Pipe_1	Column	Pipe	A53 Gr.B	Typical
87	M87A	N131A	N134A			RIGID	None	None	RIGID	Typical
88	M88	N132A	N135A			RIGID	None	None	RIGID	Typical
89	M89B	N133A	N136A			RIGID	None	None	RIGID	Typical
90	MP4B	N139	N142			MOD NEW PIPE	Column	Pipe	A53 Gr.B	Typical
91	MP3B	N138	N141			Mount Pipe_1	Column	Pipe	A53 Gr.B	Typical
92	MP1B	N137A	N140			MOD NEW PIPE	Column	Pipe	A53 Gr.B	Typical
93	MP2B	N146	N147			Mount Pipe_1	Column	Pipe	A53 Gr.B	Typical
94	M94	N147A	N146A			MOD FH	Column	Pipe	A53 Gr.B	Typical
95	M95	N148	N151			RIGID	None	None	RIGID	Typical
96	M96	N149	N152			RIGID	None	None	RIGID	Typical
97	M97	N150	N153			RIGID	None	None	RIGID	Typical
98	M98	N154	N155			RIGID	None	None	RIGID	Typical
99	M99	N157	N159			RIGID	None	None	RIGID	Typical
100	M100	N156	N158			RIGID	None	None	RIGID	Typical
101	M101	N162	N161			MOD FH	Column	Pipe	A53 Gr.B	Typical
102	M102	N164	N166			RIGID	None	None	RIGID	Typical
103	M103	N163	N165			RIGID	None	None	RIGID	Typical
104	M104	N169	N168			MOD FH	Column	Pipe	A53 Gr.B	Typical
105	M105	N171	N173			RIGID	None	None	RIGID	Typical
106	M106	N170	N172			RIGID	None	None	RIGID	Typical
107	M107	N159	N172		90	MOD SR CONNE...	Column	Single Angle	A36 Gr.36	Typical
108	M108	N166	N158		90	MOD SR CONNE...	Column	Single Angle	A36 Gr.36	Typical
109	M109	N173	N165		90	MOD SR CONNE...	Column	Single Angle	A36 Gr.36	Typical
110	M110	N127A	N128A			RIGID	None	None	RIGID	Typical
111	M111	N144	N145			RIGID	None	None	RIGID	Typical
112	M112	N172A	N175			RIGID	None	None	RIGID	Typical
113	M113	N173A	N176			RIGID	None	None	RIGID	Typical
114	M114	N174	N177			RIGID	None	None	RIGID	Typical
115	M115	N180	N183			RIGID	None	None	RIGID	Typical
116	M116	N181	N184			RIGID	None	None	RIGID	Typical
117	M117	N182	N185			RIGID	None	None	RIGID	Typical
118	M118	N178	N179			RIGID	None	None	RIGID	Typical
119	M119	N186	N187			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
1	M20						Yes				None
2	M41A						Yes				None
3	M42_1						Yes				None
4	M43A_1						Yes				None
5	M44_1						Yes	** NA **			None
6	M45_1						Yes	** NA **			None
7	M46A	OOOOOX	OOOOOX				Yes				None
8	M47	OOOOOX	OOOOOX				Yes				None
9	M48						Yes	** NA **			None
10	M49						Yes	** NA **			None
11	M50_1						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
12	M51_1						Yes	** NA **			None
13	M64						Yes	** NA **			None
14	M65						Yes	** NA **			None
15	M68		BenPIN				Yes	** NA **			None
16	M71						Yes				None
17	M72		BenPIN				Yes	** NA **			None
18	M86						Yes	** NA **			None
19	M87						Yes	** NA **			None
20	M89		BenPIN				Yes	** NA **			None
21	M90						Yes				None
22	M93		BenPIN				Yes	** NA **			None
23	M51A						Yes				None
24	M52						Yes				None
25	M53A						Yes				None
26	M54						Yes	** NA **			None
27	M55						Yes	** NA **			None
28	M56	OOOOOX	OOOOOX				Yes				None
29	M57	OOOOOX	OOOOOX				Yes				None
30	M58						Yes	** NA **			None
31	M59						Yes	** NA **			None
32	M60						Yes	** NA **			None
33	M61						Yes	** NA **			None
34	M62						Yes	** NA **			None
35	M63						Yes	** NA **			None
36	M64A		BenPIN				Yes	** NA **			None
37	M65A						Yes				None
38	M66		BenPIN				Yes	** NA **			None
39	M67						Yes	** NA **			None
40	M68A						Yes	** NA **			None
41	M69		BenPIN				Yes	** NA **			None
42	M70						Yes				None
43	M71A		BenPIN				Yes	** NA **			None
44	M77A						Yes	** NA **			None
45	M78A						Yes	** NA **			None
46	M80A						Yes	** NA **			None
47	MP4A						Yes	** NA **			None
48	MP3A						Yes	** NA **			None
49	MP1A						Yes	** NA **			None
50	M109A						Yes	Default			None
51	M53						Yes				None
52	M54A						Yes				None
53	M55A						Yes				None
54	M56A						Yes				None
55	M57A						Yes				None
56	M58A						Yes	** NA **			None
57	M59A						Yes	** NA **			None
58	M60A	OOOOOX	OOOOOX				Yes				None
59	M61A	OOOOOX	OOOOOX				Yes				None
60	M62A						Yes	** NA **			None
61	M63A						Yes	** NA **			None
62	M64B						Yes	** NA **			None
63	M65B						Yes	** NA **			None
64	M66A						Yes	** NA **			None
65	M67A						Yes	** NA **			None
66	M68B		BenPIN				Yes	** NA **			None
67	M69A						Yes				None
68	M70A		BenPIN				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
69	M71B						Yes	** NA **			None
70	M72A						Yes	** NA **			None
71	M73		BenPIN				Yes	** NA **			None
72	M74						Yes				None
73	M75		BenPIN				Yes	** NA **			None
74	M76						Yes	Default			None
75	M77						Yes	Default			None
76	M89A						Yes	** NA **			None
77	M90B						Yes	** NA **			None
78	M90A						Yes	** NA **			None
79	MP2A						Yes	** NA **			None
80	M80						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	M82						Yes	** NA **			None
83	MP4C						Yes	** NA **			None
84	MP3C						Yes	** NA **			None
85	MP1C						Yes	** NA **			None
86	MP2C						Yes	** NA **			None
87	M87A						Yes	** NA **			None
88	M88						Yes	** NA **			None
89	M89B						Yes	** NA **			None
90	MP4B						Yes	** NA **			None
91	MP3B						Yes	** NA **			None
92	MP1B						Yes	** NA **			None
93	MP2B						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	M99	OOOOOX					Yes	** NA **			None
100	M100	OOOOOX					Yes	** NA **			None
101	M101						Yes	** NA **			None
102	M102	OOOOOX					Yes	** NA **			None
103	M103	OOOOOX					Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105	OOOOOX					Yes	** NA **			None
106	M106	OOOOOX					Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						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

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-21.85	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	My	-.011	.5
3	MP2A	Mz	.015	.5
4	MP2A	Y	-21.85	6.5
5	MP2A	My	-.011	6.5
6	MP2A	Mz	.015	6.5
7	MP2B	Y	-21.85	.5
8	MP2B	My	-.007	.5
9	MP2B	Mz	-.017	.5
10	MP2B	Y	-21.85	6.5
11	MP2B	My	-.007	6.5
12	MP2B	Mz	-.017	6.5
13	MP2C	Y	-21.85	.5
14	MP2C	My	.018	.5
15	MP2C	Mz	.002	.5
16	MP2C	Y	-21.85	6.5
17	MP2C	My	.018	6.5
18	MP2C	Mz	.002	6.5
19	MP2A	Y	-21.85	.5
20	MP2A	My	-.011	.5
21	MP2A	Mz	-.015	.5
22	MP2A	Y	-21.85	6.5
23	MP2A	My	-.011	6.5
24	MP2A	Mz	-.015	6.5
25	MP2B	Y	-21.85	.5
26	MP2B	My	.018	.5
27	MP2B	Mz	-.002	.5
28	MP2B	Y	-21.85	6.5
29	MP2B	My	.018	6.5
30	MP2B	Mz	-.002	6.5
31	MP2C	Y	-21.85	.5
32	MP2C	My	-.007	.5
33	MP2C	Mz	.017	.5
34	MP2C	Y	-21.85	6.5
35	MP2C	My	-.007	6.5
36	MP2C	Mz	.017	6.5
37	MP3A	Y	-43.55	2
38	MP3A	My	-.022	2
39	MP3A	Mz	0	2
40	MP3A	Y	-43.55	5
41	MP3A	My	-.022	5
42	MP3A	Mz	0	5
43	MP3B	Y	-43.55	2
44	MP3B	My	.011	2
45	MP3B	Mz	-.019	2
46	MP3B	Y	-43.55	5
47	MP3B	My	.011	5
48	MP3B	Mz	-.019	5
49	MP3C	Y	-43.55	2
50	MP3C	My	.011	2
51	MP3C	Mz	.019	2
52	MP3C	Y	-43.55	5
53	MP3C	My	.011	5
54	MP3C	Mz	.019	5
55	M89A	Y	-32	1
56	M89A	My	-.016	1
57	M89A	Mz	0	1
58	MP2A	Y	-74.7	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2A	My	.037	2
60	MP2A	Mz	0	2
61	MP2B	Y	-74.7	2
62	MP2B	My	-.019	2
63	MP2B	Mz	.032	2
64	MP2C	Y	-74.7	2
65	MP2C	My	-.019	2
66	MP2C	Mz	-.032	2
67	MP1A	Y	-70.3	2
68	MP1A	My	.035	2
69	MP1A	Mz	0	2
70	MP1B	Y	-70.3	2
71	MP1B	My	-.018	2
72	MP1B	Mz	.03	2
73	MP1C	Y	-70.3	2
74	MP1C	My	-.018	2
75	MP1C	Mz	-.03	2
76	MP1A	Y	-13.5	2.5
77	MP1A	My	-.007	2.5
78	MP1A	Mz	0	2.5
79	MP1A	Y	-13.5	4.5
80	MP1A	My	-.007	4.5
81	MP1A	Mz	0	4.5
82	MP1B	Y	-13.5	2.5
83	MP1B	My	.003	2.5
84	MP1B	Mz	-.006	2.5
85	MP1B	Y	-13.5	4.5
86	MP1B	My	.003	4.5
87	MP1B	Mz	-.006	4.5
88	MP1C	Y	-13.5	2.5
89	MP1C	My	.003	2.5
90	MP1C	Mz	.006	2.5
91	MP1C	Y	-13.5	4.5
92	MP1C	My	.003	4.5
93	MP1C	Mz	.006	4.5
94	MP4A	Y	-13.5	2.5
95	MP4A	My	-.007	2.5
96	MP4A	Mz	0	2.5
97	MP4A	Y	-13.5	4.5
98	MP4A	My	-.007	4.5
99	MP4A	Mz	0	4.5
100	MP4B	Y	-13.5	2.5
101	MP4B	My	.003	2.5
102	MP4B	Mz	-.006	2.5
103	MP4B	Y	-13.5	4.5
104	MP4B	My	.003	4.5
105	MP4B	Mz	-.006	4.5
106	MP4C	Y	-13.5	2.5
107	MP4C	My	.003	2.5
108	MP4C	Mz	.006	2.5
109	MP4C	Y	-13.5	4.5
110	MP4C	My	.003	4.5
111	MP4C	Mz	.006	4.5

Member Point Loads (BLC 2 : Antenna Di)

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-93.23	.5
2	MP2A	My	-.047	.5
3	MP2A	Mz	.062	.5
4	MP2A	Y	-93.23	6.5
5	MP2A	My	-.047	6.5
6	MP2A	Mz	.062	6.5
7	MP2B	Y	-93.23	.5
8	MP2B	My	-.031	.5
9	MP2B	Mz	-.071	.5
10	MP2B	Y	-93.23	6.5
11	MP2B	My	-.031	6.5
12	MP2B	Mz	-.071	6.5
13	MP2C	Y	-93.23	.5
14	MP2C	My	.077	.5
15	MP2C	Mz	.009	.5
16	MP2C	Y	-93.23	6.5
17	MP2C	My	.077	6.5
18	MP2C	Mz	.009	6.5
19	MP2A	Y	-93.23	.5
20	MP2A	My	-.047	.5
21	MP2A	Mz	-.062	.5
22	MP2A	Y	-93.23	6.5
23	MP2A	My	-.047	6.5
24	MP2A	Mz	-.062	6.5
25	MP2B	Y	-93.23	.5
26	MP2B	My	.077	.5
27	MP2B	Mz	-.009	.5
28	MP2B	Y	-93.23	6.5
29	MP2B	My	.077	6.5
30	MP2B	Mz	-.009	6.5
31	MP2C	Y	-93.23	.5
32	MP2C	My	-.031	.5
33	MP2C	Mz	.071	.5
34	MP2C	Y	-93.23	6.5
35	MP2C	My	-.031	6.5
36	MP2C	Mz	.071	6.5
37	MP3A	Y	-55.017	2
38	MP3A	My	-.028	2
39	MP3A	Mz	0	2
40	MP3A	Y	-55.017	5
41	MP3A	My	-.028	5
42	MP3A	Mz	0	5
43	MP3B	Y	-55.017	2
44	MP3B	My	.014	2
45	MP3B	Mz	-.024	2
46	MP3B	Y	-55.017	5
47	MP3B	My	.014	5
48	MP3B	Mz	-.024	5
49	MP3C	Y	-55.017	2
50	MP3C	My	.014	2
51	MP3C	Mz	.024	2
52	MP3C	Y	-55.017	5
53	MP3C	My	.014	5
54	MP3C	Mz	.024	5
55	M89A	Y	-134.673	1
56	M89A	My	-.067	1
57	M89A	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	Y	-69.887	2
59	MP2A	My	.035	2
60	MP2A	Mz	0	2
61	MP2B	Y	-69.887	2
62	MP2B	My	-.017	2
63	MP2B	Mz	.03	2
64	MP2C	Y	-69.887	2
65	MP2C	My	-.017	2
66	MP2C	Mz	-.03	2
67	MP1A	Y	-66.664	2
68	MP1A	My	.033	2
69	MP1A	Mz	0	2
70	MP1B	Y	-66.664	2
71	MP1B	My	-.017	2
72	MP1B	Mz	.029	2
73	MP1C	Y	-66.664	2
74	MP1C	My	-.017	2
75	MP1C	Mz	-.029	2
76	MP1A	Y	-134.768	2.5
77	MP1A	My	-.067	2.5
78	MP1A	Mz	0	2.5
79	MP1A	Y	-134.768	4.5
80	MP1A	My	-.067	4.5
81	MP1A	Mz	0	4.5
82	MP1B	Y	-134.768	2.5
83	MP1B	My	.034	2.5
84	MP1B	Mz	-.058	2.5
85	MP1B	Y	-134.768	4.5
86	MP1B	My	.034	4.5
87	MP1B	Mz	-.058	4.5
88	MP1C	Y	-134.768	2.5
89	MP1C	My	.034	2.5
90	MP1C	Mz	.058	2.5
91	MP1C	Y	-134.768	4.5
92	MP1C	My	.034	4.5
93	MP1C	Mz	.058	4.5
94	MP4A	Y	-134.768	2.5
95	MP4A	My	-.067	2.5
96	MP4A	Mz	0	2.5
97	MP4A	Y	-134.768	4.5
98	MP4A	My	-.067	4.5
99	MP4A	Mz	0	4.5
100	MP4B	Y	-134.768	2.5
101	MP4B	My	.034	2.5
102	MP4B	Mz	-.058	2.5
103	MP4B	Y	-134.768	4.5
104	MP4B	My	.034	4.5
105	MP4B	Mz	-.058	4.5
106	MP4C	Y	-134.768	2.5
107	MP4C	My	.034	2.5
108	MP4C	Mz	.058	2.5
109	MP4C	Y	-134.768	4.5
110	MP4C	My	.034	4.5
111	MP4C	Mz	.058	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-121.921	.5
3	MP2A	Mx	-.081	.5
4	MP2A	X	0	6.5
5	MP2A	Z	-121.921	6.5
6	MP2A	Mx	-.081	6.5
7	MP2B	X	0	.5
8	MP2B	Z	-90.931	.5
9	MP2B	Mx	.07	.5
10	MP2B	X	0	6.5
11	MP2B	Z	-90.931	6.5
12	MP2B	Mx	.07	6.5
13	MP2C	X	0	.5
14	MP2C	Z	-90.931	.5
15	MP2C	Mx	-.009	.5
16	MP2C	X	0	6.5
17	MP2C	Z	-90.931	6.5
18	MP2C	Mx	-.009	6.5
19	MP2A	X	0	.5
20	MP2A	Z	-121.921	.5
21	MP2A	Mx	.081	.5
22	MP2A	X	0	6.5
23	MP2A	Z	-121.921	6.5
24	MP2A	Mx	.081	6.5
25	MP2B	X	0	.5
26	MP2B	Z	-90.931	.5
27	MP2B	Mx	.009	.5
28	MP2B	X	0	6.5
29	MP2B	Z	-90.931	6.5
30	MP2B	Mx	.009	6.5
31	MP2C	X	0	.5
32	MP2C	Z	-90.931	.5
33	MP2C	Mx	-.07	.5
34	MP2C	X	0	6.5
35	MP2C	Z	-90.931	6.5
36	MP2C	Mx	-.07	6.5
37	MP3A	X	0	2
38	MP3A	Z	-70.919	2
39	MP3A	Mx	0	2
40	MP3A	X	0	5
41	MP3A	Z	-70.919	5
42	MP3A	Mx	0	5
43	MP3B	X	0	2
44	MP3B	Z	-38.553	2
45	MP3B	Mx	.017	2
46	MP3B	X	0	5
47	MP3B	Z	-38.553	5
48	MP3B	Mx	.017	5
49	MP3C	X	0	2
50	MP3C	Z	-38.553	2
51	MP3C	Mx	-.017	2
52	MP3C	X	0	5
53	MP3C	Z	-38.553	5
54	MP3C	Mx	-.017	5
55	M89A	X	0	1
56	M89A	Z	-122.524	1
57	M89A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	0	2
59	MP2A	Z	-56.434	2
60	MP2A	Mx	0	2
61	MP2B	X	0	2
62	MP2B	Z	-42.401	2
63	MP2B	Mx	-.018	2
64	MP2C	X	0	2
65	MP2C	Z	-42.401	2
66	MP2C	Mx	.018	2
67	MP1A	X	0	2
68	MP1A	Z	-56.434	2
69	MP1A	Mx	0	2
70	MP1B	X	0	2
71	MP1B	Z	-39.854	2
72	MP1B	Mx	-.017	2
73	MP1C	X	0	2
74	MP1C	Z	-39.854	2
75	MP1C	Mx	.017	2
76	MP1A	X	0	2.5
77	MP1A	Z	-144.856	2.5
78	MP1A	Mx	0	2.5
79	MP1A	X	0	4.5
80	MP1A	Z	-144.856	4.5
81	MP1A	Mx	0	4.5
82	MP1B	X	0	2.5
83	MP1B	Z	-133.254	2.5
84	MP1B	Mx	.058	2.5
85	MP1B	X	0	4.5
86	MP1B	Z	-133.254	4.5
87	MP1B	Mx	.058	4.5
88	MP1C	X	0	2.5
89	MP1C	Z	-133.254	2.5
90	MP1C	Mx	-.058	2.5
91	MP1C	X	0	4.5
92	MP1C	Z	-133.254	4.5
93	MP1C	Mx	-.058	4.5
94	MP4A	X	0	2.5
95	MP4A	Z	-144.856	2.5
96	MP4A	Mx	0	2.5
97	MP4A	X	0	4.5
98	MP4A	Z	-144.856	4.5
99	MP4A	Mx	0	4.5
100	MP4B	X	0	2.5
101	MP4B	Z	-133.254	2.5
102	MP4B	Mx	.058	2.5
103	MP4B	X	0	4.5
104	MP4B	Z	-133.254	4.5
105	MP4B	Mx	.058	4.5
106	MP4C	X	0	2.5
107	MP4C	Z	-133.254	2.5
108	MP4C	Mx	-.058	2.5
109	MP4C	X	0	4.5
110	MP4C	Z	-133.254	4.5
111	MP4C	Mx	-.058	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	55.796	.5
2	MP2A	Z	-96.641	.5
3	MP2A	Mx	-.092	.5
4	MP2A	X	55.796	6.5
5	MP2A	Z	-96.641	6.5
6	MP2A	Mx	-.092	6.5
7	MP2B	X	40.301	.5
8	MP2B	Z	-69.803	.5
9	MP2B	Mx	.04	.5
10	MP2B	X	40.301	6.5
11	MP2B	Z	-69.803	6.5
12	MP2B	Mx	.04	6.5
13	MP2C	X	55.796	.5
14	MP2C	Z	-96.641	.5
15	MP2C	Mx	.037	.5
16	MP2C	X	55.796	6.5
17	MP2C	Z	-96.641	6.5
18	MP2C	Mx	.037	6.5
19	MP2A	X	55.796	.5
20	MP2A	Z	-96.641	.5
21	MP2A	Mx	.037	.5
22	MP2A	X	55.796	6.5
23	MP2A	Z	-96.641	6.5
24	MP2A	Mx	.037	6.5
25	MP2B	X	40.301	.5
26	MP2B	Z	-69.803	.5
27	MP2B	Mx	.04	.5
28	MP2B	X	40.301	6.5
29	MP2B	Z	-69.803	6.5
30	MP2B	Mx	.04	6.5
31	MP2C	X	55.796	.5
32	MP2C	Z	-96.641	.5
33	MP2C	Mx	-.092	.5
34	MP2C	X	55.796	6.5
35	MP2C	Z	-96.641	6.5
36	MP2C	Mx	-.092	6.5
37	MP3A	X	30.065	2
38	MP3A	Z	-52.075	2
39	MP3A	Mx	-.015	2
40	MP3A	X	30.065	5
41	MP3A	Z	-52.075	5
42	MP3A	Mx	-.015	5
43	MP3B	X	13.882	2
44	MP3B	Z	-24.045	2
45	MP3B	Mx	.014	2
46	MP3B	X	13.882	5
47	MP3B	Z	-24.045	5
48	MP3B	Mx	.014	5
49	MP3C	X	30.065	2
50	MP3C	Z	-52.075	2
51	MP3C	Mx	-.015	2
52	MP3C	X	30.065	5
53	MP3C	Z	-52.075	5
54	MP3C	Mx	-.015	5
55	M89A	X	57.631	1
56	M89A	Z	-99.82	1
57	M89A	Mx	-.029	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	25.878	2
59	MP2A	Z	-44.822	2
60	MP2A	Mx	.013	2
61	MP2B	X	18.862	2
62	MP2B	Z	-32.669	2
63	MP2B	Mx	-.019	2
64	MP2C	X	25.878	2
65	MP2C	Z	-44.822	2
66	MP2C	Mx	.013	2
67	MP1A	X	25.454	2
68	MP1A	Z	-44.087	2
69	MP1A	Mx	.013	2
70	MP1B	X	17.164	2
71	MP1B	Z	-29.729	2
72	MP1B	Mx	-.017	2
73	MP1C	X	25.454	2
74	MP1C	Z	-44.087	2
75	MP1C	Mx	.013	2
76	MP1A	X	70.494	2.5
77	MP1A	Z	-122.1	2.5
78	MP1A	Mx	-.035	2.5
79	MP1A	X	70.494	4.5
80	MP1A	Z	-122.1	4.5
81	MP1A	Mx	-.035	4.5
82	MP1B	X	64.693	2.5
83	MP1B	Z	-112.052	2.5
84	MP1B	Mx	.065	2.5
85	MP1B	X	64.693	4.5
86	MP1B	Z	-112.052	4.5
87	MP1B	Mx	.065	4.5
88	MP1C	X	70.494	2.5
89	MP1C	Z	-122.1	2.5
90	MP1C	Mx	-.035	2.5
91	MP1C	X	70.494	4.5
92	MP1C	Z	-122.1	4.5
93	MP1C	Mx	-.035	4.5
94	MP4A	X	70.494	2.5
95	MP4A	Z	-122.1	2.5
96	MP4A	Mx	-.035	2.5
97	MP4A	X	70.494	4.5
98	MP4A	Z	-122.1	4.5
99	MP4A	Mx	-.035	4.5
100	MP4B	X	64.693	2.5
101	MP4B	Z	-112.052	2.5
102	MP4B	Mx	.065	2.5
103	MP4B	X	64.693	4.5
104	MP4B	Z	-112.052	4.5
105	MP4B	Mx	.065	4.5
106	MP4C	X	70.494	2.5
107	MP4C	Z	-122.1	2.5
108	MP4C	Mx	-.035	2.5
109	MP4C	X	70.494	4.5
110	MP4C	Z	-122.1	4.5
111	MP4C	Mx	-.035	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	78.749	.5
2	MP2A	Z	-45.466	.5
3	MP2A	Mx	-.07	.5
4	MP2A	X	78.749	6.5
5	MP2A	Z	-45.466	6.5
6	MP2A	Mx	-.07	6.5
7	MP2B	X	78.749	.5
8	MP2B	Z	-45.466	.5
9	MP2B	Mx	.009	.5
10	MP2B	X	78.749	6.5
11	MP2B	Z	-45.466	6.5
12	MP2B	Mx	.009	6.5
13	MP2C	X	105.587	.5
14	MP2C	Z	-60.96	.5
15	MP2C	Mx	.081	.5
16	MP2C	X	105.587	6.5
17	MP2C	Z	-60.96	6.5
18	MP2C	Mx	.081	6.5
19	MP2A	X	78.749	.5
20	MP2A	Z	-45.466	.5
21	MP2A	Mx	-.009	.5
22	MP2A	X	78.749	6.5
23	MP2A	Z	-45.466	6.5
24	MP2A	Mx	-.009	6.5
25	MP2B	X	78.749	.5
26	MP2B	Z	-45.466	.5
27	MP2B	Mx	.07	.5
28	MP2B	X	78.749	6.5
29	MP2B	Z	-45.466	6.5
30	MP2B	Mx	.07	6.5
31	MP2C	X	105.587	.5
32	MP2C	Z	-60.96	.5
33	MP2C	Mx	-.081	.5
34	MP2C	X	105.587	6.5
35	MP2C	Z	-60.96	6.5
36	MP2C	Mx	-.081	6.5
37	MP3A	X	33.388	2
38	MP3A	Z	-19.277	2
39	MP3A	Mx	-.017	2
40	MP3A	X	33.388	5
41	MP3A	Z	-19.277	5
42	MP3A	Mx	-.017	5
43	MP3B	X	33.388	2
44	MP3B	Z	-19.277	2
45	MP3B	Mx	.017	2
46	MP3B	X	33.388	5
47	MP3B	Z	-19.277	5
48	MP3B	Mx	.017	5
49	MP3C	X	61.418	2
50	MP3C	Z	-35.46	2
51	MP3C	Mx	0	2
52	MP3C	X	61.418	5
53	MP3C	Z	-35.46	5
54	MP3C	Mx	0	5
55	M89A	X	87.243	1
56	M89A	Z	-50.37	1
57	M89A	Mx	-.044	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	36.72	2
59	MP2A	Z	-21.2	2
60	MP2A	Mx	.018	2
61	MP2B	X	36.72	2
62	MP2B	Z	-21.2	2
63	MP2B	Mx	-.018	2
64	MP2C	X	48.873	2
65	MP2C	Z	-28.217	2
66	MP2C	Mx	0	2
67	MP1A	X	34.515	2
68	MP1A	Z	-19.927	2
69	MP1A	Mx	.017	2
70	MP1B	X	34.515	2
71	MP1B	Z	-19.927	2
72	MP1B	Mx	-.017	2
73	MP1C	X	48.873	2
74	MP1C	Z	-28.217	2
75	MP1C	Mx	0	2
76	MP1A	X	115.401	2.5
77	MP1A	Z	-66.627	2.5
78	MP1A	Mx	-.058	2.5
79	MP1A	X	115.401	4.5
80	MP1A	Z	-66.627	4.5
81	MP1A	Mx	-.058	4.5
82	MP1B	X	115.401	2.5
83	MP1B	Z	-66.627	2.5
84	MP1B	Mx	.058	2.5
85	MP1B	X	115.401	4.5
86	MP1B	Z	-66.627	4.5
87	MP1B	Mx	.058	4.5
88	MP1C	X	125.449	2.5
89	MP1C	Z	-72.428	2.5
90	MP1C	Mx	0	2.5
91	MP1C	X	125.449	4.5
92	MP1C	Z	-72.428	4.5
93	MP1C	Mx	0	4.5
94	MP4A	X	115.401	2.5
95	MP4A	Z	-66.627	2.5
96	MP4A	Mx	-.058	2.5
97	MP4A	X	115.401	4.5
98	MP4A	Z	-66.627	4.5
99	MP4A	Mx	-.058	4.5
100	MP4B	X	115.401	2.5
101	MP4B	Z	-66.627	2.5
102	MP4B	Mx	.058	2.5
103	MP4B	X	115.401	4.5
104	MP4B	Z	-66.627	4.5
105	MP4B	Mx	.058	4.5
106	MP4C	X	125.449	2.5
107	MP4C	Z	-72.428	2.5
108	MP4C	Mx	0	2.5
109	MP4C	X	125.449	4.5
110	MP4C	Z	-72.428	4.5
111	MP4C	Mx	0	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	80.602	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.04	.5
4	MP2A	X	80.602	6.5
5	MP2A	Z	0	6.5
6	MP2A	Mx	-.04	6.5
7	MP2B	X	111.591	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.037	.5
10	MP2B	X	111.591	6.5
11	MP2B	Z	0	6.5
12	MP2B	Mx	-.037	6.5
13	MP2C	X	111.591	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.092	.5
16	MP2C	X	111.591	6.5
17	MP2C	Z	0	6.5
18	MP2C	Mx	.092	6.5
19	MP2A	X	80.602	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.04	.5
22	MP2A	X	80.602	6.5
23	MP2A	Z	0	6.5
24	MP2A	Mx	-.04	6.5
25	MP2B	X	111.591	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.092	.5
28	MP2B	X	111.591	6.5
29	MP2B	Z	0	6.5
30	MP2B	Mx	.092	6.5
31	MP2C	X	111.591	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.037	.5
34	MP2C	X	111.591	6.5
35	MP2C	Z	0	6.5
36	MP2C	Mx	-.037	6.5
37	MP3A	X	27.765	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.014	2
40	MP3A	X	27.765	5
41	MP3A	Z	0	5
42	MP3A	Mx	-.014	5
43	MP3B	X	60.131	2
44	MP3B	Z	0	2
45	MP3B	Mx	.015	2
46	MP3B	X	60.131	5
47	MP3B	Z	0	5
48	MP3B	Mx	.015	5
49	MP3C	X	60.131	2
50	MP3C	Z	0	2
51	MP3C	Mx	.015	2
52	MP3C	X	60.131	5
53	MP3C	Z	0	5
54	MP3C	Mx	.015	5
55	M89A	X	93.478	1
56	M89A	Z	0	1
57	M89A	Mx	-.047	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	37.723	2
59	MP2A	Z	0	2
60	MP2A	Mx	.019	2
61	MP2B	X	51.756	2
62	MP2B	Z	0	2
63	MP2B	Mx	-.013	2
64	MP2C	X	51.756	2
65	MP2C	Z	0	2
66	MP2C	Mx	-.013	2
67	MP1A	X	34.328	2
68	MP1A	Z	0	2
69	MP1A	Mx	.017	2
70	MP1B	X	50.907	2
71	MP1B	Z	0	2
72	MP1B	Mx	-.013	2
73	MP1C	X	50.907	2
74	MP1C	Z	0	2
75	MP1C	Mx	-.013	2
76	MP1A	X	129.386	2.5
77	MP1A	Z	0	2.5
78	MP1A	Mx	-.065	2.5
79	MP1A	X	129.386	4.5
80	MP1A	Z	0	4.5
81	MP1A	Mx	-.065	4.5
82	MP1B	X	140.989	2.5
83	MP1B	Z	0	2.5
84	MP1B	Mx	.035	2.5
85	MP1B	X	140.989	4.5
86	MP1B	Z	0	4.5
87	MP1B	Mx	.035	4.5
88	MP1C	X	140.989	2.5
89	MP1C	Z	0	2.5
90	MP1C	Mx	.035	2.5
91	MP1C	X	140.989	4.5
92	MP1C	Z	0	4.5
93	MP1C	Mx	.035	4.5
94	MP4A	X	129.386	2.5
95	MP4A	Z	0	2.5
96	MP4A	Mx	-.065	2.5
97	MP4A	X	129.386	4.5
98	MP4A	Z	0	4.5
99	MP4A	Mx	-.065	4.5
100	MP4B	X	140.989	2.5
101	MP4B	Z	0	2.5
102	MP4B	Mx	.035	2.5
103	MP4B	X	140.989	4.5
104	MP4B	Z	0	4.5
105	MP4B	Mx	.035	4.5
106	MP4C	X	140.989	2.5
107	MP4C	Z	0	2.5
108	MP4C	Mx	.035	2.5
109	MP4C	X	140.989	4.5
110	MP4C	Z	0	4.5
111	MP4C	Mx	.035	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	78.749	.5
2	MP2A	Z	45.466	.5
3	MP2A	Mx	-.009	.5
4	MP2A	X	78.749	6.5
5	MP2A	Z	45.466	6.5
6	MP2A	Mx	-.009	6.5
7	MP2B	X	105.587	.5
8	MP2B	Z	60.96	.5
9	MP2B	Mx	-.081	.5
10	MP2B	X	105.587	6.5
11	MP2B	Z	60.96	6.5
12	MP2B	Mx	-.081	6.5
13	MP2C	X	78.749	.5
14	MP2C	Z	45.466	.5
15	MP2C	Mx	.07	.5
16	MP2C	X	78.749	6.5
17	MP2C	Z	45.466	6.5
18	MP2C	Mx	.07	6.5
19	MP2A	X	78.749	.5
20	MP2A	Z	45.466	.5
21	MP2A	Mx	-.07	.5
22	MP2A	X	78.749	6.5
23	MP2A	Z	45.466	6.5
24	MP2A	Mx	-.07	6.5
25	MP2B	X	105.587	.5
26	MP2B	Z	60.96	.5
27	MP2B	Mx	.081	.5
28	MP2B	X	105.587	6.5
29	MP2B	Z	60.96	6.5
30	MP2B	Mx	.081	6.5
31	MP2C	X	78.749	.5
32	MP2C	Z	45.466	.5
33	MP2C	Mx	.009	.5
34	MP2C	X	78.749	6.5
35	MP2C	Z	45.466	6.5
36	MP2C	Mx	.009	6.5
37	MP3A	X	33.388	2
38	MP3A	Z	19.277	2
39	MP3A	Mx	-.017	2
40	MP3A	X	33.388	5
41	MP3A	Z	19.277	5
42	MP3A	Mx	-.017	5
43	MP3B	X	61.418	2
44	MP3B	Z	35.46	2
45	MP3B	Mx	0	2
46	MP3B	X	61.418	5
47	MP3B	Z	35.46	5
48	MP3B	Mx	0	5
49	MP3C	X	33.388	2
50	MP3C	Z	19.277	2
51	MP3C	Mx	.017	2
52	MP3C	X	33.388	5
53	MP3C	Z	19.277	5
54	MP3C	Mx	.017	5
55	M89A	X	87.243	1
56	M89A	Z	50.37	1
57	M89A	Mx	-.044	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	36.72	2
59	MP2A	Z	21.2	2
60	MP2A	Mx	.018	2
61	MP2B	X	48.873	2
62	MP2B	Z	28.217	2
63	MP2B	Mx	0	2
64	MP2C	X	36.72	2
65	MP2C	Z	21.2	2
66	MP2C	Mx	-.018	2
67	MP1A	X	34.515	2
68	MP1A	Z	19.927	2
69	MP1A	Mx	.017	2
70	MP1B	X	48.873	2
71	MP1B	Z	28.217	2
72	MP1B	Mx	0	2
73	MP1C	X	34.515	2
74	MP1C	Z	19.927	2
75	MP1C	Mx	-.017	2
76	MP1A	X	115.401	2.5
77	MP1A	Z	66.627	2.5
78	MP1A	Mx	-.058	2.5
79	MP1A	X	115.401	4.5
80	MP1A	Z	66.627	4.5
81	MP1A	Mx	-.058	4.5
82	MP1B	X	125.449	2.5
83	MP1B	Z	72.428	2.5
84	MP1B	Mx	0	2.5
85	MP1B	X	125.449	4.5
86	MP1B	Z	72.428	4.5
87	MP1B	Mx	0	4.5
88	MP1C	X	115.401	2.5
89	MP1C	Z	66.627	2.5
90	MP1C	Mx	.058	2.5
91	MP1C	X	115.401	4.5
92	MP1C	Z	66.627	4.5
93	MP1C	Mx	.058	4.5
94	MP4A	X	115.401	2.5
95	MP4A	Z	66.627	2.5
96	MP4A	Mx	-.058	2.5
97	MP4A	X	115.401	4.5
98	MP4A	Z	66.627	4.5
99	MP4A	Mx	-.058	4.5
100	MP4B	X	125.449	2.5
101	MP4B	Z	72.428	2.5
102	MP4B	Mx	0	2.5
103	MP4B	X	125.449	4.5
104	MP4B	Z	72.428	4.5
105	MP4B	Mx	0	4.5
106	MP4C	X	115.401	2.5
107	MP4C	Z	66.627	2.5
108	MP4C	Mx	.058	2.5
109	MP4C	X	115.401	4.5
110	MP4C	Z	66.627	4.5
111	MP4C	Mx	.058	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	55.796	.5
2	MP2A	Z	96.641	.5
3	MP2A	Mx	.037	.5
4	MP2A	X	55.796	6.5
5	MP2A	Z	96.641	6.5
6	MP2A	Mx	.037	6.5
7	MP2B	X	55.796	.5
8	MP2B	Z	96.641	.5
9	MP2B	Mx	-.092	.5
10	MP2B	X	55.796	6.5
11	MP2B	Z	96.641	6.5
12	MP2B	Mx	-.092	6.5
13	MP2C	X	40.301	.5
14	MP2C	Z	69.803	.5
15	MP2C	Mx	.04	.5
16	MP2C	X	40.301	6.5
17	MP2C	Z	69.803	6.5
18	MP2C	Mx	.04	6.5
19	MP2A	X	55.796	.5
20	MP2A	Z	96.641	.5
21	MP2A	Mx	-.092	.5
22	MP2A	X	55.796	6.5
23	MP2A	Z	96.641	6.5
24	MP2A	Mx	-.092	6.5
25	MP2B	X	55.796	.5
26	MP2B	Z	96.641	.5
27	MP2B	Mx	.037	.5
28	MP2B	X	55.796	6.5
29	MP2B	Z	96.641	6.5
30	MP2B	Mx	.037	6.5
31	MP2C	X	40.301	.5
32	MP2C	Z	69.803	.5
33	MP2C	Mx	.04	.5
34	MP2C	X	40.301	6.5
35	MP2C	Z	69.803	6.5
36	MP2C	Mx	.04	6.5
37	MP3A	X	30.065	2
38	MP3A	Z	52.075	2
39	MP3A	Mx	-.015	2
40	MP3A	X	30.065	5
41	MP3A	Z	52.075	5
42	MP3A	Mx	-.015	5
43	MP3B	X	30.065	2
44	MP3B	Z	52.075	2
45	MP3B	Mx	-.015	2
46	MP3B	X	30.065	5
47	MP3B	Z	52.075	5
48	MP3B	Mx	-.015	5
49	MP3C	X	13.882	2
50	MP3C	Z	24.045	2
51	MP3C	Mx	.014	2
52	MP3C	X	13.882	5
53	MP3C	Z	24.045	5
54	MP3C	Mx	.014	5
55	M89A	X	57.631	1
56	M89A	Z	99.82	1
57	M89A	Mx	-.029	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	25.878	2
59	MP2A	Z	44.822	2
60	MP2A	Mx	.013	2
61	MP2B	X	25.878	2
62	MP2B	Z	44.822	2
63	MP2B	Mx	.013	2
64	MP2C	X	18.862	2
65	MP2C	Z	32.669	2
66	MP2C	Mx	-.019	2
67	MP1A	X	25.454	2
68	MP1A	Z	44.087	2
69	MP1A	Mx	.013	2
70	MP1B	X	25.454	2
71	MP1B	Z	44.087	2
72	MP1B	Mx	.013	2
73	MP1C	X	17.164	2
74	MP1C	Z	29.729	2
75	MP1C	Mx	-.017	2
76	MP1A	X	70.494	2.5
77	MP1A	Z	122.1	2.5
78	MP1A	Mx	-.035	2.5
79	MP1A	X	70.494	4.5
80	MP1A	Z	122.1	4.5
81	MP1A	Mx	-.035	4.5
82	MP1B	X	70.494	2.5
83	MP1B	Z	122.1	2.5
84	MP1B	Mx	-.035	2.5
85	MP1B	X	70.494	4.5
86	MP1B	Z	122.1	4.5
87	MP1B	Mx	-.035	4.5
88	MP1C	X	64.693	2.5
89	MP1C	Z	112.052	2.5
90	MP1C	Mx	.065	2.5
91	MP1C	X	64.693	4.5
92	MP1C	Z	112.052	4.5
93	MP1C	Mx	.065	4.5
94	MP4A	X	70.494	2.5
95	MP4A	Z	122.1	2.5
96	MP4A	Mx	-.035	2.5
97	MP4A	X	70.494	4.5
98	MP4A	Z	122.1	4.5
99	MP4A	Mx	-.035	4.5
100	MP4B	X	70.494	2.5
101	MP4B	Z	122.1	2.5
102	MP4B	Mx	-.035	2.5
103	MP4B	X	70.494	4.5
104	MP4B	Z	122.1	4.5
105	MP4B	Mx	-.035	4.5
106	MP4C	X	64.693	2.5
107	MP4C	Z	112.052	2.5
108	MP4C	Mx	.065	2.5
109	MP4C	X	64.693	4.5
110	MP4C	Z	112.052	4.5
111	MP4C	Mx	.065	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	121.921	.5
3	MP2A	Mx	.081	.5
4	MP2A	X	0	6.5
5	MP2A	Z	121.921	6.5
6	MP2A	Mx	.081	6.5
7	MP2B	X	0	.5
8	MP2B	Z	90.931	.5
9	MP2B	Mx	-.07	.5
10	MP2B	X	0	6.5
11	MP2B	Z	90.931	6.5
12	MP2B	Mx	-.07	6.5
13	MP2C	X	0	.5
14	MP2C	Z	90.931	.5
15	MP2C	Mx	.009	.5
16	MP2C	X	0	6.5
17	MP2C	Z	90.931	6.5
18	MP2C	Mx	.009	6.5
19	MP2A	X	0	.5
20	MP2A	Z	121.921	.5
21	MP2A	Mx	-.081	.5
22	MP2A	X	0	6.5
23	MP2A	Z	121.921	6.5
24	MP2A	Mx	-.081	6.5
25	MP2B	X	0	.5
26	MP2B	Z	90.931	.5
27	MP2B	Mx	-.009	.5
28	MP2B	X	0	6.5
29	MP2B	Z	90.931	6.5
30	MP2B	Mx	-.009	6.5
31	MP2C	X	0	.5
32	MP2C	Z	90.931	.5
33	MP2C	Mx	.07	.5
34	MP2C	X	0	6.5
35	MP2C	Z	90.931	6.5
36	MP2C	Mx	.07	6.5
37	MP3A	X	0	2
38	MP3A	Z	70.919	2
39	MP3A	Mx	0	2
40	MP3A	X	0	5
41	MP3A	Z	70.919	5
42	MP3A	Mx	0	5
43	MP3B	X	0	2
44	MP3B	Z	38.553	2
45	MP3B	Mx	-.017	2
46	MP3B	X	0	5
47	MP3B	Z	38.553	5
48	MP3B	Mx	-.017	5
49	MP3C	X	0	2
50	MP3C	Z	38.553	2
51	MP3C	Mx	.017	2
52	MP3C	X	0	5
53	MP3C	Z	38.553	5
54	MP3C	Mx	.017	5
55	M89A	X	0	1
56	M89A	Z	122.524	1
57	M89A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	0	2
59	MP2A	Z	56.434	2
60	MP2A	Mx	0	2
61	MP2B	X	0	2
62	MP2B	Z	42.401	2
63	MP2B	Mx	.018	2
64	MP2C	X	0	2
65	MP2C	Z	42.401	2
66	MP2C	Mx	-.018	2
67	MP1A	X	0	2
68	MP1A	Z	56.434	2
69	MP1A	Mx	0	2
70	MP1B	X	0	2
71	MP1B	Z	39.854	2
72	MP1B	Mx	.017	2
73	MP1C	X	0	2
74	MP1C	Z	39.854	2
75	MP1C	Mx	-.017	2
76	MP1A	X	0	2.5
77	MP1A	Z	144.856	2.5
78	MP1A	Mx	0	2.5
79	MP1A	X	0	4.5
80	MP1A	Z	144.856	4.5
81	MP1A	Mx	0	4.5
82	MP1B	X	0	2.5
83	MP1B	Z	133.254	2.5
84	MP1B	Mx	-.058	2.5
85	MP1B	X	0	4.5
86	MP1B	Z	133.254	4.5
87	MP1B	Mx	-.058	4.5
88	MP1C	X	0	2.5
89	MP1C	Z	133.254	2.5
90	MP1C	Mx	.058	2.5
91	MP1C	X	0	4.5
92	MP1C	Z	133.254	4.5
93	MP1C	Mx	.058	4.5
94	MP4A	X	0	2.5
95	MP4A	Z	144.856	2.5
96	MP4A	Mx	0	2.5
97	MP4A	X	0	4.5
98	MP4A	Z	144.856	4.5
99	MP4A	Mx	0	4.5
100	MP4B	X	0	2.5
101	MP4B	Z	133.254	2.5
102	MP4B	Mx	-.058	2.5
103	MP4B	X	0	4.5
104	MP4B	Z	133.254	4.5
105	MP4B	Mx	-.058	4.5
106	MP4C	X	0	2.5
107	MP4C	Z	133.254	2.5
108	MP4C	Mx	.058	2.5
109	MP4C	X	0	4.5
110	MP4C	Z	133.254	4.5
111	MP4C	Mx	.058	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-55.796	.5
2	MP2A	Z	96.641	.5
3	MP2A	Mx	.092	.5
4	MP2A	X	-55.796	6.5
5	MP2A	Z	96.641	6.5
6	MP2A	Mx	.092	6.5
7	MP2B	X	-40.301	.5
8	MP2B	Z	69.803	.5
9	MP2B	Mx	-.04	.5
10	MP2B	X	-40.301	6.5
11	MP2B	Z	69.803	6.5
12	MP2B	Mx	-.04	6.5
13	MP2C	X	-55.796	.5
14	MP2C	Z	96.641	.5
15	MP2C	Mx	-.037	.5
16	MP2C	X	-55.796	6.5
17	MP2C	Z	96.641	6.5
18	MP2C	Mx	-.037	6.5
19	MP2A	X	-55.796	.5
20	MP2A	Z	96.641	.5
21	MP2A	Mx	-.037	.5
22	MP2A	X	-55.796	6.5
23	MP2A	Z	96.641	6.5
24	MP2A	Mx	-.037	6.5
25	MP2B	X	-40.301	.5
26	MP2B	Z	69.803	.5
27	MP2B	Mx	-.04	.5
28	MP2B	X	-40.301	6.5
29	MP2B	Z	69.803	6.5
30	MP2B	Mx	-.04	6.5
31	MP2C	X	-55.796	.5
32	MP2C	Z	96.641	.5
33	MP2C	Mx	.092	.5
34	MP2C	X	-55.796	6.5
35	MP2C	Z	96.641	6.5
36	MP2C	Mx	.092	6.5
37	MP3A	X	-30.065	2
38	MP3A	Z	52.075	2
39	MP3A	Mx	.015	2
40	MP3A	X	-30.065	5
41	MP3A	Z	52.075	5
42	MP3A	Mx	.015	5
43	MP3B	X	-13.882	2
44	MP3B	Z	24.045	2
45	MP3B	Mx	-.014	2
46	MP3B	X	-13.882	5
47	MP3B	Z	24.045	5
48	MP3B	Mx	-.014	5
49	MP3C	X	-30.065	2
50	MP3C	Z	52.075	2
51	MP3C	Mx	.015	2
52	MP3C	X	-30.065	5
53	MP3C	Z	52.075	5
54	MP3C	Mx	.015	5
55	M89A	X	-57.631	1
56	M89A	Z	99.82	1
57	M89A	Mx	.029	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-25.878	2
59	MP2A	Z	44.822	2
60	MP2A	Mx	-.013	2
61	MP2B	X	-18.862	2
62	MP2B	Z	32.669	2
63	MP2B	Mx	.019	2
64	MP2C	X	-25.878	2
65	MP2C	Z	44.822	2
66	MP2C	Mx	-.013	2
67	MP1A	X	-25.454	2
68	MP1A	Z	44.087	2
69	MP1A	Mx	-.013	2
70	MP1B	X	-17.164	2
71	MP1B	Z	29.729	2
72	MP1B	Mx	.017	2
73	MP1C	X	-25.454	2
74	MP1C	Z	44.087	2
75	MP1C	Mx	-.013	2
76	MP1A	X	-70.494	2.5
77	MP1A	Z	122.1	2.5
78	MP1A	Mx	.035	2.5
79	MP1A	X	-70.494	4.5
80	MP1A	Z	122.1	4.5
81	MP1A	Mx	.035	4.5
82	MP1B	X	-64.693	2.5
83	MP1B	Z	112.052	2.5
84	MP1B	Mx	-.065	2.5
85	MP1B	X	-64.693	4.5
86	MP1B	Z	112.052	4.5
87	MP1B	Mx	-.065	4.5
88	MP1C	X	-70.494	2.5
89	MP1C	Z	122.1	2.5
90	MP1C	Mx	.035	2.5
91	MP1C	X	-70.494	4.5
92	MP1C	Z	122.1	4.5
93	MP1C	Mx	.035	4.5
94	MP4A	X	-70.494	2.5
95	MP4A	Z	122.1	2.5
96	MP4A	Mx	.035	2.5
97	MP4A	X	-70.494	4.5
98	MP4A	Z	122.1	4.5
99	MP4A	Mx	.035	4.5
100	MP4B	X	-64.693	2.5
101	MP4B	Z	112.052	2.5
102	MP4B	Mx	-.065	2.5
103	MP4B	X	-64.693	4.5
104	MP4B	Z	112.052	4.5
105	MP4B	Mx	-.065	4.5
106	MP4C	X	-70.494	2.5
107	MP4C	Z	122.1	2.5
108	MP4C	Mx	.035	2.5
109	MP4C	X	-70.494	4.5
110	MP4C	Z	122.1	4.5
111	MP4C	Mx	.035	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-78.749	.5
2	MP2A	Z	45.466	.5
3	MP2A	Mx	.07	.5
4	MP2A	X	-78.749	6.5
5	MP2A	Z	45.466	6.5
6	MP2A	Mx	.07	6.5
7	MP2B	X	-78.749	.5
8	MP2B	Z	45.466	.5
9	MP2B	Mx	-.009	.5
10	MP2B	X	-78.749	6.5
11	MP2B	Z	45.466	6.5
12	MP2B	Mx	-.009	6.5
13	MP2C	X	-105.587	.5
14	MP2C	Z	60.96	.5
15	MP2C	Mx	-.081	.5
16	MP2C	X	-105.587	6.5
17	MP2C	Z	60.96	6.5
18	MP2C	Mx	-.081	6.5
19	MP2A	X	-78.749	.5
20	MP2A	Z	45.466	.5
21	MP2A	Mx	.009	.5
22	MP2A	X	-78.749	6.5
23	MP2A	Z	45.466	6.5
24	MP2A	Mx	.009	6.5
25	MP2B	X	-78.749	.5
26	MP2B	Z	45.466	.5
27	MP2B	Mx	-.07	.5
28	MP2B	X	-78.749	6.5
29	MP2B	Z	45.466	6.5
30	MP2B	Mx	-.07	6.5
31	MP2C	X	-105.587	.5
32	MP2C	Z	60.96	.5
33	MP2C	Mx	.081	.5
34	MP2C	X	-105.587	6.5
35	MP2C	Z	60.96	6.5
36	MP2C	Mx	.081	6.5
37	MP3A	X	-33.388	2
38	MP3A	Z	19.277	2
39	MP3A	Mx	.017	2
40	MP3A	X	-33.388	5
41	MP3A	Z	19.277	5
42	MP3A	Mx	.017	5
43	MP3B	X	-33.388	2
44	MP3B	Z	19.277	2
45	MP3B	Mx	-.017	2
46	MP3B	X	-33.388	5
47	MP3B	Z	19.277	5
48	MP3B	Mx	-.017	5
49	MP3C	X	-61.418	2
50	MP3C	Z	35.46	2
51	MP3C	Mx	0	2
52	MP3C	X	-61.418	5
53	MP3C	Z	35.46	5
54	MP3C	Mx	0	5
55	M89A	X	-87.243	1
56	M89A	Z	50.37	1
57	M89A	Mx	.044	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-36.72	2
59	MP2A	Z	21.2	2
60	MP2A	Mx	-.018	2
61	MP2B	X	-36.72	2
62	MP2B	Z	21.2	2
63	MP2B	Mx	.018	2
64	MP2C	X	-48.873	2
65	MP2C	Z	28.217	2
66	MP2C	Mx	0	2
67	MP1A	X	-34.515	2
68	MP1A	Z	19.927	2
69	MP1A	Mx	-.017	2
70	MP1B	X	-34.515	2
71	MP1B	Z	19.927	2
72	MP1B	Mx	.017	2
73	MP1C	X	-48.873	2
74	MP1C	Z	28.217	2
75	MP1C	Mx	0	2
76	MP1A	X	-115.401	2.5
77	MP1A	Z	66.627	2.5
78	MP1A	Mx	.058	2.5
79	MP1A	X	-115.401	4.5
80	MP1A	Z	66.627	4.5
81	MP1A	Mx	.058	4.5
82	MP1B	X	-115.401	2.5
83	MP1B	Z	66.627	2.5
84	MP1B	Mx	-.058	2.5
85	MP1B	X	-115.401	4.5
86	MP1B	Z	66.627	4.5
87	MP1B	Mx	-.058	4.5
88	MP1C	X	-125.449	2.5
89	MP1C	Z	72.428	2.5
90	MP1C	Mx	0	2.5
91	MP1C	X	-125.449	4.5
92	MP1C	Z	72.428	4.5
93	MP1C	Mx	0	4.5
94	MP4A	X	-115.401	2.5
95	MP4A	Z	66.627	2.5
96	MP4A	Mx	.058	2.5
97	MP4A	X	-115.401	4.5
98	MP4A	Z	66.627	4.5
99	MP4A	Mx	.058	4.5
100	MP4B	X	-115.401	2.5
101	MP4B	Z	66.627	2.5
102	MP4B	Mx	-.058	2.5
103	MP4B	X	-115.401	4.5
104	MP4B	Z	66.627	4.5
105	MP4B	Mx	-.058	4.5
106	MP4C	X	-125.449	2.5
107	MP4C	Z	72.428	2.5
108	MP4C	Mx	0	2.5
109	MP4C	X	-125.449	4.5
110	MP4C	Z	72.428	4.5
111	MP4C	Mx	0	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-80.602	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.04	.5
4	MP2A	X	-80.602	6.5
5	MP2A	Z	0	6.5
6	MP2A	Mx	.04	6.5
7	MP2B	X	-111.591	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.037	.5
10	MP2B	X	-111.591	6.5
11	MP2B	Z	0	6.5
12	MP2B	Mx	.037	6.5
13	MP2C	X	-111.591	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.092	.5
16	MP2C	X	-111.591	6.5
17	MP2C	Z	0	6.5
18	MP2C	Mx	-.092	6.5
19	MP2A	X	-80.602	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.04	.5
22	MP2A	X	-80.602	6.5
23	MP2A	Z	0	6.5
24	MP2A	Mx	.04	6.5
25	MP2B	X	-111.591	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.092	.5
28	MP2B	X	-111.591	6.5
29	MP2B	Z	0	6.5
30	MP2B	Mx	-.092	6.5
31	MP2C	X	-111.591	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.037	.5
34	MP2C	X	-111.591	6.5
35	MP2C	Z	0	6.5
36	MP2C	Mx	.037	6.5
37	MP3A	X	-27.765	2
38	MP3A	Z	0	2
39	MP3A	Mx	.014	2
40	MP3A	X	-27.765	5
41	MP3A	Z	0	5
42	MP3A	Mx	.014	5
43	MP3B	X	-60.131	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.015	2
46	MP3B	X	-60.131	5
47	MP3B	Z	0	5
48	MP3B	Mx	-.015	5
49	MP3C	X	-60.131	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.015	2
52	MP3C	X	-60.131	5
53	MP3C	Z	0	5
54	MP3C	Mx	-.015	5
55	M89A	X	-93.478	1
56	M89A	Z	0	1
57	M89A	Mx	.047	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-37.723	2
59	MP2A	Z	0	2
60	MP2A	Mx	-.019	2
61	MP2B	X	-51.756	2
62	MP2B	Z	0	2
63	MP2B	Mx	.013	2
64	MP2C	X	-51.756	2
65	MP2C	Z	0	2
66	MP2C	Mx	.013	2
67	MP1A	X	-34.328	2
68	MP1A	Z	0	2
69	MP1A	Mx	-.017	2
70	MP1B	X	-50.907	2
71	MP1B	Z	0	2
72	MP1B	Mx	.013	2
73	MP1C	X	-50.907	2
74	MP1C	Z	0	2
75	MP1C	Mx	.013	2
76	MP1A	X	-129.386	2.5
77	MP1A	Z	0	2.5
78	MP1A	Mx	.065	2.5
79	MP1A	X	-129.386	4.5
80	MP1A	Z	0	4.5
81	MP1A	Mx	.065	4.5
82	MP1B	X	-140.989	2.5
83	MP1B	Z	0	2.5
84	MP1B	Mx	-.035	2.5
85	MP1B	X	-140.989	4.5
86	MP1B	Z	0	4.5
87	MP1B	Mx	-.035	4.5
88	MP1C	X	-140.989	2.5
89	MP1C	Z	0	2.5
90	MP1C	Mx	-.035	2.5
91	MP1C	X	-140.989	4.5
92	MP1C	Z	0	4.5
93	MP1C	Mx	-.035	4.5
94	MP4A	X	-129.386	2.5
95	MP4A	Z	0	2.5
96	MP4A	Mx	.065	2.5
97	MP4A	X	-129.386	4.5
98	MP4A	Z	0	4.5
99	MP4A	Mx	.065	4.5
100	MP4B	X	-140.989	2.5
101	MP4B	Z	0	2.5
102	MP4B	Mx	-.035	2.5
103	MP4B	X	-140.989	4.5
104	MP4B	Z	0	4.5
105	MP4B	Mx	-.035	4.5
106	MP4C	X	-140.989	2.5
107	MP4C	Z	0	2.5
108	MP4C	Mx	-.035	2.5
109	MP4C	X	-140.989	4.5
110	MP4C	Z	0	4.5
111	MP4C	Mx	-.035	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-78.749	.5
2	MP2A	Z	-45.466	.5
3	MP2A	Mx	.009	.5
4	MP2A	X	-78.749	6.5
5	MP2A	Z	-45.466	6.5
6	MP2A	Mx	.009	6.5
7	MP2B	X	-105.587	.5
8	MP2B	Z	-60.96	.5
9	MP2B	Mx	.081	.5
10	MP2B	X	-105.587	6.5
11	MP2B	Z	-60.96	6.5
12	MP2B	Mx	.081	6.5
13	MP2C	X	-78.749	.5
14	MP2C	Z	-45.466	.5
15	MP2C	Mx	-.07	.5
16	MP2C	X	-78.749	6.5
17	MP2C	Z	-45.466	6.5
18	MP2C	Mx	-.07	6.5
19	MP2A	X	-78.749	.5
20	MP2A	Z	-45.466	.5
21	MP2A	Mx	.07	.5
22	MP2A	X	-78.749	6.5
23	MP2A	Z	-45.466	6.5
24	MP2A	Mx	.07	6.5
25	MP2B	X	-105.587	.5
26	MP2B	Z	-60.96	.5
27	MP2B	Mx	-.081	.5
28	MP2B	X	-105.587	6.5
29	MP2B	Z	-60.96	6.5
30	MP2B	Mx	-.081	6.5
31	MP2C	X	-78.749	.5
32	MP2C	Z	-45.466	.5
33	MP2C	Mx	-.009	.5
34	MP2C	X	-78.749	6.5
35	MP2C	Z	-45.466	6.5
36	MP2C	Mx	-.009	6.5
37	MP3A	X	-33.388	2
38	MP3A	Z	-19.277	2
39	MP3A	Mx	.017	2
40	MP3A	X	-33.388	5
41	MP3A	Z	-19.277	5
42	MP3A	Mx	.017	5
43	MP3B	X	-61.418	2
44	MP3B	Z	-35.46	2
45	MP3B	Mx	0	2
46	MP3B	X	-61.418	5
47	MP3B	Z	-35.46	5
48	MP3B	Mx	0	5
49	MP3C	X	-33.388	2
50	MP3C	Z	-19.277	2
51	MP3C	Mx	-.017	2
52	MP3C	X	-33.388	5
53	MP3C	Z	-19.277	5
54	MP3C	Mx	-.017	5
55	M89A	X	-87.243	1
56	M89A	Z	-50.37	1
57	M89A	Mx	.044	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-36.72	2
59	MP2A	Z	-21.2	2
60	MP2A	Mx	-.018	2
61	MP2B	X	-48.873	2
62	MP2B	Z	-28.217	2
63	MP2B	Mx	0	2
64	MP2C	X	-36.72	2
65	MP2C	Z	-21.2	2
66	MP2C	Mx	.018	2
67	MP1A	X	-34.515	2
68	MP1A	Z	-19.927	2
69	MP1A	Mx	-.017	2
70	MP1B	X	-48.873	2
71	MP1B	Z	-28.217	2
72	MP1B	Mx	0	2
73	MP1C	X	-34.515	2
74	MP1C	Z	-19.927	2
75	MP1C	Mx	.017	2
76	MP1A	X	-115.401	2.5
77	MP1A	Z	-66.627	2.5
78	MP1A	Mx	.058	2.5
79	MP1A	X	-115.401	4.5
80	MP1A	Z	-66.627	4.5
81	MP1A	Mx	.058	4.5
82	MP1B	X	-125.449	2.5
83	MP1B	Z	-72.428	2.5
84	MP1B	Mx	0	2.5
85	MP1B	X	-125.449	4.5
86	MP1B	Z	-72.428	4.5
87	MP1B	Mx	0	4.5
88	MP1C	X	-115.401	2.5
89	MP1C	Z	-66.627	2.5
90	MP1C	Mx	-.058	2.5
91	MP1C	X	-115.401	4.5
92	MP1C	Z	-66.627	4.5
93	MP1C	Mx	-.058	4.5
94	MP4A	X	-115.401	2.5
95	MP4A	Z	-66.627	2.5
96	MP4A	Mx	.058	2.5
97	MP4A	X	-115.401	4.5
98	MP4A	Z	-66.627	4.5
99	MP4A	Mx	.058	4.5
100	MP4B	X	-125.449	2.5
101	MP4B	Z	-72.428	2.5
102	MP4B	Mx	0	2.5
103	MP4B	X	-125.449	4.5
104	MP4B	Z	-72.428	4.5
105	MP4B	Mx	0	4.5
106	MP4C	X	-115.401	2.5
107	MP4C	Z	-66.627	2.5
108	MP4C	Mx	-.058	2.5
109	MP4C	X	-115.401	4.5
110	MP4C	Z	-66.627	4.5
111	MP4C	Mx	-.058	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-55.796	.5
2	MP2A	Z	-96.641	.5
3	MP2A	Mx	-.037	.5
4	MP2A	X	-55.796	6.5
5	MP2A	Z	-96.641	6.5
6	MP2A	Mx	-.037	6.5
7	MP2B	X	-55.796	.5
8	MP2B	Z	-96.641	.5
9	MP2B	Mx	.092	.5
10	MP2B	X	-55.796	6.5
11	MP2B	Z	-96.641	6.5
12	MP2B	Mx	.092	6.5
13	MP2C	X	-40.301	.5
14	MP2C	Z	-69.803	.5
15	MP2C	Mx	-.04	.5
16	MP2C	X	-40.301	6.5
17	MP2C	Z	-69.803	6.5
18	MP2C	Mx	-.04	6.5
19	MP2A	X	-55.796	.5
20	MP2A	Z	-96.641	.5
21	MP2A	Mx	.092	.5
22	MP2A	X	-55.796	6.5
23	MP2A	Z	-96.641	6.5
24	MP2A	Mx	.092	6.5
25	MP2B	X	-55.796	.5
26	MP2B	Z	-96.641	.5
27	MP2B	Mx	-.037	.5
28	MP2B	X	-55.796	6.5
29	MP2B	Z	-96.641	6.5
30	MP2B	Mx	-.037	6.5
31	MP2C	X	-40.301	.5
32	MP2C	Z	-69.803	.5
33	MP2C	Mx	-.04	.5
34	MP2C	X	-40.301	6.5
35	MP2C	Z	-69.803	6.5
36	MP2C	Mx	-.04	6.5
37	MP3A	X	-30.065	2
38	MP3A	Z	-52.075	2
39	MP3A	Mx	.015	2
40	MP3A	X	-30.065	5
41	MP3A	Z	-52.075	5
42	MP3A	Mx	.015	5
43	MP3B	X	-30.065	2
44	MP3B	Z	-52.075	2
45	MP3B	Mx	.015	2
46	MP3B	X	-30.065	5
47	MP3B	Z	-52.075	5
48	MP3B	Mx	.015	5
49	MP3C	X	-13.882	2
50	MP3C	Z	-24.045	2
51	MP3C	Mx	-.014	2
52	MP3C	X	-13.882	5
53	MP3C	Z	-24.045	5
54	MP3C	Mx	-.014	5
55	M89A	X	-57.631	1
56	M89A	Z	-99.82	1
57	M89A	Mx	.029	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-25.878	2
59	MP2A	Z	-44.822	2
60	MP2A	Mx	-.013	2
61	MP2B	X	-25.878	2
62	MP2B	Z	-44.822	2
63	MP2B	Mx	-.013	2
64	MP2C	X	-18.862	2
65	MP2C	Z	-32.669	2
66	MP2C	Mx	.019	2
67	MP1A	X	-25.454	2
68	MP1A	Z	-44.087	2
69	MP1A	Mx	-.013	2
70	MP1B	X	-25.454	2
71	MP1B	Z	-44.087	2
72	MP1B	Mx	-.013	2
73	MP1C	X	-17.164	2
74	MP1C	Z	-29.729	2
75	MP1C	Mx	.017	2
76	MP1A	X	-70.494	2.5
77	MP1A	Z	-122.1	2.5
78	MP1A	Mx	.035	2.5
79	MP1A	X	-70.494	4.5
80	MP1A	Z	-122.1	4.5
81	MP1A	Mx	.035	4.5
82	MP1B	X	-70.494	2.5
83	MP1B	Z	-122.1	2.5
84	MP1B	Mx	.035	2.5
85	MP1B	X	-70.494	4.5
86	MP1B	Z	-122.1	4.5
87	MP1B	Mx	.035	4.5
88	MP1C	X	-64.693	2.5
89	MP1C	Z	-112.052	2.5
90	MP1C	Mx	-.065	2.5
91	MP1C	X	-64.693	4.5
92	MP1C	Z	-112.052	4.5
93	MP1C	Mx	-.065	4.5
94	MP4A	X	-70.494	2.5
95	MP4A	Z	-122.1	2.5
96	MP4A	Mx	.035	2.5
97	MP4A	X	-70.494	4.5
98	MP4A	Z	-122.1	4.5
99	MP4A	Mx	.035	4.5
100	MP4B	X	-70.494	2.5
101	MP4B	Z	-122.1	2.5
102	MP4B	Mx	.035	2.5
103	MP4B	X	-70.494	4.5
104	MP4B	Z	-122.1	4.5
105	MP4B	Mx	.035	4.5
106	MP4C	X	-64.693	2.5
107	MP4C	Z	-112.052	2.5
108	MP4C	Mx	-.065	2.5
109	MP4C	X	-64.693	4.5
110	MP4C	Z	-112.052	4.5
111	MP4C	Mx	-.065	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-25.276	.5
3	MP2A	Mx	-.017	.5
4	MP2A	X	0	6.5
5	MP2A	Z	-25.276	6.5
6	MP2A	Mx	-.017	6.5
7	MP2B	X	0	.5
8	MP2B	Z	-19.631	.5
9	MP2B	Mx	.015	.5
10	MP2B	X	0	6.5
11	MP2B	Z	-19.631	6.5
12	MP2B	Mx	.015	6.5
13	MP2C	X	0	.5
14	MP2C	Z	-19.631	.5
15	MP2C	Mx	-.002	.5
16	MP2C	X	0	6.5
17	MP2C	Z	-19.631	6.5
18	MP2C	Mx	-.002	6.5
19	MP2A	X	0	.5
20	MP2A	Z	-25.276	.5
21	MP2A	Mx	.017	.5
22	MP2A	X	0	6.5
23	MP2A	Z	-25.276	6.5
24	MP2A	Mx	.017	6.5
25	MP2B	X	0	.5
26	MP2B	Z	-19.631	.5
27	MP2B	Mx	.002	.5
28	MP2B	X	0	6.5
29	MP2B	Z	-19.631	6.5
30	MP2B	Mx	.002	6.5
31	MP2C	X	0	.5
32	MP2C	Z	-19.631	.5
33	MP2C	Mx	-.015	.5
34	MP2C	X	0	6.5
35	MP2C	Z	-19.631	6.5
36	MP2C	Mx	-.015	6.5
37	MP3A	X	0	2
38	MP3A	Z	-15.191	2
39	MP3A	Mx	0	2
40	MP3A	X	0	5
41	MP3A	Z	-15.191	5
42	MP3A	Mx	0	5
43	MP3B	X	0	2
44	MP3B	Z	-8.844	2
45	MP3B	Mx	.004	2
46	MP3B	X	0	5
47	MP3B	Z	-8.844	5
48	MP3B	Mx	.004	5
49	MP3C	X	0	2
50	MP3C	Z	-8.844	2
51	MP3C	Mx	-.004	2
52	MP3C	X	0	5
53	MP3C	Z	-8.844	5
54	MP3C	Mx	-.004	5
55	M89A	X	0	1
56	M89A	Z	-26.38	1
57	M89A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	0	2
59	MP2A	Z	-13.135	2
60	MP2A	Mx	0	2
61	MP2B	X	0	2
62	MP2B	Z	-10.261	2
63	MP2B	Mx	-.004	2
64	MP2C	X	0	2
65	MP2C	Z	-10.261	2
66	MP2C	Mx	.004	2
67	MP1A	X	0	2
68	MP1A	Z	-13.135	2
69	MP1A	Mx	0	2
70	MP1B	X	0	2
71	MP1B	Z	-9.744	2
72	MP1B	Mx	-.004	2
73	MP1C	X	0	2
74	MP1C	Z	-9.744	2
75	MP1C	Mx	.004	2
76	MP1A	X	0	2.5
77	MP1A	Z	-29.554	2.5
78	MP1A	Mx	0	2.5
79	MP1A	X	0	4.5
80	MP1A	Z	-29.554	4.5
81	MP1A	Mx	0	4.5
82	MP1B	X	0	2.5
83	MP1B	Z	-27.391	2.5
84	MP1B	Mx	.012	2.5
85	MP1B	X	0	4.5
86	MP1B	Z	-27.391	4.5
87	MP1B	Mx	.012	4.5
88	MP1C	X	0	2.5
89	MP1C	Z	-27.391	2.5
90	MP1C	Mx	-.012	2.5
91	MP1C	X	0	4.5
92	MP1C	Z	-27.391	4.5
93	MP1C	Mx	-.012	4.5
94	MP4A	X	0	2.5
95	MP4A	Z	-29.554	2.5
96	MP4A	Mx	0	2.5
97	MP4A	X	0	4.5
98	MP4A	Z	-29.554	4.5
99	MP4A	Mx	0	4.5
100	MP4B	X	0	2.5
101	MP4B	Z	-27.391	2.5
102	MP4B	Mx	.012	2.5
103	MP4B	X	0	4.5
104	MP4B	Z	-27.391	4.5
105	MP4B	Mx	.012	4.5
106	MP4C	X	0	2.5
107	MP4C	Z	-27.391	2.5
108	MP4C	Mx	-.012	2.5
109	MP4C	X	0	4.5
110	MP4C	Z	-27.391	4.5
111	MP4C	Mx	-.012	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	11.697	.5
2	MP2A	Z	-20.26	.5
3	MP2A	Mx	-.019	.5
4	MP2A	X	11.697	6.5
5	MP2A	Z	-20.26	6.5
6	MP2A	Mx	-.019	6.5
7	MP2B	X	8.875	.5
8	MP2B	Z	-15.371	.5
9	MP2B	Mx	.009	.5
10	MP2B	X	8.875	6.5
11	MP2B	Z	-15.371	6.5
12	MP2B	Mx	.009	6.5
13	MP2C	X	11.697	.5
14	MP2C	Z	-20.26	.5
15	MP2C	Mx	.008	.5
16	MP2C	X	11.697	6.5
17	MP2C	Z	-20.26	6.5
18	MP2C	Mx	.008	6.5
19	MP2A	X	11.697	.5
20	MP2A	Z	-20.26	.5
21	MP2A	Mx	.008	.5
22	MP2A	X	11.697	6.5
23	MP2A	Z	-20.26	6.5
24	MP2A	Mx	.008	6.5
25	MP2B	X	8.875	.5
26	MP2B	Z	-15.371	.5
27	MP2B	Mx	.009	.5
28	MP2B	X	8.875	6.5
29	MP2B	Z	-15.371	6.5
30	MP2B	Mx	.009	6.5
31	MP2C	X	11.697	.5
32	MP2C	Z	-20.26	.5
33	MP2C	Mx	-.019	.5
34	MP2C	X	11.697	6.5
35	MP2C	Z	-20.26	6.5
36	MP2C	Mx	-.019	6.5
37	MP3A	X	6.538	2
38	MP3A	Z	-11.323	2
39	MP3A	Mx	-.003	2
40	MP3A	X	6.538	5
41	MP3A	Z	-11.323	5
42	MP3A	Mx	-.003	5
43	MP3B	X	3.364	2
44	MP3B	Z	-5.827	2
45	MP3B	Mx	.003	2
46	MP3B	X	3.364	5
47	MP3B	Z	-5.827	5
48	MP3B	Mx	.003	5
49	MP3C	X	6.538	2
50	MP3C	Z	-11.323	2
51	MP3C	Mx	-.003	2
52	MP3C	X	6.538	5
53	MP3C	Z	-11.323	5
54	MP3C	Mx	-.003	5
55	M89A	X	12.497	1
56	M89A	Z	-21.646	1
57	M89A	Mx	-.006	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	6.088	2
59	MP2A	Z	-10.546	2
60	MP2A	Mx	.003	2
61	MP2B	X	4.651	2
62	MP2B	Z	-8.056	2
63	MP2B	Mx	-.005	2
64	MP2C	X	6.088	2
65	MP2C	Z	-10.546	2
66	MP2C	Mx	.003	2
67	MP1A	X	6.002	2
68	MP1A	Z	-10.396	2
69	MP1A	Mx	.003	2
70	MP1B	X	4.307	2
71	MP1B	Z	-7.459	2
72	MP1B	Mx	-.004	2
73	MP1C	X	6.002	2
74	MP1C	Z	-10.396	2
75	MP1C	Mx	.003	2
76	MP1A	X	14.416	2.5
77	MP1A	Z	-24.97	2.5
78	MP1A	Mx	-.007	2.5
79	MP1A	X	14.416	4.5
80	MP1A	Z	-24.97	4.5
81	MP1A	Mx	-.007	4.5
82	MP1B	X	13.335	2.5
83	MP1B	Z	-23.097	2.5
84	MP1B	Mx	.013	2.5
85	MP1B	X	13.335	4.5
86	MP1B	Z	-23.097	4.5
87	MP1B	Mx	.013	4.5
88	MP1C	X	14.416	2.5
89	MP1C	Z	-24.97	2.5
90	MP1C	Mx	-.007	2.5
91	MP1C	X	14.416	4.5
92	MP1C	Z	-24.97	4.5
93	MP1C	Mx	-.007	4.5
94	MP4A	X	14.416	2.5
95	MP4A	Z	-24.97	2.5
96	MP4A	Mx	-.007	2.5
97	MP4A	X	14.416	4.5
98	MP4A	Z	-24.97	4.5
99	MP4A	Mx	-.007	4.5
100	MP4B	X	13.335	2.5
101	MP4B	Z	-23.097	2.5
102	MP4B	Mx	.013	2.5
103	MP4B	X	13.335	4.5
104	MP4B	Z	-23.097	4.5
105	MP4B	Mx	.013	4.5
106	MP4C	X	14.416	2.5
107	MP4C	Z	-24.97	2.5
108	MP4C	Mx	-.007	2.5
109	MP4C	X	14.416	4.5
110	MP4C	Z	-24.97	4.5
111	MP4C	Mx	-.007	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	17.001	.5
2	MP2A	Z	-9.815	.5
3	MP2A	Mx	-.015	.5
4	MP2A	X	17.001	6.5
5	MP2A	Z	-9.815	6.5
6	MP2A	Mx	-.015	6.5
7	MP2B	X	17.001	.5
8	MP2B	Z	-9.815	.5
9	MP2B	Mx	.002	.5
10	MP2B	X	17.001	6.5
11	MP2B	Z	-9.815	6.5
12	MP2B	Mx	.002	6.5
13	MP2C	X	21.89	.5
14	MP2C	Z	-12.638	.5
15	MP2C	Mx	.017	.5
16	MP2C	X	21.89	6.5
17	MP2C	Z	-12.638	6.5
18	MP2C	Mx	.017	6.5
19	MP2A	X	17.001	.5
20	MP2A	Z	-9.815	.5
21	MP2A	Mx	-.002	.5
22	MP2A	X	17.001	6.5
23	MP2A	Z	-9.815	6.5
24	MP2A	Mx	-.002	6.5
25	MP2B	X	17.001	.5
26	MP2B	Z	-9.815	.5
27	MP2B	Mx	.015	.5
28	MP2B	X	17.001	6.5
29	MP2B	Z	-9.815	6.5
30	MP2B	Mx	.015	6.5
31	MP2C	X	21.89	.5
32	MP2C	Z	-12.638	.5
33	MP2C	Mx	-.017	.5
34	MP2C	X	21.89	6.5
35	MP2C	Z	-12.638	6.5
36	MP2C	Mx	-.017	6.5
37	MP3A	X	7.659	2
38	MP3A	Z	-4.422	2
39	MP3A	Mx	-.004	2
40	MP3A	X	7.659	5
41	MP3A	Z	-4.422	5
42	MP3A	Mx	-.004	5
43	MP3B	X	7.659	2
44	MP3B	Z	-4.422	2
45	MP3B	Mx	.004	2
46	MP3B	X	7.659	5
47	MP3B	Z	-4.422	5
48	MP3B	Mx	.004	5
49	MP3C	X	13.156	2
50	MP3C	Z	-7.595	2
51	MP3C	Mx	0	2
52	MP3C	X	13.156	5
53	MP3C	Z	-7.595	5
54	MP3C	Mx	0	5
55	M89A	X	19.246	1
56	M89A	Z	-11.112	1
57	M89A	Mx	-.01	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	8.886	2
59	MP2A	Z	-5.13	2
60	MP2A	Mx	.004	2
61	MP2B	X	8.886	2
62	MP2B	Z	-5.13	2
63	MP2B	Mx	-.004	2
64	MP2C	X	11.375	2
65	MP2C	Z	-6.567	2
66	MP2C	Mx	0	2
67	MP1A	X	8.438	2
68	MP1A	Z	-4.872	2
69	MP1A	Mx	.004	2
70	MP1B	X	8.438	2
71	MP1B	Z	-4.872	2
72	MP1B	Mx	-.004	2
73	MP1C	X	11.375	2
74	MP1C	Z	-6.567	2
75	MP1C	Mx	0	2
76	MP1A	X	23.721	2.5
77	MP1A	Z	-13.695	2.5
78	MP1A	Mx	-.012	2.5
79	MP1A	X	23.721	4.5
80	MP1A	Z	-13.695	4.5
81	MP1A	Mx	-.012	4.5
82	MP1B	X	23.721	2.5
83	MP1B	Z	-13.695	2.5
84	MP1B	Mx	.012	2.5
85	MP1B	X	23.721	4.5
86	MP1B	Z	-13.695	4.5
87	MP1B	Mx	.012	4.5
88	MP1C	X	25.594	2.5
89	MP1C	Z	-14.777	2.5
90	MP1C	Mx	0	2.5
91	MP1C	X	25.594	4.5
92	MP1C	Z	-14.777	4.5
93	MP1C	Mx	0	4.5
94	MP4A	X	23.721	2.5
95	MP4A	Z	-13.695	2.5
96	MP4A	Mx	-.012	2.5
97	MP4A	X	23.721	4.5
98	MP4A	Z	-13.695	4.5
99	MP4A	Mx	-.012	4.5
100	MP4B	X	23.721	2.5
101	MP4B	Z	-13.695	2.5
102	MP4B	Mx	.012	2.5
103	MP4B	X	23.721	4.5
104	MP4B	Z	-13.695	4.5
105	MP4B	Mx	.012	4.5
106	MP4C	X	25.594	2.5
107	MP4C	Z	-14.777	2.5
108	MP4C	Mx	0	2.5
109	MP4C	X	25.594	4.5
110	MP4C	Z	-14.777	4.5
111	MP4C	Mx	0	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	17.749	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.009	.5
4	MP2A	X	17.749	6.5
5	MP2A	Z	0	6.5
6	MP2A	Mx	-.009	6.5
7	MP2B	X	23.395	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.008	.5
10	MP2B	X	23.395	6.5
11	MP2B	Z	0	6.5
12	MP2B	Mx	-.008	6.5
13	MP2C	X	23.395	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.019	.5
16	MP2C	X	23.395	6.5
17	MP2C	Z	0	6.5
18	MP2C	Mx	.019	6.5
19	MP2A	X	17.749	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.009	.5
22	MP2A	X	17.749	6.5
23	MP2A	Z	0	6.5
24	MP2A	Mx	-.009	6.5
25	MP2B	X	23.395	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.019	.5
28	MP2B	X	23.395	6.5
29	MP2B	Z	0	6.5
30	MP2B	Mx	.019	6.5
31	MP2C	X	23.395	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.008	.5
34	MP2C	X	23.395	6.5
35	MP2C	Z	0	6.5
36	MP2C	Mx	-.008	6.5
37	MP3A	X	6.728	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.003	2
40	MP3A	X	6.728	5
41	MP3A	Z	0	5
42	MP3A	Mx	-.003	5
43	MP3B	X	13.075	2
44	MP3B	Z	0	2
45	MP3B	Mx	.003	2
46	MP3B	X	13.075	5
47	MP3B	Z	0	5
48	MP3B	Mx	.003	5
49	MP3C	X	13.075	2
50	MP3C	Z	0	2
51	MP3C	Mx	.003	2
52	MP3C	X	13.075	5
53	MP3C	Z	0	5
54	MP3C	Mx	.003	5
55	M89A	X	20.837	1
56	M89A	Z	0	1
57	M89A	Mx	-.01	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	9.303	2
59	MP2A	Z	0	2
60	MP2A	Mx	.005	2
61	MP2B	X	12.177	2
62	MP2B	Z	0	2
63	MP2B	Mx	-.003	2
64	MP2C	X	12.177	2
65	MP2C	Z	0	2
66	MP2C	Mx	-.003	2
67	MP1A	X	8.613	2
68	MP1A	Z	0	2
69	MP1A	Mx	.004	2
70	MP1B	X	12.005	2
71	MP1B	Z	0	2
72	MP1B	Mx	-.003	2
73	MP1C	X	12.005	2
74	MP1C	Z	0	2
75	MP1C	Mx	-.003	2
76	MP1A	X	26.67	2.5
77	MP1A	Z	0	2.5
78	MP1A	Mx	-.013	2.5
79	MP1A	X	26.67	4.5
80	MP1A	Z	0	4.5
81	MP1A	Mx	-.013	4.5
82	MP1B	X	28.833	2.5
83	MP1B	Z	0	2.5
84	MP1B	Mx	.007	2.5
85	MP1B	X	28.833	4.5
86	MP1B	Z	0	4.5
87	MP1B	Mx	.007	4.5
88	MP1C	X	28.833	2.5
89	MP1C	Z	0	2.5
90	MP1C	Mx	.007	2.5
91	MP1C	X	28.833	4.5
92	MP1C	Z	0	4.5
93	MP1C	Mx	.007	4.5
94	MP4A	X	26.67	2.5
95	MP4A	Z	0	2.5
96	MP4A	Mx	-.013	2.5
97	MP4A	X	26.67	4.5
98	MP4A	Z	0	4.5
99	MP4A	Mx	-.013	4.5
100	MP4B	X	28.833	2.5
101	MP4B	Z	0	2.5
102	MP4B	Mx	.007	2.5
103	MP4B	X	28.833	4.5
104	MP4B	Z	0	4.5
105	MP4B	Mx	.007	4.5
106	MP4C	X	28.833	2.5
107	MP4C	Z	0	2.5
108	MP4C	Mx	.007	2.5
109	MP4C	X	28.833	4.5
110	MP4C	Z	0	4.5
111	MP4C	Mx	.007	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	17.001	.5
2	MP2A	Z	9.815	.5
3	MP2A	Mx	-.002	.5
4	MP2A	X	17.001	6.5
5	MP2A	Z	9.815	6.5
6	MP2A	Mx	-.002	6.5
7	MP2B	X	21.89	.5
8	MP2B	Z	12.638	.5
9	MP2B	Mx	-.017	.5
10	MP2B	X	21.89	6.5
11	MP2B	Z	12.638	6.5
12	MP2B	Mx	-.017	6.5
13	MP2C	X	17.001	.5
14	MP2C	Z	9.815	.5
15	MP2C	Mx	.015	.5
16	MP2C	X	17.001	6.5
17	MP2C	Z	9.815	6.5
18	MP2C	Mx	.015	6.5
19	MP2A	X	17.001	.5
20	MP2A	Z	9.815	.5
21	MP2A	Mx	-.015	.5
22	MP2A	X	17.001	6.5
23	MP2A	Z	9.815	6.5
24	MP2A	Mx	-.015	6.5
25	MP2B	X	21.89	.5
26	MP2B	Z	12.638	.5
27	MP2B	Mx	.017	.5
28	MP2B	X	21.89	6.5
29	MP2B	Z	12.638	6.5
30	MP2B	Mx	.017	6.5
31	MP2C	X	17.001	.5
32	MP2C	Z	9.815	.5
33	MP2C	Mx	.002	.5
34	MP2C	X	17.001	6.5
35	MP2C	Z	9.815	6.5
36	MP2C	Mx	.002	6.5
37	MP3A	X	7.659	2
38	MP3A	Z	4.422	2
39	MP3A	Mx	-.004	2
40	MP3A	X	7.659	5
41	MP3A	Z	4.422	5
42	MP3A	Mx	-.004	5
43	MP3B	X	13.156	2
44	MP3B	Z	7.595	2
45	MP3B	Mx	0	2
46	MP3B	X	13.156	5
47	MP3B	Z	7.595	5
48	MP3B	Mx	0	5
49	MP3C	X	7.659	2
50	MP3C	Z	4.422	2
51	MP3C	Mx	.004	2
52	MP3C	X	7.659	5
53	MP3C	Z	4.422	5
54	MP3C	Mx	.004	5
55	M89A	X	19.246	1
56	M89A	Z	11.112	1
57	M89A	Mx	-.01	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	8.886	2
59	MP2A	Z	5.13	2
60	MP2A	Mx	.004	2
61	MP2B	X	11.375	2
62	MP2B	Z	6.567	2
63	MP2B	Mx	0	2
64	MP2C	X	8.886	2
65	MP2C	Z	5.13	2
66	MP2C	Mx	-.004	2
67	MP1A	X	8.438	2
68	MP1A	Z	4.872	2
69	MP1A	Mx	.004	2
70	MP1B	X	11.375	2
71	MP1B	Z	6.567	2
72	MP1B	Mx	0	2
73	MP1C	X	8.438	2
74	MP1C	Z	4.872	2
75	MP1C	Mx	-.004	2
76	MP1A	X	23.721	2.5
77	MP1A	Z	13.695	2.5
78	MP1A	Mx	-.012	2.5
79	MP1A	X	23.721	4.5
80	MP1A	Z	13.695	4.5
81	MP1A	Mx	-.012	4.5
82	MP1B	X	25.594	2.5
83	MP1B	Z	14.777	2.5
84	MP1B	Mx	0	2.5
85	MP1B	X	25.594	4.5
86	MP1B	Z	14.777	4.5
87	MP1B	Mx	0	4.5
88	MP1C	X	23.721	2.5
89	MP1C	Z	13.695	2.5
90	MP1C	Mx	.012	2.5
91	MP1C	X	23.721	4.5
92	MP1C	Z	13.695	4.5
93	MP1C	Mx	.012	4.5
94	MP4A	X	23.721	2.5
95	MP4A	Z	13.695	2.5
96	MP4A	Mx	-.012	2.5
97	MP4A	X	23.721	4.5
98	MP4A	Z	13.695	4.5
99	MP4A	Mx	-.012	4.5
100	MP4B	X	25.594	2.5
101	MP4B	Z	14.777	2.5
102	MP4B	Mx	0	2.5
103	MP4B	X	25.594	4.5
104	MP4B	Z	14.777	4.5
105	MP4B	Mx	0	4.5
106	MP4C	X	23.721	2.5
107	MP4C	Z	13.695	2.5
108	MP4C	Mx	.012	2.5
109	MP4C	X	23.721	4.5
110	MP4C	Z	13.695	4.5
111	MP4C	Mx	.012	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	11.697	.5
2	MP2A	Z	20.26	.5
3	MP2A	Mx	.008	.5
4	MP2A	X	11.697	6.5
5	MP2A	Z	20.26	6.5
6	MP2A	Mx	.008	6.5
7	MP2B	X	11.697	.5
8	MP2B	Z	20.26	.5
9	MP2B	Mx	-.019	.5
10	MP2B	X	11.697	6.5
11	MP2B	Z	20.26	6.5
12	MP2B	Mx	-.019	6.5
13	MP2C	X	8.875	.5
14	MP2C	Z	15.371	.5
15	MP2C	Mx	.009	.5
16	MP2C	X	8.875	6.5
17	MP2C	Z	15.371	6.5
18	MP2C	Mx	.009	6.5
19	MP2A	X	11.697	.5
20	MP2A	Z	20.26	.5
21	MP2A	Mx	-.019	.5
22	MP2A	X	11.697	6.5
23	MP2A	Z	20.26	6.5
24	MP2A	Mx	-.019	6.5
25	MP2B	X	11.697	.5
26	MP2B	Z	20.26	.5
27	MP2B	Mx	.008	.5
28	MP2B	X	11.697	6.5
29	MP2B	Z	20.26	6.5
30	MP2B	Mx	.008	6.5
31	MP2C	X	8.875	.5
32	MP2C	Z	15.371	.5
33	MP2C	Mx	.009	.5
34	MP2C	X	8.875	6.5
35	MP2C	Z	15.371	6.5
36	MP2C	Mx	.009	6.5
37	MP3A	X	6.538	2
38	MP3A	Z	11.323	2
39	MP3A	Mx	-.003	2
40	MP3A	X	6.538	5
41	MP3A	Z	11.323	5
42	MP3A	Mx	-.003	5
43	MP3B	X	6.538	2
44	MP3B	Z	11.323	2
45	MP3B	Mx	-.003	2
46	MP3B	X	6.538	5
47	MP3B	Z	11.323	5
48	MP3B	Mx	-.003	5
49	MP3C	X	3.364	2
50	MP3C	Z	5.827	2
51	MP3C	Mx	.003	2
52	MP3C	X	3.364	5
53	MP3C	Z	5.827	5
54	MP3C	Mx	.003	5
55	M89A	X	12.497	1
56	M89A	Z	21.646	1
57	M89A	Mx	-.006	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	6.088	2
59	MP2A	Z	10.546	2
60	MP2A	Mx	.003	2
61	MP2B	X	6.088	2
62	MP2B	Z	10.546	2
63	MP2B	Mx	.003	2
64	MP2C	X	4.651	2
65	MP2C	Z	8.056	2
66	MP2C	Mx	-.005	2
67	MP1A	X	6.002	2
68	MP1A	Z	10.396	2
69	MP1A	Mx	.003	2
70	MP1B	X	6.002	2
71	MP1B	Z	10.396	2
72	MP1B	Mx	.003	2
73	MP1C	X	4.307	2
74	MP1C	Z	7.459	2
75	MP1C	Mx	-.004	2
76	MP1A	X	14.416	2.5
77	MP1A	Z	24.97	2.5
78	MP1A	Mx	-.007	2.5
79	MP1A	X	14.416	4.5
80	MP1A	Z	24.97	4.5
81	MP1A	Mx	-.007	4.5
82	MP1B	X	14.416	2.5
83	MP1B	Z	24.97	2.5
84	MP1B	Mx	-.007	2.5
85	MP1B	X	14.416	4.5
86	MP1B	Z	24.97	4.5
87	MP1B	Mx	-.007	4.5
88	MP1C	X	13.335	2.5
89	MP1C	Z	23.097	2.5
90	MP1C	Mx	.013	2.5
91	MP1C	X	13.335	4.5
92	MP1C	Z	23.097	4.5
93	MP1C	Mx	.013	4.5
94	MP4A	X	14.416	2.5
95	MP4A	Z	24.97	2.5
96	MP4A	Mx	-.007	2.5
97	MP4A	X	14.416	4.5
98	MP4A	Z	24.97	4.5
99	MP4A	Mx	-.007	4.5
100	MP4B	X	14.416	2.5
101	MP4B	Z	24.97	2.5
102	MP4B	Mx	-.007	2.5
103	MP4B	X	14.416	4.5
104	MP4B	Z	24.97	4.5
105	MP4B	Mx	-.007	4.5
106	MP4C	X	13.335	2.5
107	MP4C	Z	23.097	2.5
108	MP4C	Mx	.013	2.5
109	MP4C	X	13.335	4.5
110	MP4C	Z	23.097	4.5
111	MP4C	Mx	.013	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	25.276	.5
3	MP2A	Mx	.017	.5
4	MP2A	X	0	6.5
5	MP2A	Z	25.276	6.5
6	MP2A	Mx	.017	6.5
7	MP2B	X	0	.5
8	MP2B	Z	19.631	.5
9	MP2B	Mx	-.015	.5
10	MP2B	X	0	6.5
11	MP2B	Z	19.631	6.5
12	MP2B	Mx	-.015	6.5
13	MP2C	X	0	.5
14	MP2C	Z	19.631	.5
15	MP2C	Mx	.002	.5
16	MP2C	X	0	6.5
17	MP2C	Z	19.631	6.5
18	MP2C	Mx	.002	6.5
19	MP2A	X	0	.5
20	MP2A	Z	25.276	.5
21	MP2A	Mx	-.017	.5
22	MP2A	X	0	6.5
23	MP2A	Z	25.276	6.5
24	MP2A	Mx	-.017	6.5
25	MP2B	X	0	.5
26	MP2B	Z	19.631	.5
27	MP2B	Mx	-.002	.5
28	MP2B	X	0	6.5
29	MP2B	Z	19.631	6.5
30	MP2B	Mx	-.002	6.5
31	MP2C	X	0	.5
32	MP2C	Z	19.631	.5
33	MP2C	Mx	.015	.5
34	MP2C	X	0	6.5
35	MP2C	Z	19.631	6.5
36	MP2C	Mx	.015	6.5
37	MP3A	X	0	2
38	MP3A	Z	15.191	2
39	MP3A	Mx	0	2
40	MP3A	X	0	5
41	MP3A	Z	15.191	5
42	MP3A	Mx	0	5
43	MP3B	X	0	2
44	MP3B	Z	8.844	2
45	MP3B	Mx	-.004	2
46	MP3B	X	0	5
47	MP3B	Z	8.844	5
48	MP3B	Mx	-.004	5
49	MP3C	X	0	2
50	MP3C	Z	8.844	2
51	MP3C	Mx	.004	2
52	MP3C	X	0	5
53	MP3C	Z	8.844	5
54	MP3C	Mx	.004	5
55	M89A	X	0	1
56	M89A	Z	26.38	1
57	M89A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	0	2
59	MP2A	Z	13.135	2
60	MP2A	Mx	0	2
61	MP2B	X	0	2
62	MP2B	Z	10.261	2
63	MP2B	Mx	.004	2
64	MP2C	X	0	2
65	MP2C	Z	10.261	2
66	MP2C	Mx	-.004	2
67	MP1A	X	0	2
68	MP1A	Z	13.135	2
69	MP1A	Mx	0	2
70	MP1B	X	0	2
71	MP1B	Z	9.744	2
72	MP1B	Mx	.004	2
73	MP1C	X	0	2
74	MP1C	Z	9.744	2
75	MP1C	Mx	-.004	2
76	MP1A	X	0	2.5
77	MP1A	Z	29.554	2.5
78	MP1A	Mx	0	2.5
79	MP1A	X	0	4.5
80	MP1A	Z	29.554	4.5
81	MP1A	Mx	0	4.5
82	MP1B	X	0	2.5
83	MP1B	Z	27.391	2.5
84	MP1B	Mx	-.012	2.5
85	MP1B	X	0	4.5
86	MP1B	Z	27.391	4.5
87	MP1B	Mx	-.012	4.5
88	MP1C	X	0	2.5
89	MP1C	Z	27.391	2.5
90	MP1C	Mx	.012	2.5
91	MP1C	X	0	4.5
92	MP1C	Z	27.391	4.5
93	MP1C	Mx	.012	4.5
94	MP4A	X	0	2.5
95	MP4A	Z	29.554	2.5
96	MP4A	Mx	0	2.5
97	MP4A	X	0	4.5
98	MP4A	Z	29.554	4.5
99	MP4A	Mx	0	4.5
100	MP4B	X	0	2.5
101	MP4B	Z	27.391	2.5
102	MP4B	Mx	-.012	2.5
103	MP4B	X	0	4.5
104	MP4B	Z	27.391	4.5
105	MP4B	Mx	-.012	4.5
106	MP4C	X	0	2.5
107	MP4C	Z	27.391	2.5
108	MP4C	Mx	.012	2.5
109	MP4C	X	0	4.5
110	MP4C	Z	27.391	4.5
111	MP4C	Mx	.012	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-11.697	.5
2	MP2A	Z	20.26	.5
3	MP2A	Mx	.019	.5
4	MP2A	X	-11.697	6.5
5	MP2A	Z	20.26	6.5
6	MP2A	Mx	.019	6.5
7	MP2B	X	-8.875	.5
8	MP2B	Z	15.371	.5
9	MP2B	Mx	-.009	.5
10	MP2B	X	-8.875	6.5
11	MP2B	Z	15.371	6.5
12	MP2B	Mx	-.009	6.5
13	MP2C	X	-11.697	.5
14	MP2C	Z	20.26	.5
15	MP2C	Mx	-.008	.5
16	MP2C	X	-11.697	6.5
17	MP2C	Z	20.26	6.5
18	MP2C	Mx	-.008	6.5
19	MP2A	X	-11.697	.5
20	MP2A	Z	20.26	.5
21	MP2A	Mx	-.008	.5
22	MP2A	X	-11.697	6.5
23	MP2A	Z	20.26	6.5
24	MP2A	Mx	-.008	6.5
25	MP2B	X	-8.875	.5
26	MP2B	Z	15.371	.5
27	MP2B	Mx	-.009	.5
28	MP2B	X	-8.875	6.5
29	MP2B	Z	15.371	6.5
30	MP2B	Mx	-.009	6.5
31	MP2C	X	-11.697	.5
32	MP2C	Z	20.26	.5
33	MP2C	Mx	.019	.5
34	MP2C	X	-11.697	6.5
35	MP2C	Z	20.26	6.5
36	MP2C	Mx	.019	6.5
37	MP3A	X	-6.538	2
38	MP3A	Z	11.323	2
39	MP3A	Mx	.003	2
40	MP3A	X	-6.538	5
41	MP3A	Z	11.323	5
42	MP3A	Mx	.003	5
43	MP3B	X	-3.364	2
44	MP3B	Z	5.827	2
45	MP3B	Mx	-.003	2
46	MP3B	X	-3.364	5
47	MP3B	Z	5.827	5
48	MP3B	Mx	-.003	5
49	MP3C	X	-6.538	2
50	MP3C	Z	11.323	2
51	MP3C	Mx	.003	2
52	MP3C	X	-6.538	5
53	MP3C	Z	11.323	5
54	MP3C	Mx	.003	5
55	M89A	X	-12.497	1
56	M89A	Z	21.646	1
57	M89A	Mx	.006	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-6.088	2
59	MP2A	Z	10.546	2
60	MP2A	Mx	-.003	2
61	MP2B	X	-4.651	2
62	MP2B	Z	8.056	2
63	MP2B	Mx	.005	2
64	MP2C	X	-6.088	2
65	MP2C	Z	10.546	2
66	MP2C	Mx	-.003	2
67	MP1A	X	-6.002	2
68	MP1A	Z	10.396	2
69	MP1A	Mx	-.003	2
70	MP1B	X	-4.307	2
71	MP1B	Z	7.459	2
72	MP1B	Mx	.004	2
73	MP1C	X	-6.002	2
74	MP1C	Z	10.396	2
75	MP1C	Mx	-.003	2
76	MP1A	X	-14.416	2.5
77	MP1A	Z	24.97	2.5
78	MP1A	Mx	.007	2.5
79	MP1A	X	-14.416	4.5
80	MP1A	Z	24.97	4.5
81	MP1A	Mx	.007	4.5
82	MP1B	X	-13.335	2.5
83	MP1B	Z	23.097	2.5
84	MP1B	Mx	-.013	2.5
85	MP1B	X	-13.335	4.5
86	MP1B	Z	23.097	4.5
87	MP1B	Mx	-.013	4.5
88	MP1C	X	-14.416	2.5
89	MP1C	Z	24.97	2.5
90	MP1C	Mx	.007	2.5
91	MP1C	X	-14.416	4.5
92	MP1C	Z	24.97	4.5
93	MP1C	Mx	.007	4.5
94	MP4A	X	-14.416	2.5
95	MP4A	Z	24.97	2.5
96	MP4A	Mx	.007	2.5
97	MP4A	X	-14.416	4.5
98	MP4A	Z	24.97	4.5
99	MP4A	Mx	.007	4.5
100	MP4B	X	-13.335	2.5
101	MP4B	Z	23.097	2.5
102	MP4B	Mx	-.013	2.5
103	MP4B	X	-13.335	4.5
104	MP4B	Z	23.097	4.5
105	MP4B	Mx	-.013	4.5
106	MP4C	X	-14.416	2.5
107	MP4C	Z	24.97	2.5
108	MP4C	Mx	.007	2.5
109	MP4C	X	-14.416	4.5
110	MP4C	Z	24.97	4.5
111	MP4C	Mx	.007	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-17.001	.5
2	MP2A	Z	9.815	.5
3	MP2A	Mx	.015	.5
4	MP2A	X	-17.001	6.5
5	MP2A	Z	9.815	6.5
6	MP2A	Mx	.015	6.5
7	MP2B	X	-17.001	.5
8	MP2B	Z	9.815	.5
9	MP2B	Mx	-.002	.5
10	MP2B	X	-17.001	6.5
11	MP2B	Z	9.815	6.5
12	MP2B	Mx	-.002	6.5
13	MP2C	X	-21.89	.5
14	MP2C	Z	12.638	.5
15	MP2C	Mx	-.017	.5
16	MP2C	X	-21.89	6.5
17	MP2C	Z	12.638	6.5
18	MP2C	Mx	-.017	6.5
19	MP2A	X	-17.001	.5
20	MP2A	Z	9.815	.5
21	MP2A	Mx	.002	.5
22	MP2A	X	-17.001	6.5
23	MP2A	Z	9.815	6.5
24	MP2A	Mx	.002	6.5
25	MP2B	X	-17.001	.5
26	MP2B	Z	9.815	.5
27	MP2B	Mx	-.015	.5
28	MP2B	X	-17.001	6.5
29	MP2B	Z	9.815	6.5
30	MP2B	Mx	-.015	6.5
31	MP2C	X	-21.89	.5
32	MP2C	Z	12.638	.5
33	MP2C	Mx	.017	.5
34	MP2C	X	-21.89	6.5
35	MP2C	Z	12.638	6.5
36	MP2C	Mx	.017	6.5
37	MP3A	X	-7.659	2
38	MP3A	Z	4.422	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.659	5
41	MP3A	Z	4.422	5
42	MP3A	Mx	.004	5
43	MP3B	X	-7.659	2
44	MP3B	Z	4.422	2
45	MP3B	Mx	-.004	2
46	MP3B	X	-7.659	5
47	MP3B	Z	4.422	5
48	MP3B	Mx	-.004	5
49	MP3C	X	-13.156	2
50	MP3C	Z	7.595	2
51	MP3C	Mx	0	2
52	MP3C	X	-13.156	5
53	MP3C	Z	7.595	5
54	MP3C	Mx	0	5
55	M89A	X	-19.246	1
56	M89A	Z	11.112	1
57	M89A	Mx	.01	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-8.886	2
59	MP2A	Z	5.13	2
60	MP2A	Mx	-.004	2
61	MP2B	X	-8.886	2
62	MP2B	Z	5.13	2
63	MP2B	Mx	.004	2
64	MP2C	X	-11.375	2
65	MP2C	Z	6.567	2
66	MP2C	Mx	0	2
67	MP1A	X	-8.438	2
68	MP1A	Z	4.872	2
69	MP1A	Mx	-.004	2
70	MP1B	X	-8.438	2
71	MP1B	Z	4.872	2
72	MP1B	Mx	.004	2
73	MP1C	X	-11.375	2
74	MP1C	Z	6.567	2
75	MP1C	Mx	0	2
76	MP1A	X	-23.721	2.5
77	MP1A	Z	13.695	2.5
78	MP1A	Mx	.012	2.5
79	MP1A	X	-23.721	4.5
80	MP1A	Z	13.695	4.5
81	MP1A	Mx	.012	4.5
82	MP1B	X	-23.721	2.5
83	MP1B	Z	13.695	2.5
84	MP1B	Mx	-.012	2.5
85	MP1B	X	-23.721	4.5
86	MP1B	Z	13.695	4.5
87	MP1B	Mx	-.012	4.5
88	MP1C	X	-25.594	2.5
89	MP1C	Z	14.777	2.5
90	MP1C	Mx	0	2.5
91	MP1C	X	-25.594	4.5
92	MP1C	Z	14.777	4.5
93	MP1C	Mx	0	4.5
94	MP4A	X	-23.721	2.5
95	MP4A	Z	13.695	2.5
96	MP4A	Mx	.012	2.5
97	MP4A	X	-23.721	4.5
98	MP4A	Z	13.695	4.5
99	MP4A	Mx	.012	4.5
100	MP4B	X	-23.721	2.5
101	MP4B	Z	13.695	2.5
102	MP4B	Mx	-.012	2.5
103	MP4B	X	-23.721	4.5
104	MP4B	Z	13.695	4.5
105	MP4B	Mx	-.012	4.5
106	MP4C	X	-25.594	2.5
107	MP4C	Z	14.777	2.5
108	MP4C	Mx	0	2.5
109	MP4C	X	-25.594	4.5
110	MP4C	Z	14.777	4.5
111	MP4C	Mx	0	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-17.749	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.009	.5
4	MP2A	X	-17.749	6.5
5	MP2A	Z	0	6.5
6	MP2A	Mx	.009	6.5
7	MP2B	X	-23.395	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.008	.5
10	MP2B	X	-23.395	6.5
11	MP2B	Z	0	6.5
12	MP2B	Mx	.008	6.5
13	MP2C	X	-23.395	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.019	.5
16	MP2C	X	-23.395	6.5
17	MP2C	Z	0	6.5
18	MP2C	Mx	-.019	6.5
19	MP2A	X	-17.749	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.009	.5
22	MP2A	X	-17.749	6.5
23	MP2A	Z	0	6.5
24	MP2A	Mx	.009	6.5
25	MP2B	X	-23.395	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.019	.5
28	MP2B	X	-23.395	6.5
29	MP2B	Z	0	6.5
30	MP2B	Mx	-.019	6.5
31	MP2C	X	-23.395	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.008	.5
34	MP2C	X	-23.395	6.5
35	MP2C	Z	0	6.5
36	MP2C	Mx	.008	6.5
37	MP3A	X	-6.728	2
38	MP3A	Z	0	2
39	MP3A	Mx	.003	2
40	MP3A	X	-6.728	5
41	MP3A	Z	0	5
42	MP3A	Mx	.003	5
43	MP3B	X	-13.075	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.003	2
46	MP3B	X	-13.075	5
47	MP3B	Z	0	5
48	MP3B	Mx	-.003	5
49	MP3C	X	-13.075	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.003	2
52	MP3C	X	-13.075	5
53	MP3C	Z	0	5
54	MP3C	Mx	-.003	5
55	M89A	X	-20.837	1
56	M89A	Z	0	1
57	M89A	Mx	.01	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-9.303	2
59	MP2A	Z	0	2
60	MP2A	Mx	-.005	2
61	MP2B	X	-12.177	2
62	MP2B	Z	0	2
63	MP2B	Mx	.003	2
64	MP2C	X	-12.177	2
65	MP2C	Z	0	2
66	MP2C	Mx	.003	2
67	MP1A	X	-8.613	2
68	MP1A	Z	0	2
69	MP1A	Mx	-.004	2
70	MP1B	X	-12.005	2
71	MP1B	Z	0	2
72	MP1B	Mx	.003	2
73	MP1C	X	-12.005	2
74	MP1C	Z	0	2
75	MP1C	Mx	.003	2
76	MP1A	X	-26.67	2.5
77	MP1A	Z	0	2.5
78	MP1A	Mx	.013	2.5
79	MP1A	X	-26.67	4.5
80	MP1A	Z	0	4.5
81	MP1A	Mx	.013	4.5
82	MP1B	X	-28.833	2.5
83	MP1B	Z	0	2.5
84	MP1B	Mx	-.007	2.5
85	MP1B	X	-28.833	4.5
86	MP1B	Z	0	4.5
87	MP1B	Mx	-.007	4.5
88	MP1C	X	-28.833	2.5
89	MP1C	Z	0	2.5
90	MP1C	Mx	-.007	2.5
91	MP1C	X	-28.833	4.5
92	MP1C	Z	0	4.5
93	MP1C	Mx	-.007	4.5
94	MP4A	X	-26.67	2.5
95	MP4A	Z	0	2.5
96	MP4A	Mx	.013	2.5
97	MP4A	X	-26.67	4.5
98	MP4A	Z	0	4.5
99	MP4A	Mx	.013	4.5
100	MP4B	X	-28.833	2.5
101	MP4B	Z	0	2.5
102	MP4B	Mx	-.007	2.5
103	MP4B	X	-28.833	4.5
104	MP4B	Z	0	4.5
105	MP4B	Mx	-.007	4.5
106	MP4C	X	-28.833	2.5
107	MP4C	Z	0	2.5
108	MP4C	Mx	-.007	2.5
109	MP4C	X	-28.833	4.5
110	MP4C	Z	0	4.5
111	MP4C	Mx	-.007	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-17.001	.5
2	MP2A	Z	-9.815	.5
3	MP2A	Mx	.002	.5
4	MP2A	X	-17.001	6.5
5	MP2A	Z	-9.815	6.5
6	MP2A	Mx	.002	6.5
7	MP2B	X	-21.89	.5
8	MP2B	Z	-12.638	.5
9	MP2B	Mx	.017	.5
10	MP2B	X	-21.89	6.5
11	MP2B	Z	-12.638	6.5
12	MP2B	Mx	.017	6.5
13	MP2C	X	-17.001	.5
14	MP2C	Z	-9.815	.5
15	MP2C	Mx	-.015	.5
16	MP2C	X	-17.001	6.5
17	MP2C	Z	-9.815	6.5
18	MP2C	Mx	-.015	6.5
19	MP2A	X	-17.001	.5
20	MP2A	Z	-9.815	.5
21	MP2A	Mx	.015	.5
22	MP2A	X	-17.001	6.5
23	MP2A	Z	-9.815	6.5
24	MP2A	Mx	.015	6.5
25	MP2B	X	-21.89	.5
26	MP2B	Z	-12.638	.5
27	MP2B	Mx	-.017	.5
28	MP2B	X	-21.89	6.5
29	MP2B	Z	-12.638	6.5
30	MP2B	Mx	-.017	6.5
31	MP2C	X	-17.001	.5
32	MP2C	Z	-9.815	.5
33	MP2C	Mx	-.002	.5
34	MP2C	X	-17.001	6.5
35	MP2C	Z	-9.815	6.5
36	MP2C	Mx	-.002	6.5
37	MP3A	X	-7.659	2
38	MP3A	Z	-4.422	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.659	5
41	MP3A	Z	-4.422	5
42	MP3A	Mx	.004	5
43	MP3B	X	-13.156	2
44	MP3B	Z	-7.595	2
45	MP3B	Mx	0	2
46	MP3B	X	-13.156	5
47	MP3B	Z	-7.595	5
48	MP3B	Mx	0	5
49	MP3C	X	-7.659	2
50	MP3C	Z	-4.422	2
51	MP3C	Mx	-.004	2
52	MP3C	X	-7.659	5
53	MP3C	Z	-4.422	5
54	MP3C	Mx	-.004	5
55	M89A	X	-19.246	1
56	M89A	Z	-11.112	1
57	M89A	Mx	.01	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-8.886	2
59	MP2A	Z	-5.13	2
60	MP2A	Mx	-.004	2
61	MP2B	X	-11.375	2
62	MP2B	Z	-6.567	2
63	MP2B	Mx	0	2
64	MP2C	X	-8.886	2
65	MP2C	Z	-5.13	2
66	MP2C	Mx	.004	2
67	MP1A	X	-8.438	2
68	MP1A	Z	-4.872	2
69	MP1A	Mx	-.004	2
70	MP1B	X	-11.375	2
71	MP1B	Z	-6.567	2
72	MP1B	Mx	0	2
73	MP1C	X	-8.438	2
74	MP1C	Z	-4.872	2
75	MP1C	Mx	.004	2
76	MP1A	X	-23.721	2.5
77	MP1A	Z	-13.695	2.5
78	MP1A	Mx	.012	2.5
79	MP1A	X	-23.721	4.5
80	MP1A	Z	-13.695	4.5
81	MP1A	Mx	.012	4.5
82	MP1B	X	-25.594	2.5
83	MP1B	Z	-14.777	2.5
84	MP1B	Mx	0	2.5
85	MP1B	X	-25.594	4.5
86	MP1B	Z	-14.777	4.5
87	MP1B	Mx	0	4.5
88	MP1C	X	-23.721	2.5
89	MP1C	Z	-13.695	2.5
90	MP1C	Mx	-.012	2.5
91	MP1C	X	-23.721	4.5
92	MP1C	Z	-13.695	4.5
93	MP1C	Mx	-.012	4.5
94	MP4A	X	-23.721	2.5
95	MP4A	Z	-13.695	2.5
96	MP4A	Mx	.012	2.5
97	MP4A	X	-23.721	4.5
98	MP4A	Z	-13.695	4.5
99	MP4A	Mx	.012	4.5
100	MP4B	X	-25.594	2.5
101	MP4B	Z	-14.777	2.5
102	MP4B	Mx	0	2.5
103	MP4B	X	-25.594	4.5
104	MP4B	Z	-14.777	4.5
105	MP4B	Mx	0	4.5
106	MP4C	X	-23.721	2.5
107	MP4C	Z	-13.695	2.5
108	MP4C	Mx	-.012	2.5
109	MP4C	X	-23.721	4.5
110	MP4C	Z	-13.695	4.5
111	MP4C	Mx	-.012	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-11.697	.5
2	MP2A	Z	-20.26	.5
3	MP2A	Mx	-.008	.5
4	MP2A	X	-11.697	6.5
5	MP2A	Z	-20.26	6.5
6	MP2A	Mx	-.008	6.5
7	MP2B	X	-11.697	.5
8	MP2B	Z	-20.26	.5
9	MP2B	Mx	.019	.5
10	MP2B	X	-11.697	6.5
11	MP2B	Z	-20.26	6.5
12	MP2B	Mx	.019	6.5
13	MP2C	X	-8.875	.5
14	MP2C	Z	-15.371	.5
15	MP2C	Mx	-.009	.5
16	MP2C	X	-8.875	6.5
17	MP2C	Z	-15.371	6.5
18	MP2C	Mx	-.009	6.5
19	MP2A	X	-11.697	.5
20	MP2A	Z	-20.26	.5
21	MP2A	Mx	.019	.5
22	MP2A	X	-11.697	6.5
23	MP2A	Z	-20.26	6.5
24	MP2A	Mx	.019	6.5
25	MP2B	X	-11.697	.5
26	MP2B	Z	-20.26	.5
27	MP2B	Mx	-.008	.5
28	MP2B	X	-11.697	6.5
29	MP2B	Z	-20.26	6.5
30	MP2B	Mx	-.008	6.5
31	MP2C	X	-8.875	.5
32	MP2C	Z	-15.371	.5
33	MP2C	Mx	-.009	.5
34	MP2C	X	-8.875	6.5
35	MP2C	Z	-15.371	6.5
36	MP2C	Mx	-.009	6.5
37	MP3A	X	-6.538	2
38	MP3A	Z	-11.323	2
39	MP3A	Mx	.003	2
40	MP3A	X	-6.538	5
41	MP3A	Z	-11.323	5
42	MP3A	Mx	.003	5
43	MP3B	X	-6.538	2
44	MP3B	Z	-11.323	2
45	MP3B	Mx	.003	2
46	MP3B	X	-6.538	5
47	MP3B	Z	-11.323	5
48	MP3B	Mx	.003	5
49	MP3C	X	-3.364	2
50	MP3C	Z	-5.827	2
51	MP3C	Mx	-.003	2
52	MP3C	X	-3.364	5
53	MP3C	Z	-5.827	5
54	MP3C	Mx	-.003	5
55	M89A	X	-12.497	1
56	M89A	Z	-21.646	1
57	M89A	Mx	.006	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-6.088	2
59	MP2A	Z	-10.546	2
60	MP2A	Mx	-.003	2
61	MP2B	X	-6.088	2
62	MP2B	Z	-10.546	2
63	MP2B	Mx	-.003	2
64	MP2C	X	-4.651	2
65	MP2C	Z	-8.056	2
66	MP2C	Mx	.005	2
67	MP1A	X	-6.002	2
68	MP1A	Z	-10.396	2
69	MP1A	Mx	-.003	2
70	MP1B	X	-6.002	2
71	MP1B	Z	-10.396	2
72	MP1B	Mx	-.003	2
73	MP1C	X	-4.307	2
74	MP1C	Z	-7.459	2
75	MP1C	Mx	.004	2
76	MP1A	X	-14.416	2.5
77	MP1A	Z	-24.97	2.5
78	MP1A	Mx	.007	2.5
79	MP1A	X	-14.416	4.5
80	MP1A	Z	-24.97	4.5
81	MP1A	Mx	.007	4.5
82	MP1B	X	-14.416	2.5
83	MP1B	Z	-24.97	2.5
84	MP1B	Mx	.007	2.5
85	MP1B	X	-14.416	4.5
86	MP1B	Z	-24.97	4.5
87	MP1B	Mx	.007	4.5
88	MP1C	X	-13.335	2.5
89	MP1C	Z	-23.097	2.5
90	MP1C	Mx	-.013	2.5
91	MP1C	X	-13.335	4.5
92	MP1C	Z	-23.097	4.5
93	MP1C	Mx	-.013	4.5
94	MP4A	X	-14.416	2.5
95	MP4A	Z	-24.97	2.5
96	MP4A	Mx	.007	2.5
97	MP4A	X	-14.416	4.5
98	MP4A	Z	-24.97	4.5
99	MP4A	Mx	.007	4.5
100	MP4B	X	-14.416	2.5
101	MP4B	Z	-24.97	2.5
102	MP4B	Mx	.007	2.5
103	MP4B	X	-14.416	4.5
104	MP4B	Z	-24.97	4.5
105	MP4B	Mx	.007	4.5
106	MP4C	X	-13.335	2.5
107	MP4C	Z	-23.097	2.5
108	MP4C	Mx	-.013	2.5
109	MP4C	X	-13.335	4.5
110	MP4C	Z	-23.097	4.5
111	MP4C	Mx	-.013	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-7.881	.5
3	MP2A	Mx	-.005	.5
4	MP2A	X	0	6.5
5	MP2A	Z	-7.881	6.5
6	MP2A	Mx	-.005	6.5
7	MP2B	X	0	.5
8	MP2B	Z	-5.877	.5
9	MP2B	Mx	.005	.5
10	MP2B	X	0	6.5
11	MP2B	Z	-5.877	6.5
12	MP2B	Mx	.005	6.5
13	MP2C	X	0	.5
14	MP2C	Z	-5.877	.5
15	MP2C	Mx	-.000586	.5
16	MP2C	X	0	6.5
17	MP2C	Z	-5.877	6.5
18	MP2C	Mx	-.000586	6.5
19	MP2A	X	0	.5
20	MP2A	Z	-7.881	.5
21	MP2A	Mx	.005	.5
22	MP2A	X	0	6.5
23	MP2A	Z	-7.881	6.5
24	MP2A	Mx	.005	6.5
25	MP2B	X	0	.5
26	MP2B	Z	-5.877	.5
27	MP2B	Mx	.000586	.5
28	MP2B	X	0	6.5
29	MP2B	Z	-5.877	6.5
30	MP2B	Mx	.000586	6.5
31	MP2C	X	0	.5
32	MP2C	Z	-5.877	.5
33	MP2C	Mx	-.005	.5
34	MP2C	X	0	6.5
35	MP2C	Z	-5.877	6.5
36	MP2C	Mx	-.005	6.5
37	MP3A	X	0	2
38	MP3A	Z	-4.584	2
39	MP3A	Mx	0	2
40	MP3A	X	0	5
41	MP3A	Z	-4.584	5
42	MP3A	Mx	0	5
43	MP3B	X	0	2
44	MP3B	Z	-2.492	2
45	MP3B	Mx	.001	2
46	MP3B	X	0	5
47	MP3B	Z	-2.492	5
48	MP3B	Mx	.001	5
49	MP3C	X	0	2
50	MP3C	Z	-2.492	2
51	MP3C	Mx	-.001	2
52	MP3C	X	0	5
53	MP3C	Z	-2.492	5
54	MP3C	Mx	-.001	5
55	M89A	X	0	1
56	M89A	Z	-7.92	1
57	M89A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	0	2
59	MP2A	Z	-3.648	2
60	MP2A	Mx	0	2
61	MP2B	X	0	2
62	MP2B	Z	-2.741	2
63	MP2B	Mx	-.001	2
64	MP2C	X	0	2
65	MP2C	Z	-2.741	2
66	MP2C	Mx	.001	2
67	MP1A	X	0	2
68	MP1A	Z	-3.648	2
69	MP1A	Mx	0	2
70	MP1B	X	0	2
71	MP1B	Z	-2.576	2
72	MP1B	Mx	-.001	2
73	MP1C	X	0	2
74	MP1C	Z	-2.576	2
75	MP1C	Mx	.001	2
76	MP1A	X	0	2.5
77	MP1A	Z	-9.363	2.5
78	MP1A	Mx	0	2.5
79	MP1A	X	0	4.5
80	MP1A	Z	-9.363	4.5
81	MP1A	Mx	0	4.5
82	MP1B	X	0	2.5
83	MP1B	Z	-8.613	2.5
84	MP1B	Mx	.004	2.5
85	MP1B	X	0	4.5
86	MP1B	Z	-8.613	4.5
87	MP1B	Mx	.004	4.5
88	MP1C	X	0	2.5
89	MP1C	Z	-8.613	2.5
90	MP1C	Mx	-.004	2.5
91	MP1C	X	0	4.5
92	MP1C	Z	-8.613	4.5
93	MP1C	Mx	-.004	4.5
94	MP4A	X	0	2.5
95	MP4A	Z	-9.363	2.5
96	MP4A	Mx	0	2.5
97	MP4A	X	0	4.5
98	MP4A	Z	-9.363	4.5
99	MP4A	Mx	0	4.5
100	MP4B	X	0	2.5
101	MP4B	Z	-8.613	2.5
102	MP4B	Mx	.004	2.5
103	MP4B	X	0	4.5
104	MP4B	Z	-8.613	4.5
105	MP4B	Mx	.004	4.5
106	MP4C	X	0	2.5
107	MP4C	Z	-8.613	2.5
108	MP4C	Mx	-.004	2.5
109	MP4C	X	0	4.5
110	MP4C	Z	-8.613	4.5
111	MP4C	Mx	-.004	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.606	.5
2	MP2A	Z	-6.247	.5
3	MP2A	Mx	-.006	.5
4	MP2A	X	3.606	6.5
5	MP2A	Z	-6.247	6.5
6	MP2A	Mx	-.006	6.5
7	MP2B	X	2.605	.5
8	MP2B	Z	-4.512	.5
9	MP2B	Mx	.003	.5
10	MP2B	X	2.605	6.5
11	MP2B	Z	-4.512	6.5
12	MP2B	Mx	.003	6.5
13	MP2C	X	3.606	.5
14	MP2C	Z	-6.247	.5
15	MP2C	Mx	.002	.5
16	MP2C	X	3.606	6.5
17	MP2C	Z	-6.247	6.5
18	MP2C	Mx	.002	6.5
19	MP2A	X	3.606	.5
20	MP2A	Z	-6.247	.5
21	MP2A	Mx	.002	.5
22	MP2A	X	3.606	6.5
23	MP2A	Z	-6.247	6.5
24	MP2A	Mx	.002	6.5
25	MP2B	X	2.605	.5
26	MP2B	Z	-4.512	.5
27	MP2B	Mx	.003	.5
28	MP2B	X	2.605	6.5
29	MP2B	Z	-4.512	6.5
30	MP2B	Mx	.003	6.5
31	MP2C	X	3.606	.5
32	MP2C	Z	-6.247	.5
33	MP2C	Mx	-.006	.5
34	MP2C	X	3.606	6.5
35	MP2C	Z	-6.247	6.5
36	MP2C	Mx	-.006	6.5
37	MP3A	X	1.943	2
38	MP3A	Z	-3.366	2
39	MP3A	Mx	-.000972	2
40	MP3A	X	1.943	5
41	MP3A	Z	-3.366	5
42	MP3A	Mx	-.000972	5
43	MP3B	X	.897	2
44	MP3B	Z	-1.554	2
45	MP3B	Mx	.000897	2
46	MP3B	X	.897	5
47	MP3B	Z	-1.554	5
48	MP3B	Mx	.000897	5
49	MP3C	X	1.943	2
50	MP3C	Z	-3.366	2
51	MP3C	Mx	-.000972	2
52	MP3C	X	1.943	5
53	MP3C	Z	-3.366	5
54	MP3C	Mx	-.000972	5
55	M89A	X	3.725	1
56	M89A	Z	-6.452	1
57	M89A	Mx	-.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	1.673	2
59	MP2A	Z	-2.897	2
60	MP2A	Mx	.000836	2
61	MP2B	X	1.219	2
62	MP2B	Z	-2.112	2
63	MP2B	Mx	-.001	2
64	MP2C	X	1.673	2
65	MP2C	Z	-2.897	2
66	MP2C	Mx	.000836	2
67	MP1A	X	1.645	2
68	MP1A	Z	-2.85	2
69	MP1A	Mx	.000823	2
70	MP1B	X	1.109	2
71	MP1B	Z	-1.922	2
72	MP1B	Mx	-.001	2
73	MP1C	X	1.645	2
74	MP1C	Z	-2.85	2
75	MP1C	Mx	.000823	2
76	MP1A	X	4.557	2.5
77	MP1A	Z	-7.892	2.5
78	MP1A	Mx	-.002	2.5
79	MP1A	X	4.557	4.5
80	MP1A	Z	-7.892	4.5
81	MP1A	Mx	-.002	4.5
82	MP1B	X	4.182	2.5
83	MP1B	Z	-7.243	2.5
84	MP1B	Mx	.004	2.5
85	MP1B	X	4.182	4.5
86	MP1B	Z	-7.243	4.5
87	MP1B	Mx	.004	4.5
88	MP1C	X	4.557	2.5
89	MP1C	Z	-7.892	2.5
90	MP1C	Mx	-.002	2.5
91	MP1C	X	4.557	4.5
92	MP1C	Z	-7.892	4.5
93	MP1C	Mx	-.002	4.5
94	MP4A	X	4.557	2.5
95	MP4A	Z	-7.892	2.5
96	MP4A	Mx	-.002	2.5
97	MP4A	X	4.557	4.5
98	MP4A	Z	-7.892	4.5
99	MP4A	Mx	-.002	4.5
100	MP4B	X	4.182	2.5
101	MP4B	Z	-7.243	2.5
102	MP4B	Mx	.004	2.5
103	MP4B	X	4.182	4.5
104	MP4B	Z	-7.243	4.5
105	MP4B	Mx	.004	4.5
106	MP4C	X	4.557	2.5
107	MP4C	Z	-7.892	2.5
108	MP4C	Mx	-.002	2.5
109	MP4C	X	4.557	4.5
110	MP4C	Z	-7.892	4.5
111	MP4C	Mx	-.002	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.09	.5
2	MP2A	Z	-2.939	.5
3	MP2A	Mx	-.005	.5
4	MP2A	X	5.09	6.5
5	MP2A	Z	-2.939	6.5
6	MP2A	Mx	-.005	6.5
7	MP2B	X	5.09	.5
8	MP2B	Z	-2.939	.5
9	MP2B	Mx	.000586	.5
10	MP2B	X	5.09	6.5
11	MP2B	Z	-2.939	6.5
12	MP2B	Mx	.000586	6.5
13	MP2C	X	6.825	.5
14	MP2C	Z	-3.94	.5
15	MP2C	Mx	.005	.5
16	MP2C	X	6.825	6.5
17	MP2C	Z	-3.94	6.5
18	MP2C	Mx	.005	6.5
19	MP2A	X	5.09	.5
20	MP2A	Z	-2.939	.5
21	MP2A	Mx	-.000586	.5
22	MP2A	X	5.09	6.5
23	MP2A	Z	-2.939	6.5
24	MP2A	Mx	-.000586	6.5
25	MP2B	X	5.09	.5
26	MP2B	Z	-2.939	.5
27	MP2B	Mx	.005	.5
28	MP2B	X	5.09	6.5
29	MP2B	Z	-2.939	6.5
30	MP2B	Mx	.005	6.5
31	MP2C	X	6.825	.5
32	MP2C	Z	-3.94	.5
33	MP2C	Mx	-.005	.5
34	MP2C	X	6.825	6.5
35	MP2C	Z	-3.94	6.5
36	MP2C	Mx	-.005	6.5
37	MP3A	X	2.158	2
38	MP3A	Z	-1.246	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.158	5
41	MP3A	Z	-1.246	5
42	MP3A	Mx	-.001	5
43	MP3B	X	2.158	2
44	MP3B	Z	-1.246	2
45	MP3B	Mx	.001	2
46	MP3B	X	2.158	5
47	MP3B	Z	-1.246	5
48	MP3B	Mx	.001	5
49	MP3C	X	3.97	2
50	MP3C	Z	-2.292	2
51	MP3C	Mx	0	2
52	MP3C	X	3.97	5
53	MP3C	Z	-2.292	5
54	MP3C	Mx	0	5
55	M89A	X	5.639	1
56	M89A	Z	-3.256	1
57	M89A	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	2.373	2
59	MP2A	Z	-1.37	2
60	MP2A	Mx	.001	2
61	MP2B	X	2.373	2
62	MP2B	Z	-1.37	2
63	MP2B	Mx	-.001	2
64	MP2C	X	3.159	2
65	MP2C	Z	-1.824	2
66	MP2C	Mx	0	2
67	MP1A	X	2.231	2
68	MP1A	Z	-1.288	2
69	MP1A	Mx	.001	2
70	MP1B	X	2.231	2
71	MP1B	Z	-1.288	2
72	MP1B	Mx	-.001	2
73	MP1C	X	3.159	2
74	MP1C	Z	-1.824	2
75	MP1C	Mx	0	2
76	MP1A	X	7.459	2.5
77	MP1A	Z	-4.307	2.5
78	MP1A	Mx	-.004	2.5
79	MP1A	X	7.459	4.5
80	MP1A	Z	-4.307	4.5
81	MP1A	Mx	-.004	4.5
82	MP1B	X	7.459	2.5
83	MP1B	Z	-4.307	2.5
84	MP1B	Mx	.004	2.5
85	MP1B	X	7.459	4.5
86	MP1B	Z	-4.307	4.5
87	MP1B	Mx	.004	4.5
88	MP1C	X	8.109	2.5
89	MP1C	Z	-4.682	2.5
90	MP1C	Mx	0	2.5
91	MP1C	X	8.109	4.5
92	MP1C	Z	-4.682	4.5
93	MP1C	Mx	0	4.5
94	MP4A	X	7.459	2.5
95	MP4A	Z	-4.307	2.5
96	MP4A	Mx	-.004	2.5
97	MP4A	X	7.459	4.5
98	MP4A	Z	-4.307	4.5
99	MP4A	Mx	-.004	4.5
100	MP4B	X	7.459	2.5
101	MP4B	Z	-4.307	2.5
102	MP4B	Mx	.004	2.5
103	MP4B	X	7.459	4.5
104	MP4B	Z	-4.307	4.5
105	MP4B	Mx	.004	4.5
106	MP4C	X	8.109	2.5
107	MP4C	Z	-4.682	2.5
108	MP4C	Mx	0	2.5
109	MP4C	X	8.109	4.5
110	MP4C	Z	-4.682	4.5
111	MP4C	Mx	0	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.21	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.003	.5
4	MP2A	X	5.21	6.5
5	MP2A	Z	0	6.5
6	MP2A	Mx	-.003	6.5
7	MP2B	X	7.213	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.002	.5
10	MP2B	X	7.213	6.5
11	MP2B	Z	0	6.5
12	MP2B	Mx	-.002	6.5
13	MP2C	X	7.213	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.006	.5
16	MP2C	X	7.213	6.5
17	MP2C	Z	0	6.5
18	MP2C	Mx	.006	6.5
19	MP2A	X	5.21	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.003	.5
22	MP2A	X	5.21	6.5
23	MP2A	Z	0	6.5
24	MP2A	Mx	-.003	6.5
25	MP2B	X	7.213	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.006	.5
28	MP2B	X	7.213	6.5
29	MP2B	Z	0	6.5
30	MP2B	Mx	.006	6.5
31	MP2C	X	7.213	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.002	.5
34	MP2C	X	7.213	6.5
35	MP2C	Z	0	6.5
36	MP2C	Mx	-.002	6.5
37	MP3A	X	1.795	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.000898	2
40	MP3A	X	1.795	5
41	MP3A	Z	0	5
42	MP3A	Mx	-.000898	5
43	MP3B	X	3.887	2
44	MP3B	Z	0	2
45	MP3B	Mx	.000972	2
46	MP3B	X	3.887	5
47	MP3B	Z	0	5
48	MP3B	Mx	.000972	5
49	MP3C	X	3.887	2
50	MP3C	Z	0	2
51	MP3C	Mx	.000972	2
52	MP3C	X	3.887	5
53	MP3C	Z	0	5
54	MP3C	Mx	.000972	5
55	M89A	X	6.042	1
56	M89A	Z	0	1
57	M89A	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	2.438	2
59	MP2A	Z	0	2
60	MP2A	Mx	.001	2
61	MP2B	X	3.345	2
62	MP2B	Z	0	2
63	MP2B	Mx	-.000836	2
64	MP2C	X	3.345	2
65	MP2C	Z	0	2
66	MP2C	Mx	-.000836	2
67	MP1A	X	2.219	2
68	MP1A	Z	0	2
69	MP1A	Mx	.001	2
70	MP1B	X	3.29	2
71	MP1B	Z	0	2
72	MP1B	Mx	-.000823	2
73	MP1C	X	3.29	2
74	MP1C	Z	0	2
75	MP1C	Mx	-.000823	2
76	MP1A	X	8.363	2.5
77	MP1A	Z	0	2.5
78	MP1A	Mx	-.004	2.5
79	MP1A	X	8.363	4.5
80	MP1A	Z	0	4.5
81	MP1A	Mx	-.004	4.5
82	MP1B	X	9.113	2.5
83	MP1B	Z	0	2.5
84	MP1B	Mx	.002	2.5
85	MP1B	X	9.113	4.5
86	MP1B	Z	0	4.5
87	MP1B	Mx	.002	4.5
88	MP1C	X	9.113	2.5
89	MP1C	Z	0	2.5
90	MP1C	Mx	.002	2.5
91	MP1C	X	9.113	4.5
92	MP1C	Z	0	4.5
93	MP1C	Mx	.002	4.5
94	MP4A	X	8.363	2.5
95	MP4A	Z	0	2.5
96	MP4A	Mx	-.004	2.5
97	MP4A	X	8.363	4.5
98	MP4A	Z	0	4.5
99	MP4A	Mx	-.004	4.5
100	MP4B	X	9.113	2.5
101	MP4B	Z	0	2.5
102	MP4B	Mx	.002	2.5
103	MP4B	X	9.113	4.5
104	MP4B	Z	0	4.5
105	MP4B	Mx	.002	4.5
106	MP4C	X	9.113	2.5
107	MP4C	Z	0	2.5
108	MP4C	Mx	.002	2.5
109	MP4C	X	9.113	4.5
110	MP4C	Z	0	4.5
111	MP4C	Mx	.002	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.09	.5
2	MP2A	Z	2.939	.5
3	MP2A	Mx	-.000586	.5
4	MP2A	X	5.09	6.5
5	MP2A	Z	2.939	6.5
6	MP2A	Mx	-.000586	6.5
7	MP2B	X	6.825	.5
8	MP2B	Z	3.94	.5
9	MP2B	Mx	-.005	.5
10	MP2B	X	6.825	6.5
11	MP2B	Z	3.94	6.5
12	MP2B	Mx	-.005	6.5
13	MP2C	X	5.09	.5
14	MP2C	Z	2.939	.5
15	MP2C	Mx	.005	.5
16	MP2C	X	5.09	6.5
17	MP2C	Z	2.939	6.5
18	MP2C	Mx	.005	6.5
19	MP2A	X	5.09	.5
20	MP2A	Z	2.939	.5
21	MP2A	Mx	-.005	.5
22	MP2A	X	5.09	6.5
23	MP2A	Z	2.939	6.5
24	MP2A	Mx	-.005	6.5
25	MP2B	X	6.825	.5
26	MP2B	Z	3.94	.5
27	MP2B	Mx	.005	.5
28	MP2B	X	6.825	6.5
29	MP2B	Z	3.94	6.5
30	MP2B	Mx	.005	6.5
31	MP2C	X	5.09	.5
32	MP2C	Z	2.939	.5
33	MP2C	Mx	.000586	.5
34	MP2C	X	5.09	6.5
35	MP2C	Z	2.939	6.5
36	MP2C	Mx	.000586	6.5
37	MP3A	X	2.158	2
38	MP3A	Z	1.246	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.158	5
41	MP3A	Z	1.246	5
42	MP3A	Mx	-.001	5
43	MP3B	X	3.97	2
44	MP3B	Z	2.292	2
45	MP3B	Mx	0	2
46	MP3B	X	3.97	5
47	MP3B	Z	2.292	5
48	MP3B	Mx	0	5
49	MP3C	X	2.158	2
50	MP3C	Z	1.246	2
51	MP3C	Mx	.001	2
52	MP3C	X	2.158	5
53	MP3C	Z	1.246	5
54	MP3C	Mx	.001	5
55	M89A	X	5.639	1
56	M89A	Z	3.256	1
57	M89A	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	2.373	2
59	MP2A	Z	1.37	2
60	MP2A	Mx	.001	2
61	MP2B	X	3.159	2
62	MP2B	Z	1.824	2
63	MP2B	Mx	0	2
64	MP2C	X	2.373	2
65	MP2C	Z	1.37	2
66	MP2C	Mx	-.001	2
67	MP1A	X	2.231	2
68	MP1A	Z	1.288	2
69	MP1A	Mx	.001	2
70	MP1B	X	3.159	2
71	MP1B	Z	1.824	2
72	MP1B	Mx	0	2
73	MP1C	X	2.231	2
74	MP1C	Z	1.288	2
75	MP1C	Mx	-.001	2
76	MP1A	X	7.459	2.5
77	MP1A	Z	4.307	2.5
78	MP1A	Mx	-.004	2.5
79	MP1A	X	7.459	4.5
80	MP1A	Z	4.307	4.5
81	MP1A	Mx	-.004	4.5
82	MP1B	X	8.109	2.5
83	MP1B	Z	4.682	2.5
84	MP1B	Mx	0	2.5
85	MP1B	X	8.109	4.5
86	MP1B	Z	4.682	4.5
87	MP1B	Mx	0	4.5
88	MP1C	X	7.459	2.5
89	MP1C	Z	4.307	2.5
90	MP1C	Mx	.004	2.5
91	MP1C	X	7.459	4.5
92	MP1C	Z	4.307	4.5
93	MP1C	Mx	.004	4.5
94	MP4A	X	7.459	2.5
95	MP4A	Z	4.307	2.5
96	MP4A	Mx	-.004	2.5
97	MP4A	X	7.459	4.5
98	MP4A	Z	4.307	4.5
99	MP4A	Mx	-.004	4.5
100	MP4B	X	8.109	2.5
101	MP4B	Z	4.682	2.5
102	MP4B	Mx	0	2.5
103	MP4B	X	8.109	4.5
104	MP4B	Z	4.682	4.5
105	MP4B	Mx	0	4.5
106	MP4C	X	7.459	2.5
107	MP4C	Z	4.307	2.5
108	MP4C	Mx	.004	2.5
109	MP4C	X	7.459	4.5
110	MP4C	Z	4.307	4.5
111	MP4C	Mx	.004	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.606	.5
2	MP2A	Z	6.247	.5
3	MP2A	Mx	.002	.5
4	MP2A	X	3.606	6.5
5	MP2A	Z	6.247	6.5
6	MP2A	Mx	.002	6.5
7	MP2B	X	3.606	.5
8	MP2B	Z	6.247	.5
9	MP2B	Mx	-.006	.5
10	MP2B	X	3.606	6.5
11	MP2B	Z	6.247	6.5
12	MP2B	Mx	-.006	6.5
13	MP2C	X	2.605	.5
14	MP2C	Z	4.512	.5
15	MP2C	Mx	.003	.5
16	MP2C	X	2.605	6.5
17	MP2C	Z	4.512	6.5
18	MP2C	Mx	.003	6.5
19	MP2A	X	3.606	.5
20	MP2A	Z	6.247	.5
21	MP2A	Mx	-.006	.5
22	MP2A	X	3.606	6.5
23	MP2A	Z	6.247	6.5
24	MP2A	Mx	-.006	6.5
25	MP2B	X	3.606	.5
26	MP2B	Z	6.247	.5
27	MP2B	Mx	.002	.5
28	MP2B	X	3.606	6.5
29	MP2B	Z	6.247	6.5
30	MP2B	Mx	.002	6.5
31	MP2C	X	2.605	.5
32	MP2C	Z	4.512	.5
33	MP2C	Mx	.003	.5
34	MP2C	X	2.605	6.5
35	MP2C	Z	4.512	6.5
36	MP2C	Mx	.003	6.5
37	MP3A	X	1.943	2
38	MP3A	Z	3.366	2
39	MP3A	Mx	-.000972	2
40	MP3A	X	1.943	5
41	MP3A	Z	3.366	5
42	MP3A	Mx	-.000972	5
43	MP3B	X	1.943	2
44	MP3B	Z	3.366	2
45	MP3B	Mx	-.000972	2
46	MP3B	X	1.943	5
47	MP3B	Z	3.366	5
48	MP3B	Mx	-.000972	5
49	MP3C	X	.897	2
50	MP3C	Z	1.554	2
51	MP3C	Mx	.000897	2
52	MP3C	X	.897	5
53	MP3C	Z	1.554	5
54	MP3C	Mx	.000897	5
55	M89A	X	3.725	1
56	M89A	Z	6.452	1
57	M89A	Mx	-.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	1.673	2
59	MP2A	Z	2.897	2
60	MP2A	Mx	.000836	2
61	MP2B	X	1.673	2
62	MP2B	Z	2.897	2
63	MP2B	Mx	.000836	2
64	MP2C	X	1.219	2
65	MP2C	Z	2.112	2
66	MP2C	Mx	-.001	2
67	MP1A	X	1.645	2
68	MP1A	Z	2.85	2
69	MP1A	Mx	.000823	2
70	MP1B	X	1.645	2
71	MP1B	Z	2.85	2
72	MP1B	Mx	.000823	2
73	MP1C	X	1.109	2
74	MP1C	Z	1.922	2
75	MP1C	Mx	-.001	2
76	MP1A	X	4.557	2.5
77	MP1A	Z	7.892	2.5
78	MP1A	Mx	-.002	2.5
79	MP1A	X	4.557	4.5
80	MP1A	Z	7.892	4.5
81	MP1A	Mx	-.002	4.5
82	MP1B	X	4.557	2.5
83	MP1B	Z	7.892	2.5
84	MP1B	Mx	-.002	2.5
85	MP1B	X	4.557	4.5
86	MP1B	Z	7.892	4.5
87	MP1B	Mx	-.002	4.5
88	MP1C	X	4.182	2.5
89	MP1C	Z	7.243	2.5
90	MP1C	Mx	.004	2.5
91	MP1C	X	4.182	4.5
92	MP1C	Z	7.243	4.5
93	MP1C	Mx	.004	4.5
94	MP4A	X	4.557	2.5
95	MP4A	Z	7.892	2.5
96	MP4A	Mx	-.002	2.5
97	MP4A	X	4.557	4.5
98	MP4A	Z	7.892	4.5
99	MP4A	Mx	-.002	4.5
100	MP4B	X	4.557	2.5
101	MP4B	Z	7.892	2.5
102	MP4B	Mx	-.002	2.5
103	MP4B	X	4.557	4.5
104	MP4B	Z	7.892	4.5
105	MP4B	Mx	-.002	4.5
106	MP4C	X	4.182	2.5
107	MP4C	Z	7.243	2.5
108	MP4C	Mx	.004	2.5
109	MP4C	X	4.182	4.5
110	MP4C	Z	7.243	4.5
111	MP4C	Mx	.004	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	7.881	.5
3	MP2A	Mx	.005	.5
4	MP2A	X	0	6.5
5	MP2A	Z	7.881	6.5
6	MP2A	Mx	.005	6.5
7	MP2B	X	0	.5
8	MP2B	Z	5.877	.5
9	MP2B	Mx	-.005	.5
10	MP2B	X	0	6.5
11	MP2B	Z	5.877	6.5
12	MP2B	Mx	-.005	6.5
13	MP2C	X	0	.5
14	MP2C	Z	5.877	.5
15	MP2C	Mx	.000586	.5
16	MP2C	X	0	6.5
17	MP2C	Z	5.877	6.5
18	MP2C	Mx	.000586	6.5
19	MP2A	X	0	.5
20	MP2A	Z	7.881	.5
21	MP2A	Mx	-.005	.5
22	MP2A	X	0	6.5
23	MP2A	Z	7.881	6.5
24	MP2A	Mx	-.005	6.5
25	MP2B	X	0	.5
26	MP2B	Z	5.877	.5
27	MP2B	Mx	-.000586	.5
28	MP2B	X	0	6.5
29	MP2B	Z	5.877	6.5
30	MP2B	Mx	-.000586	6.5
31	MP2C	X	0	.5
32	MP2C	Z	5.877	.5
33	MP2C	Mx	.005	.5
34	MP2C	X	0	6.5
35	MP2C	Z	5.877	6.5
36	MP2C	Mx	.005	6.5
37	MP3A	X	0	2
38	MP3A	Z	4.584	2
39	MP3A	Mx	0	2
40	MP3A	X	0	5
41	MP3A	Z	4.584	5
42	MP3A	Mx	0	5
43	MP3B	X	0	2
44	MP3B	Z	2.492	2
45	MP3B	Mx	-.001	2
46	MP3B	X	0	5
47	MP3B	Z	2.492	5
48	MP3B	Mx	-.001	5
49	MP3C	X	0	2
50	MP3C	Z	2.492	2
51	MP3C	Mx	.001	2
52	MP3C	X	0	5
53	MP3C	Z	2.492	5
54	MP3C	Mx	.001	5
55	M89A	X	0	1
56	M89A	Z	7.92	1
57	M89A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	0	2
59	MP2A	Z	3.648	2
60	MP2A	Mx	0	2
61	MP2B	X	0	2
62	MP2B	Z	2.741	2
63	MP2B	Mx	.001	2
64	MP2C	X	0	2
65	MP2C	Z	2.741	2
66	MP2C	Mx	-.001	2
67	MP1A	X	0	2
68	MP1A	Z	3.648	2
69	MP1A	Mx	0	2
70	MP1B	X	0	2
71	MP1B	Z	2.576	2
72	MP1B	Mx	.001	2
73	MP1C	X	0	2
74	MP1C	Z	2.576	2
75	MP1C	Mx	-.001	2
76	MP1A	X	0	2.5
77	MP1A	Z	9.363	2.5
78	MP1A	Mx	0	2.5
79	MP1A	X	0	4.5
80	MP1A	Z	9.363	4.5
81	MP1A	Mx	0	4.5
82	MP1B	X	0	2.5
83	MP1B	Z	8.613	2.5
84	MP1B	Mx	-.004	2.5
85	MP1B	X	0	4.5
86	MP1B	Z	8.613	4.5
87	MP1B	Mx	-.004	4.5
88	MP1C	X	0	2.5
89	MP1C	Z	8.613	2.5
90	MP1C	Mx	.004	2.5
91	MP1C	X	0	4.5
92	MP1C	Z	8.613	4.5
93	MP1C	Mx	.004	4.5
94	MP4A	X	0	2.5
95	MP4A	Z	9.363	2.5
96	MP4A	Mx	0	2.5
97	MP4A	X	0	4.5
98	MP4A	Z	9.363	4.5
99	MP4A	Mx	0	4.5
100	MP4B	X	0	2.5
101	MP4B	Z	8.613	2.5
102	MP4B	Mx	-.004	2.5
103	MP4B	X	0	4.5
104	MP4B	Z	8.613	4.5
105	MP4B	Mx	-.004	4.5
106	MP4C	X	0	2.5
107	MP4C	Z	8.613	2.5
108	MP4C	Mx	.004	2.5
109	MP4C	X	0	4.5
110	MP4C	Z	8.613	4.5
111	MP4C	Mx	.004	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.606	.5
2	MP2A	Z	6.247	.5
3	MP2A	Mx	.006	.5
4	MP2A	X	-3.606	6.5
5	MP2A	Z	6.247	6.5
6	MP2A	Mx	.006	6.5
7	MP2B	X	-2.605	.5
8	MP2B	Z	4.512	.5
9	MP2B	Mx	-.003	.5
10	MP2B	X	-2.605	6.5
11	MP2B	Z	4.512	6.5
12	MP2B	Mx	-.003	6.5
13	MP2C	X	-3.606	.5
14	MP2C	Z	6.247	.5
15	MP2C	Mx	-.002	.5
16	MP2C	X	-3.606	6.5
17	MP2C	Z	6.247	6.5
18	MP2C	Mx	-.002	6.5
19	MP2A	X	-3.606	.5
20	MP2A	Z	6.247	.5
21	MP2A	Mx	-.002	.5
22	MP2A	X	-3.606	6.5
23	MP2A	Z	6.247	6.5
24	MP2A	Mx	-.002	6.5
25	MP2B	X	-2.605	.5
26	MP2B	Z	4.512	.5
27	MP2B	Mx	-.003	.5
28	MP2B	X	-2.605	6.5
29	MP2B	Z	4.512	6.5
30	MP2B	Mx	-.003	6.5
31	MP2C	X	-3.606	.5
32	MP2C	Z	6.247	.5
33	MP2C	Mx	.006	.5
34	MP2C	X	-3.606	6.5
35	MP2C	Z	6.247	6.5
36	MP2C	Mx	.006	6.5
37	MP3A	X	-1.943	2
38	MP3A	Z	3.366	2
39	MP3A	Mx	.000972	2
40	MP3A	X	-1.943	5
41	MP3A	Z	3.366	5
42	MP3A	Mx	.000972	5
43	MP3B	X	-.897	2
44	MP3B	Z	1.554	2
45	MP3B	Mx	-.000897	2
46	MP3B	X	-.897	5
47	MP3B	Z	1.554	5
48	MP3B	Mx	-.000897	5
49	MP3C	X	-1.943	2
50	MP3C	Z	3.366	2
51	MP3C	Mx	.000972	2
52	MP3C	X	-1.943	5
53	MP3C	Z	3.366	5
54	MP3C	Mx	.000972	5
55	M89A	X	-3.725	1
56	M89A	Z	6.452	1
57	M89A	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-1.673	2
59	MP2A	Z	2.897	2
60	MP2A	Mx	-.000836	2
61	MP2B	X	-1.219	2
62	MP2B	Z	2.112	2
63	MP2B	Mx	.001	2
64	MP2C	X	-1.673	2
65	MP2C	Z	2.897	2
66	MP2C	Mx	-.000836	2
67	MP1A	X	-1.645	2
68	MP1A	Z	2.85	2
69	MP1A	Mx	-.000823	2
70	MP1B	X	-1.109	2
71	MP1B	Z	1.922	2
72	MP1B	Mx	.001	2
73	MP1C	X	-1.645	2
74	MP1C	Z	2.85	2
75	MP1C	Mx	-.000823	2
76	MP1A	X	-4.557	2.5
77	MP1A	Z	7.892	2.5
78	MP1A	Mx	.002	2.5
79	MP1A	X	-4.557	4.5
80	MP1A	Z	7.892	4.5
81	MP1A	Mx	.002	4.5
82	MP1B	X	-4.182	2.5
83	MP1B	Z	7.243	2.5
84	MP1B	Mx	-.004	2.5
85	MP1B	X	-4.182	4.5
86	MP1B	Z	7.243	4.5
87	MP1B	Mx	-.004	4.5
88	MP1C	X	-4.557	2.5
89	MP1C	Z	7.892	2.5
90	MP1C	Mx	.002	2.5
91	MP1C	X	-4.557	4.5
92	MP1C	Z	7.892	4.5
93	MP1C	Mx	.002	4.5
94	MP4A	X	-4.557	2.5
95	MP4A	Z	7.892	2.5
96	MP4A	Mx	.002	2.5
97	MP4A	X	-4.557	4.5
98	MP4A	Z	7.892	4.5
99	MP4A	Mx	.002	4.5
100	MP4B	X	-4.182	2.5
101	MP4B	Z	7.243	2.5
102	MP4B	Mx	-.004	2.5
103	MP4B	X	-4.182	4.5
104	MP4B	Z	7.243	4.5
105	MP4B	Mx	-.004	4.5
106	MP4C	X	-4.557	2.5
107	MP4C	Z	7.892	2.5
108	MP4C	Mx	.002	2.5
109	MP4C	X	-4.557	4.5
110	MP4C	Z	7.892	4.5
111	MP4C	Mx	.002	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.09	.5
2	MP2A	Z	2.939	.5
3	MP2A	Mx	.005	.5
4	MP2A	X	-5.09	6.5
5	MP2A	Z	2.939	6.5
6	MP2A	Mx	.005	6.5
7	MP2B	X	-5.09	.5
8	MP2B	Z	2.939	.5
9	MP2B	Mx	-.000586	.5
10	MP2B	X	-5.09	6.5
11	MP2B	Z	2.939	6.5
12	MP2B	Mx	-.000586	6.5
13	MP2C	X	-6.825	.5
14	MP2C	Z	3.94	.5
15	MP2C	Mx	-.005	.5
16	MP2C	X	-6.825	6.5
17	MP2C	Z	3.94	6.5
18	MP2C	Mx	-.005	6.5
19	MP2A	X	-5.09	.5
20	MP2A	Z	2.939	.5
21	MP2A	Mx	.000586	.5
22	MP2A	X	-5.09	6.5
23	MP2A	Z	2.939	6.5
24	MP2A	Mx	.000586	6.5
25	MP2B	X	-5.09	.5
26	MP2B	Z	2.939	.5
27	MP2B	Mx	-.005	.5
28	MP2B	X	-5.09	6.5
29	MP2B	Z	2.939	6.5
30	MP2B	Mx	-.005	6.5
31	MP2C	X	-6.825	.5
32	MP2C	Z	3.94	.5
33	MP2C	Mx	.005	.5
34	MP2C	X	-6.825	6.5
35	MP2C	Z	3.94	6.5
36	MP2C	Mx	.005	6.5
37	MP3A	X	-2.158	2
38	MP3A	Z	1.246	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.158	5
41	MP3A	Z	1.246	5
42	MP3A	Mx	.001	5
43	MP3B	X	-2.158	2
44	MP3B	Z	1.246	2
45	MP3B	Mx	-.001	2
46	MP3B	X	-2.158	5
47	MP3B	Z	1.246	5
48	MP3B	Mx	-.001	5
49	MP3C	X	-3.97	2
50	MP3C	Z	2.292	2
51	MP3C	Mx	0	2
52	MP3C	X	-3.97	5
53	MP3C	Z	2.292	5
54	MP3C	Mx	0	5
55	M89A	X	-5.639	1
56	M89A	Z	3.256	1
57	M89A	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-2.373	2
59	MP2A	Z	1.37	2
60	MP2A	Mx	-.001	2
61	MP2B	X	-2.373	2
62	MP2B	Z	1.37	2
63	MP2B	Mx	.001	2
64	MP2C	X	-3.159	2
65	MP2C	Z	1.824	2
66	MP2C	Mx	0	2
67	MP1A	X	-2.231	2
68	MP1A	Z	1.288	2
69	MP1A	Mx	-.001	2
70	MP1B	X	-2.231	2
71	MP1B	Z	1.288	2
72	MP1B	Mx	.001	2
73	MP1C	X	-3.159	2
74	MP1C	Z	1.824	2
75	MP1C	Mx	0	2
76	MP1A	X	-7.459	2.5
77	MP1A	Z	4.307	2.5
78	MP1A	Mx	.004	2.5
79	MP1A	X	-7.459	4.5
80	MP1A	Z	4.307	4.5
81	MP1A	Mx	.004	4.5
82	MP1B	X	-7.459	2.5
83	MP1B	Z	4.307	2.5
84	MP1B	Mx	-.004	2.5
85	MP1B	X	-7.459	4.5
86	MP1B	Z	4.307	4.5
87	MP1B	Mx	-.004	4.5
88	MP1C	X	-8.109	2.5
89	MP1C	Z	4.682	2.5
90	MP1C	Mx	0	2.5
91	MP1C	X	-8.109	4.5
92	MP1C	Z	4.682	4.5
93	MP1C	Mx	0	4.5
94	MP4A	X	-7.459	2.5
95	MP4A	Z	4.307	2.5
96	MP4A	Mx	.004	2.5
97	MP4A	X	-7.459	4.5
98	MP4A	Z	4.307	4.5
99	MP4A	Mx	.004	4.5
100	MP4B	X	-7.459	2.5
101	MP4B	Z	4.307	2.5
102	MP4B	Mx	-.004	2.5
103	MP4B	X	-7.459	4.5
104	MP4B	Z	4.307	4.5
105	MP4B	Mx	-.004	4.5
106	MP4C	X	-8.109	2.5
107	MP4C	Z	4.682	2.5
108	MP4C	Mx	0	2.5
109	MP4C	X	-8.109	4.5
110	MP4C	Z	4.682	4.5
111	MP4C	Mx	0	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.21	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.003	.5
4	MP2A	X	-5.21	6.5
5	MP2A	Z	0	6.5
6	MP2A	Mx	.003	6.5
7	MP2B	X	-7.213	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.002	.5
10	MP2B	X	-7.213	6.5
11	MP2B	Z	0	6.5
12	MP2B	Mx	.002	6.5
13	MP2C	X	-7.213	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.006	.5
16	MP2C	X	-7.213	6.5
17	MP2C	Z	0	6.5
18	MP2C	Mx	-.006	6.5
19	MP2A	X	-5.21	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.003	.5
22	MP2A	X	-5.21	6.5
23	MP2A	Z	0	6.5
24	MP2A	Mx	.003	6.5
25	MP2B	X	-7.213	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.006	.5
28	MP2B	X	-7.213	6.5
29	MP2B	Z	0	6.5
30	MP2B	Mx	-.006	6.5
31	MP2C	X	-7.213	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.002	.5
34	MP2C	X	-7.213	6.5
35	MP2C	Z	0	6.5
36	MP2C	Mx	.002	6.5
37	MP3A	X	-1.795	2
38	MP3A	Z	0	2
39	MP3A	Mx	.000898	2
40	MP3A	X	-1.795	5
41	MP3A	Z	0	5
42	MP3A	Mx	.000898	5
43	MP3B	X	-3.887	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.000972	2
46	MP3B	X	-3.887	5
47	MP3B	Z	0	5
48	MP3B	Mx	-.000972	5
49	MP3C	X	-3.887	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.000972	2
52	MP3C	X	-3.887	5
53	MP3C	Z	0	5
54	MP3C	Mx	-.000972	5
55	M89A	X	-6.042	1
56	M89A	Z	0	1
57	M89A	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-2.438	2
59	MP2A	Z	0	2
60	MP2A	Mx	-.001	2
61	MP2B	X	-3.345	2
62	MP2B	Z	0	2
63	MP2B	Mx	.000836	2
64	MP2C	X	-3.345	2
65	MP2C	Z	0	2
66	MP2C	Mx	.000836	2
67	MP1A	X	-2.219	2
68	MP1A	Z	0	2
69	MP1A	Mx	-.001	2
70	MP1B	X	-3.29	2
71	MP1B	Z	0	2
72	MP1B	Mx	.000823	2
73	MP1C	X	-3.29	2
74	MP1C	Z	0	2
75	MP1C	Mx	.000823	2
76	MP1A	X	-8.363	2.5
77	MP1A	Z	0	2.5
78	MP1A	Mx	.004	2.5
79	MP1A	X	-8.363	4.5
80	MP1A	Z	0	4.5
81	MP1A	Mx	.004	4.5
82	MP1B	X	-9.113	2.5
83	MP1B	Z	0	2.5
84	MP1B	Mx	-.002	2.5
85	MP1B	X	-9.113	4.5
86	MP1B	Z	0	4.5
87	MP1B	Mx	-.002	4.5
88	MP1C	X	-9.113	2.5
89	MP1C	Z	0	2.5
90	MP1C	Mx	-.002	2.5
91	MP1C	X	-9.113	4.5
92	MP1C	Z	0	4.5
93	MP1C	Mx	-.002	4.5
94	MP4A	X	-8.363	2.5
95	MP4A	Z	0	2.5
96	MP4A	Mx	.004	2.5
97	MP4A	X	-8.363	4.5
98	MP4A	Z	0	4.5
99	MP4A	Mx	.004	4.5
100	MP4B	X	-9.113	2.5
101	MP4B	Z	0	2.5
102	MP4B	Mx	-.002	2.5
103	MP4B	X	-9.113	4.5
104	MP4B	Z	0	4.5
105	MP4B	Mx	-.002	4.5
106	MP4C	X	-9.113	2.5
107	MP4C	Z	0	2.5
108	MP4C	Mx	-.002	2.5
109	MP4C	X	-9.113	4.5
110	MP4C	Z	0	4.5
111	MP4C	Mx	-.002	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.09	.5
2	MP2A	Z	-2.939	.5
3	MP2A	Mx	.000586	.5
4	MP2A	X	-5.09	6.5
5	MP2A	Z	-2.939	6.5
6	MP2A	Mx	.000586	6.5
7	MP2B	X	-6.825	.5
8	MP2B	Z	-3.94	.5
9	MP2B	Mx	.005	.5
10	MP2B	X	-6.825	6.5
11	MP2B	Z	-3.94	6.5
12	MP2B	Mx	.005	6.5
13	MP2C	X	-5.09	.5
14	MP2C	Z	-2.939	.5
15	MP2C	Mx	-.005	.5
16	MP2C	X	-5.09	6.5
17	MP2C	Z	-2.939	6.5
18	MP2C	Mx	-.005	6.5
19	MP2A	X	-5.09	.5
20	MP2A	Z	-2.939	.5
21	MP2A	Mx	.005	.5
22	MP2A	X	-5.09	6.5
23	MP2A	Z	-2.939	6.5
24	MP2A	Mx	.005	6.5
25	MP2B	X	-6.825	.5
26	MP2B	Z	-3.94	.5
27	MP2B	Mx	-.005	.5
28	MP2B	X	-6.825	6.5
29	MP2B	Z	-3.94	6.5
30	MP2B	Mx	-.005	6.5
31	MP2C	X	-5.09	.5
32	MP2C	Z	-2.939	.5
33	MP2C	Mx	-.000586	.5
34	MP2C	X	-5.09	6.5
35	MP2C	Z	-2.939	6.5
36	MP2C	Mx	-.000586	6.5
37	MP3A	X	-2.158	2
38	MP3A	Z	-1.246	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.158	5
41	MP3A	Z	-1.246	5
42	MP3A	Mx	.001	5
43	MP3B	X	-3.97	2
44	MP3B	Z	-2.292	2
45	MP3B	Mx	0	2
46	MP3B	X	-3.97	5
47	MP3B	Z	-2.292	5
48	MP3B	Mx	0	5
49	MP3C	X	-2.158	2
50	MP3C	Z	-1.246	2
51	MP3C	Mx	-.001	2
52	MP3C	X	-2.158	5
53	MP3C	Z	-1.246	5
54	MP3C	Mx	-.001	5
55	M89A	X	-5.639	1
56	M89A	Z	-3.256	1
57	M89A	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-2.373	2
59	MP2A	Z	-1.37	2
60	MP2A	Mx	-.001	2
61	MP2B	X	-3.159	2
62	MP2B	Z	-1.824	2
63	MP2B	Mx	0	2
64	MP2C	X	-2.373	2
65	MP2C	Z	-1.37	2
66	MP2C	Mx	.001	2
67	MP1A	X	-2.231	2
68	MP1A	Z	-1.288	2
69	MP1A	Mx	-.001	2
70	MP1B	X	-3.159	2
71	MP1B	Z	-1.824	2
72	MP1B	Mx	0	2
73	MP1C	X	-2.231	2
74	MP1C	Z	-1.288	2
75	MP1C	Mx	.001	2
76	MP1A	X	-7.459	2.5
77	MP1A	Z	-4.307	2.5
78	MP1A	Mx	.004	2.5
79	MP1A	X	-7.459	4.5
80	MP1A	Z	-4.307	4.5
81	MP1A	Mx	.004	4.5
82	MP1B	X	-8.109	2.5
83	MP1B	Z	-4.682	2.5
84	MP1B	Mx	0	2.5
85	MP1B	X	-8.109	4.5
86	MP1B	Z	-4.682	4.5
87	MP1B	Mx	0	4.5
88	MP1C	X	-7.459	2.5
89	MP1C	Z	-4.307	2.5
90	MP1C	Mx	-.004	2.5
91	MP1C	X	-7.459	4.5
92	MP1C	Z	-4.307	4.5
93	MP1C	Mx	-.004	4.5
94	MP4A	X	-7.459	2.5
95	MP4A	Z	-4.307	2.5
96	MP4A	Mx	.004	2.5
97	MP4A	X	-7.459	4.5
98	MP4A	Z	-4.307	4.5
99	MP4A	Mx	.004	4.5
100	MP4B	X	-8.109	2.5
101	MP4B	Z	-4.682	2.5
102	MP4B	Mx	0	2.5
103	MP4B	X	-8.109	4.5
104	MP4B	Z	-4.682	4.5
105	MP4B	Mx	0	4.5
106	MP4C	X	-7.459	2.5
107	MP4C	Z	-4.307	2.5
108	MP4C	Mx	-.004	2.5
109	MP4C	X	-7.459	4.5
110	MP4C	Z	-4.307	4.5
111	MP4C	Mx	-.004	4.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.606	.5
2	MP2A	Z	-6.247	.5
3	MP2A	Mx	-.002	.5
4	MP2A	X	-3.606	6.5
5	MP2A	Z	-6.247	6.5
6	MP2A	Mx	-.002	6.5
7	MP2B	X	-3.606	.5
8	MP2B	Z	-6.247	.5
9	MP2B	Mx	.006	.5
10	MP2B	X	-3.606	6.5
11	MP2B	Z	-6.247	6.5
12	MP2B	Mx	.006	6.5
13	MP2C	X	-2.605	.5
14	MP2C	Z	-4.512	.5
15	MP2C	Mx	-.003	.5
16	MP2C	X	-2.605	6.5
17	MP2C	Z	-4.512	6.5
18	MP2C	Mx	-.003	6.5
19	MP2A	X	-3.606	.5
20	MP2A	Z	-6.247	.5
21	MP2A	Mx	.006	.5
22	MP2A	X	-3.606	6.5
23	MP2A	Z	-6.247	6.5
24	MP2A	Mx	.006	6.5
25	MP2B	X	-3.606	.5
26	MP2B	Z	-6.247	.5
27	MP2B	Mx	-.002	.5
28	MP2B	X	-3.606	6.5
29	MP2B	Z	-6.247	6.5
30	MP2B	Mx	-.002	6.5
31	MP2C	X	-2.605	.5
32	MP2C	Z	-4.512	.5
33	MP2C	Mx	-.003	.5
34	MP2C	X	-2.605	6.5
35	MP2C	Z	-4.512	6.5
36	MP2C	Mx	-.003	6.5
37	MP3A	X	-1.943	2
38	MP3A	Z	-3.366	2
39	MP3A	Mx	.000972	2
40	MP3A	X	-1.943	5
41	MP3A	Z	-3.366	5
42	MP3A	Mx	.000972	5
43	MP3B	X	-1.943	2
44	MP3B	Z	-3.366	2
45	MP3B	Mx	.000972	2
46	MP3B	X	-1.943	5
47	MP3B	Z	-3.366	5
48	MP3B	Mx	.000972	5
49	MP3C	X	-.897	2
50	MP3C	Z	-1.554	2
51	MP3C	Mx	-.000897	2
52	MP3C	X	-.897	5
53	MP3C	Z	-1.554	5
54	MP3C	Mx	-.000897	5
55	M89A	X	-3.725	1
56	M89A	Z	-6.452	1
57	M89A	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-1.673	2
59	MP2A	Z	-2.897	2
60	MP2A	Mx	-.000836	2
61	MP2B	X	-1.673	2
62	MP2B	Z	-2.897	2
63	MP2B	Mx	-.000836	2
64	MP2C	X	-1.219	2
65	MP2C	Z	-2.112	2
66	MP2C	Mx	.001	2
67	MP1A	X	-1.645	2
68	MP1A	Z	-2.85	2
69	MP1A	Mx	-.000823	2
70	MP1B	X	-1.645	2
71	MP1B	Z	-2.85	2
72	MP1B	Mx	-.000823	2
73	MP1C	X	-1.109	2
74	MP1C	Z	-1.922	2
75	MP1C	Mx	.001	2
76	MP1A	X	-4.557	2.5
77	MP1A	Z	-7.892	2.5
78	MP1A	Mx	.002	2.5
79	MP1A	X	-4.557	4.5
80	MP1A	Z	-7.892	4.5
81	MP1A	Mx	.002	4.5
82	MP1B	X	-4.557	2.5
83	MP1B	Z	-7.892	2.5
84	MP1B	Mx	.002	2.5
85	MP1B	X	-4.557	4.5
86	MP1B	Z	-7.892	4.5
87	MP1B	Mx	.002	4.5
88	MP1C	X	-4.182	2.5
89	MP1C	Z	-7.243	2.5
90	MP1C	Mx	-.004	2.5
91	MP1C	X	-4.182	4.5
92	MP1C	Z	-7.243	4.5
93	MP1C	Mx	-.004	4.5
94	MP4A	X	-4.557	2.5
95	MP4A	Z	-7.892	2.5
96	MP4A	Mx	.002	2.5
97	MP4A	X	-4.557	4.5
98	MP4A	Z	-7.892	4.5
99	MP4A	Mx	.002	4.5
100	MP4B	X	-4.557	2.5
101	MP4B	Z	-7.892	2.5
102	MP4B	Mx	.002	2.5
103	MP4B	X	-4.557	4.5
104	MP4B	Z	-7.892	4.5
105	MP4B	Mx	.002	4.5
106	MP4C	X	-4.182	2.5
107	MP4C	Z	-7.243	2.5
108	MP4C	Mx	-.004	2.5
109	MP4C	X	-4.182	4.5
110	MP4C	Z	-7.243	4.5
111	MP4C	Mx	-.004	4.5

Member Point Loads (BLC 77 : Lm1)

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

Member Point Loads (BLC 77 : Lm1) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	%35

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	%2

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-250	0

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	M20	Y	-10.732	-10.732	0	%100
2	M41A	Y	-15.19	-15.19	0	%100
3	M42_1	Y	-15.19	-15.19	0	%100
4	M43A_1	Y	-15.943	-15.943	0	%100
5	M46A	Y	-9.344	-9.344	0	%100
6	M47	Y	-9.344	-9.344	0	%100
7	M64	Y	-15.924	-15.924	0	%100
8	M65	Y	-15.924	-15.924	0	%100
9	M71	Y	-15.943	-15.943	0	%100
10	M86	Y	-15.924	-15.924	0	%100
11	M87	Y	-15.924	-15.924	0	%100
12	M90	Y	-15.943	-15.943	0	%100
13	M51A	Y	-15.19	-15.19	0	%100
14	M52	Y	-15.19	-15.19	0	%100
15	M53A	Y	-15.943	-15.943	0	%100
16	M56	Y	-9.344	-9.344	0	%100
17	M57	Y	-9.344	-9.344	0	%100
18	M62	Y	-15.924	-15.924	0	%100
19	M63	Y	-15.924	-15.924	0	%100
20	M65A	Y	-15.943	-15.943	0	%100
21	M67	Y	-15.924	-15.924	0	%100
22	M68A	Y	-15.924	-15.924	0	%100
23	M70	Y	-15.943	-15.943	0	%100
24	MP4A	Y	-8.407	-8.407	0	%100
25	MP3A	Y	-8.407	-8.407	0	%100
26	MP1A	Y	-8.407	-8.407	0	%100
27	M109A	Y	-15.19	-15.19	0	%100
28	M53	Y	-10.732	-10.732	0	%100
29	M54A	Y	-10.732	-10.732	0	%100
30	M55A	Y	-15.19	-15.19	0	%100
31	M56A	Y	-15.19	-15.19	0	%100
32	M57A	Y	-15.943	-15.943	0	%100
33	M60A	Y	-9.344	-9.344	0	%100
34	M61A	Y	-9.344	-9.344	0	%100
35	M66A	Y	-15.924	-15.924	0	%100
36	M67A	Y	-15.924	-15.924	0	%100
37	M69A	Y	-15.943	-15.943	0	%100
38	M71B	Y	-15.924	-15.924	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,%]
39	M72A	Y	-15.924	-15.924	0	%100
40	M74	Y	-15.943	-15.943	0	%100
41	M76	Y	-15.19	-15.19	0	%100
42	M77	Y	-15.19	-15.19	0	%100
43	M89A	Y	-8.407	-8.407	0	%100
44	MP2A	Y	-8.407	-8.407	0	%100
45	MP4C	Y	-8.407	-8.407	0	%100
46	MP3C	Y	-8.407	-8.407	0	%100
47	MP1C	Y	-8.407	-8.407	0	%100
48	MP2C	Y	-8.407	-8.407	0	%100
49	MP4B	Y	-8.407	-8.407	0	%100
50	MP3B	Y	-8.407	-8.407	0	%100
51	MP1B	Y	-8.407	-8.407	0	%100
52	MP2B	Y	-8.407	-8.407	0	%100
53	M94	Y	-9.44	-9.44	0	%100
54	M101	Y	-9.44	-9.44	0	%100
55	M104	Y	-9.44	-9.44	0	%100
56	M107	Y	-12.267	-12.267	0	%100
57	M108	Y	-12.267	-12.267	0	%100
58	M109	Y	-12.267	-12.267	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	M20	X	0	0	0	%100
2	M20	Z	-10.562	-10.562	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	-2.274	-2.274	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	-2.274	-2.274	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	-4.527	-4.527	0	%100
9	M46A	X	0	0	0	%100
10	M46A	Z	-2.464	-2.464	0	%100
11	M47	X	0	0	0	%100
12	M47	Z	-9.858	-9.858	0	%100
13	M64	X	0	0	0	%100
14	M64	Z	-13.664	-13.664	0	%100
15	M65	X	0	0	0	%100
16	M65	Z	-18.442	-18.442	0	%100
17	M71	X	0	0	0	%100
18	M71	Z	-19.113	-19.113	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	-13.664	-13.664	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	-4.611	-4.611	0	%100
23	M90	X	0	0	0	%100
24	M90	Z	-4.778	-4.778	0	%100
25	M51A	X	0	0	0	%100
26	M51A	Z	-2.274	-2.274	0	%100
27	M52	X	0	0	0	%100
28	M52	Z	-2.274	-2.274	0	%100
29	M53A	X	0	0	0	%100
30	M53A	Z	-4.527	-4.527	0	%100
31	M56	X	0	0	0	%100
32	M56	Z	-9.857	-9.857	0	%100
33	M57	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,%]
34	M57	Z	-2.465	-2.465	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	-13.664	-13.664	0	%100
37	M63	X	0	0	0	%100
38	M63	Z	-4.611	-4.611	0	%100
39	M65A	X	0	0	0	%100
40	M65A	Z	-4.778	-4.778	0	%100
41	M67	X	0	0	0	%100
42	M67	Z	-13.664	-13.664	0	%100
43	M68A	X	0	0	0	%100
44	M68A	Z	-18.442	-18.442	0	%100
45	M70	X	0	0	0	%100
46	M70	Z	-19.113	-19.113	0	%100
47	MP4A	X	0	0	0	%100
48	MP4A	Z	-7.167	-7.167	0	%100
49	MP3A	X	0	0	0	%100
50	MP3A	Z	-7.167	-7.167	0	%100
51	MP1A	X	0	0	0	%100
52	MP1A	Z	-7.167	-7.167	0	%100
53	M109A	X	0	0	0	%100
54	M109A	Z	-8.074	-8.074	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	-2.641	-2.641	0	%100
57	M54A	X	0	0	0	%100
58	M54A	Z	-2.641	-2.641	0	%100
59	M55A	X	0	0	0	%100
60	M55A	Z	-9.096	-9.096	0	%100
61	M56A	X	0	0	0	%100
62	M56A	Z	-9.096	-9.096	0	%100
63	M57A	X	0	0	0	%100
64	M57A	Z	-18.107	-18.107	0	%100
65	M60A	X	0	0	0	%100
66	M60A	Z	-2.464	-2.464	0	%100
67	M61A	X	0	0	0	%100
68	M61A	Z	-2.465	-2.465	0	%100
69	M66A	X	0	0	0	%100
70	M66A	Z	0	0	0	%100
71	M67A	X	0	0	0	%100
72	M67A	Z	-4.611	-4.611	0	%100
73	M69A	X	0	0	0	%100
74	M69A	Z	-4.778	-4.778	0	%100
75	M71B	X	0	0	0	%100
76	M71B	Z	0	0	0	%100
77	M72A	X	0	0	0	%100
78	M72A	Z	-4.611	-4.611	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	-4.778	-4.778	0	%100
81	M76	X	0	0	0	%100
82	M76	Z	0	0	0	%100
83	M77	X	0	0	0	%100
84	M77	Z	-8.074	-8.074	0	%100
85	M89A	X	0	0	0	%100
86	M89A	Z	-5.861	-5.861	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-7.167	-7.167	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-7.167	-7.167	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,%]
91	MP3C	X	0	0	0	%100
92	MP3C	Z	-7.167	-7.167	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-7.167	-7.167	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-7.167	-7.167	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-7.167	-7.167	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-7.167	-7.167	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-7.167	-7.167	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-7.167	-7.167	0	%100
105	M94	X	0	0	0	%100
106	M94	Z	-8.676	-8.676	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	-2.169	-2.169	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	-2.169	-2.169	0	%100
111	M107	X	0	0	0	%100
112	M107	Z	-2.809	-2.809	0	%100
113	M108	X	0	0	0	%100
114	M108	Z	-2.809	-2.809	0	%100
115	M109	X	0	0	0	%100
116	M109	Z	-11.237	-11.237	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	M20	X	3.961	3.961	0	%100
2	M20	Z	-6.861	-6.861	0	%100
3	M41A	X	3.411	3.411	0	%100
4	M41A	Z	-5.908	-5.908	0	%100
5	M42_1	X	3.411	3.411	0	%100
6	M42_1	Z	-5.908	-5.908	0	%100
7	M43A_1	X	6.79	6.79	0	%100
8	M43A_1	Z	-11.761	-11.761	0	%100
9	M46A	X	0	0	0	%100
10	M46A	Z	0	0	0	%100
11	M47	X	3.697	3.697	0	%100
12	M47	Z	-6.403	-6.403	0	%100
13	M64	X	2.277	2.277	0	%100
14	M64	Z	-3.944	-3.944	0	%100
15	M65	X	6.916	6.916	0	%100
16	M65	Z	-11.979	-11.979	0	%100
17	M71	X	7.167	7.167	0	%100
18	M71	Z	-12.414	-12.414	0	%100
19	M86	X	2.277	2.277	0	%100
20	M86	Z	-3.944	-3.944	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	0	0	0	%100
23	M90	X	0	0	0	%100
24	M90	Z	0	0	0	%100
25	M51A	X	0	0	0	%100
26	M51A	Z	0	0	0	%100
27	M52	X	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,%]
28	M52	Z	0	0	0	%100
29	M53A	X	0	0	0	%100
30	M53A	Z	0	0	0	%100
31	M56	X	3.696	3.696	0	%100
32	M56	Z	-6.402	-6.402	0	%100
33	M57	X	3.697	3.697	0	%100
34	M57	Z	-6.403	-6.403	0	%100
35	M62	X	9.109	9.109	0	%100
36	M62	Z	-15.778	-15.778	0	%100
37	M63	X	6.916	6.916	0	%100
38	M63	Z	-11.979	-11.979	0	%100
39	M65A	X	7.167	7.167	0	%100
40	M65A	Z	-12.414	-12.414	0	%100
41	M67	X	9.109	9.109	0	%100
42	M67	Z	-15.778	-15.778	0	%100
43	M68A	X	6.916	6.916	0	%100
44	M68A	Z	-11.979	-11.979	0	%100
45	M70	X	7.167	7.167	0	%100
46	M70	Z	-12.414	-12.414	0	%100
47	MP4A	X	3.584	3.584	0	%100
48	MP4A	Z	-6.207	-6.207	0	%100
49	MP3A	X	3.584	3.584	0	%100
50	MP3A	Z	-6.207	-6.207	0	%100
51	MP1A	X	3.584	3.584	0	%100
52	MP1A	Z	-6.207	-6.207	0	%100
53	M109A	X	5.383	5.383	0	%100
54	M109A	Z	-9.323	-9.323	0	%100
55	M53	X	3.961	3.961	0	%100
56	M53	Z	-6.861	-6.861	0	%100
57	M54A	X	0	0	0	%100
58	M54A	Z	0	0	0	%100
59	M55A	X	3.411	3.411	0	%100
60	M55A	Z	-5.908	-5.908	0	%100
61	M56A	X	3.411	3.411	0	%100
62	M56A	Z	-5.908	-5.908	0	%100
63	M57A	X	6.79	6.79	0	%100
64	M57A	Z	-11.761	-11.761	0	%100
65	M60A	X	3.696	3.696	0	%100
66	M60A	Z	-6.402	-6.402	0	%100
67	M61A	X	0	0	0	%100
68	M61A	Z	0	0	0	%100
69	M66A	X	2.277	2.277	0	%100
70	M66A	Z	-3.944	-3.944	0	%100
71	M67A	X	0	0	0	%100
72	M67A	Z	0	0	0	%100
73	M69A	X	0	0	0	%100
74	M69A	Z	0	0	0	%100
75	M71B	X	2.277	2.277	0	%100
76	M71B	Z	-3.944	-3.944	0	%100
77	M72A	X	6.916	6.916	0	%100
78	M72A	Z	-11.979	-11.979	0	%100
79	M74	X	7.167	7.167	0	%100
80	M74	Z	-12.414	-12.414	0	%100
81	M76	X	1.346	1.346	0	%100
82	M76	Z	-2.331	-2.331	0	%100
83	M77	X	1.346	1.346	0	%100
84	M77	Z	-2.331	-2.331	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,%]
85	M89A	X	2.931	2.931	0	%100
86	M89A	Z	-5.076	-5.076	0	%100
87	MP2A	X	3.584	3.584	0	%100
88	MP2A	Z	-6.207	-6.207	0	%100
89	MP4C	X	3.584	3.584	0	%100
90	MP4C	Z	-6.207	-6.207	0	%100
91	MP3C	X	3.584	3.584	0	%100
92	MP3C	Z	-6.207	-6.207	0	%100
93	MP1C	X	3.584	3.584	0	%100
94	MP1C	Z	-6.207	-6.207	0	%100
95	MP2C	X	3.584	3.584	0	%100
96	MP2C	Z	-6.207	-6.207	0	%100
97	MP4B	X	3.584	3.584	0	%100
98	MP4B	Z	-6.207	-6.207	0	%100
99	MP3B	X	3.584	3.584	0	%100
100	MP3B	Z	-6.207	-6.207	0	%100
101	MP1B	X	3.584	3.584	0	%100
102	MP1B	Z	-6.207	-6.207	0	%100
103	MP2B	X	3.584	3.584	0	%100
104	MP2B	Z	-6.207	-6.207	0	%100
105	M94	X	3.254	3.254	0	%100
106	M94	Z	-5.635	-5.635	0	%100
107	M101	X	3.254	3.254	0	%100
108	M101	Z	-5.635	-5.635	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M107	X	4.214	4.214	0	%100
112	M107	Z	-7.299	-7.299	0	%100
113	M108	X	0	0	0	%100
114	M108	Z	0	0	0	%100
115	M109	X	4.214	4.214	0	%100
116	M109	Z	-7.299	-7.299	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	M20	X	2.287	2.287	0	%100
2	M20	Z	-1.32	-1.32	0	%100
3	M41A	X	7.878	7.878	0	%100
4	M41A	Z	-4.548	-4.548	0	%100
5	M42_1	X	7.878	7.878	0	%100
6	M42_1	Z	-4.548	-4.548	0	%100
7	M43A_1	X	15.681	15.681	0	%100
8	M43A_1	Z	-9.054	-9.054	0	%100
9	M46A	X	2.134	2.134	0	%100
10	M46A	Z	-1.232	-1.232	0	%100
11	M47	X	2.134	2.134	0	%100
12	M47	Z	-1.232	-1.232	0	%100
13	M64	X	0	0	0	%100
14	M64	Z	0	0	0	%100
15	M65	X	3.993	3.993	0	%100
16	M65	Z	-2.305	-2.305	0	%100
17	M71	X	4.138	4.138	0	%100
18	M71	Z	-2.389	-2.389	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	3.993	3.993	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,%]
22	M87	Z	-2.305	-2.305	0	%100
23	M90	X	4.138	4.138	0	%100
24	M90	Z	-2.389	-2.389	0	%100
25	M51A	X	1.969	1.969	0	%100
26	M51A	Z	-1.137	-1.137	0	%100
27	M52	X	1.969	1.969	0	%100
28	M52	Z	-1.137	-1.137	0	%100
29	M53A	X	3.92	3.92	0	%100
30	M53A	Z	-2.263	-2.263	0	%100
31	M56	X	2.134	2.134	0	%100
32	M56	Z	-1.232	-1.232	0	%100
33	M57	X	8.538	8.538	0	%100
34	M57	Z	-4.929	-4.929	0	%100
35	M62	X	11.833	11.833	0	%100
36	M62	Z	-6.832	-6.832	0	%100
37	M63	X	15.972	15.972	0	%100
38	M63	Z	-9.221	-9.221	0	%100
39	M65A	X	16.552	16.552	0	%100
40	M65A	Z	-9.557	-9.557	0	%100
41	M67	X	11.833	11.833	0	%100
42	M67	Z	-6.832	-6.832	0	%100
43	M68A	X	3.993	3.993	0	%100
44	M68A	Z	-2.305	-2.305	0	%100
45	M70	X	4.138	4.138	0	%100
46	M70	Z	-2.389	-2.389	0	%100
47	MP4A	X	6.207	6.207	0	%100
48	MP4A	Z	-3.584	-3.584	0	%100
49	MP3A	X	6.207	6.207	0	%100
50	MP3A	Z	-3.584	-3.584	0	%100
51	MP1A	X	6.207	6.207	0	%100
52	MP1A	Z	-3.584	-3.584	0	%100
53	M109A	X	6.992	6.992	0	%100
54	M109A	Z	-4.037	-4.037	0	%100
55	M53	X	9.147	9.147	0	%100
56	M53	Z	-5.281	-5.281	0	%100
57	M54A	X	2.287	2.287	0	%100
58	M54A	Z	-1.32	-1.32	0	%100
59	M55A	X	1.969	1.969	0	%100
60	M55A	Z	-1.137	-1.137	0	%100
61	M56A	X	1.969	1.969	0	%100
62	M56A	Z	-1.137	-1.137	0	%100
63	M57A	X	3.92	3.92	0	%100
64	M57A	Z	-2.263	-2.263	0	%100
65	M60A	X	8.536	8.536	0	%100
66	M60A	Z	-4.928	-4.928	0	%100
67	M61A	X	2.134	2.134	0	%100
68	M61A	Z	-1.232	-1.232	0	%100
69	M66A	X	11.833	11.833	0	%100
70	M66A	Z	-6.832	-6.832	0	%100
71	M67A	X	3.993	3.993	0	%100
72	M67A	Z	-2.305	-2.305	0	%100
73	M69A	X	4.138	4.138	0	%100
74	M69A	Z	-2.389	-2.389	0	%100
75	M71B	X	11.833	11.833	0	%100
76	M71B	Z	-6.832	-6.832	0	%100
77	M72A	X	15.972	15.972	0	%100
78	M72A	Z	-9.221	-9.221	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,%]
79	M74	X	16.552	16.552	0	%100
80	M74	Z	-9.557	-9.557	0	%100
81	M76	X	6.992	6.992	0	%100
82	M76	Z	-4.037	-4.037	0	%100
83	M77	X	0	0	0	%100
84	M77	Z	0	0	0	%100
85	M89A	X	5.076	5.076	0	%100
86	M89A	Z	-2.931	-2.931	0	%100
87	MP2A	X	6.207	6.207	0	%100
88	MP2A	Z	-3.584	-3.584	0	%100
89	MP4C	X	6.207	6.207	0	%100
90	MP4C	Z	-3.584	-3.584	0	%100
91	MP3C	X	6.207	6.207	0	%100
92	MP3C	Z	-3.584	-3.584	0	%100
93	MP1C	X	6.207	6.207	0	%100
94	MP1C	Z	-3.584	-3.584	0	%100
95	MP2C	X	6.207	6.207	0	%100
96	MP2C	Z	-3.584	-3.584	0	%100
97	MP4B	X	6.207	6.207	0	%100
98	MP4B	Z	-3.584	-3.584	0	%100
99	MP3B	X	6.207	6.207	0	%100
100	MP3B	Z	-3.584	-3.584	0	%100
101	MP1B	X	6.207	6.207	0	%100
102	MP1B	Z	-3.584	-3.584	0	%100
103	MP2B	X	6.207	6.207	0	%100
104	MP2B	Z	-3.584	-3.584	0	%100
105	M94	X	1.878	1.878	0	%100
106	M94	Z	-1.085	-1.085	0	%100
107	M101	X	7.514	7.514	0	%100
108	M101	Z	-4.338	-4.338	0	%100
109	M104	X	1.878	1.878	0	%100
110	M104	Z	-1.085	-1.085	0	%100
111	M107	X	9.732	9.732	0	%100
112	M107	Z	-5.619	-5.619	0	%100
113	M108	X	2.433	2.433	0	%100
114	M108	Z	-1.405	-1.405	0	%100
115	M109	X	2.433	2.433	0	%100
116	M109	Z	-1.405	-1.405	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M41A	X	6.822	6.822	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	6.822	6.822	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	13.58	13.58	0	%100
8	M43A_1	Z	0	0	0	%100
9	M46A	X	7.393	7.393	0	%100
10	M46A	Z	0	0	0	%100
11	M47	X	0	0	0	%100
12	M47	Z	0	0	0	%100
13	M64	X	4.555	4.555	0	%100
14	M64	Z	0	0	0	%100
15	M65	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M65	Z	0	0	0	%100
17	M71	X	0	0	0	%100
18	M71	Z	0	0	0	%100
19	M86	X	4.555	4.555	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	13.832	13.832	0	%100
22	M87	Z	0	0	0	%100
23	M90	X	14.335	14.335	0	%100
24	M90	Z	0	0	0	%100
25	M51A	X	6.822	6.822	0	%100
26	M51A	Z	0	0	0	%100
27	M52	X	6.822	6.822	0	%100
28	M52	Z	0	0	0	%100
29	M53A	X	13.58	13.58	0	%100
30	M53A	Z	0	0	0	%100
31	M56	X	0	0	0	%100
32	M56	Z	0	0	0	%100
33	M57	X	7.394	7.394	0	%100
34	M57	Z	0	0	0	%100
35	M62	X	4.555	4.555	0	%100
36	M62	Z	0	0	0	%100
37	M63	X	13.832	13.832	0	%100
38	M63	Z	0	0	0	%100
39	M65A	X	14.335	14.335	0	%100
40	M65A	Z	0	0	0	%100
41	M67	X	4.555	4.555	0	%100
42	M67	Z	0	0	0	%100
43	M68A	X	0	0	0	%100
44	M68A	Z	0	0	0	%100
45	M70	X	0	0	0	%100
46	M70	Z	0	0	0	%100
47	MP4A	X	7.167	7.167	0	%100
48	MP4A	Z	0	0	0	%100
49	MP3A	X	7.167	7.167	0	%100
50	MP3A	Z	0	0	0	%100
51	MP1A	X	7.167	7.167	0	%100
52	MP1A	Z	0	0	0	%100
53	M109A	X	2.691	2.691	0	%100
54	M109A	Z	0	0	0	%100
55	M53	X	7.922	7.922	0	%100
56	M53	Z	0	0	0	%100
57	M54A	X	7.922	7.922	0	%100
58	M54A	Z	0	0	0	%100
59	M55A	X	0	0	0	%100
60	M55A	Z	0	0	0	%100
61	M56A	X	0	0	0	%100
62	M56A	Z	0	0	0	%100
63	M57A	X	0	0	0	%100
64	M57A	Z	0	0	0	%100
65	M60A	X	7.393	7.393	0	%100
66	M60A	Z	0	0	0	%100
67	M61A	X	7.394	7.394	0	%100
68	M61A	Z	0	0	0	%100
69	M66A	X	18.219	18.219	0	%100
70	M66A	Z	0	0	0	%100
71	M67A	X	13.832	13.832	0	%100
72	M67A	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,%]
73	M69A	X	14.335	14.335	0	%100
74	M69A	Z	0	0	0	%100
75	M71B	X	18.219	18.219	0	%100
76	M71B	Z	0	0	0	%100
77	M72A	X	13.832	13.832	0	%100
78	M72A	Z	0	0	0	%100
79	M74	X	14.335	14.335	0	%100
80	M74	Z	0	0	0	%100
81	M76	X	10.765	10.765	0	%100
82	M76	Z	0	0	0	%100
83	M77	X	2.691	2.691	0	%100
84	M77	Z	0	0	0	%100
85	M89A	X	5.861	5.861	0	%100
86	M89A	Z	0	0	0	%100
87	MP2A	X	7.167	7.167	0	%100
88	MP2A	Z	0	0	0	%100
89	MP4C	X	7.167	7.167	0	%100
90	MP4C	Z	0	0	0	%100
91	MP3C	X	7.167	7.167	0	%100
92	MP3C	Z	0	0	0	%100
93	MP1C	X	7.167	7.167	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	7.167	7.167	0	%100
96	MP2C	Z	0	0	0	%100
97	MP4B	X	7.167	7.167	0	%100
98	MP4B	Z	0	0	0	%100
99	MP3B	X	7.167	7.167	0	%100
100	MP3B	Z	0	0	0	%100
101	MP1B	X	7.167	7.167	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	7.167	7.167	0	%100
104	MP2B	Z	0	0	0	%100
105	M94	X	0	0	0	%100
106	M94	Z	0	0	0	%100
107	M101	X	6.507	6.507	0	%100
108	M101	Z	0	0	0	%100
109	M104	X	6.507	6.507	0	%100
110	M104	Z	0	0	0	%100
111	M107	X	8.428	8.428	0	%100
112	M107	Z	0	0	0	%100
113	M108	X	8.428	8.428	0	%100
114	M108	Z	0	0	0	%100
115	M109	X	0	0	0	%100
116	M109	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	2.287	2.287	0	%100
2	M20	Z	1.32	1.32	0	%100
3	M41A	X	1.969	1.969	0	%100
4	M41A	Z	1.137	1.137	0	%100
5	M42_1	X	1.969	1.969	0	%100
6	M42_1	Z	1.137	1.137	0	%100
7	M43A_1	X	3.92	3.92	0	%100
8	M43A_1	Z	2.263	2.263	0	%100
9	M46A	X	8.536	8.536	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,%]
10	M46A	Z	4.928	4.928	0	%100
11	M47	X	2.134	2.134	0	%100
12	M47	Z	1.232	1.232	0	%100
13	M64	X	11.833	11.833	0	%100
14	M64	Z	6.832	6.832	0	%100
15	M65	X	3.993	3.993	0	%100
16	M65	Z	2.305	2.305	0	%100
17	M71	X	4.138	4.138	0	%100
18	M71	Z	2.389	2.389	0	%100
19	M86	X	11.833	11.833	0	%100
20	M86	Z	6.832	6.832	0	%100
21	M87	X	15.972	15.972	0	%100
22	M87	Z	9.221	9.221	0	%100
23	M90	X	16.552	16.552	0	%100
24	M90	Z	9.557	9.557	0	%100
25	M51A	X	7.878	7.878	0	%100
26	M51A	Z	4.548	4.548	0	%100
27	M52	X	7.878	7.878	0	%100
28	M52	Z	4.548	4.548	0	%100
29	M53A	X	15.681	15.681	0	%100
30	M53A	Z	9.054	9.054	0	%100
31	M56	X	2.134	2.134	0	%100
32	M56	Z	1.232	1.232	0	%100
33	M57	X	2.134	2.134	0	%100
34	M57	Z	1.232	1.232	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	0	0	0	%100
37	M63	X	3.993	3.993	0	%100
38	M63	Z	2.305	2.305	0	%100
39	M65A	X	4.138	4.138	0	%100
40	M65A	Z	2.389	2.389	0	%100
41	M67	X	0	0	0	%100
42	M67	Z	0	0	0	%100
43	M68A	X	3.993	3.993	0	%100
44	M68A	Z	2.305	2.305	0	%100
45	M70	X	4.138	4.138	0	%100
46	M70	Z	2.389	2.389	0	%100
47	MP4A	X	6.207	6.207	0	%100
48	MP4A	Z	3.584	3.584	0	%100
49	MP3A	X	6.207	6.207	0	%100
50	MP3A	Z	3.584	3.584	0	%100
51	MP1A	X	6.207	6.207	0	%100
52	MP1A	Z	3.584	3.584	0	%100
53	M109A	X	0	0	0	%100
54	M109A	Z	0	0	0	%100
55	M53	X	2.287	2.287	0	%100
56	M53	Z	1.32	1.32	0	%100
57	M54A	X	9.147	9.147	0	%100
58	M54A	Z	5.281	5.281	0	%100
59	M55A	X	1.969	1.969	0	%100
60	M55A	Z	1.137	1.137	0	%100
61	M56A	X	1.969	1.969	0	%100
62	M56A	Z	1.137	1.137	0	%100
63	M57A	X	3.92	3.92	0	%100
64	M57A	Z	2.263	2.263	0	%100
65	M60A	X	2.134	2.134	0	%100
66	M60A	Z	1.232	1.232	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,%]
67	M61A	X	8.538	8.538	0	%100
68	M61A	Z	4.929	4.929	0	%100
69	M66A	X	11.833	11.833	0	%100
70	M66A	Z	6.832	6.832	0	%100
71	M67A	X	15.972	15.972	0	%100
72	M67A	Z	9.221	9.221	0	%100
73	M69A	X	16.552	16.552	0	%100
74	M69A	Z	9.557	9.557	0	%100
75	M71B	X	11.833	11.833	0	%100
76	M71B	Z	6.832	6.832	0	%100
77	M72A	X	3.993	3.993	0	%100
78	M72A	Z	2.305	2.305	0	%100
79	M74	X	4.138	4.138	0	%100
80	M74	Z	2.389	2.389	0	%100
81	M76	X	6.992	6.992	0	%100
82	M76	Z	4.037	4.037	0	%100
83	M77	X	6.992	6.992	0	%100
84	M77	Z	4.037	4.037	0	%100
85	M89A	X	5.076	5.076	0	%100
86	M89A	Z	2.931	2.931	0	%100
87	MP2A	X	6.207	6.207	0	%100
88	MP2A	Z	3.584	3.584	0	%100
89	MP4C	X	6.207	6.207	0	%100
90	MP4C	Z	3.584	3.584	0	%100
91	MP3C	X	6.207	6.207	0	%100
92	MP3C	Z	3.584	3.584	0	%100
93	MP1C	X	6.207	6.207	0	%100
94	MP1C	Z	3.584	3.584	0	%100
95	MP2C	X	6.207	6.207	0	%100
96	MP2C	Z	3.584	3.584	0	%100
97	MP4B	X	6.207	6.207	0	%100
98	MP4B	Z	3.584	3.584	0	%100
99	MP3B	X	6.207	6.207	0	%100
100	MP3B	Z	3.584	3.584	0	%100
101	MP1B	X	6.207	6.207	0	%100
102	MP1B	Z	3.584	3.584	0	%100
103	MP2B	X	6.207	6.207	0	%100
104	MP2B	Z	3.584	3.584	0	%100
105	M94	X	1.878	1.878	0	%100
106	M94	Z	1.085	1.085	0	%100
107	M101	X	1.878	1.878	0	%100
108	M101	Z	1.085	1.085	0	%100
109	M104	X	7.514	7.514	0	%100
110	M104	Z	4.338	4.338	0	%100
111	M107	X	2.433	2.433	0	%100
112	M107	Z	1.405	1.405	0	%100
113	M108	X	9.732	9.732	0	%100
114	M108	Z	5.619	5.619	0	%100
115	M109	X	2.433	2.433	0	%100
116	M109	Z	1.405	1.405	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	M20	X	3.961	3.961	0	%100
2	M20	Z	6.861	6.861	0	%100
3	M41A	X	0	0	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,%]
4	M41A	Z	0	0	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	0	0	0	%100
9	M46A	X	3.696	3.696	0	%100
10	M46A	Z	6.402	6.402	0	%100
11	M47	X	3.697	3.697	0	%100
12	M47	Z	6.403	6.403	0	%100
13	M64	X	9.109	9.109	0	%100
14	M64	Z	15.778	15.778	0	%100
15	M65	X	6.916	6.916	0	%100
16	M65	Z	11.979	11.979	0	%100
17	M71	X	7.167	7.167	0	%100
18	M71	Z	12.414	12.414	0	%100
19	M86	X	9.109	9.109	0	%100
20	M86	Z	15.778	15.778	0	%100
21	M87	X	6.916	6.916	0	%100
22	M87	Z	11.979	11.979	0	%100
23	M90	X	7.167	7.167	0	%100
24	M90	Z	12.414	12.414	0	%100
25	M51A	X	3.411	3.411	0	%100
26	M51A	Z	5.908	5.908	0	%100
27	M52	X	3.411	3.411	0	%100
28	M52	Z	5.908	5.908	0	%100
29	M53A	X	6.79	6.79	0	%100
30	M53A	Z	11.761	11.761	0	%100
31	M56	X	3.696	3.696	0	%100
32	M56	Z	6.402	6.402	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	0	0	0	%100
35	M62	X	2.277	2.277	0	%100
36	M62	Z	3.944	3.944	0	%100
37	M63	X	0	0	0	%100
38	M63	Z	0	0	0	%100
39	M65A	X	0	0	0	%100
40	M65A	Z	0	0	0	%100
41	M67	X	2.277	2.277	0	%100
42	M67	Z	3.944	3.944	0	%100
43	M68A	X	6.916	6.916	0	%100
44	M68A	Z	11.979	11.979	0	%100
45	M70	X	7.167	7.167	0	%100
46	M70	Z	12.414	12.414	0	%100
47	MP4A	X	3.584	3.584	0	%100
48	MP4A	Z	6.207	6.207	0	%100
49	MP3A	X	3.584	3.584	0	%100
50	MP3A	Z	6.207	6.207	0	%100
51	MP1A	X	3.584	3.584	0	%100
52	MP1A	Z	6.207	6.207	0	%100
53	M109A	X	1.346	1.346	0	%100
54	M109A	Z	2.331	2.331	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	0	0	0	%100
57	M54A	X	3.961	3.961	0	%100
58	M54A	Z	6.861	6.861	0	%100
59	M55A	X	3.411	3.411	0	%100
60	M55A	Z	5.908	5.908	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,%]
61	M56A	X	3.411	3.411	0	%100
62	M56A	Z	5.908	5.908	0	%100
63	M57A	X	6.79	6.79	0	%100
64	M57A	Z	11.761	11.761	0	%100
65	M60A	X	0	0	0	%100
66	M60A	Z	0	0	0	%100
67	M61A	X	3.697	3.697	0	%100
68	M61A	Z	6.403	6.403	0	%100
69	M66A	X	2.277	2.277	0	%100
70	M66A	Z	3.944	3.944	0	%100
71	M67A	X	6.916	6.916	0	%100
72	M67A	Z	11.979	11.979	0	%100
73	M69A	X	7.167	7.167	0	%100
74	M69A	Z	12.414	12.414	0	%100
75	M71B	X	2.277	2.277	0	%100
76	M71B	Z	3.944	3.944	0	%100
77	M72A	X	0	0	0	%100
78	M72A	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M76	X	1.346	1.346	0	%100
82	M76	Z	2.331	2.331	0	%100
83	M77	X	5.383	5.383	0	%100
84	M77	Z	9.323	9.323	0	%100
85	M89A	X	2.931	2.931	0	%100
86	M89A	Z	5.076	5.076	0	%100
87	MP2A	X	3.584	3.584	0	%100
88	MP2A	Z	6.207	6.207	0	%100
89	MP4C	X	3.584	3.584	0	%100
90	MP4C	Z	6.207	6.207	0	%100
91	MP3C	X	3.584	3.584	0	%100
92	MP3C	Z	6.207	6.207	0	%100
93	MP1C	X	3.584	3.584	0	%100
94	MP1C	Z	6.207	6.207	0	%100
95	MP2C	X	3.584	3.584	0	%100
96	MP2C	Z	6.207	6.207	0	%100
97	MP4B	X	3.584	3.584	0	%100
98	MP4B	Z	6.207	6.207	0	%100
99	MP3B	X	3.584	3.584	0	%100
100	MP3B	Z	6.207	6.207	0	%100
101	MP1B	X	3.584	3.584	0	%100
102	MP1B	Z	6.207	6.207	0	%100
103	MP2B	X	3.584	3.584	0	%100
104	MP2B	Z	6.207	6.207	0	%100
105	M94	X	3.254	3.254	0	%100
106	M94	Z	5.635	5.635	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M104	X	3.254	3.254	0	%100
110	M104	Z	5.635	5.635	0	%100
111	M107	X	0	0	0	%100
112	M107	Z	0	0	0	%100
113	M108	X	4.214	4.214	0	%100
114	M108	Z	7.299	7.299	0	%100
115	M109	X	4.214	4.214	0	%100
116	M109	Z	7.299	7.299	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	M20	X	0	0	0	%100
2	M20	Z	10.562	10.562	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	2.274	2.274	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	2.274	2.274	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	4.527	4.527	0	%100
9	M46A	X	0	0	0	%100
10	M46A	Z	2.464	2.464	0	%100
11	M47	X	0	0	0	%100
12	M47	Z	9.858	9.858	0	%100
13	M64	X	0	0	0	%100
14	M64	Z	13.664	13.664	0	%100
15	M65	X	0	0	0	%100
16	M65	Z	18.442	18.442	0	%100
17	M71	X	0	0	0	%100
18	M71	Z	19.113	19.113	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	13.664	13.664	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	4.611	4.611	0	%100
23	M90	X	0	0	0	%100
24	M90	Z	4.778	4.778	0	%100
25	M51A	X	0	0	0	%100
26	M51A	Z	2.274	2.274	0	%100
27	M52	X	0	0	0	%100
28	M52	Z	2.274	2.274	0	%100
29	M53A	X	0	0	0	%100
30	M53A	Z	4.527	4.527	0	%100
31	M56	X	0	0	0	%100
32	M56	Z	9.857	9.857	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	2.465	2.465	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	13.664	13.664	0	%100
37	M63	X	0	0	0	%100
38	M63	Z	4.611	4.611	0	%100
39	M65A	X	0	0	0	%100
40	M65A	Z	4.778	4.778	0	%100
41	M67	X	0	0	0	%100
42	M67	Z	13.664	13.664	0	%100
43	M68A	X	0	0	0	%100
44	M68A	Z	18.442	18.442	0	%100
45	M70	X	0	0	0	%100
46	M70	Z	19.113	19.113	0	%100
47	MP4A	X	0	0	0	%100
48	MP4A	Z	7.167	7.167	0	%100
49	MP3A	X	0	0	0	%100
50	MP3A	Z	7.167	7.167	0	%100
51	MP1A	X	0	0	0	%100
52	MP1A	Z	7.167	7.167	0	%100
53	M109A	X	0	0	0	%100
54	M109A	Z	8.074	8.074	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	2.641	2.641	0	%100
57	M54A	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,%]
58	M54A	Z	2.641	2.641	0	%100
59	M55A	X	0	0	0	%100
60	M55A	Z	9.096	9.096	0	%100
61	M56A	X	0	0	0	%100
62	M56A	Z	9.096	9.096	0	%100
63	M57A	X	0	0	0	%100
64	M57A	Z	18.107	18.107	0	%100
65	M60A	X	0	0	0	%100
66	M60A	Z	2.464	2.464	0	%100
67	M61A	X	0	0	0	%100
68	M61A	Z	2.465	2.465	0	%100
69	M66A	X	0	0	0	%100
70	M66A	Z	0	0	0	%100
71	M67A	X	0	0	0	%100
72	M67A	Z	4.611	4.611	0	%100
73	M69A	X	0	0	0	%100
74	M69A	Z	4.778	4.778	0	%100
75	M71B	X	0	0	0	%100
76	M71B	Z	0	0	0	%100
77	M72A	X	0	0	0	%100
78	M72A	Z	4.611	4.611	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	4.778	4.778	0	%100
81	M76	X	0	0	0	%100
82	M76	Z	0	0	0	%100
83	M77	X	0	0	0	%100
84	M77	Z	8.074	8.074	0	%100
85	M89A	X	0	0	0	%100
86	M89A	Z	5.861	5.861	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	7.167	7.167	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	7.167	7.167	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	7.167	7.167	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	7.167	7.167	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	7.167	7.167	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	7.167	7.167	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	7.167	7.167	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	7.167	7.167	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	7.167	7.167	0	%100
105	M94	X	0	0	0	%100
106	M94	Z	8.676	8.676	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	2.169	2.169	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	2.169	2.169	0	%100
111	M107	X	0	0	0	%100
112	M107	Z	2.809	2.809	0	%100
113	M108	X	0	0	0	%100
114	M108	Z	2.809	2.809	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,%]
115	M109	X	0	0	0	%100
116	M109	Z	11.237	11.237	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	M20	X	-3.961	-3.961	0	%100
2	M20	Z	6.861	6.861	0	%100
3	M41A	X	-3.411	-3.411	0	%100
4	M41A	Z	5.908	5.908	0	%100
5	M42_1	X	-3.411	-3.411	0	%100
6	M42_1	Z	5.908	5.908	0	%100
7	M43A_1	X	-6.79	-6.79	0	%100
8	M43A_1	Z	11.761	11.761	0	%100
9	M46A	X	0	0	0	%100
10	M46A	Z	0	0	0	%100
11	M47	X	-3.697	-3.697	0	%100
12	M47	Z	6.403	6.403	0	%100
13	M64	X	-2.277	-2.277	0	%100
14	M64	Z	3.944	3.944	0	%100
15	M65	X	-6.916	-6.916	0	%100
16	M65	Z	11.979	11.979	0	%100
17	M71	X	-7.167	-7.167	0	%100
18	M71	Z	12.414	12.414	0	%100
19	M86	X	-2.277	-2.277	0	%100
20	M86	Z	3.944	3.944	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	0	0	0	%100
23	M90	X	0	0	0	%100
24	M90	Z	0	0	0	%100
25	M51A	X	0	0	0	%100
26	M51A	Z	0	0	0	%100
27	M52	X	0	0	0	%100
28	M52	Z	0	0	0	%100
29	M53A	X	0	0	0	%100
30	M53A	Z	0	0	0	%100
31	M56	X	-3.696	-3.696	0	%100
32	M56	Z	6.402	6.402	0	%100
33	M57	X	-3.697	-3.697	0	%100
34	M57	Z	6.403	6.403	0	%100
35	M62	X	-9.109	-9.109	0	%100
36	M62	Z	15.778	15.778	0	%100
37	M63	X	-6.916	-6.916	0	%100
38	M63	Z	11.979	11.979	0	%100
39	M65A	X	-7.167	-7.167	0	%100
40	M65A	Z	12.414	12.414	0	%100
41	M67	X	-9.109	-9.109	0	%100
42	M67	Z	15.778	15.778	0	%100
43	M68A	X	-6.916	-6.916	0	%100
44	M68A	Z	11.979	11.979	0	%100
45	M70	X	-7.167	-7.167	0	%100
46	M70	Z	12.414	12.414	0	%100
47	MP4A	X	-3.584	-3.584	0	%100
48	MP4A	Z	6.207	6.207	0	%100
49	MP3A	X	-3.584	-3.584	0	%100
50	MP3A	Z	6.207	6.207	0	%100
51	MP1A	X	-3.584	-3.584	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,%]
52	MP1A	Z	6.207	6.207	0	%100
53	M109A	X	-5.383	-5.383	0	%100
54	M109A	Z	9.323	9.323	0	%100
55	M53	X	-3.961	-3.961	0	%100
56	M53	Z	6.861	6.861	0	%100
57	M54A	X	0	0	0	%100
58	M54A	Z	0	0	0	%100
59	M55A	X	-3.411	-3.411	0	%100
60	M55A	Z	5.908	5.908	0	%100
61	M56A	X	-3.411	-3.411	0	%100
62	M56A	Z	5.908	5.908	0	%100
63	M57A	X	-6.79	-6.79	0	%100
64	M57A	Z	11.761	11.761	0	%100
65	M60A	X	-3.696	-3.696	0	%100
66	M60A	Z	6.402	6.402	0	%100
67	M61A	X	0	0	0	%100
68	M61A	Z	0	0	0	%100
69	M66A	X	-2.277	-2.277	0	%100
70	M66A	Z	3.944	3.944	0	%100
71	M67A	X	0	0	0	%100
72	M67A	Z	0	0	0	%100
73	M69A	X	0	0	0	%100
74	M69A	Z	0	0	0	%100
75	M71B	X	-2.277	-2.277	0	%100
76	M71B	Z	3.944	3.944	0	%100
77	M72A	X	-6.916	-6.916	0	%100
78	M72A	Z	11.979	11.979	0	%100
79	M74	X	-7.167	-7.167	0	%100
80	M74	Z	12.414	12.414	0	%100
81	M76	X	-1.346	-1.346	0	%100
82	M76	Z	2.331	2.331	0	%100
83	M77	X	-1.346	-1.346	0	%100
84	M77	Z	2.331	2.331	0	%100
85	M89A	X	-2.931	-2.931	0	%100
86	M89A	Z	5.076	5.076	0	%100
87	MP2A	X	-3.584	-3.584	0	%100
88	MP2A	Z	6.207	6.207	0	%100
89	MP4C	X	-3.584	-3.584	0	%100
90	MP4C	Z	6.207	6.207	0	%100
91	MP3C	X	-3.584	-3.584	0	%100
92	MP3C	Z	6.207	6.207	0	%100
93	MP1C	X	-3.584	-3.584	0	%100
94	MP1C	Z	6.207	6.207	0	%100
95	MP2C	X	-3.584	-3.584	0	%100
96	MP2C	Z	6.207	6.207	0	%100
97	MP4B	X	-3.584	-3.584	0	%100
98	MP4B	Z	6.207	6.207	0	%100
99	MP3B	X	-3.584	-3.584	0	%100
100	MP3B	Z	6.207	6.207	0	%100
101	MP1B	X	-3.584	-3.584	0	%100
102	MP1B	Z	6.207	6.207	0	%100
103	MP2B	X	-3.584	-3.584	0	%100
104	MP2B	Z	6.207	6.207	0	%100
105	M94	X	-3.254	-3.254	0	%100
106	M94	Z	5.635	5.635	0	%100
107	M101	X	-3.254	-3.254	0	%100
108	M101	Z	5.635	5.635	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,%]
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M107	X	-4.214	-4.214	0	%100
112	M107	Z	7.299	7.299	0	%100
113	M108	X	0	0	0	%100
114	M108	Z	0	0	0	%100
115	M109	X	-4.214	-4.214	0	%100
116	M109	Z	7.299	7.299	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	M20	X	-2.287	-2.287	0	%100
2	M20	Z	1.32	1.32	0	%100
3	M41A	X	-7.878	-7.878	0	%100
4	M41A	Z	4.548	4.548	0	%100
5	M42_1	X	-7.878	-7.878	0	%100
6	M42_1	Z	4.548	4.548	0	%100
7	M43A_1	X	-15.681	-15.681	0	%100
8	M43A_1	Z	9.054	9.054	0	%100
9	M46A	X	-2.134	-2.134	0	%100
10	M46A	Z	1.232	1.232	0	%100
11	M47	X	-2.134	-2.134	0	%100
12	M47	Z	1.232	1.232	0	%100
13	M64	X	0	0	0	%100
14	M64	Z	0	0	0	%100
15	M65	X	-3.993	-3.993	0	%100
16	M65	Z	2.305	2.305	0	%100
17	M71	X	-4.138	-4.138	0	%100
18	M71	Z	2.389	2.389	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	-3.993	-3.993	0	%100
22	M87	Z	2.305	2.305	0	%100
23	M90	X	-4.138	-4.138	0	%100
24	M90	Z	2.389	2.389	0	%100
25	M51A	X	-1.969	-1.969	0	%100
26	M51A	Z	1.137	1.137	0	%100
27	M52	X	-1.969	-1.969	0	%100
28	M52	Z	1.137	1.137	0	%100
29	M53A	X	-3.92	-3.92	0	%100
30	M53A	Z	2.263	2.263	0	%100
31	M56	X	-2.134	-2.134	0	%100
32	M56	Z	1.232	1.232	0	%100
33	M57	X	-8.538	-8.538	0	%100
34	M57	Z	4.929	4.929	0	%100
35	M62	X	-11.833	-11.833	0	%100
36	M62	Z	6.832	6.832	0	%100
37	M63	X	-15.972	-15.972	0	%100
38	M63	Z	9.221	9.221	0	%100
39	M65A	X	-16.552	-16.552	0	%100
40	M65A	Z	9.557	9.557	0	%100
41	M67	X	-11.833	-11.833	0	%100
42	M67	Z	6.832	6.832	0	%100
43	M68A	X	-3.993	-3.993	0	%100
44	M68A	Z	2.305	2.305	0	%100
45	M70	X	-4.138	-4.138	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,%]
46	M70	Z	2.389	2.389	0	%100
47	MP4A	X	-6.207	-6.207	0	%100
48	MP4A	Z	3.584	3.584	0	%100
49	MP3A	X	-6.207	-6.207	0	%100
50	MP3A	Z	3.584	3.584	0	%100
51	MP1A	X	-6.207	-6.207	0	%100
52	MP1A	Z	3.584	3.584	0	%100
53	M109A	X	-6.992	-6.992	0	%100
54	M109A	Z	4.037	4.037	0	%100
55	M53	X	-9.147	-9.147	0	%100
56	M53	Z	5.281	5.281	0	%100
57	M54A	X	-2.287	-2.287	0	%100
58	M54A	Z	1.32	1.32	0	%100
59	M55A	X	-1.969	-1.969	0	%100
60	M55A	Z	1.137	1.137	0	%100
61	M56A	X	-1.969	-1.969	0	%100
62	M56A	Z	1.137	1.137	0	%100
63	M57A	X	-3.92	-3.92	0	%100
64	M57A	Z	2.263	2.263	0	%100
65	M60A	X	-8.536	-8.536	0	%100
66	M60A	Z	4.928	4.928	0	%100
67	M61A	X	-2.134	-2.134	0	%100
68	M61A	Z	1.232	1.232	0	%100
69	M66A	X	-11.833	-11.833	0	%100
70	M66A	Z	6.832	6.832	0	%100
71	M67A	X	-3.993	-3.993	0	%100
72	M67A	Z	2.305	2.305	0	%100
73	M69A	X	-4.138	-4.138	0	%100
74	M69A	Z	2.389	2.389	0	%100
75	M71B	X	-11.833	-11.833	0	%100
76	M71B	Z	6.832	6.832	0	%100
77	M72A	X	-15.972	-15.972	0	%100
78	M72A	Z	9.221	9.221	0	%100
79	M74	X	-16.552	-16.552	0	%100
80	M74	Z	9.557	9.557	0	%100
81	M76	X	-6.992	-6.992	0	%100
82	M76	Z	4.037	4.037	0	%100
83	M77	X	0	0	0	%100
84	M77	Z	0	0	0	%100
85	M89A	X	-5.076	-5.076	0	%100
86	M89A	Z	2.931	2.931	0	%100
87	MP2A	X	-6.207	-6.207	0	%100
88	MP2A	Z	3.584	3.584	0	%100
89	MP4C	X	-6.207	-6.207	0	%100
90	MP4C	Z	3.584	3.584	0	%100
91	MP3C	X	-6.207	-6.207	0	%100
92	MP3C	Z	3.584	3.584	0	%100
93	MP1C	X	-6.207	-6.207	0	%100
94	MP1C	Z	3.584	3.584	0	%100
95	MP2C	X	-6.207	-6.207	0	%100
96	MP2C	Z	3.584	3.584	0	%100
97	MP4B	X	-6.207	-6.207	0	%100
98	MP4B	Z	3.584	3.584	0	%100
99	MP3B	X	-6.207	-6.207	0	%100
100	MP3B	Z	3.584	3.584	0	%100
101	MP1B	X	-6.207	-6.207	0	%100
102	MP1B	Z	3.584	3.584	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,%]
103	MP2B	X	-6.207	-6.207	0	%100
104	MP2B	Z	3.584	3.584	0	%100
105	M94	X	-1.878	-1.878	0	%100
106	M94	Z	1.085	1.085	0	%100
107	M101	X	-7.514	-7.514	0	%100
108	M101	Z	4.338	4.338	0	%100
109	M104	X	-1.878	-1.878	0	%100
110	M104	Z	1.085	1.085	0	%100
111	M107	X	-9.732	-9.732	0	%100
112	M107	Z	5.619	5.619	0	%100
113	M108	X	-2.433	-2.433	0	%100
114	M108	Z	1.405	1.405	0	%100
115	M109	X	-2.433	-2.433	0	%100
116	M109	Z	1.405	1.405	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M41A	X	-6.822	-6.822	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	-6.822	-6.822	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	-13.58	-13.58	0	%100
8	M43A_1	Z	0	0	0	%100
9	M46A	X	-7.393	-7.393	0	%100
10	M46A	Z	0	0	0	%100
11	M47	X	0	0	0	%100
12	M47	Z	0	0	0	%100
13	M64	X	-4.555	-4.555	0	%100
14	M64	Z	0	0	0	%100
15	M65	X	0	0	0	%100
16	M65	Z	0	0	0	%100
17	M71	X	0	0	0	%100
18	M71	Z	0	0	0	%100
19	M86	X	-4.555	-4.555	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	-13.832	-13.832	0	%100
22	M87	Z	0	0	0	%100
23	M90	X	-14.335	-14.335	0	%100
24	M90	Z	0	0	0	%100
25	M51A	X	-6.822	-6.822	0	%100
26	M51A	Z	0	0	0	%100
27	M52	X	-6.822	-6.822	0	%100
28	M52	Z	0	0	0	%100
29	M53A	X	-13.58	-13.58	0	%100
30	M53A	Z	0	0	0	%100
31	M56	X	0	0	0	%100
32	M56	Z	0	0	0	%100
33	M57	X	-7.394	-7.394	0	%100
34	M57	Z	0	0	0	%100
35	M62	X	-4.555	-4.555	0	%100
36	M62	Z	0	0	0	%100
37	M63	X	-13.832	-13.832	0	%100
38	M63	Z	0	0	0	%100
39	M65A	X	-14.335	-14.335	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,%]
40	M65A	Z	0	0	0	%100
41	M67	X	-4.555	-4.555	0	%100
42	M67	Z	0	0	0	%100
43	M68A	X	0	0	0	%100
44	M68A	Z	0	0	0	%100
45	M70	X	0	0	0	%100
46	M70	Z	0	0	0	%100
47	MP4A	X	-7.167	-7.167	0	%100
48	MP4A	Z	0	0	0	%100
49	MP3A	X	-7.167	-7.167	0	%100
50	MP3A	Z	0	0	0	%100
51	MP1A	X	-7.167	-7.167	0	%100
52	MP1A	Z	0	0	0	%100
53	M109A	X	-2.691	-2.691	0	%100
54	M109A	Z	0	0	0	%100
55	M53	X	-7.922	-7.922	0	%100
56	M53	Z	0	0	0	%100
57	M54A	X	-7.922	-7.922	0	%100
58	M54A	Z	0	0	0	%100
59	M55A	X	0	0	0	%100
60	M55A	Z	0	0	0	%100
61	M56A	X	0	0	0	%100
62	M56A	Z	0	0	0	%100
63	M57A	X	0	0	0	%100
64	M57A	Z	0	0	0	%100
65	M60A	X	-7.393	-7.393	0	%100
66	M60A	Z	0	0	0	%100
67	M61A	X	-7.394	-7.394	0	%100
68	M61A	Z	0	0	0	%100
69	M66A	X	-18.219	-18.219	0	%100
70	M66A	Z	0	0	0	%100
71	M67A	X	-13.832	-13.832	0	%100
72	M67A	Z	0	0	0	%100
73	M69A	X	-14.335	-14.335	0	%100
74	M69A	Z	0	0	0	%100
75	M71B	X	-18.219	-18.219	0	%100
76	M71B	Z	0	0	0	%100
77	M72A	X	-13.832	-13.832	0	%100
78	M72A	Z	0	0	0	%100
79	M74	X	-14.335	-14.335	0	%100
80	M74	Z	0	0	0	%100
81	M76	X	-10.765	-10.765	0	%100
82	M76	Z	0	0	0	%100
83	M77	X	-2.691	-2.691	0	%100
84	M77	Z	0	0	0	%100
85	M89A	X	-5.861	-5.861	0	%100
86	M89A	Z	0	0	0	%100
87	MP2A	X	-7.167	-7.167	0	%100
88	MP2A	Z	0	0	0	%100
89	MP4C	X	-7.167	-7.167	0	%100
90	MP4C	Z	0	0	0	%100
91	MP3C	X	-7.167	-7.167	0	%100
92	MP3C	Z	0	0	0	%100
93	MP1C	X	-7.167	-7.167	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	-7.167	-7.167	0	%100
96	MP2C	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,%]
97	MP4B	X	-7.167	-7.167	0	%100
98	MP4B	Z	0	0	0	%100
99	MP3B	X	-7.167	-7.167	0	%100
100	MP3B	Z	0	0	0	%100
101	MP1B	X	-7.167	-7.167	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	-7.167	-7.167	0	%100
104	MP2B	Z	0	0	0	%100
105	M94	X	0	0	0	%100
106	M94	Z	0	0	0	%100
107	M101	X	-6.507	-6.507	0	%100
108	M101	Z	0	0	0	%100
109	M104	X	-6.507	-6.507	0	%100
110	M104	Z	0	0	0	%100
111	M107	X	-8.428	-8.428	0	%100
112	M107	Z	0	0	0	%100
113	M108	X	-8.428	-8.428	0	%100
114	M108	Z	0	0	0	%100
115	M109	X	0	0	0	%100
116	M109	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	M20	X	-2.287	-2.287	0	%100
2	M20	Z	-1.32	-1.32	0	%100
3	M41A	X	-1.969	-1.969	0	%100
4	M41A	Z	-1.137	-1.137	0	%100
5	M42_1	X	-1.969	-1.969	0	%100
6	M42_1	Z	-1.137	-1.137	0	%100
7	M43A_1	X	-3.92	-3.92	0	%100
8	M43A_1	Z	-2.263	-2.263	0	%100
9	M46A	X	-8.536	-8.536	0	%100
10	M46A	Z	-4.928	-4.928	0	%100
11	M47	X	-2.134	-2.134	0	%100
12	M47	Z	-1.232	-1.232	0	%100
13	M64	X	-11.833	-11.833	0	%100
14	M64	Z	-6.832	-6.832	0	%100
15	M65	X	-3.993	-3.993	0	%100
16	M65	Z	-2.305	-2.305	0	%100
17	M71	X	-4.138	-4.138	0	%100
18	M71	Z	-2.389	-2.389	0	%100
19	M86	X	-11.833	-11.833	0	%100
20	M86	Z	-6.832	-6.832	0	%100
21	M87	X	-15.972	-15.972	0	%100
22	M87	Z	-9.221	-9.221	0	%100
23	M90	X	-16.552	-16.552	0	%100
24	M90	Z	-9.557	-9.557	0	%100
25	M51A	X	-7.878	-7.878	0	%100
26	M51A	Z	-4.548	-4.548	0	%100
27	M52	X	-7.878	-7.878	0	%100
28	M52	Z	-4.548	-4.548	0	%100
29	M53A	X	-15.681	-15.681	0	%100
30	M53A	Z	-9.054	-9.054	0	%100
31	M56	X	-2.134	-2.134	0	%100
32	M56	Z	-1.232	-1.232	0	%100
33	M57	X	-2.134	-2.134	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,%]
34	M57	Z	-1.232	-1.232	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	0	0	0	%100
37	M63	X	-3.993	-3.993	0	%100
38	M63	Z	-2.305	-2.305	0	%100
39	M65A	X	-4.138	-4.138	0	%100
40	M65A	Z	-2.389	-2.389	0	%100
41	M67	X	0	0	0	%100
42	M67	Z	0	0	0	%100
43	M68A	X	-3.993	-3.993	0	%100
44	M68A	Z	-2.305	-2.305	0	%100
45	M70	X	-4.138	-4.138	0	%100
46	M70	Z	-2.389	-2.389	0	%100
47	MP4A	X	-6.207	-6.207	0	%100
48	MP4A	Z	-3.584	-3.584	0	%100
49	MP3A	X	-6.207	-6.207	0	%100
50	MP3A	Z	-3.584	-3.584	0	%100
51	MP1A	X	-6.207	-6.207	0	%100
52	MP1A	Z	-3.584	-3.584	0	%100
53	M109A	X	0	0	0	%100
54	M109A	Z	0	0	0	%100
55	M53	X	-2.287	-2.287	0	%100
56	M53	Z	-1.32	-1.32	0	%100
57	M54A	X	-9.147	-9.147	0	%100
58	M54A	Z	-5.281	-5.281	0	%100
59	M55A	X	-1.969	-1.969	0	%100
60	M55A	Z	-1.137	-1.137	0	%100
61	M56A	X	-1.969	-1.969	0	%100
62	M56A	Z	-1.137	-1.137	0	%100
63	M57A	X	-3.92	-3.92	0	%100
64	M57A	Z	-2.263	-2.263	0	%100
65	M60A	X	-2.134	-2.134	0	%100
66	M60A	Z	-1.232	-1.232	0	%100
67	M61A	X	-8.538	-8.538	0	%100
68	M61A	Z	-4.929	-4.929	0	%100
69	M66A	X	-11.833	-11.833	0	%100
70	M66A	Z	-6.832	-6.832	0	%100
71	M67A	X	-15.972	-15.972	0	%100
72	M67A	Z	-9.221	-9.221	0	%100
73	M69A	X	-16.552	-16.552	0	%100
74	M69A	Z	-9.557	-9.557	0	%100
75	M71B	X	-11.833	-11.833	0	%100
76	M71B	Z	-6.832	-6.832	0	%100
77	M72A	X	-3.993	-3.993	0	%100
78	M72A	Z	-2.305	-2.305	0	%100
79	M74	X	-4.138	-4.138	0	%100
80	M74	Z	-2.389	-2.389	0	%100
81	M76	X	-6.992	-6.992	0	%100
82	M76	Z	-4.037	-4.037	0	%100
83	M77	X	-6.992	-6.992	0	%100
84	M77	Z	-4.037	-4.037	0	%100
85	M89A	X	-5.076	-5.076	0	%100
86	M89A	Z	-2.931	-2.931	0	%100
87	MP2A	X	-6.207	-6.207	0	%100
88	MP2A	Z	-3.584	-3.584	0	%100
89	MP4C	X	-6.207	-6.207	0	%100
90	MP4C	Z	-3.584	-3.584	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,%]
91	MP3C	X	-6.207	-6.207	0	%100
92	MP3C	Z	-3.584	-3.584	0	%100
93	MP1C	X	-6.207	-6.207	0	%100
94	MP1C	Z	-3.584	-3.584	0	%100
95	MP2C	X	-6.207	-6.207	0	%100
96	MP2C	Z	-3.584	-3.584	0	%100
97	MP4B	X	-6.207	-6.207	0	%100
98	MP4B	Z	-3.584	-3.584	0	%100
99	MP3B	X	-6.207	-6.207	0	%100
100	MP3B	Z	-3.584	-3.584	0	%100
101	MP1B	X	-6.207	-6.207	0	%100
102	MP1B	Z	-3.584	-3.584	0	%100
103	MP2B	X	-6.207	-6.207	0	%100
104	MP2B	Z	-3.584	-3.584	0	%100
105	M94	X	-1.878	-1.878	0	%100
106	M94	Z	-1.085	-1.085	0	%100
107	M101	X	-1.878	-1.878	0	%100
108	M101	Z	-1.085	-1.085	0	%100
109	M104	X	-7.514	-7.514	0	%100
110	M104	Z	-4.338	-4.338	0	%100
111	M107	X	-2.433	-2.433	0	%100
112	M107	Z	-1.405	-1.405	0	%100
113	M108	X	-9.732	-9.732	0	%100
114	M108	Z	-5.619	-5.619	0	%100
115	M109	X	-2.433	-2.433	0	%100
116	M109	Z	-1.405	-1.405	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	M20	X	-3.961	-3.961	0	%100
2	M20	Z	-6.861	-6.861	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	0	0	0	%100
9	M46A	X	-3.696	-3.696	0	%100
10	M46A	Z	-6.402	-6.402	0	%100
11	M47	X	-3.697	-3.697	0	%100
12	M47	Z	-6.403	-6.403	0	%100
13	M64	X	-9.109	-9.109	0	%100
14	M64	Z	-15.778	-15.778	0	%100
15	M65	X	-6.916	-6.916	0	%100
16	M65	Z	-11.979	-11.979	0	%100
17	M71	X	-7.167	-7.167	0	%100
18	M71	Z	-12.414	-12.414	0	%100
19	M86	X	-9.109	-9.109	0	%100
20	M86	Z	-15.778	-15.778	0	%100
21	M87	X	-6.916	-6.916	0	%100
22	M87	Z	-11.979	-11.979	0	%100
23	M90	X	-7.167	-7.167	0	%100
24	M90	Z	-12.414	-12.414	0	%100
25	M51A	X	-3.411	-3.411	0	%100
26	M51A	Z	-5.908	-5.908	0	%100
27	M52	X	-3.411	-3.411	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,%]
28	M52	Z	-5.908	-5.908	0	%100
29	M53A	X	-6.79	-6.79	0	%100
30	M53A	Z	-11.761	-11.761	0	%100
31	M56	X	-3.696	-3.696	0	%100
32	M56	Z	-6.402	-6.402	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	0	0	0	%100
35	M62	X	-2.277	-2.277	0	%100
36	M62	Z	-3.944	-3.944	0	%100
37	M63	X	0	0	0	%100
38	M63	Z	0	0	0	%100
39	M65A	X	0	0	0	%100
40	M65A	Z	0	0	0	%100
41	M67	X	-2.277	-2.277	0	%100
42	M67	Z	-3.944	-3.944	0	%100
43	M68A	X	-6.916	-6.916	0	%100
44	M68A	Z	-11.979	-11.979	0	%100
45	M70	X	-7.167	-7.167	0	%100
46	M70	Z	-12.414	-12.414	0	%100
47	MP4A	X	-3.584	-3.584	0	%100
48	MP4A	Z	-6.207	-6.207	0	%100
49	MP3A	X	-3.584	-3.584	0	%100
50	MP3A	Z	-6.207	-6.207	0	%100
51	MP1A	X	-3.584	-3.584	0	%100
52	MP1A	Z	-6.207	-6.207	0	%100
53	M109A	X	-1.346	-1.346	0	%100
54	M109A	Z	-2.331	-2.331	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	0	0	0	%100
57	M54A	X	-3.961	-3.961	0	%100
58	M54A	Z	-6.861	-6.861	0	%100
59	M55A	X	-3.411	-3.411	0	%100
60	M55A	Z	-5.908	-5.908	0	%100
61	M56A	X	-3.411	-3.411	0	%100
62	M56A	Z	-5.908	-5.908	0	%100
63	M57A	X	-6.79	-6.79	0	%100
64	M57A	Z	-11.761	-11.761	0	%100
65	M60A	X	0	0	0	%100
66	M60A	Z	0	0	0	%100
67	M61A	X	-3.697	-3.697	0	%100
68	M61A	Z	-6.403	-6.403	0	%100
69	M66A	X	-2.277	-2.277	0	%100
70	M66A	Z	-3.944	-3.944	0	%100
71	M67A	X	-6.916	-6.916	0	%100
72	M67A	Z	-11.979	-11.979	0	%100
73	M69A	X	-7.167	-7.167	0	%100
74	M69A	Z	-12.414	-12.414	0	%100
75	M71B	X	-2.277	-2.277	0	%100
76	M71B	Z	-3.944	-3.944	0	%100
77	M72A	X	0	0	0	%100
78	M72A	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M76	X	-1.346	-1.346	0	%100
82	M76	Z	-2.331	-2.331	0	%100
83	M77	X	-5.383	-5.383	0	%100
84	M77	Z	-9.323	-9.323	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,%]
85	M89A	X	-2.931	-2.931	0	%100
86	M89A	Z	-5.076	-5.076	0	%100
87	MP2A	X	-3.584	-3.584	0	%100
88	MP2A	Z	-6.207	-6.207	0	%100
89	MP4C	X	-3.584	-3.584	0	%100
90	MP4C	Z	-6.207	-6.207	0	%100
91	MP3C	X	-3.584	-3.584	0	%100
92	MP3C	Z	-6.207	-6.207	0	%100
93	MP1C	X	-3.584	-3.584	0	%100
94	MP1C	Z	-6.207	-6.207	0	%100
95	MP2C	X	-3.584	-3.584	0	%100
96	MP2C	Z	-6.207	-6.207	0	%100
97	MP4B	X	-3.584	-3.584	0	%100
98	MP4B	Z	-6.207	-6.207	0	%100
99	MP3B	X	-3.584	-3.584	0	%100
100	MP3B	Z	-6.207	-6.207	0	%100
101	MP1B	X	-3.584	-3.584	0	%100
102	MP1B	Z	-6.207	-6.207	0	%100
103	MP2B	X	-3.584	-3.584	0	%100
104	MP2B	Z	-6.207	-6.207	0	%100
105	M94	X	-3.254	-3.254	0	%100
106	M94	Z	-5.635	-5.635	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M104	X	-3.254	-3.254	0	%100
110	M104	Z	-5.635	-5.635	0	%100
111	M107	X	0	0	0	%100
112	M107	Z	0	0	0	%100
113	M108	X	-4.214	-4.214	0	%100
114	M108	Z	-7.299	-7.299	0	%100
115	M109	X	-4.214	-4.214	0	%100
116	M109	Z	-7.299	-7.299	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	M20	X	0	0	0	%100
2	M20	Z	-3.73	-3.73	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	-.727	-.727	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	-.727	-.727	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	-1.092	-1.092	0	%100
9	M46A	X	0	0	0	%100
10	M46A	Z	-.808	-.808	0	%100
11	M47	X	0	0	0	%100
12	M47	Z	-3.232	-3.232	0	%100
13	M64	X	0	0	0	%100
14	M64	Z	-3.255	-3.255	0	%100
15	M65	X	0	0	0	%100
16	M65	Z	-4.381	-4.381	0	%100
17	M71	X	0	0	0	%100
18	M71	Z	-4.501	-4.501	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	-3.255	-3.255	0	%100
21	M87	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	M87	Z	-1.095	-1.095	0	%100
23	M90	X	0	0	0	%100
24	M90	Z	-1.125	-1.125	0	%100
25	M51A	X	0	0	0	%100
26	M51A	Z	-.727	-.727	0	%100
27	M52	X	0	0	0	%100
28	M52	Z	-.727	-.727	0	%100
29	M53A	X	0	0	0	%100
30	M53A	Z	-1.092	-1.092	0	%100
31	M56	X	0	0	0	%100
32	M56	Z	-3.232	-3.232	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	-.808	-.808	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	-3.255	-3.255	0	%100
37	M63	X	0	0	0	%100
38	M63	Z	-1.095	-1.095	0	%100
39	M65A	X	0	0	0	%100
40	M65A	Z	-1.125	-1.125	0	%100
41	M67	X	0	0	0	%100
42	M67	Z	-3.255	-3.255	0	%100
43	M68A	X	0	0	0	%100
44	M68A	Z	-4.381	-4.381	0	%100
45	M70	X	0	0	0	%100
46	M70	Z	-4.501	-4.501	0	%100
47	MP4A	X	0	0	0	%100
48	MP4A	Z	-3.114	-3.114	0	%100
49	MP3A	X	0	0	0	%100
50	MP3A	Z	-3.114	-3.114	0	%100
51	MP1A	X	0	0	0	%100
52	MP1A	Z	-3.114	-3.114	0	%100
53	M109A	X	0	0	0	%100
54	M109A	Z	-2.662	-2.662	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	-.932	-.932	0	%100
57	M54A	X	0	0	0	%100
58	M54A	Z	-.932	-.932	0	%100
59	M55A	X	0	0	0	%100
60	M55A	Z	-2.908	-2.908	0	%100
61	M56A	X	0	0	0	%100
62	M56A	Z	-2.908	-2.908	0	%100
63	M57A	X	0	0	0	%100
64	M57A	Z	-4.367	-4.367	0	%100
65	M60A	X	0	0	0	%100
66	M60A	Z	-.808	-.808	0	%100
67	M61A	X	0	0	0	%100
68	M61A	Z	-.808	-.808	0	%100
69	M66A	X	0	0	0	%100
70	M66A	Z	0	0	0	%100
71	M67A	X	0	0	0	%100
72	M67A	Z	-1.095	-1.095	0	%100
73	M69A	X	0	0	0	%100
74	M69A	Z	-1.125	-1.125	0	%100
75	M71B	X	0	0	0	%100
76	M71B	Z	0	0	0	%100
77	M72A	X	0	0	0	%100
78	M72A	Z	-1.095	-1.095	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	M74	X	0	0	0	%100
80	M74	Z	-1.125	-1.125	0	%100
81	M76	X	0	0	0	%100
82	M76	Z	0	0	0	%100
83	M77	X	0	0	0	%100
84	M77	Z	-2.662	-2.662	0	%100
85	M89A	X	0	0	0	%100
86	M89A	Z	-2.398	-2.398	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-3.114	-3.114	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-3.114	-3.114	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	-3.114	-3.114	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-3.114	-3.114	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-3.114	-3.114	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-3.114	-3.114	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-3.114	-3.114	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-3.114	-3.114	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-3.114	-3.114	0	%100
105	M94	X	0	0	0	%100
106	M94	Z	-3.391	-3.391	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	-.848	-.848	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	-.848	-.848	0	%100
111	M107	X	0	0	0	%100
112	M107	Z	-.823	-.823	0	%100
113	M108	X	0	0	0	%100
114	M108	Z	-.823	-.823	0	%100
115	M109	X	0	0	0	%100
116	M109	Z	-3.294	-3.294	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	M20	X	1.399	1.399	0	%100
2	M20	Z	-2.423	-2.423	0	%100
3	M41A	X	1.09	1.09	0	%100
4	M41A	Z	-1.889	-1.889	0	%100
5	M42_1	X	1.09	1.09	0	%100
6	M42_1	Z	-1.889	-1.889	0	%100
7	M43A_1	X	1.638	1.638	0	%100
8	M43A_1	Z	-2.837	-2.837	0	%100
9	M46A	X	0	0	0	%100
10	M46A	Z	0	0	0	%100
11	M47	X	1.212	1.212	0	%100
12	M47	Z	-2.099	-2.099	0	%100
13	M64	X	.543	.543	0	%100
14	M64	Z	-.94	-.94	0	%100
15	M65	X	1.643	1.643	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,%]
16	M65	Z	-2.845	-2.845	0	%100
17	M71	X	1.688	1.688	0	%100
18	M71	Z	-2.924	-2.924	0	%100
19	M86	X	.543	.543	0	%100
20	M86	Z	-.94	-.94	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	0	0	0	%100
23	M90	X	0	0	0	%100
24	M90	Z	0	0	0	%100
25	M51A	X	0	0	0	%100
26	M51A	Z	0	0	0	%100
27	M52	X	0	0	0	%100
28	M52	Z	0	0	0	%100
29	M53A	X	0	0	0	%100
30	M53A	Z	0	0	0	%100
31	M56	X	1.212	1.212	0	%100
32	M56	Z	-2.099	-2.099	0	%100
33	M57	X	1.212	1.212	0	%100
34	M57	Z	-2.099	-2.099	0	%100
35	M62	X	2.17	2.17	0	%100
36	M62	Z	-3.759	-3.759	0	%100
37	M63	X	1.643	1.643	0	%100
38	M63	Z	-2.845	-2.845	0	%100
39	M65A	X	1.688	1.688	0	%100
40	M65A	Z	-2.924	-2.924	0	%100
41	M67	X	2.17	2.17	0	%100
42	M67	Z	-3.759	-3.759	0	%100
43	M68A	X	1.643	1.643	0	%100
44	M68A	Z	-2.845	-2.845	0	%100
45	M70	X	1.688	1.688	0	%100
46	M70	Z	-2.924	-2.924	0	%100
47	MP4A	X	1.557	1.557	0	%100
48	MP4A	Z	-2.697	-2.697	0	%100
49	MP3A	X	1.557	1.557	0	%100
50	MP3A	Z	-2.697	-2.697	0	%100
51	MP1A	X	1.557	1.557	0	%100
52	MP1A	Z	-2.697	-2.697	0	%100
53	M109A	X	1.775	1.775	0	%100
54	M109A	Z	-3.074	-3.074	0	%100
55	M53	X	1.399	1.399	0	%100
56	M53	Z	-2.423	-2.423	0	%100
57	M54A	X	0	0	0	%100
58	M54A	Z	0	0	0	%100
59	M55A	X	1.09	1.09	0	%100
60	M55A	Z	-1.889	-1.889	0	%100
61	M56A	X	1.09	1.09	0	%100
62	M56A	Z	-1.889	-1.889	0	%100
63	M57A	X	1.638	1.638	0	%100
64	M57A	Z	-2.837	-2.837	0	%100
65	M60A	X	1.212	1.212	0	%100
66	M60A	Z	-2.099	-2.099	0	%100
67	M61A	X	0	0	0	%100
68	M61A	Z	0	0	0	%100
69	M66A	X	.543	.543	0	%100
70	M66A	Z	-.94	-.94	0	%100
71	M67A	X	0	0	0	%100
72	M67A	Z	0	0	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,%]
73	M69A	X	0	0	0	%100
74	M69A	Z	0	0	0	%100
75	M71B	X	.543	.543	0	%100
76	M71B	Z	-.94	-.94	0	%100
77	M72A	X	1.643	1.643	0	%100
78	M72A	Z	-2.845	-2.845	0	%100
79	M74	X	1.688	1.688	0	%100
80	M74	Z	-2.924	-2.924	0	%100
81	M76	X	.444	.444	0	%100
82	M76	Z	-.769	-.769	0	%100
83	M77	X	.444	.444	0	%100
84	M77	Z	-.769	-.769	0	%100
85	M89A	X	1.199	1.199	0	%100
86	M89A	Z	-2.077	-2.077	0	%100
87	MP2A	X	1.557	1.557	0	%100
88	MP2A	Z	-2.697	-2.697	0	%100
89	MP4C	X	1.557	1.557	0	%100
90	MP4C	Z	-2.697	-2.697	0	%100
91	MP3C	X	1.557	1.557	0	%100
92	MP3C	Z	-2.697	-2.697	0	%100
93	MP1C	X	1.557	1.557	0	%100
94	MP1C	Z	-2.697	-2.697	0	%100
95	MP2C	X	1.557	1.557	0	%100
96	MP2C	Z	-2.697	-2.697	0	%100
97	MP4B	X	1.557	1.557	0	%100
98	MP4B	Z	-2.697	-2.697	0	%100
99	MP3B	X	1.557	1.557	0	%100
100	MP3B	Z	-2.697	-2.697	0	%100
101	MP1B	X	1.557	1.557	0	%100
102	MP1B	Z	-2.697	-2.697	0	%100
103	MP2B	X	1.557	1.557	0	%100
104	MP2B	Z	-2.697	-2.697	0	%100
105	M94	X	1.272	1.272	0	%100
106	M94	Z	-2.203	-2.203	0	%100
107	M101	X	1.272	1.272	0	%100
108	M101	Z	-2.203	-2.203	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M107	X	1.235	1.235	0	%100
112	M107	Z	-2.139	-2.139	0	%100
113	M108	X	0	0	0	%100
114	M108	Z	0	0	0	%100
115	M109	X	1.235	1.235	0	%100
116	M109	Z	-2.139	-2.139	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	M20	X	.808	.808	0	%100
2	M20	Z	-.466	-.466	0	%100
3	M41A	X	2.518	2.518	0	%100
4	M41A	Z	-1.454	-1.454	0	%100
5	M42_1	X	2.518	2.518	0	%100
6	M42_1	Z	-1.454	-1.454	0	%100
7	M43A_1	X	3.782	3.782	0	%100
8	M43A_1	Z	-2.184	-2.184	0	%100
9	M46A	X	.7	.7	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,%]
10	M46A	Z	-.404	-.404	0	%100
11	M47	X	.7	.7	0	%100
12	M47	Z	-.404	-.404	0	%100
13	M64	X	0	0	0	%100
14	M64	Z	0	0	0	%100
15	M65	X	.948	.948	0	%100
16	M65	Z	-.548	-.548	0	%100
17	M71	X	.975	.975	0	%100
18	M71	Z	-.563	-.563	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	.948	.948	0	%100
22	M87	Z	-.548	-.548	0	%100
23	M90	X	.975	.975	0	%100
24	M90	Z	-.563	-.563	0	%100
25	M51A	X	.63	.63	0	%100
26	M51A	Z	-.363	-.363	0	%100
27	M52	X	.63	.63	0	%100
28	M52	Z	-.363	-.363	0	%100
29	M53A	X	.946	.946	0	%100
30	M53A	Z	-.546	-.546	0	%100
31	M56	X	.7	.7	0	%100
32	M56	Z	-.404	-.404	0	%100
33	M57	X	2.799	2.799	0	%100
34	M57	Z	-1.616	-1.616	0	%100
35	M62	X	2.819	2.819	0	%100
36	M62	Z	-1.628	-1.628	0	%100
37	M63	X	3.794	3.794	0	%100
38	M63	Z	-2.19	-2.19	0	%100
39	M65A	X	3.898	3.898	0	%100
40	M65A	Z	-2.251	-2.251	0	%100
41	M67	X	2.819	2.819	0	%100
42	M67	Z	-1.628	-1.628	0	%100
43	M68A	X	.948	.948	0	%100
44	M68A	Z	-.548	-.548	0	%100
45	M70	X	.975	.975	0	%100
46	M70	Z	-.563	-.563	0	%100
47	MP4A	X	2.697	2.697	0	%100
48	MP4A	Z	-1.557	-1.557	0	%100
49	MP3A	X	2.697	2.697	0	%100
50	MP3A	Z	-1.557	-1.557	0	%100
51	MP1A	X	2.697	2.697	0	%100
52	MP1A	Z	-1.557	-1.557	0	%100
53	M109A	X	2.306	2.306	0	%100
54	M109A	Z	-1.331	-1.331	0	%100
55	M53	X	3.23	3.23	0	%100
56	M53	Z	-1.865	-1.865	0	%100
57	M54A	X	.808	.808	0	%100
58	M54A	Z	-.466	-.466	0	%100
59	M55A	X	.63	.63	0	%100
60	M55A	Z	-.363	-.363	0	%100
61	M56A	X	.63	.63	0	%100
62	M56A	Z	-.363	-.363	0	%100
63	M57A	X	.946	.946	0	%100
64	M57A	Z	-.546	-.546	0	%100
65	M60A	X	2.799	2.799	0	%100
66	M60A	Z	-1.616	-1.616	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,%]
67	M61A	X	.7	.7	0	%100
68	M61A	Z	-.404	-.404	0	%100
69	M66A	X	2.819	2.819	0	%100
70	M66A	Z	-1.628	-1.628	0	%100
71	M67A	X	.948	.948	0	%100
72	M67A	Z	-.548	-.548	0	%100
73	M69A	X	.975	.975	0	%100
74	M69A	Z	-.563	-.563	0	%100
75	M71B	X	2.819	2.819	0	%100
76	M71B	Z	-1.628	-1.628	0	%100
77	M72A	X	3.794	3.794	0	%100
78	M72A	Z	-2.19	-2.19	0	%100
79	M74	X	3.898	3.898	0	%100
80	M74	Z	-2.251	-2.251	0	%100
81	M76	X	2.306	2.306	0	%100
82	M76	Z	-1.331	-1.331	0	%100
83	M77	X	0	0	0	%100
84	M77	Z	0	0	0	%100
85	M89A	X	2.077	2.077	0	%100
86	M89A	Z	-1.199	-1.199	0	%100
87	MP2A	X	2.697	2.697	0	%100
88	MP2A	Z	-1.557	-1.557	0	%100
89	MP4C	X	2.697	2.697	0	%100
90	MP4C	Z	-1.557	-1.557	0	%100
91	MP3C	X	2.697	2.697	0	%100
92	MP3C	Z	-1.557	-1.557	0	%100
93	MP1C	X	2.697	2.697	0	%100
94	MP1C	Z	-1.557	-1.557	0	%100
95	MP2C	X	2.697	2.697	0	%100
96	MP2C	Z	-1.557	-1.557	0	%100
97	MP4B	X	2.697	2.697	0	%100
98	MP4B	Z	-1.557	-1.557	0	%100
99	MP3B	X	2.697	2.697	0	%100
100	MP3B	Z	-1.557	-1.557	0	%100
101	MP1B	X	2.697	2.697	0	%100
102	MP1B	Z	-1.557	-1.557	0	%100
103	MP2B	X	2.697	2.697	0	%100
104	MP2B	Z	-1.557	-1.557	0	%100
105	M94	X	.734	.734	0	%100
106	M94	Z	-.424	-.424	0	%100
107	M101	X	2.937	2.937	0	%100
108	M101	Z	-1.696	-1.696	0	%100
109	M104	X	.734	.734	0	%100
110	M104	Z	-.424	-.424	0	%100
111	M107	X	2.853	2.853	0	%100
112	M107	Z	-1.647	-1.647	0	%100
113	M108	X	.713	.713	0	%100
114	M108	Z	-.412	-.412	0	%100
115	M109	X	.713	.713	0	%100
116	M109	Z	-.412	-.412	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M41A	X	2.181	2.181	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,%]
4	M41A	Z	0	0	0	%100
5	M42_1	X	2.181	2.181	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	3.276	3.276	0	%100
8	M43A_1	Z	0	0	0	%100
9	M46A	X	2.424	2.424	0	%100
10	M46A	Z	0	0	0	%100
11	M47	X	0	0	0	%100
12	M47	Z	0	0	0	%100
13	M64	X	1.085	1.085	0	%100
14	M64	Z	0	0	0	%100
15	M65	X	0	0	0	%100
16	M65	Z	0	0	0	%100
17	M71	X	0	0	0	%100
18	M71	Z	0	0	0	%100
19	M86	X	1.085	1.085	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	3.286	3.286	0	%100
22	M87	Z	0	0	0	%100
23	M90	X	3.376	3.376	0	%100
24	M90	Z	0	0	0	%100
25	M51A	X	2.181	2.181	0	%100
26	M51A	Z	0	0	0	%100
27	M52	X	2.181	2.181	0	%100
28	M52	Z	0	0	0	%100
29	M53A	X	3.276	3.276	0	%100
30	M53A	Z	0	0	0	%100
31	M56	X	0	0	0	%100
32	M56	Z	0	0	0	%100
33	M57	X	2.424	2.424	0	%100
34	M57	Z	0	0	0	%100
35	M62	X	1.085	1.085	0	%100
36	M62	Z	0	0	0	%100
37	M63	X	3.286	3.286	0	%100
38	M63	Z	0	0	0	%100
39	M65A	X	3.376	3.376	0	%100
40	M65A	Z	0	0	0	%100
41	M67	X	1.085	1.085	0	%100
42	M67	Z	0	0	0	%100
43	M68A	X	0	0	0	%100
44	M68A	Z	0	0	0	%100
45	M70	X	0	0	0	%100
46	M70	Z	0	0	0	%100
47	MP4A	X	3.114	3.114	0	%100
48	MP4A	Z	0	0	0	%100
49	MP3A	X	3.114	3.114	0	%100
50	MP3A	Z	0	0	0	%100
51	MP1A	X	3.114	3.114	0	%100
52	MP1A	Z	0	0	0	%100
53	M109A	X	.887	.887	0	%100
54	M109A	Z	0	0	0	%100
55	M53	X	2.797	2.797	0	%100
56	M53	Z	0	0	0	%100
57	M54A	X	2.797	2.797	0	%100
58	M54A	Z	0	0	0	%100
59	M55A	X	0	0	0	%100
60	M55A	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,%]
61	M56A	X	0	0	0	%100
62	M56A	Z	0	0	0	%100
63	M57A	X	0	0	0	%100
64	M57A	Z	0	0	0	%100
65	M60A	X	2.424	2.424	0	%100
66	M60A	Z	0	0	0	%100
67	M61A	X	2.424	2.424	0	%100
68	M61A	Z	0	0	0	%100
69	M66A	X	4.341	4.341	0	%100
70	M66A	Z	0	0	0	%100
71	M67A	X	3.286	3.286	0	%100
72	M67A	Z	0	0	0	%100
73	M69A	X	3.376	3.376	0	%100
74	M69A	Z	0	0	0	%100
75	M71B	X	4.341	4.341	0	%100
76	M71B	Z	0	0	0	%100
77	M72A	X	3.286	3.286	0	%100
78	M72A	Z	0	0	0	%100
79	M74	X	3.376	3.376	0	%100
80	M74	Z	0	0	0	%100
81	M76	X	3.55	3.55	0	%100
82	M76	Z	0	0	0	%100
83	M77	X	.887	.887	0	%100
84	M77	Z	0	0	0	%100
85	M89A	X	2.398	2.398	0	%100
86	M89A	Z	0	0	0	%100
87	MP2A	X	3.114	3.114	0	%100
88	MP2A	Z	0	0	0	%100
89	MP4C	X	3.114	3.114	0	%100
90	MP4C	Z	0	0	0	%100
91	MP3C	X	3.114	3.114	0	%100
92	MP3C	Z	0	0	0	%100
93	MP1C	X	3.114	3.114	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	3.114	3.114	0	%100
96	MP2C	Z	0	0	0	%100
97	MP4B	X	3.114	3.114	0	%100
98	MP4B	Z	0	0	0	%100
99	MP3B	X	3.114	3.114	0	%100
100	MP3B	Z	0	0	0	%100
101	MP1B	X	3.114	3.114	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	3.114	3.114	0	%100
104	MP2B	Z	0	0	0	%100
105	M94	X	0	0	0	%100
106	M94	Z	0	0	0	%100
107	M101	X	2.543	2.543	0	%100
108	M101	Z	0	0	0	%100
109	M104	X	2.543	2.543	0	%100
110	M104	Z	0	0	0	%100
111	M107	X	2.47	2.47	0	%100
112	M107	Z	0	0	0	%100
113	M108	X	2.47	2.47	0	%100
114	M108	Z	0	0	0	%100
115	M109	X	0	0	0	%100
116	M109	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	M20	X	.808	.808	0	%100
2	M20	Z	.466	.466	0	%100
3	M41A	X	.63	.63	0	%100
4	M41A	Z	.363	.363	0	%100
5	M42_1	X	.63	.63	0	%100
6	M42_1	Z	.363	.363	0	%100
7	M43A_1	X	.946	.946	0	%100
8	M43A_1	Z	.546	.546	0	%100
9	M46A	X	2.799	2.799	0	%100
10	M46A	Z	1.616	1.616	0	%100
11	M47	X	.7	.7	0	%100
12	M47	Z	.404	.404	0	%100
13	M64	X	2.819	2.819	0	%100
14	M64	Z	1.628	1.628	0	%100
15	M65	X	.948	.948	0	%100
16	M65	Z	.548	.548	0	%100
17	M71	X	.975	.975	0	%100
18	M71	Z	.563	.563	0	%100
19	M86	X	2.819	2.819	0	%100
20	M86	Z	1.628	1.628	0	%100
21	M87	X	3.794	3.794	0	%100
22	M87	Z	2.19	2.19	0	%100
23	M90	X	3.898	3.898	0	%100
24	M90	Z	2.251	2.251	0	%100
25	M51A	X	2.518	2.518	0	%100
26	M51A	Z	1.454	1.454	0	%100
27	M52	X	2.518	2.518	0	%100
28	M52	Z	1.454	1.454	0	%100
29	M53A	X	3.782	3.782	0	%100
30	M53A	Z	2.184	2.184	0	%100
31	M56	X	.7	.7	0	%100
32	M56	Z	.404	.404	0	%100
33	M57	X	.7	.7	0	%100
34	M57	Z	.404	.404	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	0	0	0	%100
37	M63	X	.948	.948	0	%100
38	M63	Z	.548	.548	0	%100
39	M65A	X	.975	.975	0	%100
40	M65A	Z	.563	.563	0	%100
41	M67	X	0	0	0	%100
42	M67	Z	0	0	0	%100
43	M68A	X	.948	.948	0	%100
44	M68A	Z	.548	.548	0	%100
45	M70	X	.975	.975	0	%100
46	M70	Z	.563	.563	0	%100
47	MP4A	X	2.697	2.697	0	%100
48	MP4A	Z	1.557	1.557	0	%100
49	MP3A	X	2.697	2.697	0	%100
50	MP3A	Z	1.557	1.557	0	%100
51	MP1A	X	2.697	2.697	0	%100
52	MP1A	Z	1.557	1.557	0	%100
53	M109A	X	0	0	0	%100
54	M109A	Z	0	0	0	%100
55	M53	X	.808	.808	0	%100
56	M53	Z	.466	.466	0	%100
57	M54A	X	3.23	3.23	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,%]
58	M54A	Z	1.865	1.865	0	%100
59	M55A	X	.63	.63	0	%100
60	M55A	Z	.363	.363	0	%100
61	M56A	X	.63	.63	0	%100
62	M56A	Z	.363	.363	0	%100
63	M57A	X	.946	.946	0	%100
64	M57A	Z	.546	.546	0	%100
65	M60A	X	.7	.7	0	%100
66	M60A	Z	.404	.404	0	%100
67	M61A	X	2.799	2.799	0	%100
68	M61A	Z	1.616	1.616	0	%100
69	M66A	X	2.819	2.819	0	%100
70	M66A	Z	1.628	1.628	0	%100
71	M67A	X	3.794	3.794	0	%100
72	M67A	Z	2.19	2.19	0	%100
73	M69A	X	3.898	3.898	0	%100
74	M69A	Z	2.251	2.251	0	%100
75	M71B	X	2.819	2.819	0	%100
76	M71B	Z	1.628	1.628	0	%100
77	M72A	X	.948	.948	0	%100
78	M72A	Z	.548	.548	0	%100
79	M74	X	.975	.975	0	%100
80	M74	Z	.563	.563	0	%100
81	M76	X	2.306	2.306	0	%100
82	M76	Z	1.331	1.331	0	%100
83	M77	X	2.306	2.306	0	%100
84	M77	Z	1.331	1.331	0	%100
85	M89A	X	2.077	2.077	0	%100
86	M89A	Z	1.199	1.199	0	%100
87	MP2A	X	2.697	2.697	0	%100
88	MP2A	Z	1.557	1.557	0	%100
89	MP4C	X	2.697	2.697	0	%100
90	MP4C	Z	1.557	1.557	0	%100
91	MP3C	X	2.697	2.697	0	%100
92	MP3C	Z	1.557	1.557	0	%100
93	MP1C	X	2.697	2.697	0	%100
94	MP1C	Z	1.557	1.557	0	%100
95	MP2C	X	2.697	2.697	0	%100
96	MP2C	Z	1.557	1.557	0	%100
97	MP4B	X	2.697	2.697	0	%100
98	MP4B	Z	1.557	1.557	0	%100
99	MP3B	X	2.697	2.697	0	%100
100	MP3B	Z	1.557	1.557	0	%100
101	MP1B	X	2.697	2.697	0	%100
102	MP1B	Z	1.557	1.557	0	%100
103	MP2B	X	2.697	2.697	0	%100
104	MP2B	Z	1.557	1.557	0	%100
105	M94	X	.734	.734	0	%100
106	M94	Z	.424	.424	0	%100
107	M101	X	.734	.734	0	%100
108	M101	Z	.424	.424	0	%100
109	M104	X	2.937	2.937	0	%100
110	M104	Z	1.696	1.696	0	%100
111	M107	X	.713	.713	0	%100
112	M107	Z	.412	.412	0	%100
113	M108	X	2.853	2.853	0	%100
114	M108	Z	1.647	1.647	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,%]
115	M109	X	.713	.713	0	%100
116	M109	Z	.412	.412	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	M20	X	1.399	1.399	0	%100
2	M20	Z	2.423	2.423	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	0	0	0	%100
9	M46A	X	1.212	1.212	0	%100
10	M46A	Z	2.099	2.099	0	%100
11	M47	X	1.212	1.212	0	%100
12	M47	Z	2.099	2.099	0	%100
13	M64	X	2.17	2.17	0	%100
14	M64	Z	3.759	3.759	0	%100
15	M65	X	1.643	1.643	0	%100
16	M65	Z	2.845	2.845	0	%100
17	M71	X	1.688	1.688	0	%100
18	M71	Z	2.924	2.924	0	%100
19	M86	X	2.17	2.17	0	%100
20	M86	Z	3.759	3.759	0	%100
21	M87	X	1.643	1.643	0	%100
22	M87	Z	2.845	2.845	0	%100
23	M90	X	1.688	1.688	0	%100
24	M90	Z	2.924	2.924	0	%100
25	M51A	X	1.09	1.09	0	%100
26	M51A	Z	1.889	1.889	0	%100
27	M52	X	1.09	1.09	0	%100
28	M52	Z	1.889	1.889	0	%100
29	M53A	X	1.638	1.638	0	%100
30	M53A	Z	2.837	2.837	0	%100
31	M56	X	1.212	1.212	0	%100
32	M56	Z	2.099	2.099	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	0	0	0	%100
35	M62	X	.543	.543	0	%100
36	M62	Z	.94	.94	0	%100
37	M63	X	0	0	0	%100
38	M63	Z	0	0	0	%100
39	M65A	X	0	0	0	%100
40	M65A	Z	0	0	0	%100
41	M67	X	.543	.543	0	%100
42	M67	Z	.94	.94	0	%100
43	M68A	X	1.643	1.643	0	%100
44	M68A	Z	2.845	2.845	0	%100
45	M70	X	1.688	1.688	0	%100
46	M70	Z	2.924	2.924	0	%100
47	MP4A	X	1.557	1.557	0	%100
48	MP4A	Z	2.697	2.697	0	%100
49	MP3A	X	1.557	1.557	0	%100
50	MP3A	Z	2.697	2.697	0	%100
51	MP1A	X	1.557	1.557	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,%]
52	MP1A	Z	2.697	2.697	0	%100
53	M109A	X	.444	.444	0	%100
54	M109A	Z	.769	.769	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	0	0	0	%100
57	M54A	X	1.399	1.399	0	%100
58	M54A	Z	2.423	2.423	0	%100
59	M55A	X	1.09	1.09	0	%100
60	M55A	Z	1.889	1.889	0	%100
61	M56A	X	1.09	1.09	0	%100
62	M56A	Z	1.889	1.889	0	%100
63	M57A	X	1.638	1.638	0	%100
64	M57A	Z	2.837	2.837	0	%100
65	M60A	X	0	0	0	%100
66	M60A	Z	0	0	0	%100
67	M61A	X	1.212	1.212	0	%100
68	M61A	Z	2.099	2.099	0	%100
69	M66A	X	.543	.543	0	%100
70	M66A	Z	.94	.94	0	%100
71	M67A	X	1.643	1.643	0	%100
72	M67A	Z	2.845	2.845	0	%100
73	M69A	X	1.688	1.688	0	%100
74	M69A	Z	2.924	2.924	0	%100
75	M71B	X	.543	.543	0	%100
76	M71B	Z	.94	.94	0	%100
77	M72A	X	0	0	0	%100
78	M72A	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M76	X	.444	.444	0	%100
82	M76	Z	.769	.769	0	%100
83	M77	X	1.775	1.775	0	%100
84	M77	Z	3.074	3.074	0	%100
85	M89A	X	1.199	1.199	0	%100
86	M89A	Z	2.077	2.077	0	%100
87	MP2A	X	1.557	1.557	0	%100
88	MP2A	Z	2.697	2.697	0	%100
89	MP4C	X	1.557	1.557	0	%100
90	MP4C	Z	2.697	2.697	0	%100
91	MP3C	X	1.557	1.557	0	%100
92	MP3C	Z	2.697	2.697	0	%100
93	MP1C	X	1.557	1.557	0	%100
94	MP1C	Z	2.697	2.697	0	%100
95	MP2C	X	1.557	1.557	0	%100
96	MP2C	Z	2.697	2.697	0	%100
97	MP4B	X	1.557	1.557	0	%100
98	MP4B	Z	2.697	2.697	0	%100
99	MP3B	X	1.557	1.557	0	%100
100	MP3B	Z	2.697	2.697	0	%100
101	MP1B	X	1.557	1.557	0	%100
102	MP1B	Z	2.697	2.697	0	%100
103	MP2B	X	1.557	1.557	0	%100
104	MP2B	Z	2.697	2.697	0	%100
105	M94	X	1.272	1.272	0	%100
106	M94	Z	2.203	2.203	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M104	X	1.272	1.272	0	%100
110	M104	Z	2.203	2.203	0	%100
111	M107	X	0	0	0	%100
112	M107	Z	0	0	0	%100
113	M108	X	1.235	1.235	0	%100
114	M108	Z	2.139	2.139	0	%100
115	M109	X	1.235	1.235	0	%100
116	M109	Z	2.139	2.139	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	M20	X	0	0	0	%100
2	M20	Z	3.73	3.73	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	.727	.727	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	.727	.727	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	1.092	1.092	0	%100
9	M46A	X	0	0	0	%100
10	M46A	Z	.808	.808	0	%100
11	M47	X	0	0	0	%100
12	M47	Z	3.232	3.232	0	%100
13	M64	X	0	0	0	%100
14	M64	Z	3.255	3.255	0	%100
15	M65	X	0	0	0	%100
16	M65	Z	4.381	4.381	0	%100
17	M71	X	0	0	0	%100
18	M71	Z	4.501	4.501	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	3.255	3.255	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	1.095	1.095	0	%100
23	M90	X	0	0	0	%100
24	M90	Z	1.125	1.125	0	%100
25	M51A	X	0	0	0	%100
26	M51A	Z	.727	.727	0	%100
27	M52	X	0	0	0	%100
28	M52	Z	.727	.727	0	%100
29	M53A	X	0	0	0	%100
30	M53A	Z	1.092	1.092	0	%100
31	M56	X	0	0	0	%100
32	M56	Z	3.232	3.232	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	.808	.808	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	3.255	3.255	0	%100
37	M63	X	0	0	0	%100
38	M63	Z	1.095	1.095	0	%100
39	M65A	X	0	0	0	%100
40	M65A	Z	1.125	1.125	0	%100
41	M67	X	0	0	0	%100
42	M67	Z	3.255	3.255	0	%100
43	M68A	X	0	0	0	%100
44	M68A	Z	4.381	4.381	0	%100
45	M70	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,%]
46	M70	Z	4.501	4.501	0	%100
47	MP4A	X	0	0	0	%100
48	MP4A	Z	3.114	3.114	0	%100
49	MP3A	X	0	0	0	%100
50	MP3A	Z	3.114	3.114	0	%100
51	MP1A	X	0	0	0	%100
52	MP1A	Z	3.114	3.114	0	%100
53	M109A	X	0	0	0	%100
54	M109A	Z	2.662	2.662	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	.932	.932	0	%100
57	M54A	X	0	0	0	%100
58	M54A	Z	.932	.932	0	%100
59	M55A	X	0	0	0	%100
60	M55A	Z	2.908	2.908	0	%100
61	M56A	X	0	0	0	%100
62	M56A	Z	2.908	2.908	0	%100
63	M57A	X	0	0	0	%100
64	M57A	Z	4.367	4.367	0	%100
65	M60A	X	0	0	0	%100
66	M60A	Z	.808	.808	0	%100
67	M61A	X	0	0	0	%100
68	M61A	Z	.808	.808	0	%100
69	M66A	X	0	0	0	%100
70	M66A	Z	0	0	0	%100
71	M67A	X	0	0	0	%100
72	M67A	Z	1.095	1.095	0	%100
73	M69A	X	0	0	0	%100
74	M69A	Z	1.125	1.125	0	%100
75	M71B	X	0	0	0	%100
76	M71B	Z	0	0	0	%100
77	M72A	X	0	0	0	%100
78	M72A	Z	1.095	1.095	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	1.125	1.125	0	%100
81	M76	X	0	0	0	%100
82	M76	Z	0	0	0	%100
83	M77	X	0	0	0	%100
84	M77	Z	2.662	2.662	0	%100
85	M89A	X	0	0	0	%100
86	M89A	Z	2.398	2.398	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	3.114	3.114	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	3.114	3.114	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	3.114	3.114	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	3.114	3.114	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	3.114	3.114	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	3.114	3.114	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	3.114	3.114	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	3.114	3.114	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,%]
103	MP2B	X	0	0	0	%100
104	MP2B	Z	3.114	3.114	0	%100
105	M94	X	0	0	0	%100
106	M94	Z	3.391	3.391	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	.848	.848	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	.848	.848	0	%100
111	M107	X	0	0	0	%100
112	M107	Z	.823	.823	0	%100
113	M108	X	0	0	0	%100
114	M108	Z	.823	.823	0	%100
115	M109	X	0	0	0	%100
116	M109	Z	3.294	3.294	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	M20	X	-1.399	-1.399	0	%100
2	M20	Z	2.423	2.423	0	%100
3	M41A	X	-1.09	-1.09	0	%100
4	M41A	Z	1.889	1.889	0	%100
5	M42_1	X	-1.09	-1.09	0	%100
6	M42_1	Z	1.889	1.889	0	%100
7	M43A_1	X	-1.638	-1.638	0	%100
8	M43A_1	Z	2.837	2.837	0	%100
9	M46A	X	0	0	0	%100
10	M46A	Z	0	0	0	%100
11	M47	X	-1.212	-1.212	0	%100
12	M47	Z	2.099	2.099	0	%100
13	M64	X	-.543	-.543	0	%100
14	M64	Z	.94	.94	0	%100
15	M65	X	-1.643	-1.643	0	%100
16	M65	Z	2.845	2.845	0	%100
17	M71	X	-1.688	-1.688	0	%100
18	M71	Z	2.924	2.924	0	%100
19	M86	X	-.543	-.543	0	%100
20	M86	Z	.94	.94	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	0	0	0	%100
23	M90	X	0	0	0	%100
24	M90	Z	0	0	0	%100
25	M51A	X	0	0	0	%100
26	M51A	Z	0	0	0	%100
27	M52	X	0	0	0	%100
28	M52	Z	0	0	0	%100
29	M53A	X	0	0	0	%100
30	M53A	Z	0	0	0	%100
31	M56	X	-1.212	-1.212	0	%100
32	M56	Z	2.099	2.099	0	%100
33	M57	X	-1.212	-1.212	0	%100
34	M57	Z	2.099	2.099	0	%100
35	M62	X	-2.17	-2.17	0	%100
36	M62	Z	3.759	3.759	0	%100
37	M63	X	-1.643	-1.643	0	%100
38	M63	Z	2.845	2.845	0	%100
39	M65A	X	-1.688	-1.688	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,%]
40	M65A	Z	2.924	2.924	0	%100
41	M67	X	-2.17	-2.17	0	%100
42	M67	Z	3.759	3.759	0	%100
43	M68A	X	-1.643	-1.643	0	%100
44	M68A	Z	2.845	2.845	0	%100
45	M70	X	-1.688	-1.688	0	%100
46	M70	Z	2.924	2.924	0	%100
47	MP4A	X	-1.557	-1.557	0	%100
48	MP4A	Z	2.697	2.697	0	%100
49	MP3A	X	-1.557	-1.557	0	%100
50	MP3A	Z	2.697	2.697	0	%100
51	MP1A	X	-1.557	-1.557	0	%100
52	MP1A	Z	2.697	2.697	0	%100
53	M109A	X	-1.775	-1.775	0	%100
54	M109A	Z	3.074	3.074	0	%100
55	M53	X	-1.399	-1.399	0	%100
56	M53	Z	2.423	2.423	0	%100
57	M54A	X	0	0	0	%100
58	M54A	Z	0	0	0	%100
59	M55A	X	-1.09	-1.09	0	%100
60	M55A	Z	1.889	1.889	0	%100
61	M56A	X	-1.09	-1.09	0	%100
62	M56A	Z	1.889	1.889	0	%100
63	M57A	X	-1.638	-1.638	0	%100
64	M57A	Z	2.837	2.837	0	%100
65	M60A	X	-1.212	-1.212	0	%100
66	M60A	Z	2.099	2.099	0	%100
67	M61A	X	0	0	0	%100
68	M61A	Z	0	0	0	%100
69	M66A	X	-.543	-.543	0	%100
70	M66A	Z	.94	.94	0	%100
71	M67A	X	0	0	0	%100
72	M67A	Z	0	0	0	%100
73	M69A	X	0	0	0	%100
74	M69A	Z	0	0	0	%100
75	M71B	X	-.543	-.543	0	%100
76	M71B	Z	.94	.94	0	%100
77	M72A	X	-1.643	-1.643	0	%100
78	M72A	Z	2.845	2.845	0	%100
79	M74	X	-1.688	-1.688	0	%100
80	M74	Z	2.924	2.924	0	%100
81	M76	X	-.444	-.444	0	%100
82	M76	Z	.769	.769	0	%100
83	M77	X	-.444	-.444	0	%100
84	M77	Z	.769	.769	0	%100
85	M89A	X	-1.199	-1.199	0	%100
86	M89A	Z	2.077	2.077	0	%100
87	MP2A	X	-1.557	-1.557	0	%100
88	MP2A	Z	2.697	2.697	0	%100
89	MP4C	X	-1.557	-1.557	0	%100
90	MP4C	Z	2.697	2.697	0	%100
91	MP3C	X	-1.557	-1.557	0	%100
92	MP3C	Z	2.697	2.697	0	%100
93	MP1C	X	-1.557	-1.557	0	%100
94	MP1C	Z	2.697	2.697	0	%100
95	MP2C	X	-1.557	-1.557	0	%100
96	MP2C	Z	2.697	2.697	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,%]
97	MP4B	X	-1.557	-1.557	0	%100
98	MP4B	Z	2.697	2.697	0	%100
99	MP3B	X	-1.557	-1.557	0	%100
100	MP3B	Z	2.697	2.697	0	%100
101	MP1B	X	-1.557	-1.557	0	%100
102	MP1B	Z	2.697	2.697	0	%100
103	MP2B	X	-1.557	-1.557	0	%100
104	MP2B	Z	2.697	2.697	0	%100
105	M94	X	-1.272	-1.272	0	%100
106	M94	Z	2.203	2.203	0	%100
107	M101	X	-1.272	-1.272	0	%100
108	M101	Z	2.203	2.203	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M107	X	-1.235	-1.235	0	%100
112	M107	Z	2.139	2.139	0	%100
113	M108	X	0	0	0	%100
114	M108	Z	0	0	0	%100
115	M109	X	-1.235	-1.235	0	%100
116	M109	Z	2.139	2.139	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	M20	X	-.808	-.808	0	%100
2	M20	Z	.466	.466	0	%100
3	M41A	X	-2.518	-2.518	0	%100
4	M41A	Z	1.454	1.454	0	%100
5	M42_1	X	-2.518	-2.518	0	%100
6	M42_1	Z	1.454	1.454	0	%100
7	M43A_1	X	-3.782	-3.782	0	%100
8	M43A_1	Z	2.184	2.184	0	%100
9	M46A	X	-.7	-.7	0	%100
10	M46A	Z	.404	.404	0	%100
11	M47	X	-.7	-.7	0	%100
12	M47	Z	.404	.404	0	%100
13	M64	X	0	0	0	%100
14	M64	Z	0	0	0	%100
15	M65	X	-.948	-.948	0	%100
16	M65	Z	.548	.548	0	%100
17	M71	X	-.975	-.975	0	%100
18	M71	Z	.563	.563	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	-.948	-.948	0	%100
22	M87	Z	.548	.548	0	%100
23	M90	X	-.975	-.975	0	%100
24	M90	Z	.563	.563	0	%100
25	M51A	X	-.63	-.63	0	%100
26	M51A	Z	.363	.363	0	%100
27	M52	X	-.63	-.63	0	%100
28	M52	Z	.363	.363	0	%100
29	M53A	X	-.946	-.946	0	%100
30	M53A	Z	.546	.546	0	%100
31	M56	X	-.7	-.7	0	%100
32	M56	Z	.404	.404	0	%100
33	M57	X	-2.799	-2.799	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,%]
34	M57	Z	1.616	1.616	0	%100
35	M62	X	-2.819	-2.819	0	%100
36	M62	Z	1.628	1.628	0	%100
37	M63	X	-3.794	-3.794	0	%100
38	M63	Z	2.19	2.19	0	%100
39	M65A	X	-3.898	-3.898	0	%100
40	M65A	Z	2.251	2.251	0	%100
41	M67	X	-2.819	-2.819	0	%100
42	M67	Z	1.628	1.628	0	%100
43	M68A	X	-.948	-.948	0	%100
44	M68A	Z	.548	.548	0	%100
45	M70	X	-.975	-.975	0	%100
46	M70	Z	.563	.563	0	%100
47	MP4A	X	-2.697	-2.697	0	%100
48	MP4A	Z	1.557	1.557	0	%100
49	MP3A	X	-2.697	-2.697	0	%100
50	MP3A	Z	1.557	1.557	0	%100
51	MP1A	X	-2.697	-2.697	0	%100
52	MP1A	Z	1.557	1.557	0	%100
53	M109A	X	-2.306	-2.306	0	%100
54	M109A	Z	1.331	1.331	0	%100
55	M53	X	-3.23	-3.23	0	%100
56	M53	Z	1.865	1.865	0	%100
57	M54A	X	-.808	-.808	0	%100
58	M54A	Z	.466	.466	0	%100
59	M55A	X	-.63	-.63	0	%100
60	M55A	Z	.363	.363	0	%100
61	M56A	X	-.63	-.63	0	%100
62	M56A	Z	.363	.363	0	%100
63	M57A	X	-.946	-.946	0	%100
64	M57A	Z	.546	.546	0	%100
65	M60A	X	-2.799	-2.799	0	%100
66	M60A	Z	1.616	1.616	0	%100
67	M61A	X	-.7	-.7	0	%100
68	M61A	Z	.404	.404	0	%100
69	M66A	X	-2.819	-2.819	0	%100
70	M66A	Z	1.628	1.628	0	%100
71	M67A	X	-.948	-.948	0	%100
72	M67A	Z	.548	.548	0	%100
73	M69A	X	-.975	-.975	0	%100
74	M69A	Z	.563	.563	0	%100
75	M71B	X	-2.819	-2.819	0	%100
76	M71B	Z	1.628	1.628	0	%100
77	M72A	X	-3.794	-3.794	0	%100
78	M72A	Z	2.19	2.19	0	%100
79	M74	X	-3.898	-3.898	0	%100
80	M74	Z	2.251	2.251	0	%100
81	M76	X	-2.306	-2.306	0	%100
82	M76	Z	1.331	1.331	0	%100
83	M77	X	0	0	0	%100
84	M77	Z	0	0	0	%100
85	M89A	X	-2.077	-2.077	0	%100
86	M89A	Z	1.199	1.199	0	%100
87	MP2A	X	-2.697	-2.697	0	%100
88	MP2A	Z	1.557	1.557	0	%100
89	MP4C	X	-2.697	-2.697	0	%100
90	MP4C	Z	1.557	1.557	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,%]
91	MP3C	X	-2.697	-2.697	0	%100
92	MP3C	Z	1.557	1.557	0	%100
93	MP1C	X	-2.697	-2.697	0	%100
94	MP1C	Z	1.557	1.557	0	%100
95	MP2C	X	-2.697	-2.697	0	%100
96	MP2C	Z	1.557	1.557	0	%100
97	MP4B	X	-2.697	-2.697	0	%100
98	MP4B	Z	1.557	1.557	0	%100
99	MP3B	X	-2.697	-2.697	0	%100
100	MP3B	Z	1.557	1.557	0	%100
101	MP1B	X	-2.697	-2.697	0	%100
102	MP1B	Z	1.557	1.557	0	%100
103	MP2B	X	-2.697	-2.697	0	%100
104	MP2B	Z	1.557	1.557	0	%100
105	M94	X	-.734	-.734	0	%100
106	M94	Z	.424	.424	0	%100
107	M101	X	-2.937	-2.937	0	%100
108	M101	Z	1.696	1.696	0	%100
109	M104	X	-.734	-.734	0	%100
110	M104	Z	.424	.424	0	%100
111	M107	X	-2.853	-2.853	0	%100
112	M107	Z	1.647	1.647	0	%100
113	M108	X	-.713	-.713	0	%100
114	M108	Z	.412	.412	0	%100
115	M109	X	-.713	-.713	0	%100
116	M109	Z	.412	.412	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M41A	X	-2.181	-2.181	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	-2.181	-2.181	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	-3.276	-3.276	0	%100
8	M43A_1	Z	0	0	0	%100
9	M46A	X	-2.424	-2.424	0	%100
10	M46A	Z	0	0	0	%100
11	M47	X	0	0	0	%100
12	M47	Z	0	0	0	%100
13	M64	X	-1.085	-1.085	0	%100
14	M64	Z	0	0	0	%100
15	M65	X	0	0	0	%100
16	M65	Z	0	0	0	%100
17	M71	X	0	0	0	%100
18	M71	Z	0	0	0	%100
19	M86	X	-1.085	-1.085	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	-3.286	-3.286	0	%100
22	M87	Z	0	0	0	%100
23	M90	X	-3.376	-3.376	0	%100
24	M90	Z	0	0	0	%100
25	M51A	X	-2.181	-2.181	0	%100
26	M51A	Z	0	0	0	%100
27	M52	X	-2.181	-2.181	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,%]
28	M52	Z	0	0	0	%100
29	M53A	X	-3.276	-3.276	0	%100
30	M53A	Z	0	0	0	%100
31	M56	X	0	0	0	%100
32	M56	Z	0	0	0	%100
33	M57	X	-2.424	-2.424	0	%100
34	M57	Z	0	0	0	%100
35	M62	X	-1.085	-1.085	0	%100
36	M62	Z	0	0	0	%100
37	M63	X	-3.286	-3.286	0	%100
38	M63	Z	0	0	0	%100
39	M65A	X	-3.376	-3.376	0	%100
40	M65A	Z	0	0	0	%100
41	M67	X	-1.085	-1.085	0	%100
42	M67	Z	0	0	0	%100
43	M68A	X	0	0	0	%100
44	M68A	Z	0	0	0	%100
45	M70	X	0	0	0	%100
46	M70	Z	0	0	0	%100
47	MP4A	X	-3.114	-3.114	0	%100
48	MP4A	Z	0	0	0	%100
49	MP3A	X	-3.114	-3.114	0	%100
50	MP3A	Z	0	0	0	%100
51	MP1A	X	-3.114	-3.114	0	%100
52	MP1A	Z	0	0	0	%100
53	M109A	X	-.887	-.887	0	%100
54	M109A	Z	0	0	0	%100
55	M53	X	-2.797	-2.797	0	%100
56	M53	Z	0	0	0	%100
57	M54A	X	-2.797	-2.797	0	%100
58	M54A	Z	0	0	0	%100
59	M55A	X	0	0	0	%100
60	M55A	Z	0	0	0	%100
61	M56A	X	0	0	0	%100
62	M56A	Z	0	0	0	%100
63	M57A	X	0	0	0	%100
64	M57A	Z	0	0	0	%100
65	M60A	X	-2.424	-2.424	0	%100
66	M60A	Z	0	0	0	%100
67	M61A	X	-2.424	-2.424	0	%100
68	M61A	Z	0	0	0	%100
69	M66A	X	-4.341	-4.341	0	%100
70	M66A	Z	0	0	0	%100
71	M67A	X	-3.286	-3.286	0	%100
72	M67A	Z	0	0	0	%100
73	M69A	X	-3.376	-3.376	0	%100
74	M69A	Z	0	0	0	%100
75	M71B	X	-4.341	-4.341	0	%100
76	M71B	Z	0	0	0	%100
77	M72A	X	-3.286	-3.286	0	%100
78	M72A	Z	0	0	0	%100
79	M74	X	-3.376	-3.376	0	%100
80	M74	Z	0	0	0	%100
81	M76	X	-3.55	-3.55	0	%100
82	M76	Z	0	0	0	%100
83	M77	X	-.887	-.887	0	%100
84	M77	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,%]
85	M89A	X	-2.398	-2.398	0	%100
86	M89A	Z	0	0	0	%100
87	MP2A	X	-3.114	-3.114	0	%100
88	MP2A	Z	0	0	0	%100
89	MP4C	X	-3.114	-3.114	0	%100
90	MP4C	Z	0	0	0	%100
91	MP3C	X	-3.114	-3.114	0	%100
92	MP3C	Z	0	0	0	%100
93	MP1C	X	-3.114	-3.114	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	-3.114	-3.114	0	%100
96	MP2C	Z	0	0	0	%100
97	MP4B	X	-3.114	-3.114	0	%100
98	MP4B	Z	0	0	0	%100
99	MP3B	X	-3.114	-3.114	0	%100
100	MP3B	Z	0	0	0	%100
101	MP1B	X	-3.114	-3.114	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	-3.114	-3.114	0	%100
104	MP2B	Z	0	0	0	%100
105	M94	X	0	0	0	%100
106	M94	Z	0	0	0	%100
107	M101	X	-2.543	-2.543	0	%100
108	M101	Z	0	0	0	%100
109	M104	X	-2.543	-2.543	0	%100
110	M104	Z	0	0	0	%100
111	M107	X	-2.47	-2.47	0	%100
112	M107	Z	0	0	0	%100
113	M108	X	-2.47	-2.47	0	%100
114	M108	Z	0	0	0	%100
115	M109	X	0	0	0	%100
116	M109	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	M20	X	-.808	-.808	0	%100
2	M20	Z	-.466	-.466	0	%100
3	M41A	X	-.63	-.63	0	%100
4	M41A	Z	-.363	-.363	0	%100
5	M42_1	X	-.63	-.63	0	%100
6	M42_1	Z	-.363	-.363	0	%100
7	M43A_1	X	-.946	-.946	0	%100
8	M43A_1	Z	-.546	-.546	0	%100
9	M46A	X	-2.799	-2.799	0	%100
10	M46A	Z	-1.616	-1.616	0	%100
11	M47	X	-.7	-.7	0	%100
12	M47	Z	-.404	-.404	0	%100
13	M64	X	-2.819	-2.819	0	%100
14	M64	Z	-1.628	-1.628	0	%100
15	M65	X	-.948	-.948	0	%100
16	M65	Z	-.548	-.548	0	%100
17	M71	X	-.975	-.975	0	%100
18	M71	Z	-.563	-.563	0	%100
19	M86	X	-2.819	-2.819	0	%100
20	M86	Z	-1.628	-1.628	0	%100
21	M87	X	-3.794	-3.794	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	M87	Z	-2.19	-2.19	0	%100
23	M90	X	-3.898	-3.898	0	%100
24	M90	Z	-2.251	-2.251	0	%100
25	M51A	X	-2.518	-2.518	0	%100
26	M51A	Z	-1.454	-1.454	0	%100
27	M52	X	-2.518	-2.518	0	%100
28	M52	Z	-1.454	-1.454	0	%100
29	M53A	X	-3.782	-3.782	0	%100
30	M53A	Z	-2.184	-2.184	0	%100
31	M56	X	-.7	-.7	0	%100
32	M56	Z	-.404	-.404	0	%100
33	M57	X	-.7	-.7	0	%100
34	M57	Z	-.404	-.404	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	0	0	0	%100
37	M63	X	-.948	-.948	0	%100
38	M63	Z	-.548	-.548	0	%100
39	M65A	X	-.975	-.975	0	%100
40	M65A	Z	-.563	-.563	0	%100
41	M67	X	0	0	0	%100
42	M67	Z	0	0	0	%100
43	M68A	X	-.948	-.948	0	%100
44	M68A	Z	-.548	-.548	0	%100
45	M70	X	-.975	-.975	0	%100
46	M70	Z	-.563	-.563	0	%100
47	MP4A	X	-2.697	-2.697	0	%100
48	MP4A	Z	-1.557	-1.557	0	%100
49	MP3A	X	-2.697	-2.697	0	%100
50	MP3A	Z	-1.557	-1.557	0	%100
51	MP1A	X	-2.697	-2.697	0	%100
52	MP1A	Z	-1.557	-1.557	0	%100
53	M109A	X	0	0	0	%100
54	M109A	Z	0	0	0	%100
55	M53	X	-.808	-.808	0	%100
56	M53	Z	-.466	-.466	0	%100
57	M54A	X	-3.23	-3.23	0	%100
58	M54A	Z	-1.865	-1.865	0	%100
59	M55A	X	-.63	-.63	0	%100
60	M55A	Z	-.363	-.363	0	%100
61	M56A	X	-.63	-.63	0	%100
62	M56A	Z	-.363	-.363	0	%100
63	M57A	X	-.946	-.946	0	%100
64	M57A	Z	-.546	-.546	0	%100
65	M60A	X	-.7	-.7	0	%100
66	M60A	Z	-.404	-.404	0	%100
67	M61A	X	-2.799	-2.799	0	%100
68	M61A	Z	-1.616	-1.616	0	%100
69	M66A	X	-2.819	-2.819	0	%100
70	M66A	Z	-1.628	-1.628	0	%100
71	M67A	X	-3.794	-3.794	0	%100
72	M67A	Z	-2.19	-2.19	0	%100
73	M69A	X	-3.898	-3.898	0	%100
74	M69A	Z	-2.251	-2.251	0	%100
75	M71B	X	-2.819	-2.819	0	%100
76	M71B	Z	-1.628	-1.628	0	%100
77	M72A	X	-.948	-.948	0	%100
78	M72A	Z	-.548	-.548	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	M74	X	-.975	-.975	0	%100
80	M74	Z	-.563	-.563	0	%100
81	M76	X	-2.306	-2.306	0	%100
82	M76	Z	-1.331	-1.331	0	%100
83	M77	X	-2.306	-2.306	0	%100
84	M77	Z	-1.331	-1.331	0	%100
85	M89A	X	-2.077	-2.077	0	%100
86	M89A	Z	-1.199	-1.199	0	%100
87	MP2A	X	-2.697	-2.697	0	%100
88	MP2A	Z	-1.557	-1.557	0	%100
89	MP4C	X	-2.697	-2.697	0	%100
90	MP4C	Z	-1.557	-1.557	0	%100
91	MP3C	X	-2.697	-2.697	0	%100
92	MP3C	Z	-1.557	-1.557	0	%100
93	MP1C	X	-2.697	-2.697	0	%100
94	MP1C	Z	-1.557	-1.557	0	%100
95	MP2C	X	-2.697	-2.697	0	%100
96	MP2C	Z	-1.557	-1.557	0	%100
97	MP4B	X	-2.697	-2.697	0	%100
98	MP4B	Z	-1.557	-1.557	0	%100
99	MP3B	X	-2.697	-2.697	0	%100
100	MP3B	Z	-1.557	-1.557	0	%100
101	MP1B	X	-2.697	-2.697	0	%100
102	MP1B	Z	-1.557	-1.557	0	%100
103	MP2B	X	-2.697	-2.697	0	%100
104	MP2B	Z	-1.557	-1.557	0	%100
105	M94	X	-.734	-.734	0	%100
106	M94	Z	-.424	-.424	0	%100
107	M101	X	-.734	-.734	0	%100
108	M101	Z	-.424	-.424	0	%100
109	M104	X	-2.937	-2.937	0	%100
110	M104	Z	-1.696	-1.696	0	%100
111	M107	X	-.713	-.713	0	%100
112	M107	Z	-.412	-.412	0	%100
113	M108	X	-2.853	-2.853	0	%100
114	M108	Z	-1.647	-1.647	0	%100
115	M109	X	-.713	-.713	0	%100
116	M109	Z	-.412	-.412	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	M20	X	-1.399	-1.399	0	%100
2	M20	Z	-2.423	-2.423	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	0	0	0	%100
9	M46A	X	-1.212	-1.212	0	%100
10	M46A	Z	-2.099	-2.099	0	%100
11	M47	X	-1.212	-1.212	0	%100
12	M47	Z	-2.099	-2.099	0	%100
13	M64	X	-2.17	-2.17	0	%100
14	M64	Z	-3.759	-3.759	0	%100
15	M65	X	-1.643	-1.643	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,%]
16	M65	Z	-2.845	-2.845	0	%100
17	M71	X	-1.688	-1.688	0	%100
18	M71	Z	-2.924	-2.924	0	%100
19	M86	X	-2.17	-2.17	0	%100
20	M86	Z	-3.759	-3.759	0	%100
21	M87	X	-1.643	-1.643	0	%100
22	M87	Z	-2.845	-2.845	0	%100
23	M90	X	-1.688	-1.688	0	%100
24	M90	Z	-2.924	-2.924	0	%100
25	M51A	X	-1.09	-1.09	0	%100
26	M51A	Z	-1.889	-1.889	0	%100
27	M52	X	-1.09	-1.09	0	%100
28	M52	Z	-1.889	-1.889	0	%100
29	M53A	X	-1.638	-1.638	0	%100
30	M53A	Z	-2.837	-2.837	0	%100
31	M56	X	-1.212	-1.212	0	%100
32	M56	Z	-2.099	-2.099	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	0	0	0	%100
35	M62	X	-.543	-.543	0	%100
36	M62	Z	-.94	-.94	0	%100
37	M63	X	0	0	0	%100
38	M63	Z	0	0	0	%100
39	M65A	X	0	0	0	%100
40	M65A	Z	0	0	0	%100
41	M67	X	-.543	-.543	0	%100
42	M67	Z	-.94	-.94	0	%100
43	M68A	X	-1.643	-1.643	0	%100
44	M68A	Z	-2.845	-2.845	0	%100
45	M70	X	-1.688	-1.688	0	%100
46	M70	Z	-2.924	-2.924	0	%100
47	MP4A	X	-1.557	-1.557	0	%100
48	MP4A	Z	-2.697	-2.697	0	%100
49	MP3A	X	-1.557	-1.557	0	%100
50	MP3A	Z	-2.697	-2.697	0	%100
51	MP1A	X	-1.557	-1.557	0	%100
52	MP1A	Z	-2.697	-2.697	0	%100
53	M109A	X	-.444	-.444	0	%100
54	M109A	Z	-.769	-.769	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	0	0	0	%100
57	M54A	X	-1.399	-1.399	0	%100
58	M54A	Z	-2.423	-2.423	0	%100
59	M55A	X	-1.09	-1.09	0	%100
60	M55A	Z	-1.889	-1.889	0	%100
61	M56A	X	-1.09	-1.09	0	%100
62	M56A	Z	-1.889	-1.889	0	%100
63	M57A	X	-1.638	-1.638	0	%100
64	M57A	Z	-2.837	-2.837	0	%100
65	M60A	X	0	0	0	%100
66	M60A	Z	0	0	0	%100
67	M61A	X	-1.212	-1.212	0	%100
68	M61A	Z	-2.099	-2.099	0	%100
69	M66A	X	-.543	-.543	0	%100
70	M66A	Z	-.94	-.94	0	%100
71	M67A	X	-1.643	-1.643	0	%100
72	M67A	Z	-2.845	-2.845	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,%]
73	M69A	X	-1.688	-1.688	0	%100
74	M69A	Z	-2.924	-2.924	0	%100
75	M71B	X	-.543	-.543	0	%100
76	M71B	Z	-.94	-.94	0	%100
77	M72A	X	0	0	0	%100
78	M72A	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M76	X	-.444	-.444	0	%100
82	M76	Z	-.769	-.769	0	%100
83	M77	X	-1.775	-1.775	0	%100
84	M77	Z	-3.074	-3.074	0	%100
85	M89A	X	-1.199	-1.199	0	%100
86	M89A	Z	-2.077	-2.077	0	%100
87	MP2A	X	-1.557	-1.557	0	%100
88	MP2A	Z	-2.697	-2.697	0	%100
89	MP4C	X	-1.557	-1.557	0	%100
90	MP4C	Z	-2.697	-2.697	0	%100
91	MP3C	X	-1.557	-1.557	0	%100
92	MP3C	Z	-2.697	-2.697	0	%100
93	MP1C	X	-1.557	-1.557	0	%100
94	MP1C	Z	-2.697	-2.697	0	%100
95	MP2C	X	-1.557	-1.557	0	%100
96	MP2C	Z	-2.697	-2.697	0	%100
97	MP4B	X	-1.557	-1.557	0	%100
98	MP4B	Z	-2.697	-2.697	0	%100
99	MP3B	X	-1.557	-1.557	0	%100
100	MP3B	Z	-2.697	-2.697	0	%100
101	MP1B	X	-1.557	-1.557	0	%100
102	MP1B	Z	-2.697	-2.697	0	%100
103	MP2B	X	-1.557	-1.557	0	%100
104	MP2B	Z	-2.697	-2.697	0	%100
105	M94	X	-1.272	-1.272	0	%100
106	M94	Z	-2.203	-2.203	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M104	X	-1.272	-1.272	0	%100
110	M104	Z	-2.203	-2.203	0	%100
111	M107	X	0	0	0	%100
112	M107	Z	0	0	0	%100
113	M108	X	-1.235	-1.235	0	%100
114	M108	Z	-2.139	-2.139	0	%100
115	M109	X	-1.235	-1.235	0	%100
116	M109	Z	-2.139	-2.139	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	M20	X	0	0	0	%100
2	M20	Z	-.683	-.683	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	-.147	-.147	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	-.147	-.147	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	-.293	-.293	0	%100
9	M46A	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,%]
10	M46A	Z	-.159	-.159	0	%100
11	M47	X	0	0	0	%100
12	M47	Z	-.637	-.637	0	%100
13	M64	X	0	0	0	%100
14	M64	Z	-.883	-.883	0	%100
15	M65	X	0	0	0	%100
16	M65	Z	-1.192	-1.192	0	%100
17	M71	X	0	0	0	%100
18	M71	Z	-1.235	-1.235	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	-.883	-.883	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	-.298	-.298	0	%100
23	M90	X	0	0	0	%100
24	M90	Z	-.309	-.309	0	%100
25	M51A	X	0	0	0	%100
26	M51A	Z	-.147	-.147	0	%100
27	M52	X	0	0	0	%100
28	M52	Z	-.147	-.147	0	%100
29	M53A	X	0	0	0	%100
30	M53A	Z	-.293	-.293	0	%100
31	M56	X	0	0	0	%100
32	M56	Z	-.637	-.637	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	-.159	-.159	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	-.883	-.883	0	%100
37	M63	X	0	0	0	%100
38	M63	Z	-.298	-.298	0	%100
39	M65A	X	0	0	0	%100
40	M65A	Z	-.309	-.309	0	%100
41	M67	X	0	0	0	%100
42	M67	Z	-.883	-.883	0	%100
43	M68A	X	0	0	0	%100
44	M68A	Z	-1.192	-1.192	0	%100
45	M70	X	0	0	0	%100
46	M70	Z	-1.235	-1.235	0	%100
47	MP4A	X	0	0	0	%100
48	MP4A	Z	-.463	-.463	0	%100
49	MP3A	X	0	0	0	%100
50	MP3A	Z	-.463	-.463	0	%100
51	MP1A	X	0	0	0	%100
52	MP1A	Z	-.463	-.463	0	%100
53	M109A	X	0	0	0	%100
54	M109A	Z	-.522	-.522	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	-.171	-.171	0	%100
57	M54A	X	0	0	0	%100
58	M54A	Z	-.171	-.171	0	%100
59	M55A	X	0	0	0	%100
60	M55A	Z	-.588	-.588	0	%100
61	M56A	X	0	0	0	%100
62	M56A	Z	-.588	-.588	0	%100
63	M57A	X	0	0	0	%100
64	M57A	Z	-1.17	-1.17	0	%100
65	M60A	X	0	0	0	%100
66	M60A	Z	-.159	-.159	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,%]
67	M61A	X	0	0	0	%100
68	M61A	Z	-.159	-.159	0	%100
69	M66A	X	0	0	0	%100
70	M66A	Z	0	0	0	%100
71	M67A	X	0	0	0	%100
72	M67A	Z	-.298	-.298	0	%100
73	M69A	X	0	0	0	%100
74	M69A	Z	-.309	-.309	0	%100
75	M71B	X	0	0	0	%100
76	M71B	Z	0	0	0	%100
77	M72A	X	0	0	0	%100
78	M72A	Z	-.298	-.298	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	-.309	-.309	0	%100
81	M76	X	0	0	0	%100
82	M76	Z	0	0	0	%100
83	M77	X	0	0	0	%100
84	M77	Z	-.522	-.522	0	%100
85	M89A	X	0	0	0	%100
86	M89A	Z	-.379	-.379	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-.463	-.463	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-.463	-.463	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	-.463	-.463	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-.463	-.463	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-.463	-.463	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-.463	-.463	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-.463	-.463	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-.463	-.463	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-.463	-.463	0	%100
105	M94	X	0	0	0	%100
106	M94	Z	-.561	-.561	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	-.14	-.14	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	-.14	-.14	0	%100
111	M107	X	0	0	0	%100
112	M107	Z	-.182	-.182	0	%100
113	M108	X	0	0	0	%100
114	M108	Z	-.182	-.182	0	%100
115	M109	X	0	0	0	%100
116	M109	Z	-.726	-.726	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	M20	X	.256	.256	0	%100
2	M20	Z	-.443	-.443	0	%100
3	M41A	X	.22	.22	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,%]
4	M41A	Z	-.382	-.382	0	%100
5	M42_1	X	.22	.22	0	%100
6	M42_1	Z	-.382	-.382	0	%100
7	M43A_1	X	.439	.439	0	%100
8	M43A_1	Z	-.76	-.76	0	%100
9	M46A	X	0	0	0	%100
10	M46A	Z	0	0	0	%100
11	M47	X	.239	.239	0	%100
12	M47	Z	-.414	-.414	0	%100
13	M64	X	.147	.147	0	%100
14	M64	Z	-.255	-.255	0	%100
15	M65	X	.447	.447	0	%100
16	M65	Z	-.774	-.774	0	%100
17	M71	X	.463	.463	0	%100
18	M71	Z	-.802	-.802	0	%100
19	M86	X	.147	.147	0	%100
20	M86	Z	-.255	-.255	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	0	0	0	%100
23	M90	X	0	0	0	%100
24	M90	Z	0	0	0	%100
25	M51A	X	0	0	0	%100
26	M51A	Z	0	0	0	%100
27	M52	X	0	0	0	%100
28	M52	Z	0	0	0	%100
29	M53A	X	0	0	0	%100
30	M53A	Z	0	0	0	%100
31	M56	X	.239	.239	0	%100
32	M56	Z	-.414	-.414	0	%100
33	M57	X	.239	.239	0	%100
34	M57	Z	-.414	-.414	0	%100
35	M62	X	.589	.589	0	%100
36	M62	Z	-1.02	-1.02	0	%100
37	M63	X	.447	.447	0	%100
38	M63	Z	-.774	-.774	0	%100
39	M65A	X	.463	.463	0	%100
40	M65A	Z	-.802	-.802	0	%100
41	M67	X	.589	.589	0	%100
42	M67	Z	-1.02	-1.02	0	%100
43	M68A	X	.447	.447	0	%100
44	M68A	Z	-.774	-.774	0	%100
45	M70	X	.463	.463	0	%100
46	M70	Z	-.802	-.802	0	%100
47	MP4A	X	.232	.232	0	%100
48	MP4A	Z	-.401	-.401	0	%100
49	MP3A	X	.232	.232	0	%100
50	MP3A	Z	-.401	-.401	0	%100
51	MP1A	X	.232	.232	0	%100
52	MP1A	Z	-.401	-.401	0	%100
53	M109A	X	.348	.348	0	%100
54	M109A	Z	-.603	-.603	0	%100
55	M53	X	.256	.256	0	%100
56	M53	Z	-.443	-.443	0	%100
57	M54A	X	0	0	0	%100
58	M54A	Z	0	0	0	%100
59	M55A	X	.22	.22	0	%100
60	M55A	Z	-.382	-.382	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,%]
61	M56A	X	.22	.22	0	%100
62	M56A	Z	-.382	-.382	0	%100
63	M57A	X	.439	.439	0	%100
64	M57A	Z	-.76	-.76	0	%100
65	M60A	X	.239	.239	0	%100
66	M60A	Z	-.414	-.414	0	%100
67	M61A	X	0	0	0	%100
68	M61A	Z	0	0	0	%100
69	M66A	X	.147	.147	0	%100
70	M66A	Z	-.255	-.255	0	%100
71	M67A	X	0	0	0	%100
72	M67A	Z	0	0	0	%100
73	M69A	X	0	0	0	%100
74	M69A	Z	0	0	0	%100
75	M71B	X	.147	.147	0	%100
76	M71B	Z	-.255	-.255	0	%100
77	M72A	X	.447	.447	0	%100
78	M72A	Z	-.774	-.774	0	%100
79	M74	X	.463	.463	0	%100
80	M74	Z	-.802	-.802	0	%100
81	M76	X	.087	.087	0	%100
82	M76	Z	-.151	-.151	0	%100
83	M77	X	.087	.087	0	%100
84	M77	Z	-.151	-.151	0	%100
85	M89A	X	.189	.189	0	%100
86	M89A	Z	-.328	-.328	0	%100
87	MP2A	X	.232	.232	0	%100
88	MP2A	Z	-.401	-.401	0	%100
89	MP4C	X	.232	.232	0	%100
90	MP4C	Z	-.401	-.401	0	%100
91	MP3C	X	.232	.232	0	%100
92	MP3C	Z	-.401	-.401	0	%100
93	MP1C	X	.232	.232	0	%100
94	MP1C	Z	-.401	-.401	0	%100
95	MP2C	X	.232	.232	0	%100
96	MP2C	Z	-.401	-.401	0	%100
97	MP4B	X	.232	.232	0	%100
98	MP4B	Z	-.401	-.401	0	%100
99	MP3B	X	.232	.232	0	%100
100	MP3B	Z	-.401	-.401	0	%100
101	MP1B	X	.232	.232	0	%100
102	MP1B	Z	-.401	-.401	0	%100
103	MP2B	X	.232	.232	0	%100
104	MP2B	Z	-.401	-.401	0	%100
105	M94	X	.21	.21	0	%100
106	M94	Z	-.364	-.364	0	%100
107	M101	X	.21	.21	0	%100
108	M101	Z	-.364	-.364	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M107	X	.272	.272	0	%100
112	M107	Z	-.472	-.472	0	%100
113	M108	X	0	0	0	%100
114	M108	Z	0	0	0	%100
115	M109	X	.272	.272	0	%100
116	M109	Z	-.472	-.472	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	.148	.148	0	%100
2	M20	Z	-.085	-.085	0	%100
3	M41A	X	.509	.509	0	%100
4	M41A	Z	-.294	-.294	0	%100
5	M42_1	X	.509	.509	0	%100
6	M42_1	Z	-.294	-.294	0	%100
7	M43A_1	X	1.014	1.014	0	%100
8	M43A_1	Z	-.585	-.585	0	%100
9	M46A	X	.138	.138	0	%100
10	M46A	Z	-.08	-.08	0	%100
11	M47	X	.138	.138	0	%100
12	M47	Z	-.08	-.08	0	%100
13	M64	X	0	0	0	%100
14	M64	Z	0	0	0	%100
15	M65	X	.258	.258	0	%100
16	M65	Z	-.149	-.149	0	%100
17	M71	X	.267	.267	0	%100
18	M71	Z	-.154	-.154	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	.258	.258	0	%100
22	M87	Z	-.149	-.149	0	%100
23	M90	X	.267	.267	0	%100
24	M90	Z	-.154	-.154	0	%100
25	M51A	X	.127	.127	0	%100
26	M51A	Z	-.073	-.073	0	%100
27	M52	X	.127	.127	0	%100
28	M52	Z	-.073	-.073	0	%100
29	M53A	X	.253	.253	0	%100
30	M53A	Z	-.146	-.146	0	%100
31	M56	X	.138	.138	0	%100
32	M56	Z	-.08	-.08	0	%100
33	M57	X	.552	.552	0	%100
34	M57	Z	-.319	-.319	0	%100
35	M62	X	.765	.765	0	%100
36	M62	Z	-.442	-.442	0	%100
37	M63	X	1.032	1.032	0	%100
38	M63	Z	-.596	-.596	0	%100
39	M65A	X	1.07	1.07	0	%100
40	M65A	Z	-.618	-.618	0	%100
41	M67	X	.765	.765	0	%100
42	M67	Z	-.442	-.442	0	%100
43	M68A	X	.258	.258	0	%100
44	M68A	Z	-.149	-.149	0	%100
45	M70	X	.267	.267	0	%100
46	M70	Z	-.154	-.154	0	%100
47	MP4A	X	.401	.401	0	%100
48	MP4A	Z	-.232	-.232	0	%100
49	MP3A	X	.401	.401	0	%100
50	MP3A	Z	-.232	-.232	0	%100
51	MP1A	X	.401	.401	0	%100
52	MP1A	Z	-.232	-.232	0	%100
53	M109A	X	.452	.452	0	%100
54	M109A	Z	-.261	-.261	0	%100
55	M53	X	.591	.591	0	%100
56	M53	Z	-.341	-.341	0	%100
57	M54A	X	.148	.148	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,%]
58	M54A	Z	-.085	-.085	0	%100
59	M55A	X	.127	.127	0	%100
60	M55A	Z	-.073	-.073	0	%100
61	M56A	X	.127	.127	0	%100
62	M56A	Z	-.073	-.073	0	%100
63	M57A	X	.253	.253	0	%100
64	M57A	Z	-.146	-.146	0	%100
65	M60A	X	.552	.552	0	%100
66	M60A	Z	-.319	-.319	0	%100
67	M61A	X	.138	.138	0	%100
68	M61A	Z	-.08	-.08	0	%100
69	M66A	X	.765	.765	0	%100
70	M66A	Z	-.442	-.442	0	%100
71	M67A	X	.258	.258	0	%100
72	M67A	Z	-.149	-.149	0	%100
73	M69A	X	.267	.267	0	%100
74	M69A	Z	-.154	-.154	0	%100
75	M71B	X	.765	.765	0	%100
76	M71B	Z	-.442	-.442	0	%100
77	M72A	X	1.032	1.032	0	%100
78	M72A	Z	-.596	-.596	0	%100
79	M74	X	1.07	1.07	0	%100
80	M74	Z	-.618	-.618	0	%100
81	M76	X	.452	.452	0	%100
82	M76	Z	-.261	-.261	0	%100
83	M77	X	0	0	0	%100
84	M77	Z	0	0	0	%100
85	M89A	X	.328	.328	0	%100
86	M89A	Z	-.189	-.189	0	%100
87	MP2A	X	.401	.401	0	%100
88	MP2A	Z	-.232	-.232	0	%100
89	MP4C	X	.401	.401	0	%100
90	MP4C	Z	-.232	-.232	0	%100
91	MP3C	X	.401	.401	0	%100
92	MP3C	Z	-.232	-.232	0	%100
93	MP1C	X	.401	.401	0	%100
94	MP1C	Z	-.232	-.232	0	%100
95	MP2C	X	.401	.401	0	%100
96	MP2C	Z	-.232	-.232	0	%100
97	MP4B	X	.401	.401	0	%100
98	MP4B	Z	-.232	-.232	0	%100
99	MP3B	X	.401	.401	0	%100
100	MP3B	Z	-.232	-.232	0	%100
101	MP1B	X	.401	.401	0	%100
102	MP1B	Z	-.232	-.232	0	%100
103	MP2B	X	.401	.401	0	%100
104	MP2B	Z	-.232	-.232	0	%100
105	M94	X	.121	.121	0	%100
106	M94	Z	-.07	-.07	0	%100
107	M101	X	.486	.486	0	%100
108	M101	Z	-.28	-.28	0	%100
109	M104	X	.121	.121	0	%100
110	M104	Z	-.07	-.07	0	%100
111	M107	X	.629	.629	0	%100
112	M107	Z	-.363	-.363	0	%100
113	M108	X	.157	.157	0	%100
114	M108	Z	-.091	-.091	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,%]
115	M109	X	.157	.157	0	%100
116	M109	Z	-.091	-.091	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M41A	X	.441	.441	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	.441	.441	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	.878	.878	0	%100
8	M43A_1	Z	0	0	0	%100
9	M46A	X	.478	.478	0	%100
10	M46A	Z	0	0	0	%100
11	M47	X	0	0	0	%100
12	M47	Z	0	0	0	%100
13	M64	X	.294	.294	0	%100
14	M64	Z	0	0	0	%100
15	M65	X	0	0	0	%100
16	M65	Z	0	0	0	%100
17	M71	X	0	0	0	%100
18	M71	Z	0	0	0	%100
19	M86	X	.294	.294	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	.894	.894	0	%100
22	M87	Z	0	0	0	%100
23	M90	X	.927	.927	0	%100
24	M90	Z	0	0	0	%100
25	M51A	X	.441	.441	0	%100
26	M51A	Z	0	0	0	%100
27	M52	X	.441	.441	0	%100
28	M52	Z	0	0	0	%100
29	M53A	X	.878	.878	0	%100
30	M53A	Z	0	0	0	%100
31	M56	X	0	0	0	%100
32	M56	Z	0	0	0	%100
33	M57	X	.478	.478	0	%100
34	M57	Z	0	0	0	%100
35	M62	X	.294	.294	0	%100
36	M62	Z	0	0	0	%100
37	M63	X	.894	.894	0	%100
38	M63	Z	0	0	0	%100
39	M65A	X	.927	.927	0	%100
40	M65A	Z	0	0	0	%100
41	M67	X	.294	.294	0	%100
42	M67	Z	0	0	0	%100
43	M68A	X	0	0	0	%100
44	M68A	Z	0	0	0	%100
45	M70	X	0	0	0	%100
46	M70	Z	0	0	0	%100
47	MP4A	X	.463	.463	0	%100
48	MP4A	Z	0	0	0	%100
49	MP3A	X	.463	.463	0	%100
50	MP3A	Z	0	0	0	%100
51	MP1A	X	.463	.463	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,%]
52	MP1A	Z	0	0	0	%100
53	M109A	X	.174	.174	0	%100
54	M109A	Z	0	0	0	%100
55	M53	X	.512	.512	0	%100
56	M53	Z	0	0	0	%100
57	M54A	X	.512	.512	0	%100
58	M54A	Z	0	0	0	%100
59	M55A	X	0	0	0	%100
60	M55A	Z	0	0	0	%100
61	M56A	X	0	0	0	%100
62	M56A	Z	0	0	0	%100
63	M57A	X	0	0	0	%100
64	M57A	Z	0	0	0	%100
65	M60A	X	.478	.478	0	%100
66	M60A	Z	0	0	0	%100
67	M61A	X	.478	.478	0	%100
68	M61A	Z	0	0	0	%100
69	M66A	X	1.178	1.178	0	%100
70	M66A	Z	0	0	0	%100
71	M67A	X	.894	.894	0	%100
72	M67A	Z	0	0	0	%100
73	M69A	X	.927	.927	0	%100
74	M69A	Z	0	0	0	%100
75	M71B	X	1.178	1.178	0	%100
76	M71B	Z	0	0	0	%100
77	M72A	X	.894	.894	0	%100
78	M72A	Z	0	0	0	%100
79	M74	X	.927	.927	0	%100
80	M74	Z	0	0	0	%100
81	M76	X	.696	.696	0	%100
82	M76	Z	0	0	0	%100
83	M77	X	.174	.174	0	%100
84	M77	Z	0	0	0	%100
85	M89A	X	.379	.379	0	%100
86	M89A	Z	0	0	0	%100
87	MP2A	X	.463	.463	0	%100
88	MP2A	Z	0	0	0	%100
89	MP4C	X	.463	.463	0	%100
90	MP4C	Z	0	0	0	%100
91	MP3C	X	.463	.463	0	%100
92	MP3C	Z	0	0	0	%100
93	MP1C	X	.463	.463	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	.463	.463	0	%100
96	MP2C	Z	0	0	0	%100
97	MP4B	X	.463	.463	0	%100
98	MP4B	Z	0	0	0	%100
99	MP3B	X	.463	.463	0	%100
100	MP3B	Z	0	0	0	%100
101	MP1B	X	.463	.463	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	.463	.463	0	%100
104	MP2B	Z	0	0	0	%100
105	M94	X	0	0	0	%100
106	M94	Z	0	0	0	%100
107	M101	X	.421	.421	0	%100
108	M101	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,%]
109	M104	X	.421	.421	0	%100
110	M104	Z	0	0	0	%100
111	M107	X	.545	.545	0	%100
112	M107	Z	0	0	0	%100
113	M108	X	.545	.545	0	%100
114	M108	Z	0	0	0	%100
115	M109	X	0	0	0	%100
116	M109	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	M20	X	.148	.148	0	%100
2	M20	Z	.085	.085	0	%100
3	M41A	X	.127	.127	0	%100
4	M41A	Z	.073	.073	0	%100
5	M42_1	X	.127	.127	0	%100
6	M42_1	Z	.073	.073	0	%100
7	M43A_1	X	.253	.253	0	%100
8	M43A_1	Z	.146	.146	0	%100
9	M46A	X	.552	.552	0	%100
10	M46A	Z	.319	.319	0	%100
11	M47	X	.138	.138	0	%100
12	M47	Z	.08	.08	0	%100
13	M64	X	.765	.765	0	%100
14	M64	Z	.442	.442	0	%100
15	M65	X	.258	.258	0	%100
16	M65	Z	.149	.149	0	%100
17	M71	X	.267	.267	0	%100
18	M71	Z	.154	.154	0	%100
19	M86	X	.765	.765	0	%100
20	M86	Z	.442	.442	0	%100
21	M87	X	1.032	1.032	0	%100
22	M87	Z	.596	.596	0	%100
23	M90	X	1.07	1.07	0	%100
24	M90	Z	.618	.618	0	%100
25	M51A	X	.509	.509	0	%100
26	M51A	Z	.294	.294	0	%100
27	M52	X	.509	.509	0	%100
28	M52	Z	.294	.294	0	%100
29	M53A	X	1.014	1.014	0	%100
30	M53A	Z	.585	.585	0	%100
31	M56	X	.138	.138	0	%100
32	M56	Z	.08	.08	0	%100
33	M57	X	.138	.138	0	%100
34	M57	Z	.08	.08	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	0	0	0	%100
37	M63	X	.258	.258	0	%100
38	M63	Z	.149	.149	0	%100
39	M65A	X	.267	.267	0	%100
40	M65A	Z	.154	.154	0	%100
41	M67	X	0	0	0	%100
42	M67	Z	0	0	0	%100
43	M68A	X	.258	.258	0	%100
44	M68A	Z	.149	.149	0	%100
45	M70	X	.267	.267	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,%]
46	M70	Z	.154	.154	0	%100
47	MP4A	X	.401	.401	0	%100
48	MP4A	Z	.232	.232	0	%100
49	MP3A	X	.401	.401	0	%100
50	MP3A	Z	.232	.232	0	%100
51	MP1A	X	.401	.401	0	%100
52	MP1A	Z	.232	.232	0	%100
53	M109A	X	0	0	0	%100
54	M109A	Z	0	0	0	%100
55	M53	X	.148	.148	0	%100
56	M53	Z	.085	.085	0	%100
57	M54A	X	.591	.591	0	%100
58	M54A	Z	.341	.341	0	%100
59	M55A	X	.127	.127	0	%100
60	M55A	Z	.073	.073	0	%100
61	M56A	X	.127	.127	0	%100
62	M56A	Z	.073	.073	0	%100
63	M57A	X	.253	.253	0	%100
64	M57A	Z	.146	.146	0	%100
65	M60A	X	.138	.138	0	%100
66	M60A	Z	.08	.08	0	%100
67	M61A	X	.552	.552	0	%100
68	M61A	Z	.319	.319	0	%100
69	M66A	X	.765	.765	0	%100
70	M66A	Z	.442	.442	0	%100
71	M67A	X	1.032	1.032	0	%100
72	M67A	Z	.596	.596	0	%100
73	M69A	X	1.07	1.07	0	%100
74	M69A	Z	.618	.618	0	%100
75	M71B	X	.765	.765	0	%100
76	M71B	Z	.442	.442	0	%100
77	M72A	X	.258	.258	0	%100
78	M72A	Z	.149	.149	0	%100
79	M74	X	.267	.267	0	%100
80	M74	Z	.154	.154	0	%100
81	M76	X	.452	.452	0	%100
82	M76	Z	.261	.261	0	%100
83	M77	X	.452	.452	0	%100
84	M77	Z	.261	.261	0	%100
85	M89A	X	.328	.328	0	%100
86	M89A	Z	.189	.189	0	%100
87	MP2A	X	.401	.401	0	%100
88	MP2A	Z	.232	.232	0	%100
89	MP4C	X	.401	.401	0	%100
90	MP4C	Z	.232	.232	0	%100
91	MP3C	X	.401	.401	0	%100
92	MP3C	Z	.232	.232	0	%100
93	MP1C	X	.401	.401	0	%100
94	MP1C	Z	.232	.232	0	%100
95	MP2C	X	.401	.401	0	%100
96	MP2C	Z	.232	.232	0	%100
97	MP4B	X	.401	.401	0	%100
98	MP4B	Z	.232	.232	0	%100
99	MP3B	X	.401	.401	0	%100
100	MP3B	Z	.232	.232	0	%100
101	MP1B	X	.401	.401	0	%100
102	MP1B	Z	.232	.232	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,%]
103	MP2B	X	.401	.401	0	%100
104	MP2B	Z	.232	.232	0	%100
105	M94	X	.121	.121	0	%100
106	M94	Z	.07	.07	0	%100
107	M101	X	.121	.121	0	%100
108	M101	Z	.07	.07	0	%100
109	M104	X	.486	.486	0	%100
110	M104	Z	.28	.28	0	%100
111	M107	X	.157	.157	0	%100
112	M107	Z	.091	.091	0	%100
113	M108	X	.629	.629	0	%100
114	M108	Z	.363	.363	0	%100
115	M109	X	.157	.157	0	%100
116	M109	Z	.091	.091	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	M20	X	.256	.256	0	%100
2	M20	Z	.443	.443	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	0	0	0	%100
9	M46A	X	.239	.239	0	%100
10	M46A	Z	.414	.414	0	%100
11	M47	X	.239	.239	0	%100
12	M47	Z	.414	.414	0	%100
13	M64	X	.589	.589	0	%100
14	M64	Z	1.02	1.02	0	%100
15	M65	X	.447	.447	0	%100
16	M65	Z	.774	.774	0	%100
17	M71	X	.463	.463	0	%100
18	M71	Z	.802	.802	0	%100
19	M86	X	.589	.589	0	%100
20	M86	Z	1.02	1.02	0	%100
21	M87	X	.447	.447	0	%100
22	M87	Z	.774	.774	0	%100
23	M90	X	.463	.463	0	%100
24	M90	Z	.802	.802	0	%100
25	M51A	X	.22	.22	0	%100
26	M51A	Z	.382	.382	0	%100
27	M52	X	.22	.22	0	%100
28	M52	Z	.382	.382	0	%100
29	M53A	X	.439	.439	0	%100
30	M53A	Z	.76	.76	0	%100
31	M56	X	.239	.239	0	%100
32	M56	Z	.414	.414	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	0	0	0	%100
35	M62	X	.147	.147	0	%100
36	M62	Z	.255	.255	0	%100
37	M63	X	0	0	0	%100
38	M63	Z	0	0	0	%100
39	M65A	X	0	0	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,%]
40	M65A	Z	0	0	0	%100
41	M67	X	.147	.147	0	%100
42	M67	Z	.255	.255	0	%100
43	M68A	X	.447	.447	0	%100
44	M68A	Z	.774	.774	0	%100
45	M70	X	.463	.463	0	%100
46	M70	Z	.802	.802	0	%100
47	MP4A	X	.232	.232	0	%100
48	MP4A	Z	.401	.401	0	%100
49	MP3A	X	.232	.232	0	%100
50	MP3A	Z	.401	.401	0	%100
51	MP1A	X	.232	.232	0	%100
52	MP1A	Z	.401	.401	0	%100
53	M109A	X	.087	.087	0	%100
54	M109A	Z	.151	.151	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	0	0	0	%100
57	M54A	X	.256	.256	0	%100
58	M54A	Z	.443	.443	0	%100
59	M55A	X	.22	.22	0	%100
60	M55A	Z	.382	.382	0	%100
61	M56A	X	.22	.22	0	%100
62	M56A	Z	.382	.382	0	%100
63	M57A	X	.439	.439	0	%100
64	M57A	Z	.76	.76	0	%100
65	M60A	X	0	0	0	%100
66	M60A	Z	0	0	0	%100
67	M61A	X	.239	.239	0	%100
68	M61A	Z	.414	.414	0	%100
69	M66A	X	.147	.147	0	%100
70	M66A	Z	.255	.255	0	%100
71	M67A	X	.447	.447	0	%100
72	M67A	Z	.774	.774	0	%100
73	M69A	X	.463	.463	0	%100
74	M69A	Z	.802	.802	0	%100
75	M71B	X	.147	.147	0	%100
76	M71B	Z	.255	.255	0	%100
77	M72A	X	0	0	0	%100
78	M72A	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M76	X	.087	.087	0	%100
82	M76	Z	.151	.151	0	%100
83	M77	X	.348	.348	0	%100
84	M77	Z	.603	.603	0	%100
85	M89A	X	.189	.189	0	%100
86	M89A	Z	.328	.328	0	%100
87	MP2A	X	.232	.232	0	%100
88	MP2A	Z	.401	.401	0	%100
89	MP4C	X	.232	.232	0	%100
90	MP4C	Z	.401	.401	0	%100
91	MP3C	X	.232	.232	0	%100
92	MP3C	Z	.401	.401	0	%100
93	MP1C	X	.232	.232	0	%100
94	MP1C	Z	.401	.401	0	%100
95	MP2C	X	.232	.232	0	%100
96	MP2C	Z	.401	.401	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,%]
97	MP4B	X	.232	.232	0	%100
98	MP4B	Z	.401	.401	0	%100
99	MP3B	X	.232	.232	0	%100
100	MP3B	Z	.401	.401	0	%100
101	MP1B	X	.232	.232	0	%100
102	MP1B	Z	.401	.401	0	%100
103	MP2B	X	.232	.232	0	%100
104	MP2B	Z	.401	.401	0	%100
105	M94	X	.21	.21	0	%100
106	M94	Z	.364	.364	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M104	X	.21	.21	0	%100
110	M104	Z	.364	.364	0	%100
111	M107	X	0	0	0	%100
112	M107	Z	0	0	0	%100
113	M108	X	.272	.272	0	%100
114	M108	Z	.472	.472	0	%100
115	M109	X	.272	.272	0	%100
116	M109	Z	.472	.472	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	.683	.683	0	%100
3	M41A	X	0	0	0	%100
4	M41A	Z	.147	.147	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	.147	.147	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	.293	.293	0	%100
9	M46A	X	0	0	0	%100
10	M46A	Z	.159	.159	0	%100
11	M47	X	0	0	0	%100
12	M47	Z	.637	.637	0	%100
13	M64	X	0	0	0	%100
14	M64	Z	.883	.883	0	%100
15	M65	X	0	0	0	%100
16	M65	Z	1.192	1.192	0	%100
17	M71	X	0	0	0	%100
18	M71	Z	1.235	1.235	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	.883	.883	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	.298	.298	0	%100
23	M90	X	0	0	0	%100
24	M90	Z	.309	.309	0	%100
25	M51A	X	0	0	0	%100
26	M51A	Z	.147	.147	0	%100
27	M52	X	0	0	0	%100
28	M52	Z	.147	.147	0	%100
29	M53A	X	0	0	0	%100
30	M53A	Z	.293	.293	0	%100
31	M56	X	0	0	0	%100
32	M56	Z	.637	.637	0	%100
33	M57	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,%]
34	M57	Z	.159	.159	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	.883	.883	0	%100
37	M63	X	0	0	0	%100
38	M63	Z	.298	.298	0	%100
39	M65A	X	0	0	0	%100
40	M65A	Z	.309	.309	0	%100
41	M67	X	0	0	0	%100
42	M67	Z	.883	.883	0	%100
43	M68A	X	0	0	0	%100
44	M68A	Z	1.192	1.192	0	%100
45	M70	X	0	0	0	%100
46	M70	Z	1.235	1.235	0	%100
47	MP4A	X	0	0	0	%100
48	MP4A	Z	.463	.463	0	%100
49	MP3A	X	0	0	0	%100
50	MP3A	Z	.463	.463	0	%100
51	MP1A	X	0	0	0	%100
52	MP1A	Z	.463	.463	0	%100
53	M109A	X	0	0	0	%100
54	M109A	Z	.522	.522	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	.171	.171	0	%100
57	M54A	X	0	0	0	%100
58	M54A	Z	.171	.171	0	%100
59	M55A	X	0	0	0	%100
60	M55A	Z	.588	.588	0	%100
61	M56A	X	0	0	0	%100
62	M56A	Z	.588	.588	0	%100
63	M57A	X	0	0	0	%100
64	M57A	Z	1.17	1.17	0	%100
65	M60A	X	0	0	0	%100
66	M60A	Z	.159	.159	0	%100
67	M61A	X	0	0	0	%100
68	M61A	Z	.159	.159	0	%100
69	M66A	X	0	0	0	%100
70	M66A	Z	0	0	0	%100
71	M67A	X	0	0	0	%100
72	M67A	Z	.298	.298	0	%100
73	M69A	X	0	0	0	%100
74	M69A	Z	.309	.309	0	%100
75	M71B	X	0	0	0	%100
76	M71B	Z	0	0	0	%100
77	M72A	X	0	0	0	%100
78	M72A	Z	.298	.298	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	.309	.309	0	%100
81	M76	X	0	0	0	%100
82	M76	Z	0	0	0	%100
83	M77	X	0	0	0	%100
84	M77	Z	.522	.522	0	%100
85	M89A	X	0	0	0	%100
86	M89A	Z	.379	.379	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	.463	.463	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	.463	.463	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,%]
91	MP3C	X	0	0	0	%100
92	MP3C	Z	.463	.463	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	.463	.463	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	.463	.463	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	.463	.463	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	.463	.463	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	.463	.463	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	.463	.463	0	%100
105	M94	X	0	0	0	%100
106	M94	Z	.561	.561	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	.14	.14	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	.14	.14	0	%100
111	M107	X	0	0	0	%100
112	M107	Z	.182	.182	0	%100
113	M108	X	0	0	0	%100
114	M108	Z	.182	.182	0	%100
115	M109	X	0	0	0	%100
116	M109	Z	.726	.726	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	M20	X	-.256	-.256	0	%100
2	M20	Z	.443	.443	0	%100
3	M41A	X	-.22	-.22	0	%100
4	M41A	Z	.382	.382	0	%100
5	M42_1	X	-.22	-.22	0	%100
6	M42_1	Z	.382	.382	0	%100
7	M43A_1	X	-.439	-.439	0	%100
8	M43A_1	Z	.76	.76	0	%100
9	M46A	X	0	0	0	%100
10	M46A	Z	0	0	0	%100
11	M47	X	-.239	-.239	0	%100
12	M47	Z	.414	.414	0	%100
13	M64	X	-.147	-.147	0	%100
14	M64	Z	.255	.255	0	%100
15	M65	X	-.447	-.447	0	%100
16	M65	Z	.774	.774	0	%100
17	M71	X	-.463	-.463	0	%100
18	M71	Z	.802	.802	0	%100
19	M86	X	-.147	-.147	0	%100
20	M86	Z	.255	.255	0	%100
21	M87	X	0	0	0	%100
22	M87	Z	0	0	0	%100
23	M90	X	0	0	0	%100
24	M90	Z	0	0	0	%100
25	M51A	X	0	0	0	%100
26	M51A	Z	0	0	0	%100
27	M52	X	0	0	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,%]
28	M52	Z	0	0	0	%100
29	M53A	X	0	0	0	%100
30	M53A	Z	0	0	0	%100
31	M56	X	-.239	-.239	0	%100
32	M56	Z	.414	.414	0	%100
33	M57	X	-.239	-.239	0	%100
34	M57	Z	.414	.414	0	%100
35	M62	X	-.589	-.589	0	%100
36	M62	Z	1.02	1.02	0	%100
37	M63	X	-.447	-.447	0	%100
38	M63	Z	.774	.774	0	%100
39	M65A	X	-.463	-.463	0	%100
40	M65A	Z	.802	.802	0	%100
41	M67	X	-.589	-.589	0	%100
42	M67	Z	1.02	1.02	0	%100
43	M68A	X	-.447	-.447	0	%100
44	M68A	Z	.774	.774	0	%100
45	M70	X	-.463	-.463	0	%100
46	M70	Z	.802	.802	0	%100
47	MP4A	X	-.232	-.232	0	%100
48	MP4A	Z	.401	.401	0	%100
49	MP3A	X	-.232	-.232	0	%100
50	MP3A	Z	.401	.401	0	%100
51	MP1A	X	-.232	-.232	0	%100
52	MP1A	Z	.401	.401	0	%100
53	M109A	X	-.348	-.348	0	%100
54	M109A	Z	.603	.603	0	%100
55	M53	X	-.256	-.256	0	%100
56	M53	Z	.443	.443	0	%100
57	M54A	X	0	0	0	%100
58	M54A	Z	0	0	0	%100
59	M55A	X	-.22	-.22	0	%100
60	M55A	Z	.382	.382	0	%100
61	M56A	X	-.22	-.22	0	%100
62	M56A	Z	.382	.382	0	%100
63	M57A	X	-.439	-.439	0	%100
64	M57A	Z	.76	.76	0	%100
65	M60A	X	-.239	-.239	0	%100
66	M60A	Z	.414	.414	0	%100
67	M61A	X	0	0	0	%100
68	M61A	Z	0	0	0	%100
69	M66A	X	-.147	-.147	0	%100
70	M66A	Z	.255	.255	0	%100
71	M67A	X	0	0	0	%100
72	M67A	Z	0	0	0	%100
73	M69A	X	0	0	0	%100
74	M69A	Z	0	0	0	%100
75	M71B	X	-.147	-.147	0	%100
76	M71B	Z	.255	.255	0	%100
77	M72A	X	-.447	-.447	0	%100
78	M72A	Z	.774	.774	0	%100
79	M74	X	-.463	-.463	0	%100
80	M74	Z	.802	.802	0	%100
81	M76	X	-.087	-.087	0	%100
82	M76	Z	.151	.151	0	%100
83	M77	X	-.087	-.087	0	%100
84	M77	Z	.151	.151	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,%]
85	M89A	X	-.189	-.189	0	%100
86	M89A	Z	.328	.328	0	%100
87	MP2A	X	-.232	-.232	0	%100
88	MP2A	Z	.401	.401	0	%100
89	MP4C	X	-.232	-.232	0	%100
90	MP4C	Z	.401	.401	0	%100
91	MP3C	X	-.232	-.232	0	%100
92	MP3C	Z	.401	.401	0	%100
93	MP1C	X	-.232	-.232	0	%100
94	MP1C	Z	.401	.401	0	%100
95	MP2C	X	-.232	-.232	0	%100
96	MP2C	Z	.401	.401	0	%100
97	MP4B	X	-.232	-.232	0	%100
98	MP4B	Z	.401	.401	0	%100
99	MP3B	X	-.232	-.232	0	%100
100	MP3B	Z	.401	.401	0	%100
101	MP1B	X	-.232	-.232	0	%100
102	MP1B	Z	.401	.401	0	%100
103	MP2B	X	-.232	-.232	0	%100
104	MP2B	Z	.401	.401	0	%100
105	M94	X	-.21	-.21	0	%100
106	M94	Z	.364	.364	0	%100
107	M101	X	-.21	-.21	0	%100
108	M101	Z	.364	.364	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M107	X	-.272	-.272	0	%100
112	M107	Z	.472	.472	0	%100
113	M108	X	0	0	0	%100
114	M108	Z	0	0	0	%100
115	M109	X	-.272	-.272	0	%100
116	M109	Z	.472	.472	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-.148	-.148	0	%100
2	M20	Z	.085	.085	0	%100
3	M41A	X	-.509	-.509	0	%100
4	M41A	Z	.294	.294	0	%100
5	M42_1	X	-.509	-.509	0	%100
6	M42_1	Z	.294	.294	0	%100
7	M43A_1	X	-1.014	-1.014	0	%100
8	M43A_1	Z	.585	.585	0	%100
9	M46A	X	-.138	-.138	0	%100
10	M46A	Z	.08	.08	0	%100
11	M47	X	-.138	-.138	0	%100
12	M47	Z	.08	.08	0	%100
13	M64	X	0	0	0	%100
14	M64	Z	0	0	0	%100
15	M65	X	-.258	-.258	0	%100
16	M65	Z	.149	.149	0	%100
17	M71	X	-.267	-.267	0	%100
18	M71	Z	.154	.154	0	%100
19	M86	X	0	0	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	-.258	-.258	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	M87	Z	.149	.149	0	%100
23	M90	X	-.267	-.267	0	%100
24	M90	Z	.154	.154	0	%100
25	M51A	X	-.127	-.127	0	%100
26	M51A	Z	.073	.073	0	%100
27	M52	X	-.127	-.127	0	%100
28	M52	Z	.073	.073	0	%100
29	M53A	X	-.253	-.253	0	%100
30	M53A	Z	.146	.146	0	%100
31	M56	X	-.138	-.138	0	%100
32	M56	Z	.08	.08	0	%100
33	M57	X	-.552	-.552	0	%100
34	M57	Z	.319	.319	0	%100
35	M62	X	-.765	-.765	0	%100
36	M62	Z	.442	.442	0	%100
37	M63	X	-1.032	-1.032	0	%100
38	M63	Z	.596	.596	0	%100
39	M65A	X	-1.07	-1.07	0	%100
40	M65A	Z	.618	.618	0	%100
41	M67	X	-.765	-.765	0	%100
42	M67	Z	.442	.442	0	%100
43	M68A	X	-.258	-.258	0	%100
44	M68A	Z	.149	.149	0	%100
45	M70	X	-.267	-.267	0	%100
46	M70	Z	.154	.154	0	%100
47	MP4A	X	-.401	-.401	0	%100
48	MP4A	Z	.232	.232	0	%100
49	MP3A	X	-.401	-.401	0	%100
50	MP3A	Z	.232	.232	0	%100
51	MP1A	X	-.401	-.401	0	%100
52	MP1A	Z	.232	.232	0	%100
53	M109A	X	-.452	-.452	0	%100
54	M109A	Z	.261	.261	0	%100
55	M53	X	-.591	-.591	0	%100
56	M53	Z	.341	.341	0	%100
57	M54A	X	-.148	-.148	0	%100
58	M54A	Z	.085	.085	0	%100
59	M55A	X	-.127	-.127	0	%100
60	M55A	Z	.073	.073	0	%100
61	M56A	X	-.127	-.127	0	%100
62	M56A	Z	.073	.073	0	%100
63	M57A	X	-.253	-.253	0	%100
64	M57A	Z	.146	.146	0	%100
65	M60A	X	-.552	-.552	0	%100
66	M60A	Z	.319	.319	0	%100
67	M61A	X	-.138	-.138	0	%100
68	M61A	Z	.08	.08	0	%100
69	M66A	X	-.765	-.765	0	%100
70	M66A	Z	.442	.442	0	%100
71	M67A	X	-.258	-.258	0	%100
72	M67A	Z	.149	.149	0	%100
73	M69A	X	-.267	-.267	0	%100
74	M69A	Z	.154	.154	0	%100
75	M71B	X	-.765	-.765	0	%100
76	M71B	Z	.442	.442	0	%100
77	M72A	X	-1.032	-1.032	0	%100
78	M72A	Z	.596	.596	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	M74	X	-1.07	-1.07	0	%100
80	M74	Z	.618	.618	0	%100
81	M76	X	-.452	-.452	0	%100
82	M76	Z	.261	.261	0	%100
83	M77	X	0	0	0	%100
84	M77	Z	0	0	0	%100
85	M89A	X	-.328	-.328	0	%100
86	M89A	Z	.189	.189	0	%100
87	MP2A	X	-.401	-.401	0	%100
88	MP2A	Z	.232	.232	0	%100
89	MP4C	X	-.401	-.401	0	%100
90	MP4C	Z	.232	.232	0	%100
91	MP3C	X	-.401	-.401	0	%100
92	MP3C	Z	.232	.232	0	%100
93	MP1C	X	-.401	-.401	0	%100
94	MP1C	Z	.232	.232	0	%100
95	MP2C	X	-.401	-.401	0	%100
96	MP2C	Z	.232	.232	0	%100
97	MP4B	X	-.401	-.401	0	%100
98	MP4B	Z	.232	.232	0	%100
99	MP3B	X	-.401	-.401	0	%100
100	MP3B	Z	.232	.232	0	%100
101	MP1B	X	-.401	-.401	0	%100
102	MP1B	Z	.232	.232	0	%100
103	MP2B	X	-.401	-.401	0	%100
104	MP2B	Z	.232	.232	0	%100
105	M94	X	-.121	-.121	0	%100
106	M94	Z	.07	.07	0	%100
107	M101	X	-.486	-.486	0	%100
108	M101	Z	.28	.28	0	%100
109	M104	X	-.121	-.121	0	%100
110	M104	Z	.07	.07	0	%100
111	M107	X	-.629	-.629	0	%100
112	M107	Z	.363	.363	0	%100
113	M108	X	-.157	-.157	0	%100
114	M108	Z	.091	.091	0	%100
115	M109	X	-.157	-.157	0	%100
116	M109	Z	.091	.091	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M41A	X	-.441	-.441	0	%100
4	M41A	Z	0	0	0	%100
5	M42_1	X	-.441	-.441	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	-.878	-.878	0	%100
8	M43A_1	Z	0	0	0	%100
9	M46A	X	-.478	-.478	0	%100
10	M46A	Z	0	0	0	%100
11	M47	X	0	0	0	%100
12	M47	Z	0	0	0	%100
13	M64	X	-.294	-.294	0	%100
14	M64	Z	0	0	0	%100
15	M65	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,%]
16	M65	Z	0	0	0	%100
17	M71	X	0	0	0	%100
18	M71	Z	0	0	0	%100
19	M86	X	-.294	-.294	0	%100
20	M86	Z	0	0	0	%100
21	M87	X	-.894	-.894	0	%100
22	M87	Z	0	0	0	%100
23	M90	X	-.927	-.927	0	%100
24	M90	Z	0	0	0	%100
25	M51A	X	-.441	-.441	0	%100
26	M51A	Z	0	0	0	%100
27	M52	X	-.441	-.441	0	%100
28	M52	Z	0	0	0	%100
29	M53A	X	-.878	-.878	0	%100
30	M53A	Z	0	0	0	%100
31	M56	X	0	0	0	%100
32	M56	Z	0	0	0	%100
33	M57	X	-.478	-.478	0	%100
34	M57	Z	0	0	0	%100
35	M62	X	-.294	-.294	0	%100
36	M62	Z	0	0	0	%100
37	M63	X	-.894	-.894	0	%100
38	M63	Z	0	0	0	%100
39	M65A	X	-.927	-.927	0	%100
40	M65A	Z	0	0	0	%100
41	M67	X	-.294	-.294	0	%100
42	M67	Z	0	0	0	%100
43	M68A	X	0	0	0	%100
44	M68A	Z	0	0	0	%100
45	M70	X	0	0	0	%100
46	M70	Z	0	0	0	%100
47	MP4A	X	-.463	-.463	0	%100
48	MP4A	Z	0	0	0	%100
49	MP3A	X	-.463	-.463	0	%100
50	MP3A	Z	0	0	0	%100
51	MP1A	X	-.463	-.463	0	%100
52	MP1A	Z	0	0	0	%100
53	M109A	X	-.174	-.174	0	%100
54	M109A	Z	0	0	0	%100
55	M53	X	-.512	-.512	0	%100
56	M53	Z	0	0	0	%100
57	M54A	X	-.512	-.512	0	%100
58	M54A	Z	0	0	0	%100
59	M55A	X	0	0	0	%100
60	M55A	Z	0	0	0	%100
61	M56A	X	0	0	0	%100
62	M56A	Z	0	0	0	%100
63	M57A	X	0	0	0	%100
64	M57A	Z	0	0	0	%100
65	M60A	X	-.478	-.478	0	%100
66	M60A	Z	0	0	0	%100
67	M61A	X	-.478	-.478	0	%100
68	M61A	Z	0	0	0	%100
69	M66A	X	-1.178	-1.178	0	%100
70	M66A	Z	0	0	0	%100
71	M67A	X	-.894	-.894	0	%100
72	M67A	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,%]
73	M69A	X	-.927	-.927	0	%100
74	M69A	Z	0	0	0	%100
75	M71B	X	-1.178	-1.178	0	%100
76	M71B	Z	0	0	0	%100
77	M72A	X	-.894	-.894	0	%100
78	M72A	Z	0	0	0	%100
79	M74	X	-.927	-.927	0	%100
80	M74	Z	0	0	0	%100
81	M76	X	-.696	-.696	0	%100
82	M76	Z	0	0	0	%100
83	M77	X	-.174	-.174	0	%100
84	M77	Z	0	0	0	%100
85	M89A	X	-.379	-.379	0	%100
86	M89A	Z	0	0	0	%100
87	MP2A	X	-.463	-.463	0	%100
88	MP2A	Z	0	0	0	%100
89	MP4C	X	-.463	-.463	0	%100
90	MP4C	Z	0	0	0	%100
91	MP3C	X	-.463	-.463	0	%100
92	MP3C	Z	0	0	0	%100
93	MP1C	X	-.463	-.463	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	-.463	-.463	0	%100
96	MP2C	Z	0	0	0	%100
97	MP4B	X	-.463	-.463	0	%100
98	MP4B	Z	0	0	0	%100
99	MP3B	X	-.463	-.463	0	%100
100	MP3B	Z	0	0	0	%100
101	MP1B	X	-.463	-.463	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	-.463	-.463	0	%100
104	MP2B	Z	0	0	0	%100
105	M94	X	0	0	0	%100
106	M94	Z	0	0	0	%100
107	M101	X	-.421	-.421	0	%100
108	M101	Z	0	0	0	%100
109	M104	X	-.421	-.421	0	%100
110	M104	Z	0	0	0	%100
111	M107	X	-.545	-.545	0	%100
112	M107	Z	0	0	0	%100
113	M108	X	-.545	-.545	0	%100
114	M108	Z	0	0	0	%100
115	M109	X	0	0	0	%100
116	M109	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	M20	X	-.148	-.148	0	%100
2	M20	Z	-.085	-.085	0	%100
3	M41A	X	-.127	-.127	0	%100
4	M41A	Z	-.073	-.073	0	%100
5	M42_1	X	-.127	-.127	0	%100
6	M42_1	Z	-.073	-.073	0	%100
7	M43A_1	X	-.253	-.253	0	%100
8	M43A_1	Z	-.146	-.146	0	%100
9	M46A	X	-.552	-.552	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,%]
10	M46A	Z	-.319	-.319	0	%100
11	M47	X	-.138	-.138	0	%100
12	M47	Z	-.08	-.08	0	%100
13	M64	X	-.765	-.765	0	%100
14	M64	Z	-.442	-.442	0	%100
15	M65	X	-.258	-.258	0	%100
16	M65	Z	-.149	-.149	0	%100
17	M71	X	-.267	-.267	0	%100
18	M71	Z	-.154	-.154	0	%100
19	M86	X	-.765	-.765	0	%100
20	M86	Z	-.442	-.442	0	%100
21	M87	X	-1.032	-1.032	0	%100
22	M87	Z	-.596	-.596	0	%100
23	M90	X	-1.07	-1.07	0	%100
24	M90	Z	-.618	-.618	0	%100
25	M51A	X	-.509	-.509	0	%100
26	M51A	Z	-.294	-.294	0	%100
27	M52	X	-.509	-.509	0	%100
28	M52	Z	-.294	-.294	0	%100
29	M53A	X	-1.014	-1.014	0	%100
30	M53A	Z	-.585	-.585	0	%100
31	M56	X	-.138	-.138	0	%100
32	M56	Z	-.08	-.08	0	%100
33	M57	X	-.138	-.138	0	%100
34	M57	Z	-.08	-.08	0	%100
35	M62	X	0	0	0	%100
36	M62	Z	0	0	0	%100
37	M63	X	-.258	-.258	0	%100
38	M63	Z	-.149	-.149	0	%100
39	M65A	X	-.267	-.267	0	%100
40	M65A	Z	-.154	-.154	0	%100
41	M67	X	0	0	0	%100
42	M67	Z	0	0	0	%100
43	M68A	X	-.258	-.258	0	%100
44	M68A	Z	-.149	-.149	0	%100
45	M70	X	-.267	-.267	0	%100
46	M70	Z	-.154	-.154	0	%100
47	MP4A	X	-.401	-.401	0	%100
48	MP4A	Z	-.232	-.232	0	%100
49	MP3A	X	-.401	-.401	0	%100
50	MP3A	Z	-.232	-.232	0	%100
51	MP1A	X	-.401	-.401	0	%100
52	MP1A	Z	-.232	-.232	0	%100
53	M109A	X	0	0	0	%100
54	M109A	Z	0	0	0	%100
55	M53	X	-.148	-.148	0	%100
56	M53	Z	-.085	-.085	0	%100
57	M54A	X	-.591	-.591	0	%100
58	M54A	Z	-.341	-.341	0	%100
59	M55A	X	-.127	-.127	0	%100
60	M55A	Z	-.073	-.073	0	%100
61	M56A	X	-.127	-.127	0	%100
62	M56A	Z	-.073	-.073	0	%100
63	M57A	X	-.253	-.253	0	%100
64	M57A	Z	-.146	-.146	0	%100
65	M60A	X	-.138	-.138	0	%100
66	M60A	Z	-.08	-.08	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,%]
67	M61A	X	-.552	-.552	0	%100
68	M61A	Z	-.319	-.319	0	%100
69	M66A	X	-.765	-.765	0	%100
70	M66A	Z	-.442	-.442	0	%100
71	M67A	X	-1.032	-1.032	0	%100
72	M67A	Z	-.596	-.596	0	%100
73	M69A	X	-1.07	-1.07	0	%100
74	M69A	Z	-.618	-.618	0	%100
75	M71B	X	-.765	-.765	0	%100
76	M71B	Z	-.442	-.442	0	%100
77	M72A	X	-.258	-.258	0	%100
78	M72A	Z	-.149	-.149	0	%100
79	M74	X	-.267	-.267	0	%100
80	M74	Z	-.154	-.154	0	%100
81	M76	X	-.452	-.452	0	%100
82	M76	Z	-.261	-.261	0	%100
83	M77	X	-.452	-.452	0	%100
84	M77	Z	-.261	-.261	0	%100
85	M89A	X	-.328	-.328	0	%100
86	M89A	Z	-.189	-.189	0	%100
87	MP2A	X	-.401	-.401	0	%100
88	MP2A	Z	-.232	-.232	0	%100
89	MP4C	X	-.401	-.401	0	%100
90	MP4C	Z	-.232	-.232	0	%100
91	MP3C	X	-.401	-.401	0	%100
92	MP3C	Z	-.232	-.232	0	%100
93	MP1C	X	-.401	-.401	0	%100
94	MP1C	Z	-.232	-.232	0	%100
95	MP2C	X	-.401	-.401	0	%100
96	MP2C	Z	-.232	-.232	0	%100
97	MP4B	X	-.401	-.401	0	%100
98	MP4B	Z	-.232	-.232	0	%100
99	MP3B	X	-.401	-.401	0	%100
100	MP3B	Z	-.232	-.232	0	%100
101	MP1B	X	-.401	-.401	0	%100
102	MP1B	Z	-.232	-.232	0	%100
103	MP2B	X	-.401	-.401	0	%100
104	MP2B	Z	-.232	-.232	0	%100
105	M94	X	-.121	-.121	0	%100
106	M94	Z	-.07	-.07	0	%100
107	M101	X	-.121	-.121	0	%100
108	M101	Z	-.07	-.07	0	%100
109	M104	X	-.486	-.486	0	%100
110	M104	Z	-.28	-.28	0	%100
111	M107	X	-.157	-.157	0	%100
112	M107	Z	-.091	-.091	0	%100
113	M108	X	-.629	-.629	0	%100
114	M108	Z	-.363	-.363	0	%100
115	M109	X	-.157	-.157	0	%100
116	M109	Z	-.091	-.091	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	M20	X	-.256	-.256	0	%100
2	M20	Z	-.443	-.443	0	%100
3	M41A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M41A	Z	0	0	0	%100
5	M42_1	X	0	0	0	%100
6	M42_1	Z	0	0	0	%100
7	M43A_1	X	0	0	0	%100
8	M43A_1	Z	0	0	0	%100
9	M46A	X	-.239	-.239	0	%100
10	M46A	Z	-.414	-.414	0	%100
11	M47	X	-.239	-.239	0	%100
12	M47	Z	-.414	-.414	0	%100
13	M64	X	-.589	-.589	0	%100
14	M64	Z	-1.02	-1.02	0	%100
15	M65	X	-.447	-.447	0	%100
16	M65	Z	-.774	-.774	0	%100
17	M71	X	-.463	-.463	0	%100
18	M71	Z	-.802	-.802	0	%100
19	M86	X	-.589	-.589	0	%100
20	M86	Z	-1.02	-1.02	0	%100
21	M87	X	-.447	-.447	0	%100
22	M87	Z	-.774	-.774	0	%100
23	M90	X	-.463	-.463	0	%100
24	M90	Z	-.802	-.802	0	%100
25	M51A	X	-.22	-.22	0	%100
26	M51A	Z	-.382	-.382	0	%100
27	M52	X	-.22	-.22	0	%100
28	M52	Z	-.382	-.382	0	%100
29	M53A	X	-.439	-.439	0	%100
30	M53A	Z	-.76	-.76	0	%100
31	M56	X	-.239	-.239	0	%100
32	M56	Z	-.414	-.414	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	0	0	0	%100
35	M62	X	-.147	-.147	0	%100
36	M62	Z	-.255	-.255	0	%100
37	M63	X	0	0	0	%100
38	M63	Z	0	0	0	%100
39	M65A	X	0	0	0	%100
40	M65A	Z	0	0	0	%100
41	M67	X	-.147	-.147	0	%100
42	M67	Z	-.255	-.255	0	%100
43	M68A	X	-.447	-.447	0	%100
44	M68A	Z	-.774	-.774	0	%100
45	M70	X	-.463	-.463	0	%100
46	M70	Z	-.802	-.802	0	%100
47	MP4A	X	-.232	-.232	0	%100
48	MP4A	Z	-.401	-.401	0	%100
49	MP3A	X	-.232	-.232	0	%100
50	MP3A	Z	-.401	-.401	0	%100
51	MP1A	X	-.232	-.232	0	%100
52	MP1A	Z	-.401	-.401	0	%100
53	M109A	X	-.087	-.087	0	%100
54	M109A	Z	-.151	-.151	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	0	0	0	%100
57	M54A	X	-.256	-.256	0	%100
58	M54A	Z	-.443	-.443	0	%100
59	M55A	X	-.22	-.22	0	%100
60	M55A	Z	-.382	-.382	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,%]
61	M56A	X	-.22	-.22	0	%100
62	M56A	Z	-.382	-.382	0	%100
63	M57A	X	-.439	-.439	0	%100
64	M57A	Z	-.76	-.76	0	%100
65	M60A	X	0	0	0	%100
66	M60A	Z	0	0	0	%100
67	M61A	X	-.239	-.239	0	%100
68	M61A	Z	-.414	-.414	0	%100
69	M66A	X	-.147	-.147	0	%100
70	M66A	Z	-.255	-.255	0	%100
71	M67A	X	-.447	-.447	0	%100
72	M67A	Z	-.774	-.774	0	%100
73	M69A	X	-.463	-.463	0	%100
74	M69A	Z	-.802	-.802	0	%100
75	M71B	X	-.147	-.147	0	%100
76	M71B	Z	-.255	-.255	0	%100
77	M72A	X	0	0	0	%100
78	M72A	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M76	X	-.087	-.087	0	%100
82	M76	Z	-.151	-.151	0	%100
83	M77	X	-.348	-.348	0	%100
84	M77	Z	-.603	-.603	0	%100
85	M89A	X	-.189	-.189	0	%100
86	M89A	Z	-.328	-.328	0	%100
87	MP2A	X	-.232	-.232	0	%100
88	MP2A	Z	-.401	-.401	0	%100
89	MP4C	X	-.232	-.232	0	%100
90	MP4C	Z	-.401	-.401	0	%100
91	MP3C	X	-.232	-.232	0	%100
92	MP3C	Z	-.401	-.401	0	%100
93	MP1C	X	-.232	-.232	0	%100
94	MP1C	Z	-.401	-.401	0	%100
95	MP2C	X	-.232	-.232	0	%100
96	MP2C	Z	-.401	-.401	0	%100
97	MP4B	X	-.232	-.232	0	%100
98	MP4B	Z	-.401	-.401	0	%100
99	MP3B	X	-.232	-.232	0	%100
100	MP3B	Z	-.401	-.401	0	%100
101	MP1B	X	-.232	-.232	0	%100
102	MP1B	Z	-.401	-.401	0	%100
103	MP2B	X	-.232	-.232	0	%100
104	MP2B	Z	-.401	-.401	0	%100
105	M94	X	-.21	-.21	0	%100
106	M94	Z	-.364	-.364	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M104	X	-.21	-.21	0	%100
110	M104	Z	-.364	-.364	0	%100
111	M107	X	0	0	0	%100
112	M107	Z	0	0	0	%100
113	M108	X	-.272	-.272	0	%100
114	M108	Z	-.472	-.472	0	%100
115	M109	X	-.272	-.272	0	%100
116	M109	Z	-.472	-.472	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	M46A	Y	-2.265	-4.366	0	.793
2	M46A	Y	-4.366	-5.786	.793	1.586
3	M46A	Y	-5.786	-7.472	1.586	2.379
4	M46A	Y	-7.472	-7.187	2.379	3.172
5	M46A	Y	-7.187	-3.985	3.172	3.965
6	M47	Y	-4.006	-7.272	0	.793
7	M47	Y	-7.272	-7.633	.793	1.587
8	M47	Y	-7.633	-6.127	1.587	2.38
9	M47	Y	-6.127	-4.622	2.38	3.173
10	M47	Y	-4.622	-2.077	3.173	3.967
11	M60A	Y	-2.269	-4.368	0	.793
12	M60A	Y	-4.368	-5.787	.793	1.586
13	M60A	Y	-5.787	-7.471	1.586	2.379
14	M60A	Y	-7.471	-7.187	2.379	3.172
15	M60A	Y	-7.187	-3.986	3.172	3.965
16	M61A	Y	-4.015	-7.274	0	.793
17	M61A	Y	-7.274	-7.629	.793	1.587
18	M61A	Y	-7.629	-6.123	1.587	2.38
19	M61A	Y	-6.123	-4.62	2.38	3.173
20	M61A	Y	-4.62	-2.075	3.173	3.967
21	M56	Y	-2.269	-4.368	0	.793
22	M56	Y	-4.368	-5.787	.793	1.586
23	M56	Y	-5.787	-7.471	1.586	2.379
24	M56	Y	-7.471	-7.187	2.379	3.172
25	M56	Y	-7.187	-3.986	3.172	3.965
26	M57	Y	-4.015	-7.274	0	.793
27	M57	Y	-7.274	-7.629	.793	1.587
28	M57	Y	-7.629	-6.123	1.587	2.38
29	M57	Y	-6.123	-4.62	2.38	3.173
30	M57	Y	-4.62	-2.075	3.173	3.967

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M46A	Y	-7.384	-14.235	0	.793
2	M46A	Y	-14.235	-18.863	.793	1.586
3	M46A	Y	-18.863	-24.357	1.586	2.379
4	M46A	Y	-24.357	-23.43	2.379	3.172
5	M46A	Y	-23.43	-12.992	3.172	3.965
6	M47	Y	-13.059	-23.706	0	.793
7	M47	Y	-23.706	-24.882	.793	1.587
8	M47	Y	-24.882	-19.975	1.587	2.38
9	M47	Y	-19.975	-15.067	2.38	3.173
10	M47	Y	-15.067	-6.772	3.173	3.967
11	M60A	Y	-7.397	-14.24	0	.793
12	M60A	Y	-14.24	-18.865	.793	1.586
13	M60A	Y	-18.865	-24.357	1.586	2.379
14	M60A	Y	-24.357	-23.428	2.379	3.172
15	M60A	Y	-23.428	-12.993	3.172	3.965
16	M61A	Y	-13.088	-23.715	0	.793
17	M61A	Y	-23.715	-24.871	.793	1.587
18	M61A	Y	-24.871	-19.961	1.587	2.38
19	M61A	Y	-19.961	-15.061	2.38	3.173
20	M61A	Y	-15.061	-6.764	3.173	3.967
21	M56	Y	-7.397	-14.24	0	.793
22	M56	Y	-14.24	-18.865	.793	1.586
23	M56	Y	-18.865	-24.357	1.586	2.379

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,%]
24	M56	Y	-24.357	-23.428	2.379	3.172
25	M56	Y	-23.428	-12.993	3.172	3.965
26	M57	Y	-13.088	-23.715	0	.793
27	M57	Y	-23.715	-24.871	.793	1.587
28	M57	Y	-24.871	-19.961	1.587	2.38
29	M57	Y	-19.961	-15.061	2.38	3.173
30	M57	Y	-15.061	-6.764	3.173	3.967

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N11	N10	N6	N7	Y	Two Way	-.005
2	N80	N81	N77	N76	Y	Two Way	-.005
3	N36	N37	N33	N32	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N11	N10	N6	N7	Y	Two Way	-.016
2	N80	N81	N77	N76	Y	Two Way	-.016
3	N36	N37	N33	N32	Y	Two Way	-.016

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
1	M20	PIPE_3.0	.238	8....	20	.061	8.2...		20	28250...	65205	5.749	5.749	...	H1-1b
2	M41A	HSS4X4...	.228	2....	22	.054	2.4...	y	18	13617...	139518	16.181	16.181	...	H1-1b
3	M42_1	HSS4X4...	.220	0	20	.054	0	y	14	13617...	139518	16.181	16.181	...	H1-1b
4	M43A_1	PL1/2x6	.300	.5...	2	.215	0	y	7	62895...	97200	1.012	12.15	...	H1-1b
5	M46A	L2x2x3	.207	3....	10	.017	3.9...	y	24	10640...	23392...	.558	1.093	...	H2-1
6	M47	L2x2x3	.206	0	8	.019	0	y	18	10634...	23392...	.558	1.092	...	H2-1
7	M64	PL3/8x6	.225	0	8	.162	0	y	24	71260...	72900	.57	9.113	...	H1-1b
8	M65	PL3/8x6	.099	.1...	2	.134	0	y	19	71601...	72900	.57	9.113	...	H1-1b
9	M71	PL1/2x6	.057	.1...	6	.067	.125	y	5	96648...	97200	1.012	12.15	...	H1-1b
10	M86	PL3/8x6	.146	0	9	.189	0	y	15	71260...	72900	.57	9.113	...	H1-1b
11	M87	PL3/8x6	.098	.1...	4	.137	0	y	22	71601...	72900	.57	9.113	...	H1-1b
12	M90	PL1/2x6	.060	.1...	6	.056	0	y	7	96648...	97200	1.012	12.15	...	H1-1b
13	M51A	HSS4X4...	.229	2....	18	.054	2.4...	y	14	13617...	139518	16.181	16.181	...	H1-1b
14	M52	HSS4X4...	.221	0	16	.054	0	y	22	13617...	139518	16.181	16.181	...	H1-1b
15	M53A	PL1/2x6	.300	.5...	10	.215	0	y	3	62895...	97200	1.012	12.15	...	H1-1b
16	M56	L2x2x3	.207	3....	6	.017	3.9...	y	20	10640...	23392...	.558	1.093	...	H2-1
17	M57	L2x2x3	.207	0	4	.019	0	y	14	10634...	23392...	.558	1.092	...	H2-1
18	M62	PL3/8x6	.225	0	4	.163	0	y	20	71260...	72900	.57	9.113	...	H1-1b
19	M63	PL3/8x6	.099	.1...	10	.135	0	y	15	71601...	72900	.57	9.113	...	H1-1b
20	M65A	PL1/2x6	.057	.1...	2	.074	.125	y	37	96648...	97200	1.012	12.15	...	H1-1b
21	M67	PL3/8x6	.146	0	5	.190	0	y	23	71260...	72900	.57	9.113	...	H1-1b
22	M68A	PL3/8x6	.098	.1...	12	.137	0	y	18	71601...	72900	.57	9.113	...	H1-1b
23	M70	PL1/2x6	.060	.1...	2	.144	0	y	39	96648...	97200	1.012	12.15	...	H1-1b
24	MP4A	PIPE_2.0	.289	4....	17	.071	2.4...		5	17855...	32130	1.872	1.872	...	H1-1b
25	MP3A	PIPE_2.0	.407	3.5	16	.083	1.9...		6	17855...	32130	1.872	1.872	...	H1-1b
26	MP1A	PIPE_2.0	.361	4....	21	.075	2.4...		9	17855...	32130	1.872	1.872	...	H1-1b
27	M109A	HSS4X4...	.440	0	19	.098	0	y	19	12431...	139518	16.181	16.181	...	H1-1b
28	M53	PIPE_3.0	.239	8....	16	.061	8.2...		16	28250...	65205	5.749	5.749	...	H1-1b
29	M54A	PIPE_3.0	.239	8....	24	.061	8.2...		24	28250...	65205	5.749	5.749	...	H1-1b
30	M55A	HSS4X4...	.228	2....	14	.054	2.4...	y	21	13617...	139518	16.181	16.181	...	H1-1b
31	M56A	HSS4X4...	.221	0	24	.055	0	y	18	13617...	139518	16.181	16.181	...	H1-1b

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
32	M57A	PL1/2x6	.300	.5...	6	.215	0	y	11	62895...	97200	1.012	12.15	...	H1-1b
33	M60A	L2x2x3	.207	3....	2	.017	3.9...	y	16	10640...	23392...	.558	1.093	...	H2-1
34	M61A	L2x2x3	.207	0	12	.019	0	y	22	10634...	23392...	.558	1.092	...	H2-1
35	M66A	PL3/8x6	.225	0	12	.164	0	y	16	71260...	72900	.57	9.113	...	H1-1b
36	M67A	PL3/8x6	.099	.1...	6	.135	0	y	23	71601...	72900	.57	9.113	...	H1-1b
37	M69A	PL1/2x6	.057	.1...	10	.067	.125	y	9	96648...	97200	1.012	12.15	...	H1-1b
38	M71B	PL3/8x6	.146	0	1	.188	0	y	19	71260...	72900	.57	9.113	...	H1-1b
39	M72A	PL3/8x6	.098	.1...	8	.136	0	y	14	71601...	72900	.57	9.113	...	H1-1b
40	M74	PL1/2x6	.060	.1...	10	.055	0	y	11	96648...	97200	1.012	12.15	...	H1-1b
41	M76	HSS4X4...	.448	0	23	.107	0	y	15	12431...	139518	16.181	16.181	...	H1-1b
42	M77	HSS4X4...	.439	0	23	.098	0	y	23	12431...	139518	16.181	16.181	...	H1-1b
43	M89A	PIPE_2.0	.058	1.5	19	.039	1.5		4	28843...	32130	1.872	1.872	...	H1-1b
44	MP2A	PIPE_2.0	.379	4....	10	.087	1.1...		10	17855...	32130	1.872	1.872	...	H1-1b
45	MP4C	PIPE_2.0	.289	4....	13	.071	2.4...		1	17855...	32130	1.872	1.872	...	H1-1b
46	MP3C	PIPE_2.0	.407	3.5	24	.083	1.9...		2	17855...	32130	1.872	1.872	...	H1-1b
47	MP1C	PIPE_2.0	.361	4....	17	.075	2.4...		5	17855...	32130	1.872	1.872	...	H1-1b
48	MP2C	PIPE_2.0	.378	4....	6	.087	1.1...		6	17855...	32130	1.872	1.872	...	H1-1b
49	MP4B	PIPE_2.0	.289	4....	21	.071	2.4...		9	17855...	32130	1.872	1.872	...	H1-1b
50	MP3B	PIPE_2.0	.407	3.5	20	.083	1.9...		10	17855...	32130	1.872	1.872	...	H1-1b
51	MP1B	PIPE_2.0	.362	4....	13	.075	2.4...		1	17855...	32130	1.872	1.872	...	H1-1b
52	MP2B	PIPE_2.0	.380	4....	2	.087	1.1...		2	17855...	32130	1.872	1.872	...	H1-1b
53	M94	PIPE_2.5	.207	4....	21	.063	10....		13	14558...	50715	3.596	3.596	...	H1-1b
54	M101	PIPE_2.5	.207	4....	17	.063	10....		21	14558...	50715	3.596	3.596	...	H1-1b
55	M104	PIPE_2.5	.207	4....	13	.063	10....		17	14558...	50715	3.596	3.596	...	H1-1b
56	M107	L3X3X4	.220	0	5	.024	0	y	5	40975...	46656	1.688	3.756	...	H2-1
57	M108	L3X3X4	.219	0	1	.024	0	y	1	40975...	46656	1.688	3.756	...	H2-1
58	M109	L3X3X4	.220	0	9	.024	0	y	9	40975...	46656	1.688	3.756	...	H2-1

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N68	max	2055.129	11	3210.591	17	1336.687	12	-.321	11	1.514	8	6.031	17
2		min	-1984.532	5	603.692	11	-1309.084	6	-3.681	17	-1.533	2	.528	11
3	N99	max	1012.326	10	3417.201	13	2476.251	1	7.192	13	1.57	4	.268	4
4		min	-1026.395	4	655.596	7	-2550.052	7	.599	7	-1.589	10	-.152	10
5	N100	max	2063.057	9	3205.395	21	1180.566	2	-.296	3	1.504	12	-.539	3
6		min	-2120.287	3	602.344	3	-1129.218	8	-3.374	21	-1.524	6	-6.199	21
7	Totals:	max	4872.779	10	9504.879	20	4901.79	1						
8		min	-4872.778	4	3099.09	3	-4901.79	7						

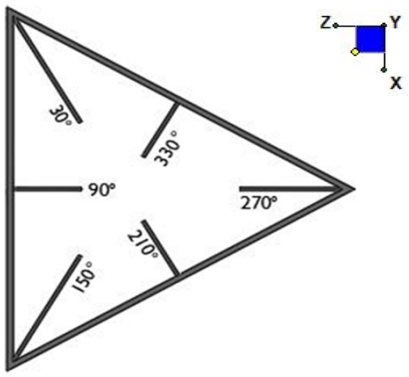
Client:	VERIZON WIRELESS	Date:	9/10/2021
Site Name:	Ellington South CT		
Project No.	21777983A		
Title:	Mount Fix	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

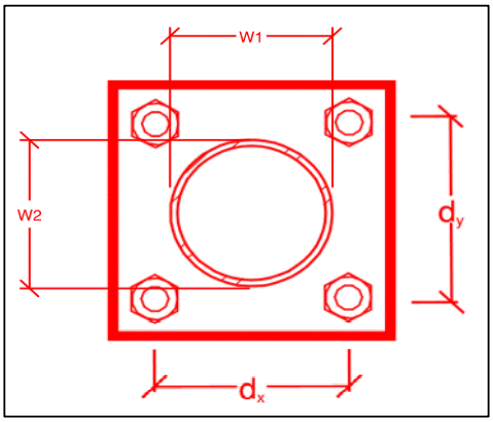
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N68	150
N99	270
N100	30



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)* :	8
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	8
Bolt Type:	A307
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	22.0
Required Shear Strength (kips):	4.1
Tensile Strength / bolt (kips):	10.0
Shear Strength / bolt (kips):	6.0
Tensile Capacity Overall:	**55.1%***
Shear Capacity Overall:	**17.2%**



**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):	10
Plate Height (in):	10
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.625
Weld Size (1/16 in):	6
Phi*Rn (kip/in):	8.35
Required Weld Strength (kip/in):	4.08
Plate Bending Capacity:	**69.8%**
Weld Capacity:	**48.9%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	22.0
Phi*Mn_{xx} *(kip-in)* :	31.6
Mu_{yy} *(kip-in)* :	0.0
Phi*Mn_{yy} *(kip-in)* :	31.6

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

Electronic pdf version of this can be downloaded at https://pmi.vzwsmart.com
For additional questions and support, please reach out to pmisupport@colliersengineering.com

---

Purpose – to upload the proper documentation to the SMART Tool in order to allow the SMART Tool engineering vendor 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 modification was completed in accordance with the modification drawings.
- Contractor shall relay any data that can impact the performance of the mount or the mount modification, this includes safety issues.

Base Requirements:

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

Photo Requirements:

- *Photos taken at ground level*
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation of the modifications.
  - Photos of the mount 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 the safety climb wire rope above and below the mount prior to modification.
  - Photos showing the climbing facility and safety climb if present.
  - Photos showing each individual sector after installation of modifications. Each entire sector must be in one photo to show the interconnection of members.

        - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
    - Photos that show the model number of each antenna and piece of equipment installed per sector.
    - Photos of each installed modification per the modification drawings; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
    - Photos showing the distances (relative distance between collars) of the installed modifications from the appropriate reference locations shown in the modification drawings.
    - Photos showing the installed modifications onto the tower (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, an elevation measurement shall be provided before the elevation change.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by the SMART Tool vendor.
    - If the materials are as specified on the drawings
        - The contractor shall provide the packing list, or the materials certifications for the materials utilized to perform the mount modification
        - Commscope, Metrosite, Perfect Vision, Sabre, and Site Pro have all agreed to support Verizon vendors with the necessary material certifications
    - If seeking permission to use an equivalent
        - It is required that the SMART Tool engineering vendor approval of such is included in the contractor submission package. There may be an additional charge for approval if the equivalent submission doesn't meet specifications as prescribed in the drawings.

☐ All hardware has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings and included in the material certification folder is a packing list or invoice for these materials.

OR

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

Antenna & equipment placement and Geometry Confirmation:

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

OR

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

Comments:

Certifying Individual:

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

Was the mount modification completed in conjunction with the equipment change / installation?

☐ Yes ☐ No

Special Instructions / Validation as required from the MA or Mod Drawings:

Issue:

Install new OVP on new 36” long P2 STD mount pipe. Connect pipe to existing beta / gamma standoff arm using crossover plates (VZWSMART-MSK6).

Response:

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

☐ Yes ☐ No

Comments:

Structure: 67657-VZW - ELLINGTON SOUTH CT

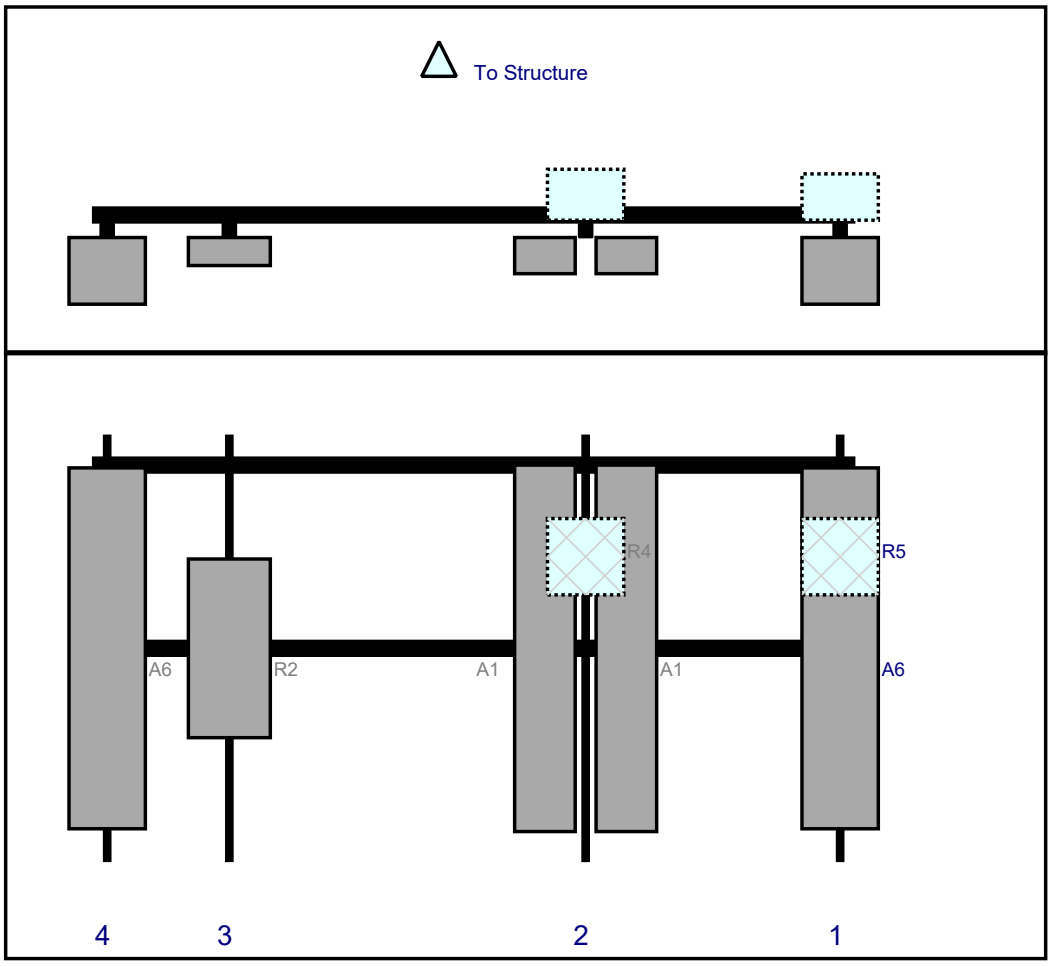
Sector: **A** 9/8/2021

Structure Type: Monopole 10101460

Mount Elev: 110.00 Page: 1

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-80063/6CF	70.9	15	147	1	a	Front	42	0	Retained	06/09/2021
R5	RF4440d-13A	15	15	147	1	a	Behind	24	0	Added	
A1	NHH-65B-R2B	72	11.9	97	2	a	Front	42	8	Added	
A1	NHH-65B-R2B	72	11.9	97	2	b	Front	42	-8	Added	
R4	RF4439d-25A	15	15	97	2	a	Behind	24	0	Added	
R2	MT6407-77A	35.1	16.1	27	3	a	Front	42	0	Added	
A6	LPA-80063/6CF	70.9	15	3	4	a	Front	42	0	Retained	06/09/2021

Structure: 67657-VZW - ELLINGTON SOUTH CT

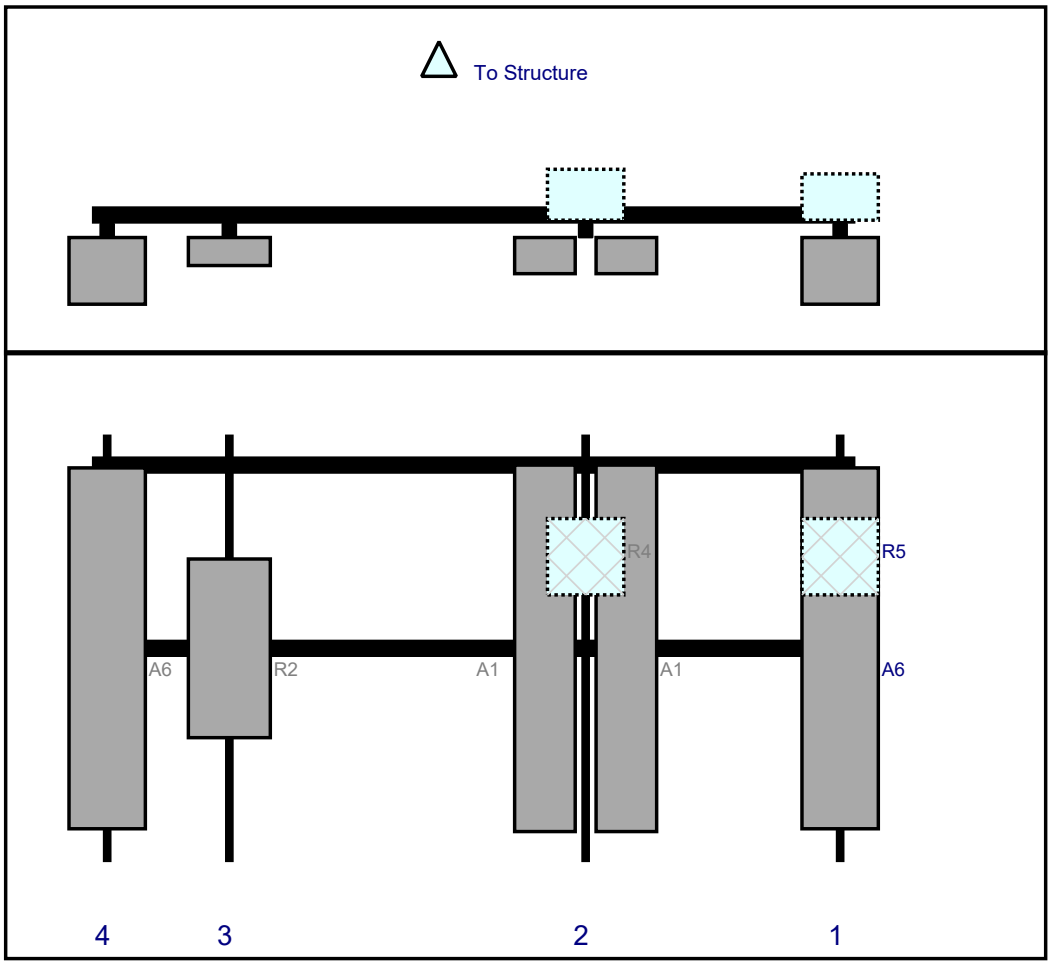
Sector: **B** 9/8/2021

Structure Type: Monopole 10101460

Mount Elev: 110.00 Page: 2

Plan View

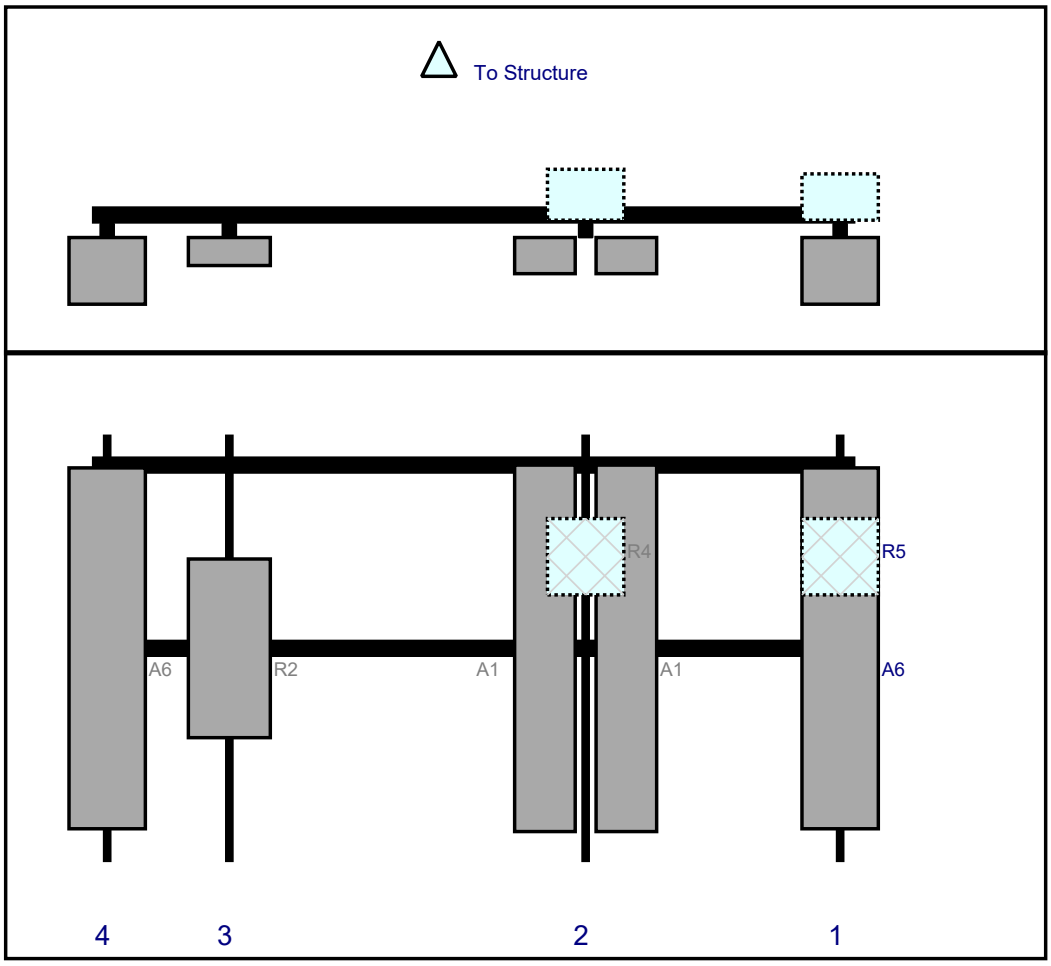
Front View
Looking at Structure



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-80063/6CF	70.9	15	147	1	a	Front	42	0	Retained	06/09/2021
R5	RF4440d-13A	15	15	147	1	a	Behind	24	0	Added	
A1	NHH-65B-R2B	72	11.9	97	2	a	Front	42	8	Added	
A1	NHH-65B-R2B	72	11.9	97	2	b	Front	42	-8	Added	
R4	RF4439d-25A	15	15	97	2	a	Behind	24	0	Added	
R2	MT6407-77A	35.1	16.1	27	3	a	Front	42	0	Added	
A6	LPA-80063/6CF	70.9	15	3	4	a	Front	42	0	Retained	06/09/2021

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-80063/6CF	70.9	15	147	1	a	Front	42	0	Retained	06/09/2021
R5	RF4440d-13A	15	15	147	1	a	Behind	24	0	Added	
A1	NHH-65B-R2B	72	11.9	97	2	a	Front	42	8	Added	
A1	NHH-65B-R2B	72	11.9	97	2	b	Front	42	-8	Added	
R4	RF4439d-25A	15	15	97	2	a	Behind	24	0	Added	
R2	MT6407-77A	35.1	16.1	27	3	a	Front	42	0	Added	
A6	LPA-80063/6CF	70.9	15	3	4	a	Front	42	0	Retained	06/09/2021

Maser Consulting Connecticut

Site Information	Site ID:	467657-VZW / ELLINGTON SOUTH CT
	Site Name:	ELLINGTON SOUTH CT
	Carrier Name:	Verizon Wireless
	Address:	319 Peter Green Road Tolland, Connecticut 06084 Tolland County
	Latitude:	41.896614°
	Longitude:	-72.393731°
Structure Information	Tower Type:	120-Ft Monopole
	Mount Type:	12.50-Ft Platform

To Whom It May Concern,

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

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

As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates the latest wind speed map 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 method, seismic analysis, 30-degree increment wind direction 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: ***ELLINGTON SOUTH 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	663	2652	110	0.0079	0.5007	1.57%
VZW CDMA	869	2	401	802	110	0.0024	0.5793	0.41%
VZW Cellular	869	4	691	2764	110	0.0082	0.5793	1.42%
VZW PCS	1980	4	1466	5864	110	0.0174	1.0000	1.74%
VZW AWS	2125	4	1626	6504	110	0.0193	1.0000	1.93%
VZW CBAND	3730	4	6531	26124	110	0.0776	1.0000	7.76%
Total Percentage of Maximum Permissible Exposure								14.84%

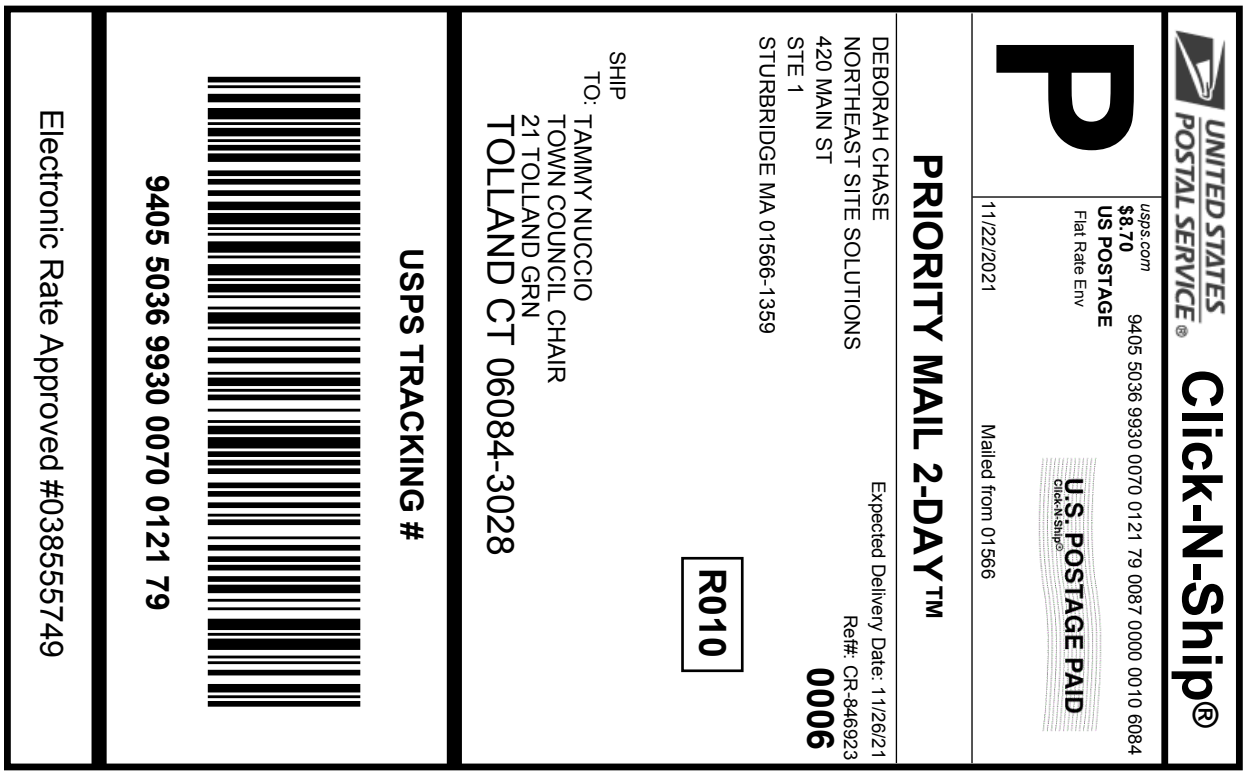
*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification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

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

Absolute worst case maximum values used.

Exhibit F

Recipient Mailings



Cut on dotted line.

Instructions

1. **Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.**
2. **Place your label so it does not wrap around the edge of the package.**
3. **Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.**
4. **To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.**
5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0070 0121 79

Trans. #:	548990409
Print Date:	11/22/2021
Ship Date:	11/22/2021
Expected Delivery Date:	11/26/2021

Priority Mail® Postage:	**$8.70**
Total:	**$8.70**

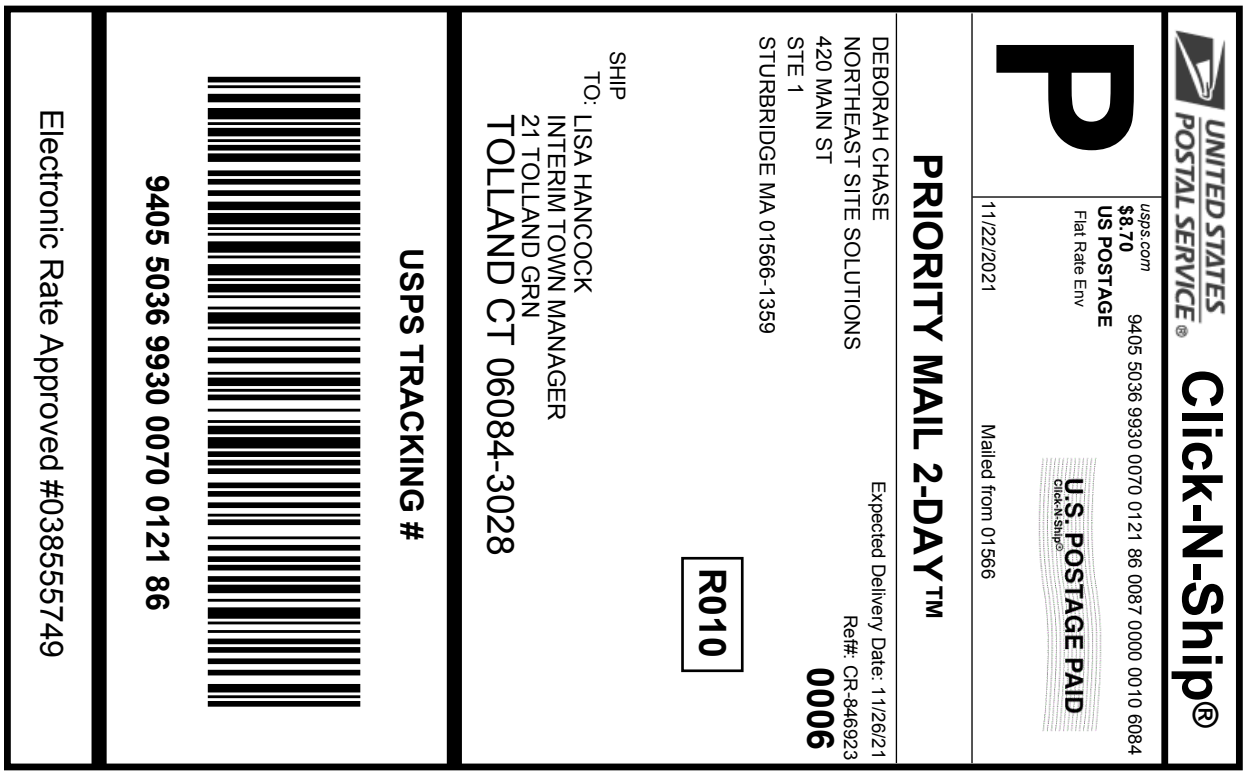
From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-846923

To: TAMMY NUCCIO
TOWN COUNCIL CHAIR
21 TOLLAND GRN
TOLLAND CT 06084-3028

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

Thank you for shipping with the United States Postal Service!
Check the status of your shipment on the USPS Tracking® page at usps.com



Cut on dotted line.

Instructions

1. **Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.**
2. **Place your label so it does not wrap around the edge of the package.**
3. **Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.**
4. **To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.**
5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0070 0121 86

Trans. #:	548990409
Print Date:	11/22/2021
Ship Date:	11/22/2021
Expected Delivery Date:	11/26/2021

Priority Mail® Postage:	**$8.70**
Total:	**$8.70**

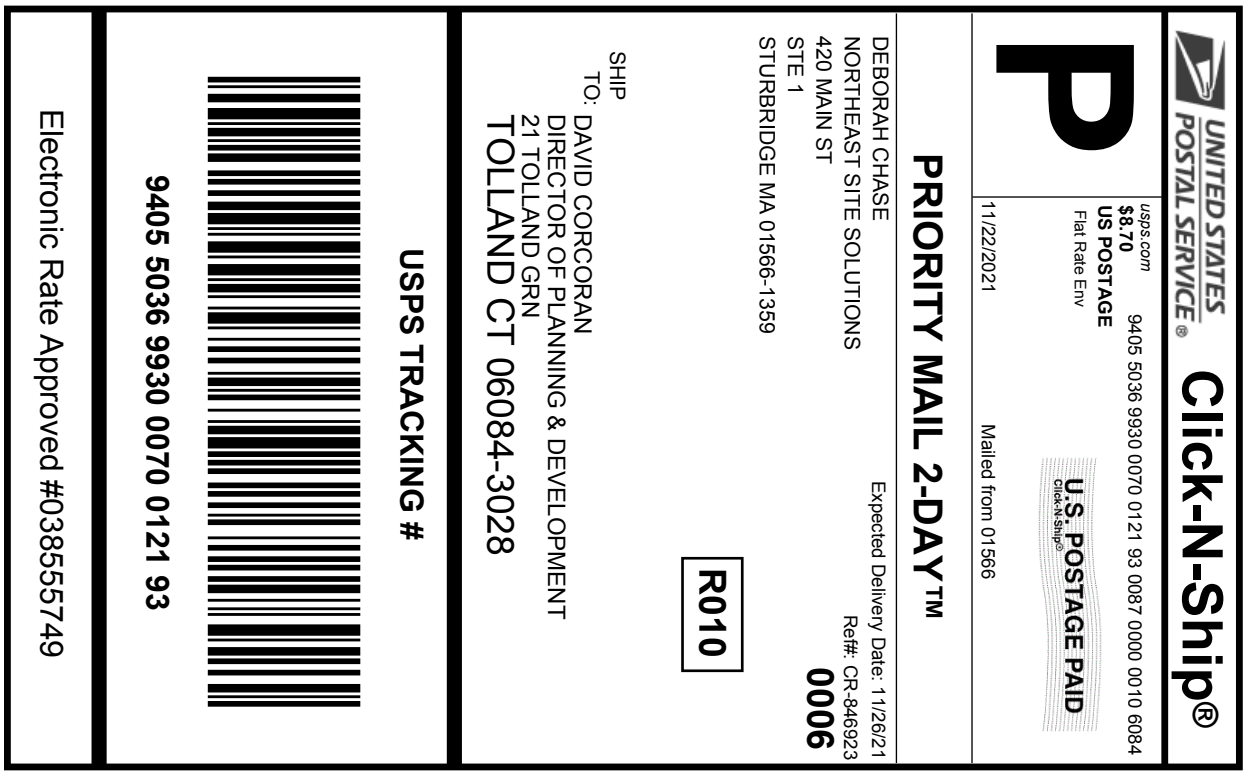
From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-846923

To: LISA HANCOCK
INTERIM TOWN MANAGER
21 TOLLAND GRN
TOLLAND CT 06084-3028

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

Thank you for shipping with the United States Postal Service!
Check the status of your shipment on the USPS Tracking® page at usps.com



Cut on dotted line.

Instructions

1. **Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.**
2. **Place your label so it does not wrap around the edge of the package.**
3. **Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.**
4. **To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.**
5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0070 0121 93

Trans. #:	548990409
Print Date:	11/22/2021
Ship Date:	11/22/2021
Expected Delivery Date:	11/26/2021

Priority Mail® Postage:	**$8.70**
Total:	**$8.70**

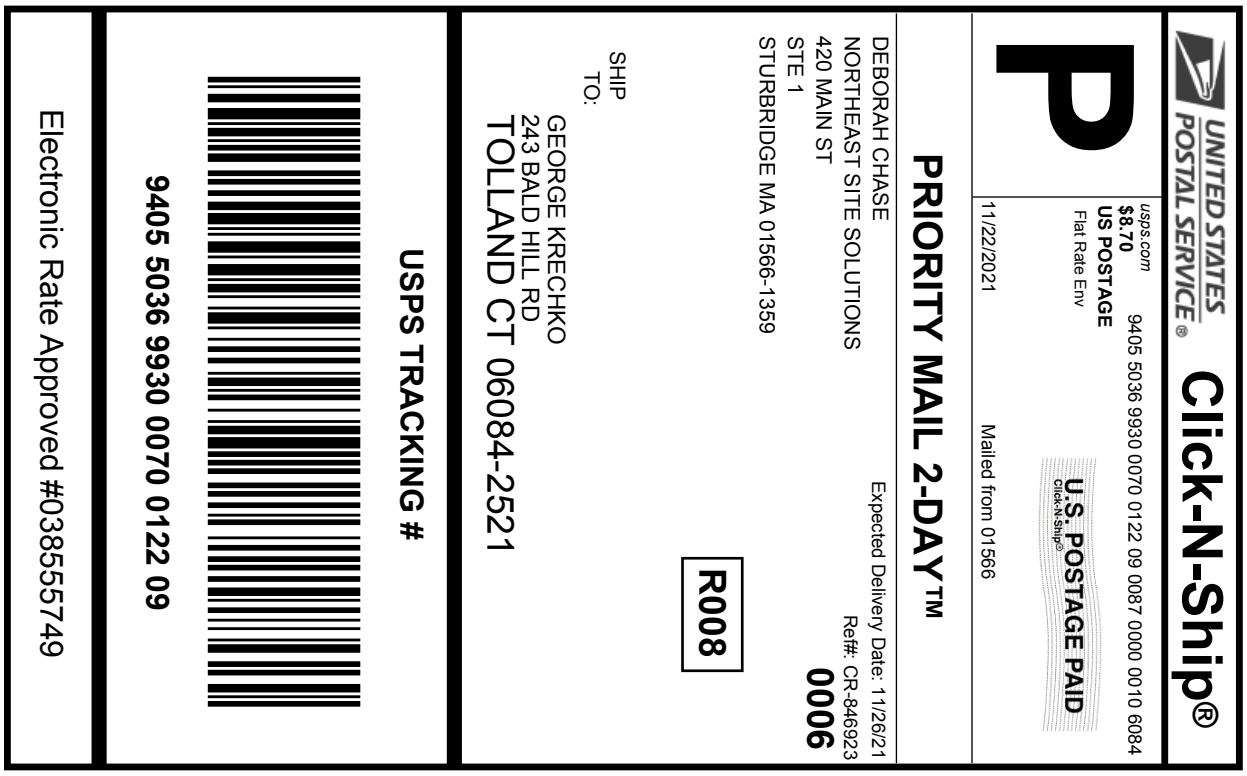
From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-846923

To: DAVID CORCORAN
DIRECTOR OF PLANNING & DEVELOPMENT
21 TOLLAND GRN
TOLLAND CT 06084-3028

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

Thank you for shipping with the United States Postal Service!
Check the status of your shipment on the USPS Tracking® page at usps.com



Cut on dotted line.

Instructions

1. **Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.**
2. **Place your label so it does not wrap around the edge of the package.**
3. **Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.**
4. **To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.**
5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0070 0122 09

Trans. #:	548990409
Print Date:	11/22/2021
Ship Date:	11/22/2021
Expected Delivery Date:	11/26/2021

Priority Mail® Postage:	**$8.70**
Total:	**$8.70**

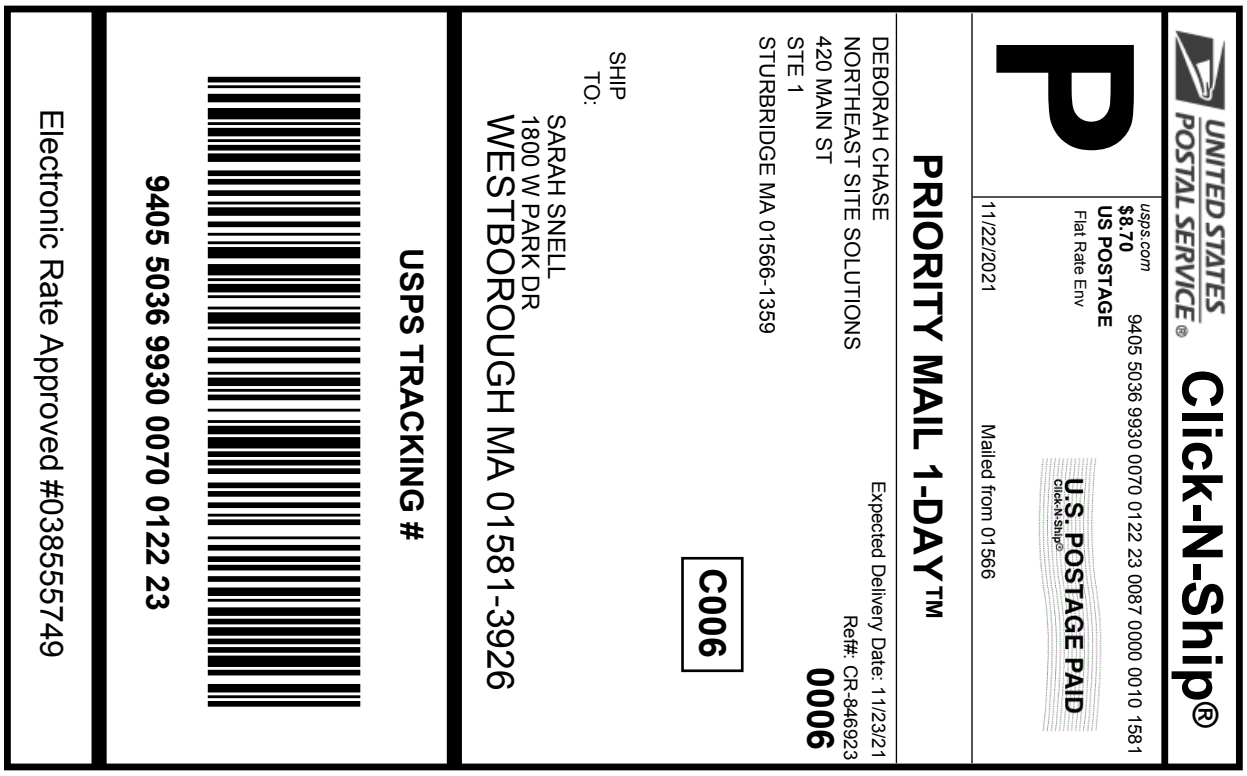
From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-846923

To: GEORGE KRECHKO
243 BALD HILL RD
TOLLAND CT 06084-2521

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

Thank you for shipping with the United States Postal Service!
Check the status of your shipment on the USPS Tracking® page at usps.com



Cut on dotted line.

Instructions

1. **Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.**
2. **Place your label so it does not wrap around the edge of the package.**
3. **Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.**
4. **To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.**
5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0070 0122 23

Trans. #:	548990409
Print Date:	11/22/2021
Ship Date:	11/22/2021
Expected Delivery Date:	11/23/2021

Priority Mail® Postage:	**$8.70**
Total:	**$8.70**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-846923

To: SARAH SNELL
1800 W PARK DR
WESTBOROUGH MA 01581-3926

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

Thank you for shipping with the United States Postal Service!
Check the status of your shipment on the USPS Tracking® page at usps.com

846293

UNITED STATES POSTAL SERVICE.

UNIONVILLE
24 MILL ST
UNIONVILLE, CT 06085-9998
(800)275-8777

11/23/2021 03:21 PM

Product	Qty	Unit Price	Price
Prepaid Mail Westborough, MA 01581 Weight: 0 lb 2.00 oz Acceptance Date: Tue 11/23/2021 Tracking #: 9405 5036 9930 0070 0122 23	1		$0.00
Prepaid Mail Tolland, CT 06084 Weight: 0 lb 8.20 oz Acceptance Date: Tue 11/23/2021 Tracking #: 9405 5036 9930 0070 0121 86	1		$0.00
Prepaid Mail Tolland, CT 06084 Weight: 0 lb 8.20 oz Acceptance Date: Tue 11/23/2021 Tracking #: 9405 5036 9930 0070 0121 79	1		$0.00
Prepaid Mail Tolland, CT 06084 Weight: 0 lb 8.20 oz Acceptance Date: Tue 11/23/2021 Tracking #: 9405 5036 9930 0070 0122 09	1		$0.00
Prepaid Mail Tolland, CT 06084 Weight: 0 lb 8.20 oz Acceptance Date: Tue 11/23/2021 Tracking #: 9405 5036 9930 0070 0121 93	1		$0.00