CROWN CASTLE

1 Cityplace Dr, Suite 490

Creve Coeur, MO 63141

Phone: (314) 513-0147

www.crowncastle.com

October 4, 2021

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

RE: **Notice of Exempt Modification for Verizon**
Crown Site ID# 806375, Verizon Site ID#468317
190 BURNHAM ST, South Windsor, CT. 06074
Latitude: 41° 48′ 0.49″/ Longitude: -72° 36′ 57.15″

Dear Ms. Bachman:

Verizon currently maintains six (6) antennas at the 109-foot mount and nine (9) antennas at the 108-foot mount on the existing 110-foot Monopole Tower located at. The property is owned by 190 Burnham LLC and the Tower by Crown Castle. Verizon now intends to replace nine (9) existing antennas and add nine (9) antennas. This modification/proposal includes hardware that is both 4G(LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Planned Modifications:
Tower:
REMOVE AND REPLACE

(3) Kathrein - 742213 Antennas (REMOVE), (3) Samsung – MT6407-77A Antennas (REPLACED)

(3) Kathrein - 742213 Antennas (REMOVE), (3) Commscope – NHH-65B-R2B Antennas (REPLACED)

(2) Andrew - LNX-6514DS-AIM Antennas (REMOVE), (2) Commscope - NHHSS-65B-R2B Antennas (REPLACED)

(1) CSS – X7C-FRO-660-V-06 Antenna (REMOVE), (1) Commscope - NHHSS-65B-R2B Antennas (REPLACED)

(1) OVP Box – RFS-DB-B1-6C12AB-OZ (REMOVE), (1) OVP Box – RAYCAP – RVZDC-6627-PF-48 (REPLACE)

(3) Nokia UHBB B13 Remote Radio head (REMOVE), (3) Samsung – RFV01U-D2A Remote Radio Head (REPLACE)

(3) Nokia UNHID B4 Remote Radio head (REMOVE), (3) Samsung – RFV01U-D1A Remote Radio Head (REPLACE)

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TO REMAIN

(4) Antel – LPA-80080/4CF Antennas

(2) Antel – LPA-80083/4CF Antennas

INSTALL NEW

Install (3) Samsung – CBRS RT4401-48A Remote Radio Head

Install (3) Site PRO1: RMQP-496-HK Antenna mount

Install (1) 6x12 Hybrid Cable

The facility was approved by the Connecticut Siting Council in its November 14, 1990 Decision and Order in Docket No. 137.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. §16-50j-72(b)(2). In accordance with R.C.S.A. §16-50j-73, a copy of this letter is being sent to Andrew Pater, Mayor of South Windsor and Kenneth Rich, Chief Building Official. A copy will also be sent to the property owner.

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

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

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

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

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

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

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

Sincerely,

Ersilia Davis

Ersilia Davis
NETWORK BUILDING + CONSULTING
777 Sentry Parkway W,VEVA 17, Suite 400
Blue Bell, PA 19422
(551) 804-0667
edavis@nbcllc.com

cc:

Andrew Paterna, Mayor of South Windsor
1540 Sullivan Ave
South Windsor, CT 06074
(860) 644-2511
(Via Fedex)

Kenneth Rich, Chief Building Official
1540 Sullivan Ave,
South Windsor, CT 06074
(860) 644-2511
(Via Fedex)

190 Burnham LLC, Landowner
190 Burnham Street
South Windsor, CT 06074
(Via Fedex)

TRACK ANOTHER SHIPMENT

774878135523

ADD NICKNAME

Delivered
Tuesday, October 5, 2021 at 10:08 am

DELIVERED

Signed for by: G.GINA

GET STATUS UPDATES

OBTAIN PROOF OF DELIVERY

FROM

Ersilia Davis

1777 Sentry Parkway
VEVA 17, Suite 210
Blue Bell, PA US 19422
551-804-0667

TO

Andrew Paterna
Town of South Windsor

1540 Sullivan Ave
SOUTH WINDSOR, CT US 06074
860-644-2511

Travel History

TIME ZONE
Local Scan Time

Tuesday, October 5, 2021

10:08 AM	SOUTH WINDSOR, CT	Delivered
9:37 AM	WINDSOR LOCKS, CT	On FedEx vehicle for delivery
9:37 AM	WINDSOR LOCKS, CT	At local FedEx facility
8:16 AM	WINDSOR LOCKS, CT	At local FedEx facility
5:45 AM	EAST GRANBY, CT	At destination sort facility
4:59 AM	NEWARK, NJ	Departed FedEx hub

Monday, October 4, 2021

TRACK ANOTHER SHIPMENT

774878161645

ADD NICKNAME

Delivered
Tuesday, October 5, 2021 at 10:08 am

DELIVERED

Signed for by: G.GINA

GET STATUS UPDATES

OBTAIN PROOF OF DELIVERY

FROM

Ersilia Davis

1777 Sentry Parkway
VEVA 17, Suite 210
Blue Bell, PA US 19422
551-804-0667

TO

Kenneth Rich, Building Dept.
Town of South Windsor

1540 Sullivan Ave
SOUTH WINDSOR, CT US 06074
860-644-2511

Travel History

TIME ZONE
Local Scan Time

Tuesday, October 5, 2021

10:08 AM	SOUTH WINDSOR, CT	Delivered
9:37 AM	WINDSOR LOCKS, CT	On FedEx vehicle for delivery
9:37 AM	WINDSOR LOCKS, CT	At local FedEx facility
8:16 AM	WINDSOR LOCKS, CT	At local FedEx facility
5:45 AM	EAST GRANBY, CT	At destination sort facility
4:59 AM	NEWARK, NJ	Departed FedEx hub

Monday, October 4, 2021

TRACK ANOTHER SHIPMENT

774878237356

ADD NICKNAME

Delivered
Tuesday, October 5, 2021 at 10:25 am

DELIVERED

Signed for by: P.PAMELA

GET STATUS UPDATES

OBTAIN PROOF OF DELIVERY

FROM

Ersilia Davis

1777 Sentry Parkway
VEVA 17, Suite 210
Blue Bell, PA US 19422
551-804-0667

TO

190 Burnham LLC

190 Burnham Street
SOUTH WINDSOR, CT US 06074
508-621-9146

Travel History

TIME ZONE
Local Scan Time

Tuesday, October 5, 2021

10:25 AM	SOUTH WINDSOR, CT	Delivered
9:11 AM	WINDSOR LOCKS, CT	On FedEx vehicle for delivery
8:12 AM	WINDSOR LOCKS, CT	At local FedEx facility
5:45 AM	EAST GRANBY, CT	At destination sort facility
4:59 AM	NEWARK, NJ	Departed FedEx hub

Monday, October 4, 2021

6:49 PM	NEWBURGH, NY	Picked up

Exhibit A

Original Facility Approval

DOCKET NO. 137 - An application of Metro Mobile CTS of Hartford, Inc., for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of cellular facilities in the Towns of East Hartford, South Windsor, and Windsor, Connecticut.

Connecticut Siting Council

November 14, 1990

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council finds that the effects associated with the construction, operation, and maintenance of two cellular telecommunications towers and associated equipment at the proposed Windsor and alternate South Windsor sites 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 need not be in conflict either alone or cumulatively with other effects, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatability and Public Need (Certificate), as provided by section 16-50k of the Connecticut General Statutes (CGS), be issued to Metro Mobile CTS of Hartford, Inc., for the construction, operation, and maintenance of a cellular telecommunications tower, associated equipment, and building at the proposed Windsor site and alternate South Windsor site.

The facilities 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 facilities shall be constructed in accordance with the State of Connecticut Basic Building Code.

2. The self-supporting monopole towers shall be no taller than necessary to provide the proposed communication service and in no event shall the towers exceed a total height of 123 feet above ground level (AGL) at the alternate South Windsor site and 113 feet AGL at the proposed Windsor site, with antennas and appurtenances.

3. The Certificate holder shall prepare a Development and Management (D&M) Plan, for approval by the Council, for these sites in compliance with sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies. The D&M plan shall include detailed plans of the towers, tower foundations, soil boring reports, equipment buildings, access roads, security fences, erosion and sedimentation control plans consistent with the Connecticut Guidelines of Soil Erosion and Sedimentation Control, and landscaping plans.

At the alternate South Windsor site the applicant shall relocate the tower on the eastern half the leased parcel to reduce the amount of properties within the fall zone.

All pine trees bordering the alternate South Windsor site shall be flagged and protected from removal during site construction.

At the proposed Windsor site the applicant shall plant additional shrubs and trees along the border of the leased parcel facing the playing fields.

4. The Certificate Holder shall comply with any existing and future radio frequency (RF) standard promulgated by State or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facilities granted in this Decision and Order shall be brought into compliance with such standards.

5. The Certificate Holder shall provide the Council a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power densities above the levels originally calculated and provided in the application.

6. The Certificate Holder shall permit public or private entities to share space on the proposed towers for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.

7. If the facilities do not initially provide, or permanently cease to provide cellular service following completion of construction, this Decision and Order shall be void, and the tower(s) and all associated equipment shall be dismantled and removed or reapplication for any new use shall be made to the Council before any such new use is made.

8. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order or within three years after all appeals to this Decision and Order have been resolved.

Pursuant to Section 16-50p, we 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 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 State Agencies.

The parties to this proceeding are:

(PARTIES)	(ITS REPRESENTATIVES)
Metro Mobile CTS of Hartford, Inc. 20 Alexander Drive P.O. Box 5029 Wallingford, CT. 06492 Attn: Gary Schulman	Robinson & Cole One Commercial Plaza Hartford, CT. 06103-3597 Attn: Earl W. Phillips
Town of East Hartford	Mr. G. Barry Goodberg Asst. Corp. Counsel Town of East Hartford 740 Main Street East Hartford, CT. 06108
(INTEVENORS)	**(ITS REPRESENTATIVES)**
Town of South Windsor	Jean E. Zurbrigen Town Manager Town of South Windsor 1540 Sullivan Avenue South Windsor, CT. 06074
SNET Cellular, Inc.	Peter J. Tyrrell, Esq. SNET Cellular, Inc. 227 Church Street New Haven, CT 06506

CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket No. 137 or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut the 14th day of November, 1990.

Council Members	Vote Cast
Gloria Dibble Pond Chairperson	Yes
Commissioner Peter Boucher Designee: Mark Marcus	Yes
Commissioner Leslie Carothers Designee: Brian Emerick	Yes
Harry E. Covey	No
Mortimer A. Gelston	Yes
Daniel P. Lynch, Jr.	Abstain
Paulann H. Sheets	Absent
William H. Smith	Yes
Colin C. Tait	Absent

Exhibit B

Property Card

BU #: **806375**

Tax Parcel ID # (Real Property):

SWIN-000005-000000-000031 (ALT APN 709606)

Aerial Photo of Parcel from County GIS Database:

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 323512
VERIZON SITE NAME: BURNHAM ST CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 110'-0"

BUSINESS UNIT #: 806375
SITE ADDRESS: 190 BURNHAM ST
SOUTH WINDSOR, CT 06074
COUNTY: HARTFORD
JURISDICTION: TOWN OF SOUTH WINDSOR

VERIZON RRH UPGRADE / FUZE ID 16231955

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	HRT 095 943237
SITE ADDRESS:	190 BURNHAM ST SOUTH WINDSOR, CT 06074
COUNTY:	HARTFORD
MAP/PARCEL #:	----
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 48' 0.49" N
LONGITUDE:	72° 36' 57.15" W
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	----
CURRENT ZONING:	----
JURISDICTION:	TOWN OF SOUTH WINDSOR
OCCUPANCY CLASSIFICATION:	----
TYPE OF CONSTRUCTION:	----
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	------
TOWER OWNER:	CROWN CASTLE MU LLC 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 1515 E. WOODFIELD ROAD SCHAUMBURG, IL 60173
ELECTRIC PROVIDER:	----
TELCO PROVIDER:	----

PROJECT TEAM

A&E FIRM:	TECTONIC ENGINEERING & SURVEYING CONSULTANTS P.C. 1279 ROUTE 300 NEWBURGH, NY 12550 PHONE: (845) 567-6656
CROWN CASTLE USA INC. DISTRICT CONTACTS:	1200 MACARTHUR BLVD, SUITE 200 MAHWAH, NJ 07430 ---- - PROJECT MANAGER ---- ---- - CONSTRUCTION MANAGER ----
VERIZON CONTACT:	---- ----

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
C-7	ANTENNA MOUNT SPECIFICATION
G-1	GROUNDING DETAILS
G-2	GROUNDING DETAILS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR ----. 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	TBD
VzW LOCATION CODE (PSLC)	468317

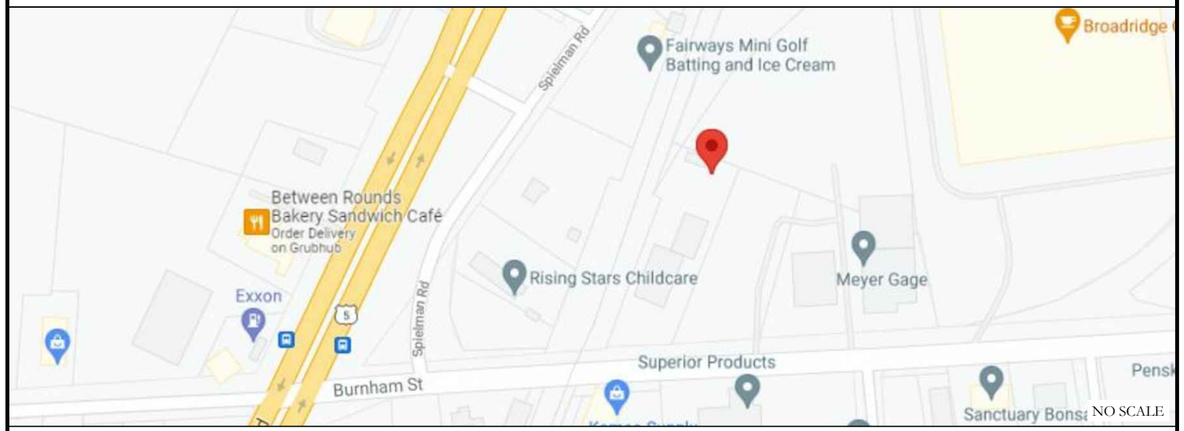
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	Y

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



NO SCALE

DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (180 WASHINGTON VALLEY RD, BEDMINSTER, NJ 07921)

HEAD NORTHWEST. SLIGHT LEFT. TURN RIGHT ONTO US-202 N/US-206 N. TURN RIGHT ONTO SCHLEY MOUNTAIN RD. MERGE WITH I-287 N. ENTERING NEW YORK. TAKE THE I-87 S/NEW YORK STATE THRUWAY/I-287 EXIT TOWARD GOV MARIO M. CUOMO BR/NEW YORK CITY. MERGE WITH I-287 E/I-87 S. TAKE EXIT 9 S-N TOWARD HUTCHINSON PKWY/MERRITT PKWY. MERGE WITH WESTCHESTER AVE. KEEP RIGHT AT THE Y JUNCTION TO STAY ON HUTCHINSON RIVER PKWY N. ENTERING CONNECTICUT. TAKE THE INTERSTATE 291/CT-218 EXIT TOWARD WINDSOR/BLOOMFIELD/MANCHESTER.TAKE EXIT 4 TO MERGE WITH US-5 S TOWARD EAST HARTFORD.MERGE WITH US-5 S. TURN LEFT ONTO BURNHAM ST. TURN LEFT. DESTINATION WILL BE ON THE LEFT.

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	2018 CT SBC
MECHANICAL	2018 CT SBC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	----
DATED:	
MOUNT ANALYSIS:	MASER CONSULTING (MOUNT REPLACEMENT)
DATED:	04/30/2021
RFDS REVISION:	0
DATED:	03/24/21
ORDER ID:	552626
REVISION:	0

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

811

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 (9) ANTENNAS
- REMOVE (6) RRHs
- REMOVE (1) 6CKT OVP
- INSTALL (3) MOUNT
- INSTALL (9) ANTENNAS
- INSTALL (9) RRHs
- INSTALL (1) 6x12 HYBRID CABLE
- INSTALL (1) 12 CKT OVP

GROUND SCOPE OF WORK:
- NONE

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
1200 MACARTHUR BLVD, SUITE 200
MAHWAH, NJ 07430

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.
Tectonic Engineering & Surveying Consultants P.C.
70 Pleasant Hill Road — Phone: (845) 534-9009
P.O. Box 37 — (800) 839-8331
Mountainville, NY 10953 — www.tectonicengineering.com
Project Contact Info
1279 Route 300
Newburgh, NY 12550 — Phone: (845) 567-6656

VERIZON SITE NUMBER:
323512

BU #: **806375**
HRT 095 943237

190 BURNHAM ST
SOUTH WINDSOR, CT 06074

EXISTING 110'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	08/30/21	VM	PRELIMINARY	----
0	09/10/21	VM	FOR CONSTRUCTION	----

STATE OF CONNECTICUT
ANTONIO A. GUALTIERI
PEN.0025406
LICENSED PROFESSIONAL ENGINEER

09/10/21

SHEET NUMBER: T-1
REVISION: A

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
1200 MACARTHUR BLVD, SUITE 200
MAHWAH, NJ 07430

Tectonic
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P.O. Box 37 (800) 829–6531
Mountainville, NY 10953 www.tectonicengineering.com
Project Contact Info
1279 Route 300
Newburgh, NY 12550 Phone: (845) 567–6656

VERIZON SITE NUMBER:
323512

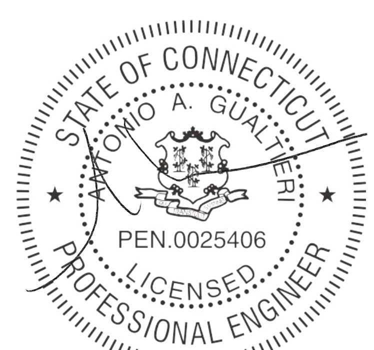
BU #: **806375**
HRT 095 943237

190 BURNHAM ST
SOUTH WINDSOR, CT 06074

EXISTING 110'-0" MONOPOLE

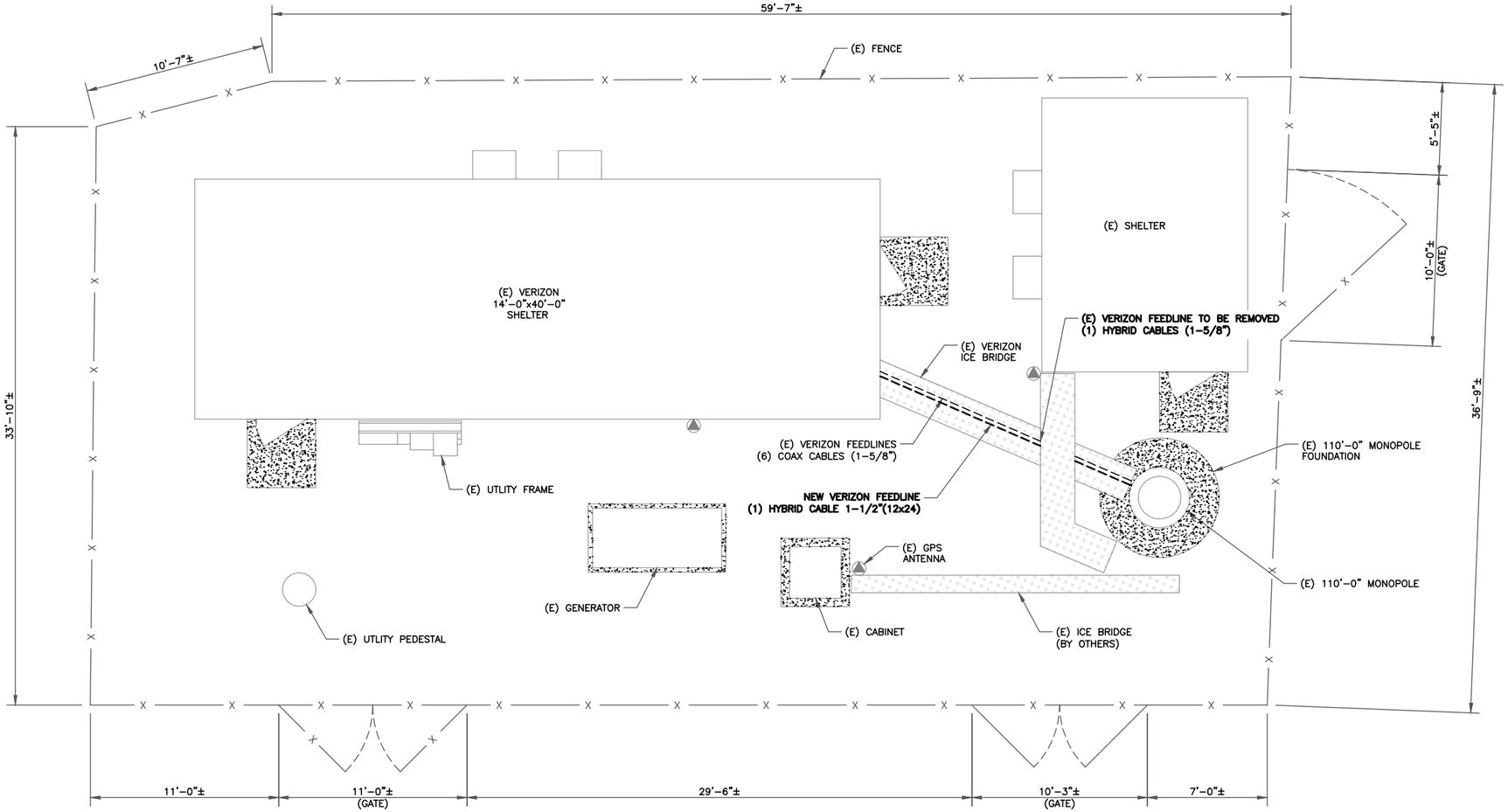
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	08/30/21	VM	PRELIMINARY	----
0	09/10/21	VM	FOR CONSTRUCTION	----



09/10/21

SHEET NUMBER: T-2
REVISION: A



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

N

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1200 MACARTHUR BLVD, SUITE 200
MAHWAH, NJ 07430

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P.O. Box 37 (800) 520-8321
Mountainville, NY 10953 www.tectonicengineering.com
Project Control Info
1279 Route 300
Newburgh, NY 12550 Phone: (845) 567-3656

VERIZON SITE NUMBER:
323512

BU #: **806375**
HRT 095 943237

190 BURNHAM ST
SOUTH WINDSOR, CT 06074

EXISTING 110'-0" MONOPOLE

ISSUED FOR:

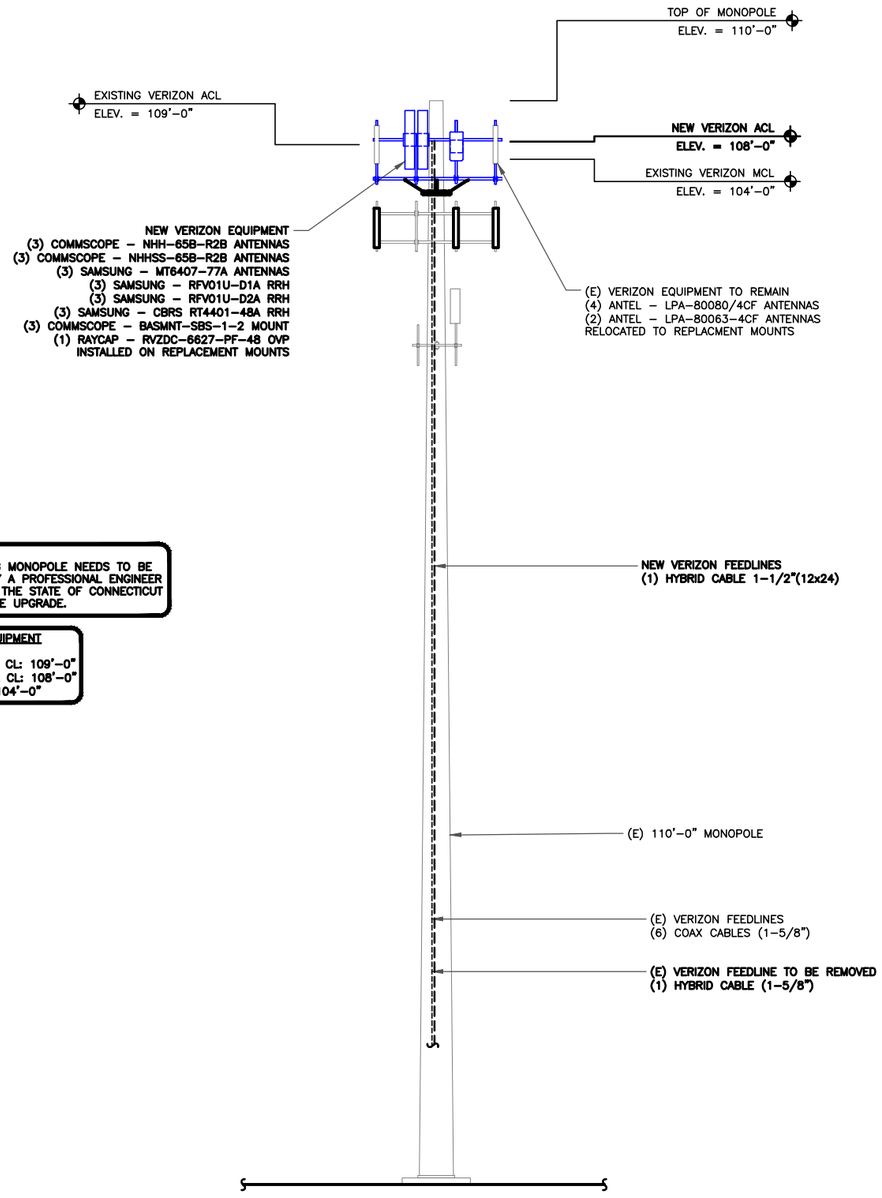
REV	DATE	DRWN	DESCRIPTION	DES./QA
A	08/30/21	VM	PRELIMINARY	----
0	09/10/21	VM	FOR CONSTRUCTION	----

STATE OF CONNECTICUT
ANTONIO A. GUALTIERI
PEN.0025406
LICENSED PROFESSIONAL ENGINEER

09/10/21

SHEET NUMBER: C-1

REVISION: A

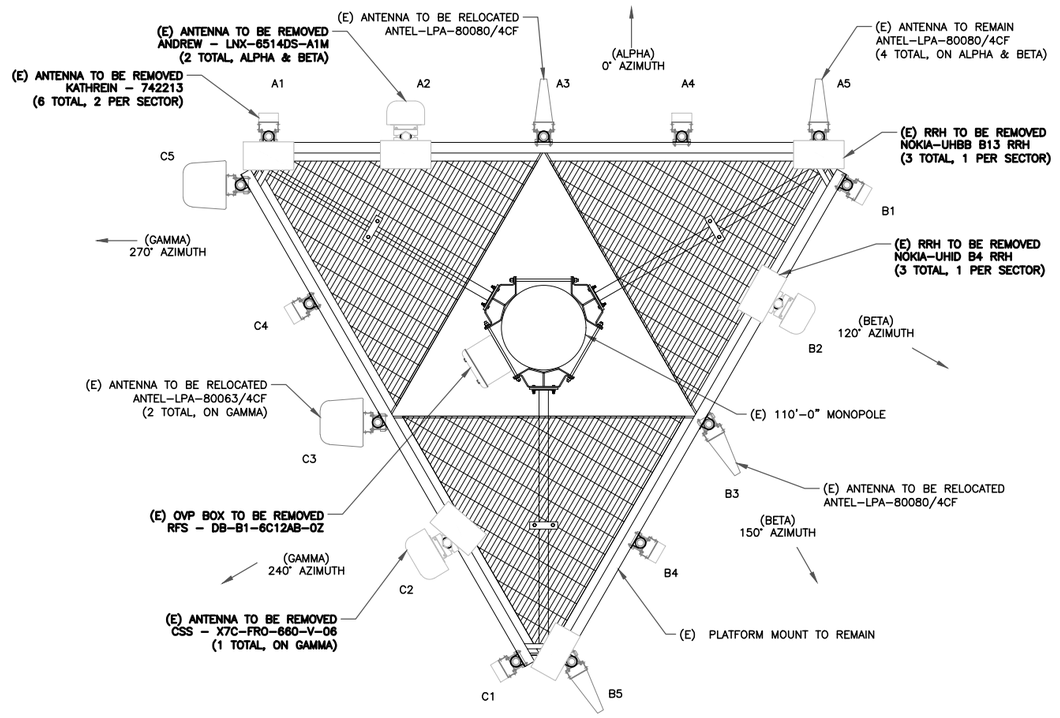


NOTE:
THE EXISTING MONOPOLE NEEDS TO BE ANALYZED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT PRIOR TO THE UPGRADE.

VERIZON EQUIPMENT

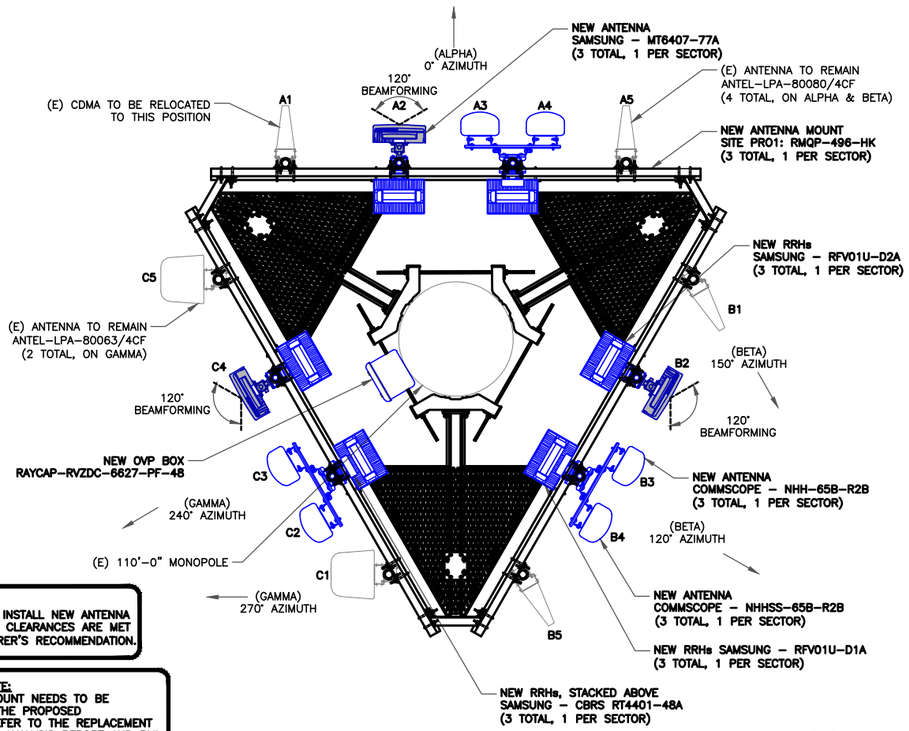
(E) ANTENNA CL: 109'-0"
(N) ANTENNA CL: 108'-0"
MOUNT CL: 104'-0"

1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE

N



NOTE:
CONTRACTOR TO INSTALL NEW ANTENNA AND MAKE SURE CLEARANCES ARE MET PER MANUFACTURER'S RECOMMENDATION.

STRUCTURAL NOTE:
THE EXISTING MOUNT NEEDS TO BE REPLACED FOR THE PROPOSED INSTALLATION. REFER TO THE REPLACEMENT ANTENNA MOUNT ANALYSIS REPORT AND PMI REQUIREMENTS PREPARED BY MASER CONSULTING DATED 04/30/2021 FOR DETAILS.

3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

N

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180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1200 MACARTHUR BLVD, SUITE 200
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Mountainville, NY 10953 www.tectonicengineering.com
Project Content Info
1279 Route 300
Newburgh, NY 12550 Phone: (845) 567-3656

VERIZON SITE NUMBER:
323512

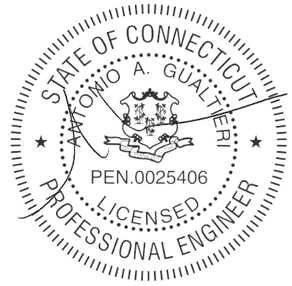
BU #: **806375**
HRT 095 943237

190 BURNHAM ST
SOUTH WINDSOR, CT 06074

EXISTING 110'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	08/30/21	VM	PRELIMINARY	----
0	09/10/21	VM	FOR CONSTRUCTION	----



09/10/21

SHEET NUMBER: **C-2**

REVISION: **A**

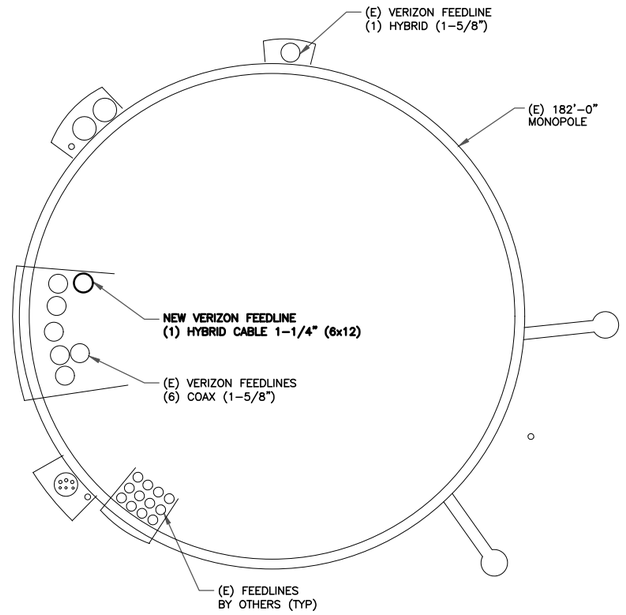
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANTEL	LPA-80080/4CF	109'-0"	0°	2°	0°	RAYCAP SAMSUNG SAMSUNG SAMSUNG COMMSCOPE	RVZDC-6627-PF-48 (1) RFV01U-D1A (1) RFV01U-D2A CBRS RRH - RT4401-48A BSAMNT-SBS-1-2
A2	**NEW**	**COMMSCOPE**	**NHH-65B-R2B**	**108'-0"**	**0°**	**0°**	**4°**		
A3	**NEW**	**COMMSCOPE**	**NHHSS-65B-R2B**	**108'-0"**	**0°**	**0°**	**0°**		
A4	**NEW**	**SAMSUNG**	**MT6407-77A**	**108'-0"**	**0°**	**0°**	**3°**		
A5	EXISTING	ANTEL	LPA-80080/4CF	109'-0"	0°	2°	0°		
B1	EXISTING	ANTEL	LPA-80080/4CF	109'-0"	150°	2°	0°	RAYCAP SAMSUNG SAMSUNG SAMSUNG COMMSCOPE	RVZDC-6627-PF-48 (SHARED) (1) RFV01U-D1A (1) RFV01U-D2A CBRS RRH - RT4401-48A BSAMNT-SBS-1-2
B2	**NEW**	**COMMSCOPE**	**NHH-65B-R2B**	**108'-0"**	**120°**	**0°**	**4°**		
B3	**NEW**	**COMMSCOPE**	**NHHSS-65B-R2B**	**108'-0"**	**120°**	**0°**	**0°**		
B4	**NEW**	**SAMSUNG**	**MT6407-77A**	**108'-0"**	**120°**	**0°**	**3°**		
B5	EXISTING	ANTEL	LPA-80080/4CF	109'-0"	150°	2°	0°		
C1	EXISTING	ANTEL	LPA-80063/4CF	109'-0"	270°	2°	4°	RAYCAP SAMSUNG SAMSUNG SAMSUNG COMMSCOPE	RVZDC-6627-PF-48 (SHARED) (1) RFV01U-D1A (1) RFV01U-D2A CBRS RRH - RT4401-48A BSAMNT-SBS-1-2
C2	**NEW**	**COMMSCOPE**	**NHH-65B-R2B**	**108'-0"**	**240°**	**0°**	**6°**		
C3	**NEW**	**COMMSCOPE**	**NHHSS-65B-R2B**	**108'-0"**	**240°**	**0°**	**0°**		
C4	**NEW**	**SAMSUNG**	**MT6407-77A**	**108'-0"**	**240°**	**0°**	**3°**		
C5	EXISTING	ANTEL	LPA-80063/4CF	109'-0"	270°	2°	4°		

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	158'-0"±	6
EXISTING	HYBRID	1-5/8"	158'-0"±	1
NEW	**HYBRID**	**1-1/4"**	**158'-0"±**	**1**
TOTAL CABLE QTY:				**8**



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

N

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Another Centered Site
1279 Route 300 Phone: (845) 567-3656
Newburgh, NY 12550

VERIZON SITE NUMBER:
323512

BU #: **806375**
HRT 095 943237

190 BURNHAM ST
SOUTH WINDSOR, CT 06074

EXISTING 110'-0" MONOPOLE

ISSUED FOR:

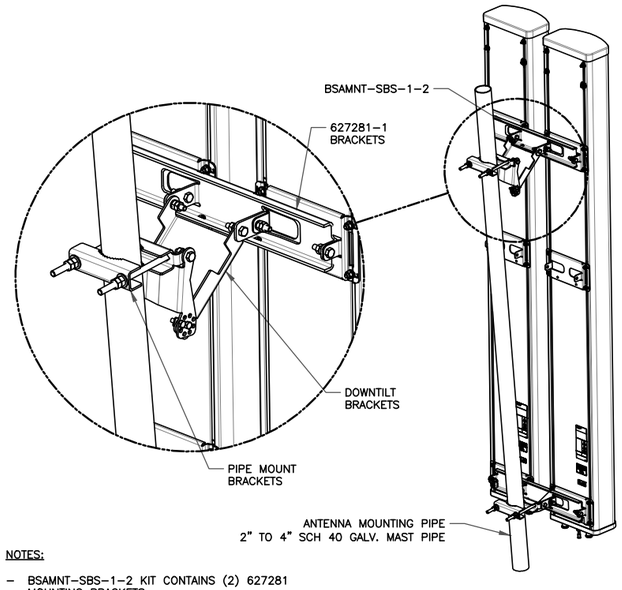
REV	DATE	DRWN	DESCRIPTION	DES./QA
A	08/30/21	VM	PRELIMINARY	----
0	09/10/21	VM	FOR CONSTRUCTION	----

STATE OF CONNECTICUT
ANTONIO A. GUALTIERI
PEN.0025406
LICENSED
PROFESSIONAL ENGINEER

09/10/21

SHEET NUMBER: C-3

REVISION: A

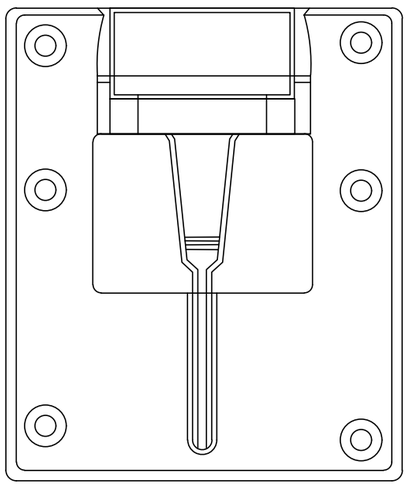


NOTES:

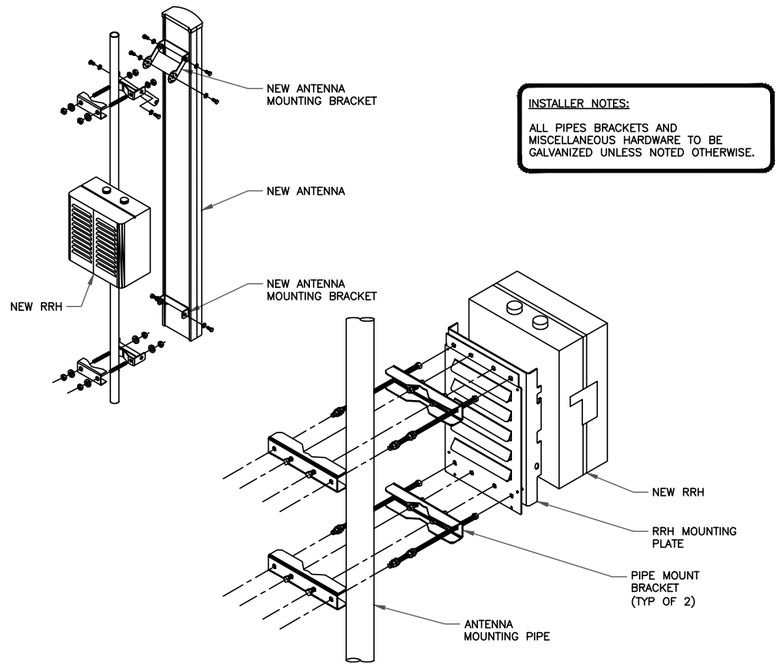
- BSAMNT-SBS-1-2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

1 COMMSCOPE – BSAMNT-SBS-1-2
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE



3 SAMSUNG – EP97-01585A BRACKET DETAIL
SCALE: NOT TO SCALE



INSTALLER NOTES:

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

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

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Project Contact Info
1279 Route 300
Newburgh, NY 12550 Phone: (845) 567-3656

VERIZON SITE NUMBER:
323512

BU #: **806375**
HRT 095 943237

190 BURNHAM ST
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EXISTING 110'-0" MONOPOLE

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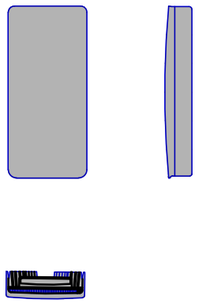
STATE OF CONNECTICUT
ANTONIO A. GUALTIERI
PEN.0025406
LICENSED
PROFESSIONAL ENGINEER

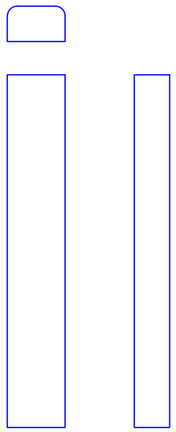
09/10/21

SHEET NUMBER: C-4
REVISION: A



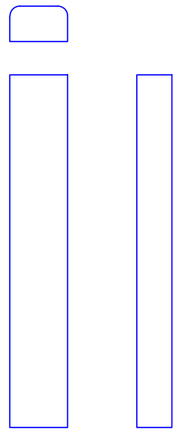
SAMSUNG – MT6407-77A
WEIGHT : 87.1 LBS
SIZE (HxWxD): 16.06 x 35.12 x 5.51 IN.

1 SAMSUNG – MT6407-77A
SCALE: NOT TO SCALE



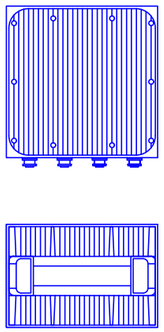
COMMSCOPE – NHH-65B-R2B
WEIGHT : 43.70 LBS
SIZE (HxWxD): 71.96 x 11.85 x 7.08 IN.

2 COMMSCOPE – NHH-65B-R2B
SCALE: NOT TO SCALE



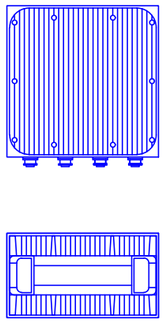
COMMSCOPE – NHHSS-65B-R2B
WEIGHT : 65.50 LBS
SIZE (HxWxD): 72.00 x 11.90 x 7.10 IN.

3 COMMSCOPE – NHHSS-65B-R2B
SCALE: NOT TO SCALE



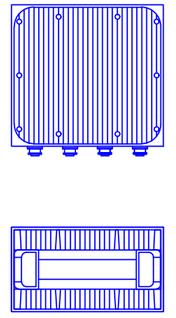
SAMSUNG – B2/B66A RRH-BR049 (RFV01U-D1A)
WEIGHT(W/O EQUIPMENT): 84.4 LBS
SIZE (HxWxD): 15x15x10 IN.

4 SAMSUNG – B2/B66A RRH-BR049 (RFV01U-D1A)
SCALE: NOT TO SCALE



SAMSUNG – B5/B13 RRH-BR04C (RFV01U-D2A)
WEIGHT (W/O EQUIPMENT): 31.9 LBS
SIZE (HxWxD): 15x15x8.1 IN.

5 SAMSUNG – B5/B13 RRH-BR04C (RFV01U-D2A)
SCALE: NOT TO SCALE



SAMSUNG – CBRS RRH – RT4401-48A
WEIGHT(W/O EQUIPMENT): 84.4 LBS
SIZE (HxWxD): 13.9x8.6x4.2 IN.

6 SAMSUNG – CBRS RRHS – RT4401-48A
SCALE: NOT TO SCALE

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Newburgh, NY 12550 Phone: (845) 567-3656

VERIZON SITE NUMBER:
323512

BU #: **806375**
HRT 095 943237

190 BURNHAM ST
SOUTH WINDSOR, CT 06074

EXISTING 110'-0" MONOPOLE

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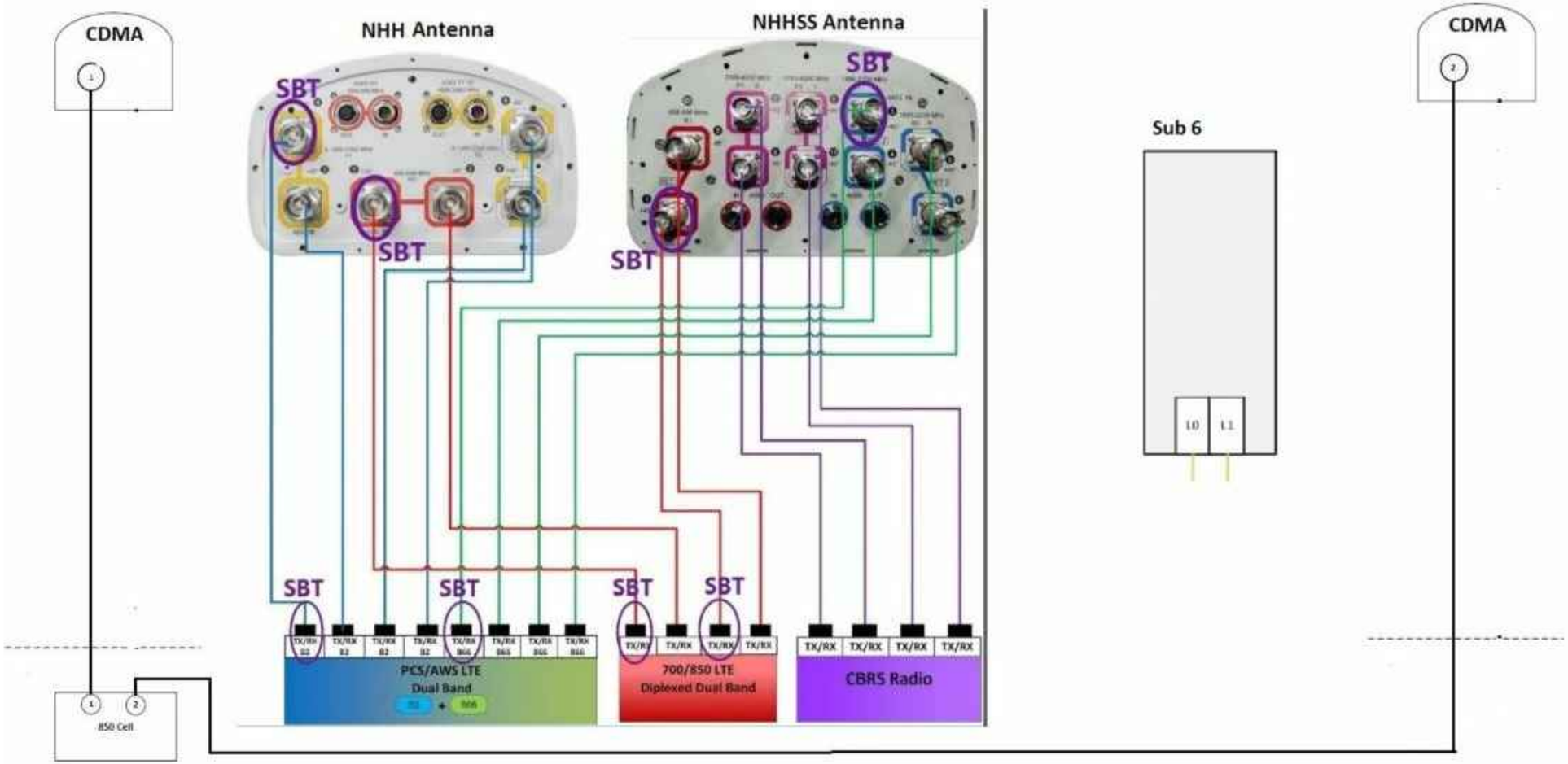
0	09/10/21	VM	FOR CONSTRUCTION	----

STATE OF CONNECTICUT
ANTONIO A. GUALTIERI
PEN.0025406
LICENSED
PROFESSIONAL ENGINEER

09/10/21

SHEET NUMBER: C-5

REVISION: A



1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
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CROWN CASTLE
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323512

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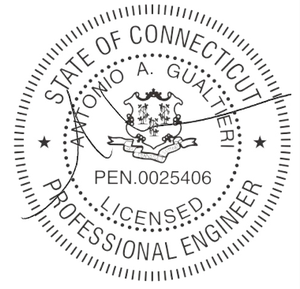
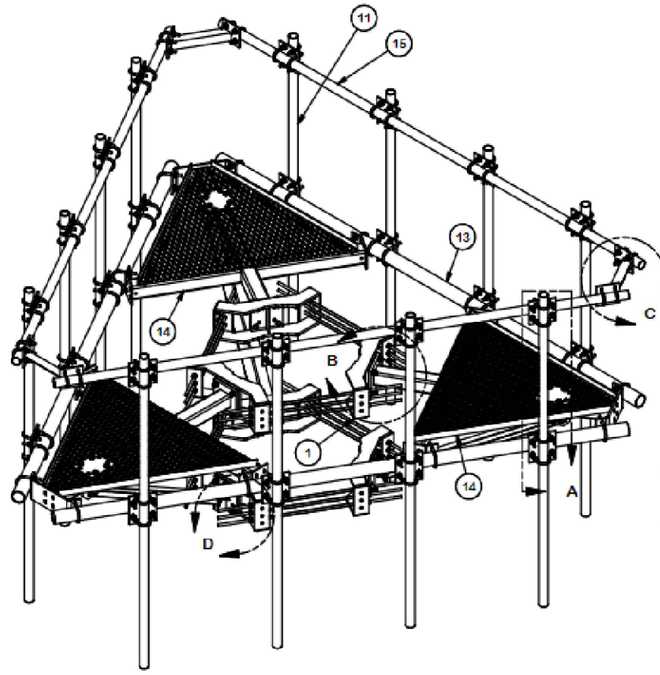
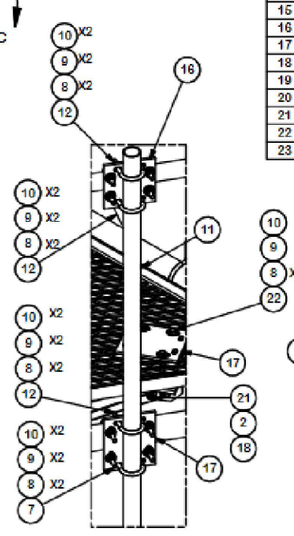


09/10/21

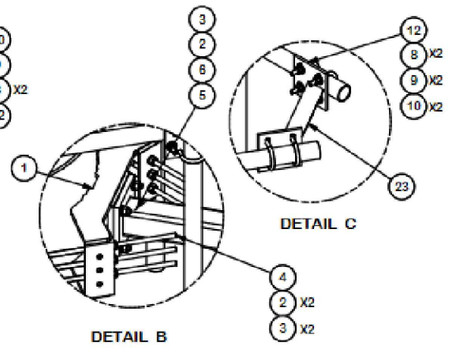
SHEET NUMBER: C-6

REVISION: A



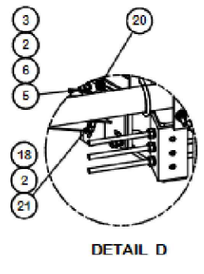


DETAIL A



DETAIL B

DETAIL C



DETAIL D

PARTS LIST

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	6	X-LWRM	RING MOUNT WELDMENT		68.81	412.85
2	66	G58LW	5/8" HDG LOCKWASHER		0.03	1.72
3	60	A58NUT	5/8" HDG A325 HEX NUT		0.13	7.79
4	18	G58R-24	5/8" x 24" THREADED ROD (HDG.)		2.09	37.83
4	18	G58R-48	5/8" x 48" THREADED ROD (HDG.)		4.18	75.27
5	24	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2 3/4 in	0.36	8.54
6	24	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.82
7	36	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.83	29.82
8	264	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	9.00
9	252	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	3.50
10	252	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	18.05
11	12	P296	2-3/8" X 96" SCH. 40 GALVANIZED PIPE	96 in	30.76	369.08
12	84	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.63	52.51
13	3	P3150	3-1/2" X 150" (3" SCH 40) GALVANIZED PIPE	150 in	94.80	284.40
14	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31
15	3	P2150	2-3/8" O.D. X 150" SCH 40 GALVANIZED PIPE	150 in	45.77	137.31
16	12	SCX2	CROSSOVER PLATE	7 in	4.80	57.56
17	15	SCX4	CROSSOVER PLATE	8 1/2 in	6.02	90.32
18	6	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	0.78
19	6	X-253993	PLATFORM REINFORCEMENT KIT ANGLE	52 25/32 in	14.33	85.99
20	6	X-TBW	T-BRACKET WELDMENT		13.60	81.60
21	6	G5802	5/8" x 2" HDG HEX BOLT GR5		0.27	1.62
22	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	5 1/2 in	0.41	4.91
23	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
					TOTAL WT. #	2445.81

REVISION HISTORY				
REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
B	RELOCATED MOUNT PIPE POSITIONS	4488	JET	5/23/2021
A	CHANGED X-253992 TO X-TBW	4488	CEK	9/20/2018

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

DESCRIPTION
12' 6" LOW PROFILE PLATFORM
WITH TWELVE 2-3/8" ANTENNA MOUNTING
PIPES, AND SUPPORT RAIL

SITE PRO 1 — A valmont company
Engineering Support Team: 1-888-753-7446
Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
4488	CEK 7/14/2014		RMQP-496-HK	1 OF 3
CLASS 81 / SUB 02	DRAWING USAGE: CUSTOMER	CHECKED BY: BMC 7/14/2014	DWG. NO.: RMQP-496-HK	

1 ANTENNA MOUNT SPECIFICATION
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
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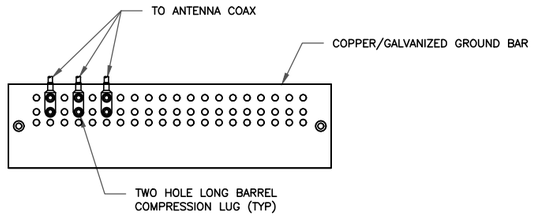
STATE OF CONNECTICUT
ANTONIO A. GUALTIERI
PEN.0025406
LICENSED PROFESSIONAL ENGINEER

09/10/21

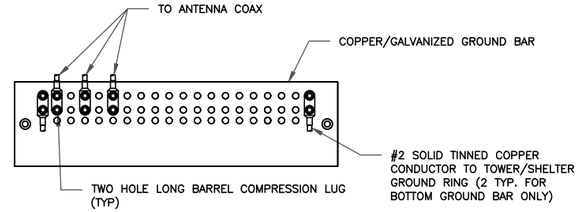
SHEET NUMBER: C-7
REVISION: A



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.

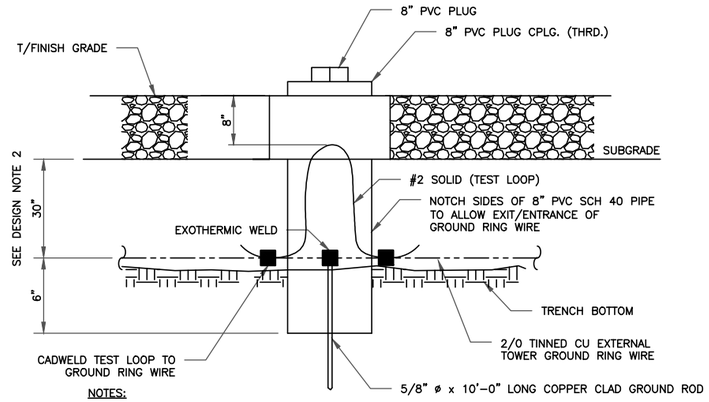
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



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.

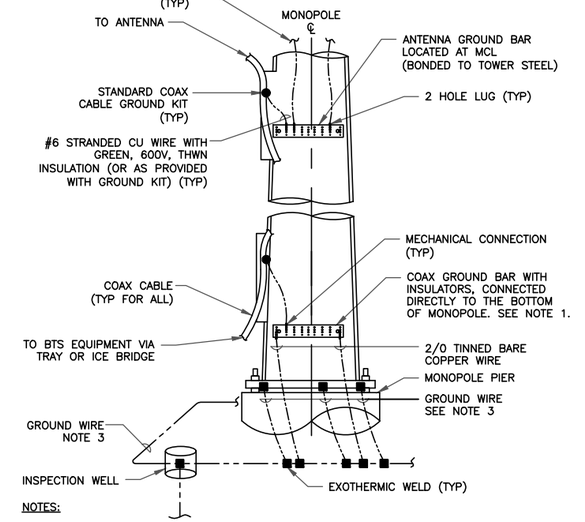
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



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)

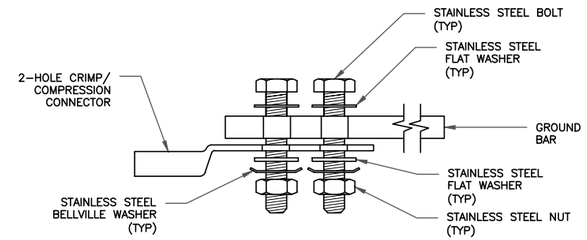
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



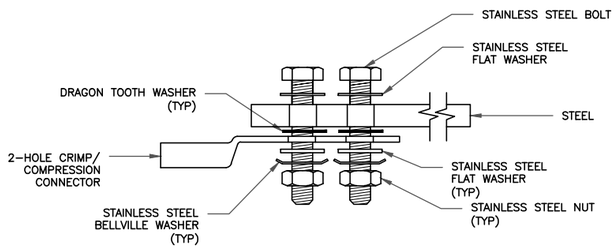
NOTES:

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.

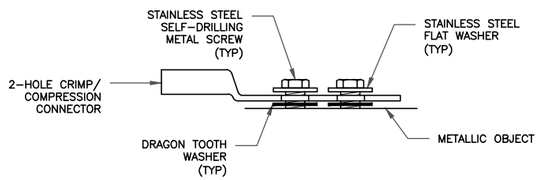
4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



SINGLE CONNECTOR AT GROUND BARS

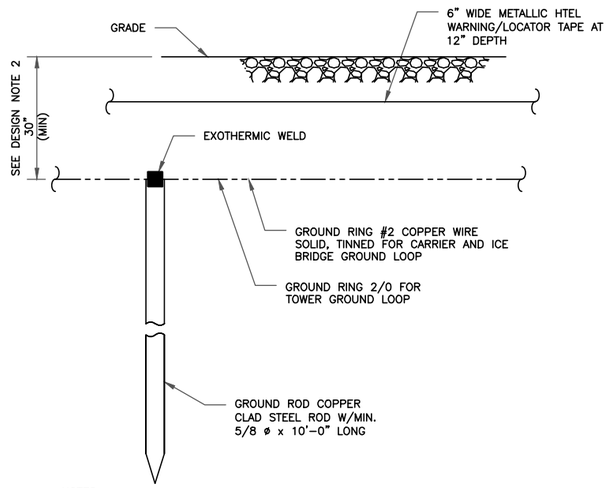


SINGLE CONNECTOR AT STEEL OBJECTS



SINGLE CONNECTOR AT METALLIC/STEEL OBJECTS

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
1200 MACARTHUR BLVD, SUITE 200
MAHWAH, NJ 07430

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.
Tectonic Engineering & Surveying Consultants P.C.
70 Pleasant Hill Road — Phone: (845) 534-9009
P.O. Box 37 — (800) 839-8331
Mountainville, NY 10953 — www.tectonicengineering.com
Hudson Valley Office
1279 Route 300 — Phone: (845) 567-9656
Newburgh, NY 12550

VERIZON SITE NUMBER:
323512

BU #: **806375**
HRT 095 943237

190 BURNHAM ST
SOUTH WINDSOR, CT 06074

EXISTING 110'-0" MONOPOLE

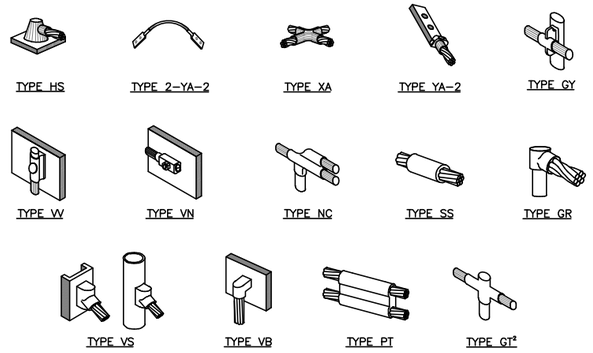
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	08/30/21	VM	PRELIMINARY	----
0	09/10/21	VM	FOR CONSTRUCTION	----

STATE OF CONNECTICUT
ANTONIO A. GUALTIERI
PEN.0025406
LICENSED PROFESSIONAL ENGINEER

09/10/21

SHEET NUMBER: G-1
REVISION: A

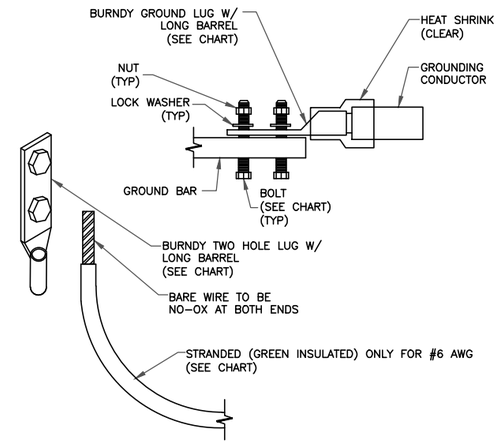


NOTE:

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

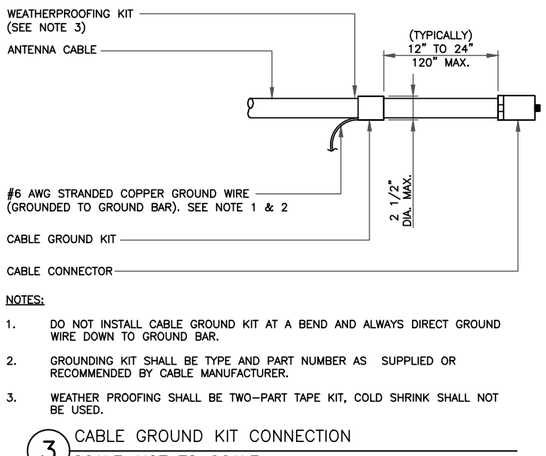
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



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.

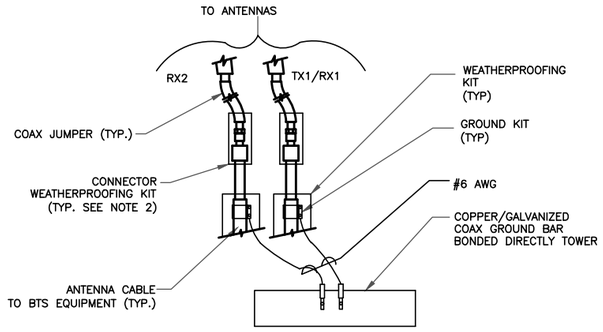
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



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.

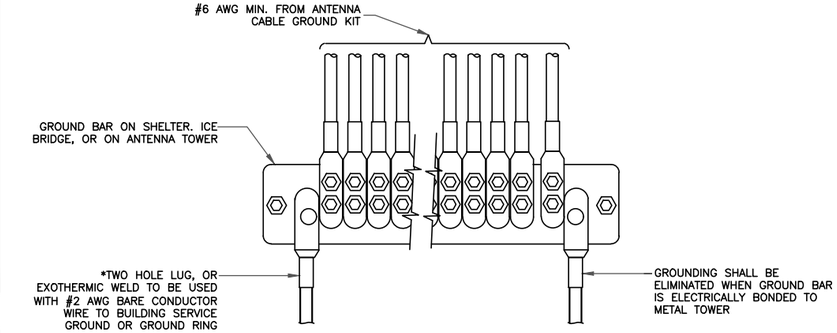
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



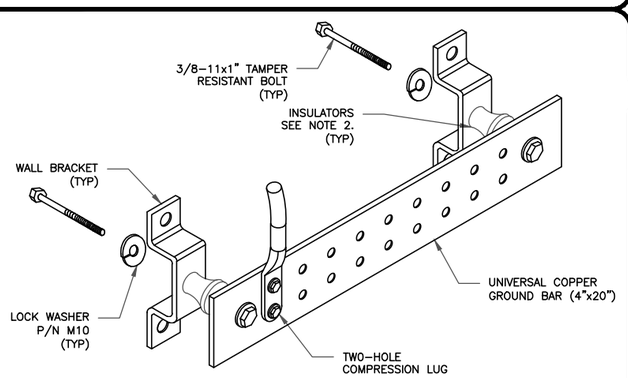
NOTES:

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



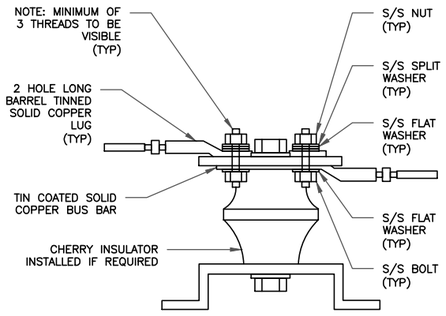
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



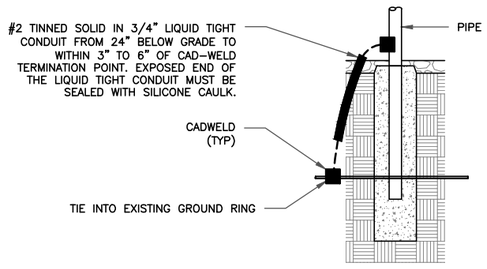
NOTES:

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
1200 MACARTHUR BLVD, SUITE 200
MAHWAH, NJ 07430

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70 Pleasant Hill Road Phone: (845) 534-5959
P.O. Box 37 (800) 520-8321
Mountainville, NY 10953 www.tectonicengineering.com
Project Contact Info
1279 Route 300
Newburgh, NY 12550 Phone: (845) 567-3656

VERIZON SITE NUMBER:
323512

BU #: **806375**
HRT 095 943237

190 BURNHAM ST
SOUTH WINDSOR, CT 06074

EXISTING 110'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	08/30/21	VM	PRELIMINARY	----
0	09/10/21	VM	FOR CONSTRUCTION	----

STATE OF CONNECTICUT
ANTONIO A. GUALTIERI
PEN.0025406
LICENSED PROFESSIONAL ENGINEER

09/10/21

SHEET NUMBER: G-2
REVISION: A

Exhibit D

Structural Analysis Report

Date: **April 24, 2021**

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

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	468317
	Site Name:	Burnham ST CT
Crown Castle Designation:	**BU Number:**	806375
	Site Name:	HRT 095 943237
	JDE Job Number:	644607
	Work Order Number:	1953657
	Order Number:	552626 Rev. 0
Engineering Firm Designation:	**B+T Group Project Number:**	150051.001.01
Site Data:	**190 BURNHAM ST, SOUTH WINDSOR, Hartford County, CT** **Latitude *41° 48' 0.49"*, Longitude *-72° 36' 57.15"*** **110 Foot - Monopole Tower**	

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

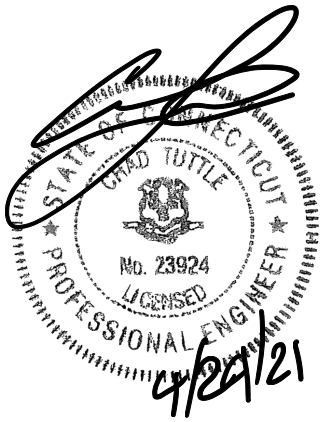
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC5: Proposed Equipment Configuration **Sufficient Capacity**

This analysis utilizes an ultimate 3-second gust wind speed of 125 mph as required by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Angela Ashwood

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



Chad E. Tuttle, P.E.

tnxTower Report - version 8.0.9.0

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 110 ft. Monopole tower designed by Valmont IN January of 1991.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	125 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	2 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)
104.0	109.0	2	Antel	LPA-80063/4CF	7 1	1-5/8 1-1/2
		4	Antel	LPA-80080/4CF		
	108.0	3	Commscope	NHH-65B-R2B		
		3	Commscope	NHHSS-65B-R2B		
		1	Raycap	RVZDC-6627-PF-48		
		3	Samsung Telecom.	MT6407-77A		
		3	Samsung Telecom.	RFV01U-D1A		
		3	Samsung Telecom.	RFV01U-D2A		
	104.0	1	--	Platform Mount [LP 715-1]		

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)
97.0	97.0	9	Decibel	DB844H90E-XY	12	7/8
		2	GPS	GPS		
		1	--	Platform Mount [LP 715-1]		
85.0	89.0	3	Argus Tech.	LLPX310R	1 3 3	1/2 5/16 1/4
		1	Dragonwave	HORIZON COMPACT		
		3	Samsung Telecom.	WIMAX DAP HEAD		
		1	Dragonwave	A-ANT – 18G -2- C		
	85.0	1	--	Side Arm Mount [SO 101-3]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturer Drawing	262106	CCI Sites
Foundation Drawing	262107	CCI Sites
Geotech Report	262109	CCI Sites
Crown CAD Package	Date: 04/14/2021	CCI Sites

3.1) Analysis Method

tnxTower (version 8.0.9.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 standard.

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	110 - 70	Pole	TP25.53x15.53x0.25	1	-9.481	1143.410	54.9	Pass
L2	70 - 34.083	Pole	TP34.02x24.03x0.313	2	-15.126	1911.770	64.1	Pass
L3	34.083 - 0	Pole	TP41.9x32.164x0.344	3	-23.888	2690.860	69.7	Pass
							Summary	
						Pole (L3)	69.7	Pass
						RATING =	**69.7**	**Pass**

Table 5 - Tower Component Stresses vs. Capacity

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	Base	52.4	Pass
1	Base Plate	Base	35.0	Pass
1	Base Foundation	Base	64.2	Pass

Structure Rating (max from all components) =	**69.7%**

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

4.1) Recommendations

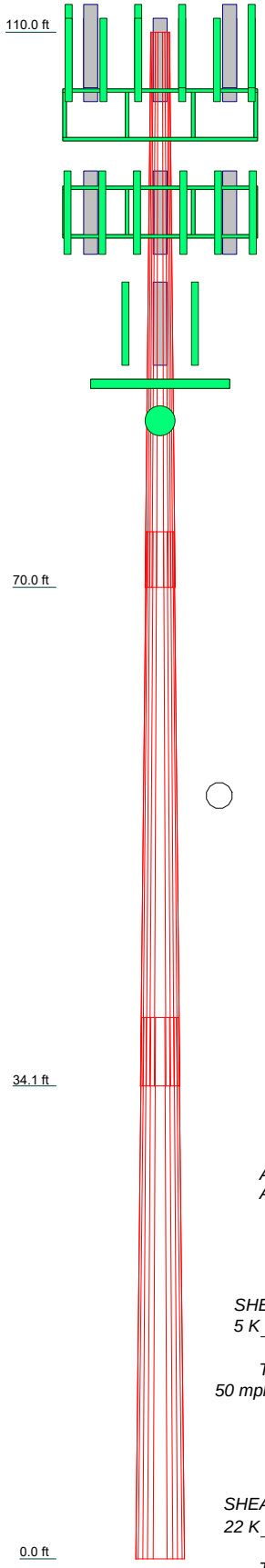
The tower and its foundations have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A

TNXTOWER OUTPUT

Section	1	2	3
Length (ft)	40.000	39.917	39.000
Number of Sides	12	12	12
Thickness (in)	0.250	0.313	0.344
Socket Length (ft)	4.000	4.917	
Top Dia (in)	15.530	24.030	32.164
Bot Dia (in)	25.530	34.020	41.900
Grade	A572-65		
Weight (K)	2.2	3.9	5.4

11.5



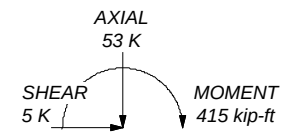
MATERIAL STRENGTH

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

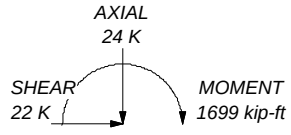
TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 125 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 2.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. TIA-222-H Annex S
9. TOWER RATING: 69.7%

ALL REACTIONS ARE FACTORED



TORQUE 0 kip-ft
50 mph WIND - 2.000 in ICE



TORQUE 1 kip-ft
REACTIONS - 125 mph WIND

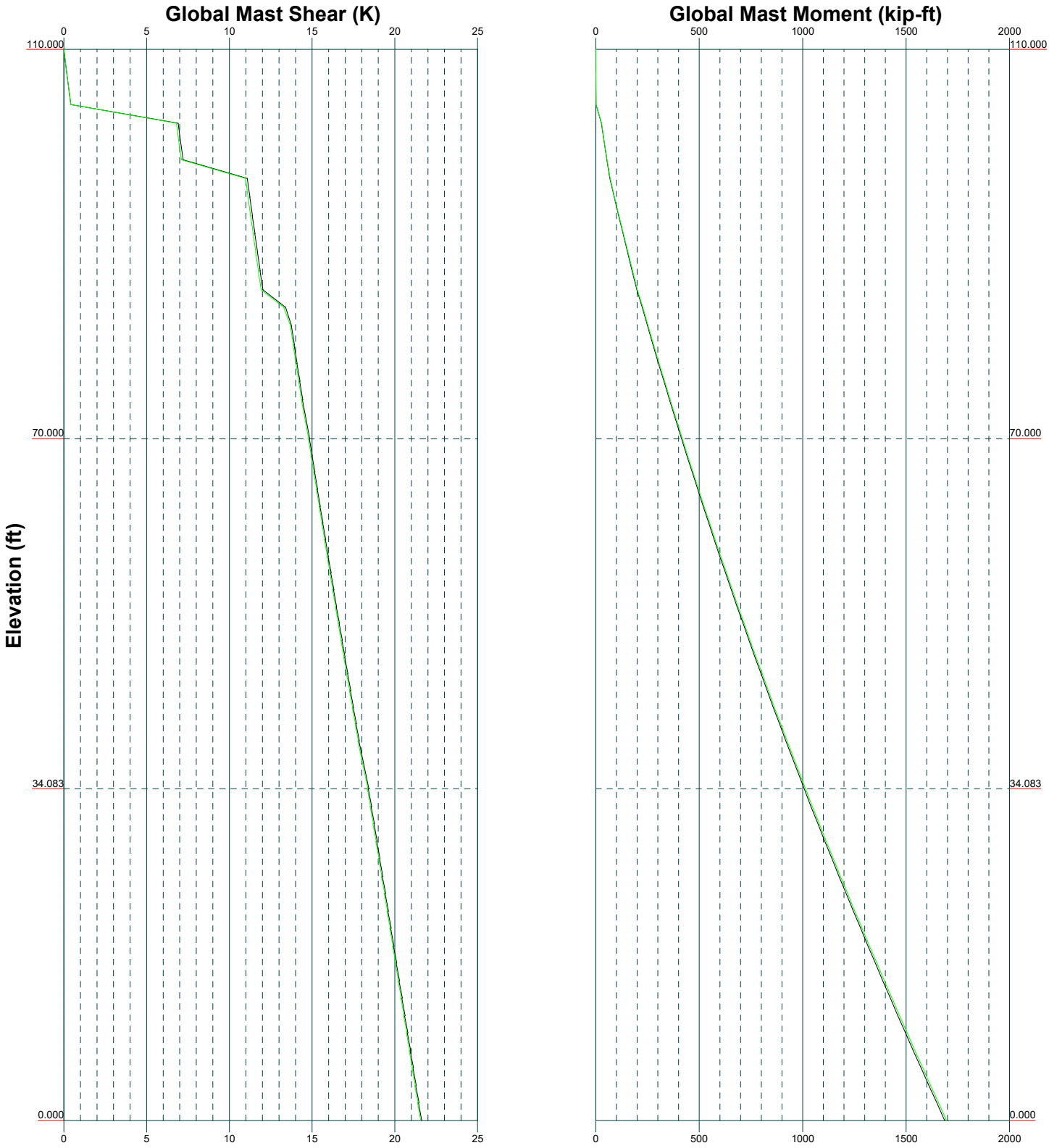
B+T Group
1717 S. Boulder Ave. Suite 300
Tulsa, Ok 74119
Phone: (918) 587-4630
FAX:

Job:	***150051.001.01 - HRT 093 943228, CT (BU# 806372***		
Project:			
Client: Crown Castle	Drawn by: aashwood	App'd:	
Code: TIA-222-H	Date: 04/24/21	Scale: NTS	
Path: S:\Projects\Crown Castle\150000\150051_806375_HRT 095 943237\Engineering\tnxTower\001\150051_001_01_HRT 093 943228_CT.eri		Dwg No. E-1	

TIA-222-H - 125 mph/50 mph 2.000 in Ice Exposure C

Maximum Values

Vx Vz Mx Mz

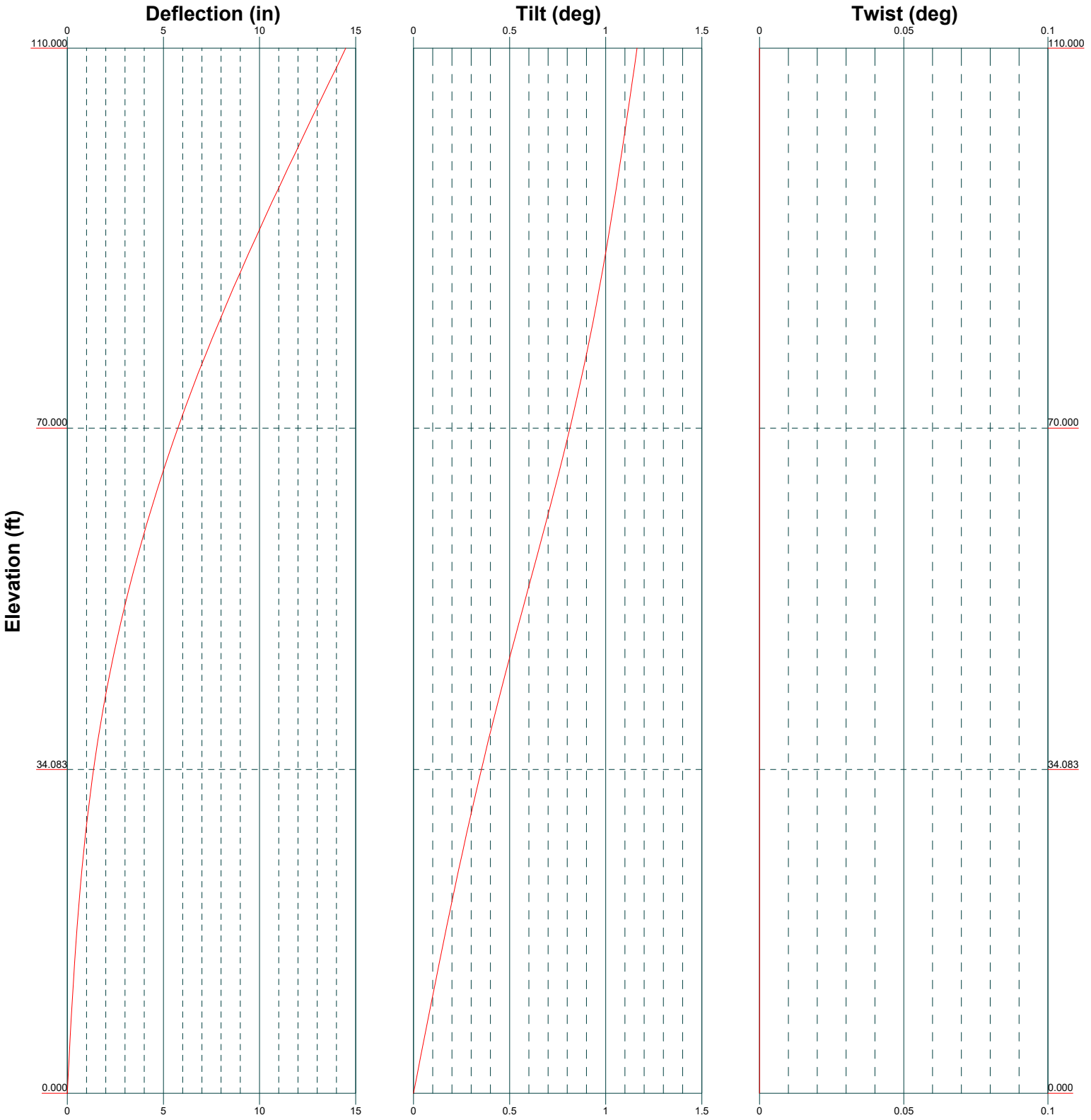


B+T Group
1717 S. Boulder Ave. Suite 300
Tulsa, Ok 74119
Phone: (918) 587-4630
FAX:

Job: 150051.001.01 - HRT 093 943228, CT (BU# 806372		
Project:		
Client: Crown Castle	Drawn by: aashwood	App'd:
Code: TIA-222-H	Date: 04/24/21	Scale: NTS
Path: S:\Projects\Crown Castle\150000\150051_806375_HRT 095 943237\Engineering\tnxTower\001\150051_001_01_HRT 093 943228_CT.eri		Dwg No. E-4

TIA-222-H - Service - 60 mph

Maximum Values



B+T Group
1717 S. Boulder Ave. Suite 300
Tulsa, Ok 74119
Phone: (918) 587-4630
FAX:

Job: 150051.001.01 - HRT 093 943228, CT (BU# 806372		
Project:		
Client: Crown Castle	Drawn by: aashwood	App'd:
Code: TIA-222-H	Date: 04/24/21	Scale: NTS
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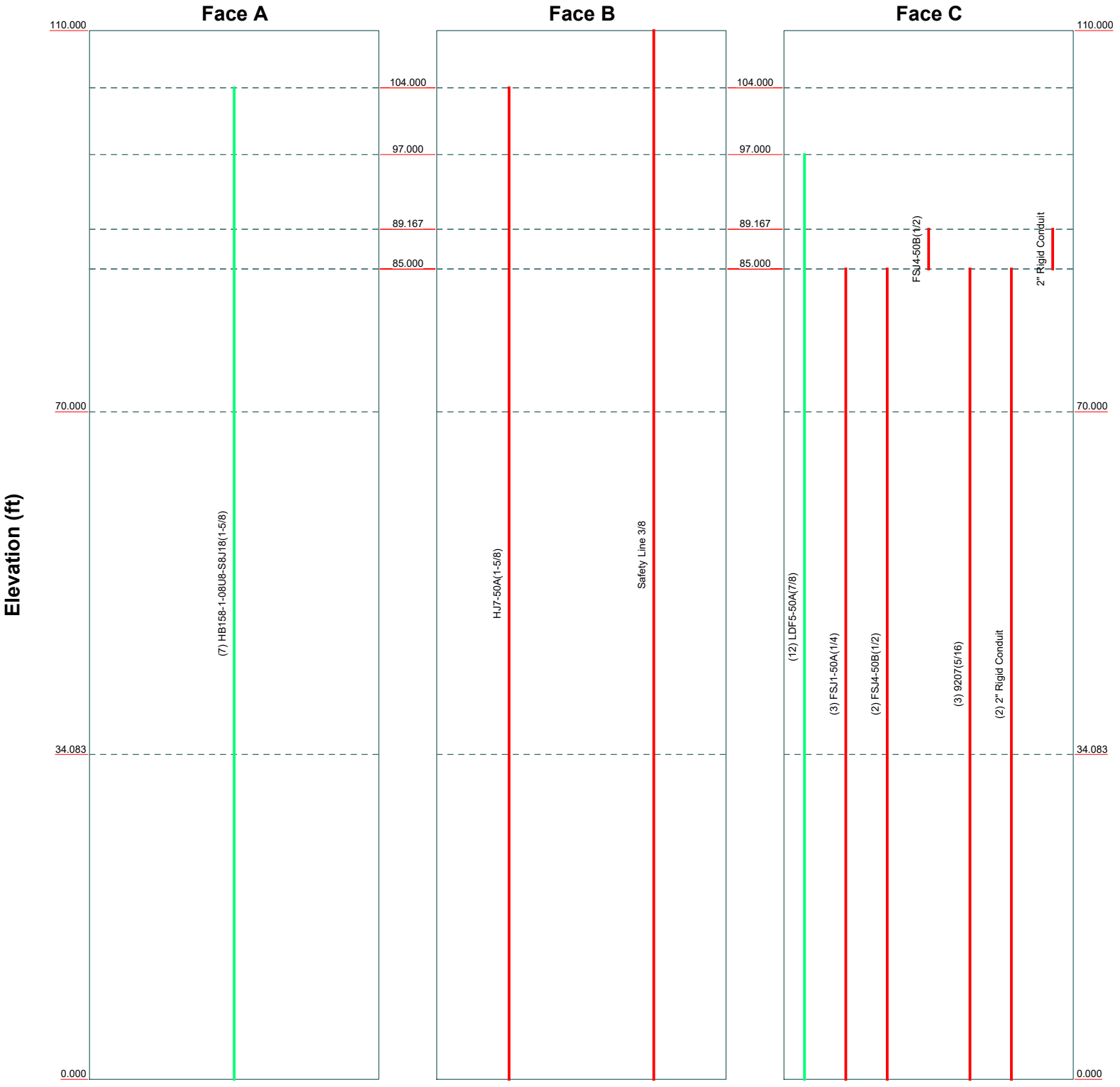
Feed Line Distribution Chart
0' - 110'

Round | Flat | App In Face | App Out Face



B+T Group
1717 S. Boulder Ave. Suite 300
Tulsa, Ok 74119
Phone: (918) 587-4630
FAX:

Job: 150051.001.01 - HRT 093 943228, CT (BU# 806372		
Project:		
Client: Crown Castle	Drawn by: aashwood	App'd:
Code: TIA-222-H	Date: 04/24/21	Scale: NTS
Path: S:\Projects\Crown Castle\150000\150051_806375_HRT 095 943237\Engineering\tnxTower\001\150051_001_01_HRT 093 943228_CT.eri		Dwg No. E-7

Tower Input Data

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

Tower is located in Hartford County, Connecticut.
Tower base elevation above sea level: 58.000 ft.
Basic wind speed of 125 mph.
Risk Category II.
Exposure Category C.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.000 ft.
Nominal ice thickness of 2.000 in.
Ice thickness is considered to increase with height.
Ice density of 56.000 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50.000 °F.
Deflections calculated using a wind speed of 60 mph.
TIA-222-H Annex S.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
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	110.000-70.000	40.000	4.000	12	15.530	25.530	0.250	1.000	A572-65 (65 ksi)
L2	70.000-34.083	39.917	4.917	12	24.030	34.020	0.313	1.250	A572-65 (65 ksi)
L3	34.083-0.000	39.000		12	32.164	41.900	0.344	1.375	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	15.990	12.300	366.566	5.470	8.045	45.567	742.762	6.054	3.492	13.968
	26.342	20.350	1660.019	9.050	13.225	125.526	3363.648	10.016	6.172	24.688
L2	25.804	23.866	1713.557	8.491	12.448	137.662	3472.131	11.746	5.603	17.928
	35.110	33.918	4918.939	12.067	17.622	279.131	9967.105	16.693	8.280	26.496
L3	34.449	35.222	4552.110	11.392	16.661	273.217	9223.809	17.335	7.699	22.397
	43.257	45.998	10138.964	14.877	21.704	467.143	20544.290	22.639	10.308	29.987

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 110.000-70.000				1	1	1			
L2 70.000-34.083				1	1	1			
L3 34.083-0.000				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 klf
HJ7-50A(1-5/8) *	B	No	Surface Ar (CaAa)	104.000 - 0.000	1	1	-0.450 -0.400	1.980		0.001
FSJ1-50A(1/4)	C	No	Surface Ar (CaAa)	85.000 - 0.000	3	3	0.375 0.425	0.000		0.000
FSJ4-50B(1/2)	C	No	Surface Ar (CaAa)	85.000 - 0.000	2	2	0.350 0.375	0.530		0.000
FSJ4-50B(1/2)	C	No	Surface Ar (CaAa)	89.167 - 85.000	1	1	0.350 0.375	0.530		0.000
9207(5/16) *	C	No	Surface Ar (CaAa)	85.000 - 0.000	3	3	0.375 0.425	0.000		0.001

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 klf
2" Rigid Conduit	C	No	Surface Ar (CaAa)	85.000 - 0.000	2	2	0.375 0.475	2.000		0.003
2" Rigid Conduit	C	No	Surface Ar (CaAa)	89.167 - 85.000	1	1	0.375 0.475	2.000		0.003
*										
Safety Line 3/8	B	No	Surface Ar (CaAa)	110.000 - 0.000	1	1	0.440 0.450	0.375		0.000
*										

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight klf
HB158-1-08U8-S8J 18(1-5/8)	A	No	No	Inside Pole	104.000 - 0.000	7	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.001 0.001 0.001 0.001
*									
LDF5-50A(7/8)	C	No	No	Inside Pole	97.000 - 0.000	12	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000
*									

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	110.000-70.000	A	0.000	0.000	0.000	0.000	0.309
		B	0.000	0.000	8.232	0.000	0.044
		C	0.000	0.000	8.644	0.000	0.236
L2	70.000-34.083	A	0.000	0.000	0.000	0.000	0.327
		B	0.000	0.000	8.458	0.000	0.045
		C	0.000	0.000	18.174	0.000	0.423
L3	34.083-0.000	A	0.000	0.000	0.000	0.000	0.310
		B	0.000	0.000	8.027	0.000	0.043
		C	0.000	0.000	17.246	0.000	0.401

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	110.000-70.000	A	1.876	0.000	0.000	0.000	0.000	0.309
		B		0.000	0.000	36.004	0.000	0.551

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
		C		0.000	0.000	41.816	0.000	0.702
L2	70.000-34.083	A	1.777	0.000	0.000	0.000	0.000	0.327
		B		0.000	0.000	35.417	0.000	0.548
		C		0.000	0.000	90.115	0.000	1.395
L3	34.083-0.000	A	1.590	0.000	0.000	0.000	0.000	0.310
		B		0.000	0.000	32.256	0.000	0.480
		C		0.000	0.000	82.130	0.000	1.246

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	110.000-70.000	-0.663	-0.010	-0.879	0.875
L2	70.000-34.083	-1.584	0.719	-2.345	2.087
L3	34.083-0.000	-1.647	0.751	-2.692	2.393

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	HJ7-50A(1-5/8)	70.00 - 104.00	1.0000	1.0000
L1	8	FSJ1-50A(1/4)	70.00 - 85.00	1.0000	1.0000
L1	9	FSJ4-50B(1/2)	70.00 - 85.00	1.0000	1.0000
L1	10	FSJ4-50B(1/2)	85.00 - 89.17	1.0000	1.0000
L1	11	9207(5/16)	70.00 - 85.00	1.0000	1.0000
L1	13	2" Rigid Conduit	70.00 - 85.00	1.0000	1.0000
L1	14	2" Rigid Conduit	85.00 - 89.17	1.0000	1.0000
L1	16	Safety Line 3/8	70.00 - 110.00	1.0000	1.0000
L2	2	HJ7-50A(1-5/8)	34.08 - 70.00	1.0000	1.0000
L2	8	FSJ1-50A(1/4)	34.08 - 70.00	1.0000	1.0000
L2	9	FSJ4-50B(1/2)	34.08 - 70.00	1.0000	1.0000
L2	11	9207(5/16)	34.08 - 70.00	1.0000	1.0000
L2	13	2" Rigid Conduit	34.08 - 70.00	1.0000	1.0000
L2	16	Safety Line 3/8	34.08 - 70.00	1.0000	1.0000
L3	2	HJ7-50A(1-5/8)	0.00 - 34.08	1.0000	1.0000
L3	8	FSJ1-50A(1/4)	0.00 - 34.08	1.0000	1.0000
L3	9	FSJ4-50B(1/2)	0.00 - 34.08	1.0000	1.0000
L3	11	9207(5/16)	0.00 - 34.08	1.0000	1.0000
L3	13	2" Rigid Conduit	0.00 - 34.08	1.0000	1.0000
L3	16	Safety Line 3/8	0.00 - 34.08	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
(2) LPA-80080/4CF w/ Mount Pipe	A	From Leg	4.000 0.000 5.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.856 3.220 3.592 4.337	6.569 7.195 7.837 9.170	0.030 0.076 0.128 0.253
(2) LPA-80080/4CF w/ Mount Pipe	B	From Leg	4.000 0.000 5.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.856 3.220 3.592 4.337	6.569 7.195 7.837 9.170	0.030 0.076 0.128 0.253
(2) LPA-80063/4CF w/ Mount Pipe	C	From Leg	4.000 0.000 5.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	6.385 6.784 7.192 8.035	6.603 7.232 7.876 9.214	0.038 0.104 0.176 0.344
NHH-65B-R2B w/ Mount Pipe	A	From Leg	4.000 0.000 4.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.700	3.290 3.670 4.060 4.860	0.069 0.132 0.205 0.385
NHH-65B-R2B w/ Mount Pipe	B	From Leg	4.000 0.000 4.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.700	3.290 3.670 4.060 4.860	0.069 0.132 0.205 0.385
NHH-65B-R2B w/ Mount Pipe	C	From Leg	4.000 0.000 4.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.700	3.290 3.670 4.060 4.860	0.069 0.132 0.205 0.385
MT6407-77A w/ Mount Pipe	A	From Leg	4.000 0.000 4.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.907 5.256 5.615 6.362	2.682 3.145 3.624 4.631	0.096 0.136 0.180 0.288
MT6407-77A w/ Mount Pipe	B	From Leg	4.000 0.000 4.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.907 5.256 5.615 6.362	2.682 3.145 3.624 4.631	0.096 0.136 0.180 0.288
MT6407-77A w/ Mount Pipe	C	From Leg	4.000 0.000 4.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.907 5.256 5.615 6.362	2.682 3.145 3.624 4.631	0.096 0.136 0.180 0.288
NHHSS-65B-R2B w/ Mount Pipe	A	From Leg	4.000 0.000 4.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.890 4.270 4.650 5.430	3.140 3.500 3.870 4.630	0.091 0.154 0.227 0.407
NHHSS-65B-R2B w/ Mount Pipe	B	From Leg	4.000 0.000 4.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.890 4.270 4.650 5.430	3.140 3.500 3.870 4.630	0.091 0.154 0.227 0.407
NHHSS-65B-R2B w/ Mount Pipe	C	From Leg	4.000 0.000 4.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.890 4.270 4.650 5.430	3.140 3.500 3.870 4.630	0.091 0.154 0.227 0.407
RVZDC-6627-PF-48	A	From Leg	4.000 0.000 4.000	0.000	104.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.792 4.044 4.303 4.844	2.514 2.727 2.947 3.417	0.032 0.063 0.099 0.181
RFV01U-D1A	A	From Leg	4.000 0.000	0.000	104.000	No Ice 1/2" Ice	1.875 2.045	1.250 1.393	0.084 0.103

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
			4.000			1" Ice	2.223	1.543	0.124
						2" Ice	2.601	1.865	0.175
RFV01U-D1A	B	From Leg	4.000	0.000	104.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			4.000			1" Ice	2.223	1.543	0.124
						2" Ice	2.601	1.865	0.175
RFV01U-D1A	C	From Leg	4.000	0.000	104.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			4.000			1" Ice	2.223	1.543	0.124
						2" Ice	2.601	1.865	0.175
RFV01U-D2A	A	From Leg	4.000	0.000	104.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			4.000			1" Ice	2.223	1.284	0.106
						2" Ice	2.601	1.585	0.153
RFV01U-D2A	B	From Leg	4.000	0.000	104.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			4.000			1" Ice	2.223	1.284	0.106
						2" Ice	2.601	1.585	0.153
RFV01U-D2A	C	From Leg	4.000	0.000	104.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			4.000			1" Ice	2.223	1.284	0.106
						2" Ice	2.601	1.585	0.153
4' x 2" Pipe Mount	A	From Leg	4.000	0.000	104.000	No Ice	0.785	0.785	0.029
			0.000			1/2" Ice	1.028	1.028	0.035
			0.000			1" Ice	1.281	1.281	0.044
						2" Ice	1.814	1.814	0.072
4' x 2" Pipe Mount	B	From Leg	4.000	0.000	104.000	No Ice	0.785	0.785	0.029
			0.000			1/2" Ice	1.028	1.028	0.035
			0.000			1" Ice	1.281	1.281	0.044
						2" Ice	1.814	1.814	0.072
4' x 2" Pipe Mount	C	From Leg	4.000	0.000	104.000	No Ice	0.785	0.785	0.029
			0.000			1/2" Ice	1.028	1.028	0.035
			0.000			1" Ice	1.281	1.281	0.044
						2" Ice	1.814	1.814	0.072
Platform Mount [LP 715-1]	C	None		0.000	104.000	No Ice	46.770	46.770	1.775
						1/2" Ice	50.250	50.250	2.884
						1" Ice	53.970	53.970	4.093
						2" Ice	62.220	62.220	6.811
*									
(3) DB844H90E-XY w/ Mount Pipe	A	From Leg	4.000	0.000	97.000	No Ice	2.240	3.340	0.043
			0.000			1/2" Ice	2.610	3.730	0.079
			0.000			1" Ice	2.990	4.130	0.122
						2" Ice	3.780	4.970	0.232
(3) DB844H90E-XY w/ Mount Pipe	B	From Leg	4.000	0.000	97.000	No Ice	2.240	3.340	0.043
			0.000			1/2" Ice	2.610	3.730	0.079
			0.000			1" Ice	2.990	4.130	0.122
						2" Ice	3.780	4.970	0.232
(3) DB844H90E-XY w/ Mount Pipe	C	From Leg	4.000	0.000	97.000	No Ice	2.240	3.340	0.043
			0.000			1/2" Ice	2.610	3.730	0.079
			0.000			1" Ice	2.990	4.130	0.122
						2" Ice	3.780	4.970	0.232
GPS	B	From Leg	4.000	0.000	97.000	No Ice	0.000	0.000	0.000
			0.000			1/2" Ice	0.000	0.000	0.000
			0.000			1" Ice	0.000	0.000	0.000
						2" Ice	0.000	0.000	0.000
GPS	C	From Leg	4.000	0.000	97.000	No Ice	0.000	0.000	0.000
			0.000			1/2" Ice	0.000	0.000	0.000

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000			1" Ice	0.000	0.000	0.000
						2" Ice	0.000	0.000	0.000
6' x 2" Mount Pipe	A	From Leg	4.000	0.000	97.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	B	From Leg	4.000	0.000	97.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	C	From Leg	4.000	0.000	97.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
Platform Mount [LP 715-1]	C	None		0.000	97.000	No Ice	46.770	46.770	1.775
						1/2" Ice	50.250	50.250	2.884
						1" Ice	53.970	53.970	4.093
						2" Ice	62.220	62.220	6.811
*									
LLPX310R	A	From Leg	2.000	0.000	85.000	No Ice	3.870	1.490	0.041
			0.000			1/2" Ice	4.300	1.860	0.067
			4.000			1" Ice	4.740	2.240	0.097
						2" Ice	5.680	3.060	0.169
LLPX310R	B	From Leg	2.000	0.000	85.000	No Ice	3.870	1.490	0.041
			0.000			1/2" Ice	4.300	1.860	0.067
			4.000			1" Ice	4.740	2.240	0.097
						2" Ice	5.680	3.060	0.169
LLPX310R	C	From Leg	2.000	0.000	85.000	No Ice	3.870	1.490	0.041
			0.000			1/2" Ice	4.300	1.860	0.067
			4.000			1" Ice	4.740	2.240	0.097
						2" Ice	5.680	3.060	0.169
WIMAX DAP HEAD	A	From Leg	2.000	0.000	85.000	No Ice	1.547	0.684	0.033
			0.000			1/2" Ice	1.704	0.800	0.045
			4.000			1" Ice	1.868	0.923	0.058
						2" Ice	2.219	1.193	0.094
WIMAX DAP HEAD	B	From Leg	2.000	0.000	85.000	No Ice	1.547	0.684	0.033
			0.000			1/2" Ice	1.704	0.800	0.045
			4.000			1" Ice	1.868	0.923	0.058
						2" Ice	2.219	1.193	0.094
WIMAX DAP HEAD	C	From Leg	2.000	0.000	85.000	No Ice	1.547	0.684	0.033
			0.000			1/2" Ice	1.704	0.800	0.045
			4.000			1" Ice	1.868	0.923	0.058
						2" Ice	2.219	1.193	0.094
HORIZON COMPACT	B	From Leg	2.000	0.000	85.000	No Ice	0.721	0.368	0.012
			0.000			1/2" Ice	0.828	0.450	0.018
			4.000			1" Ice	0.942	0.539	0.026
						2" Ice	1.193	0.740	0.048
(2) 6' x 3" Mount Pipe	A	From Leg	2.000	0.000	85.000	No Ice	1.767	1.767	0.030
			0.000			1/2" Ice	2.129	2.129	0.044
			1.000			1" Ice	2.501	2.501	0.061
						2" Ice	3.272	3.272	0.109
(2) 6' x 3" Mount Pipe	B	From Leg	2.000	0.000	85.000	No Ice	1.767	1.767	0.030
			0.000			1/2" Ice	2.129	2.129	0.044
			1.000			1" Ice	2.501	2.501	0.061
						2" Ice	3.272	3.272	0.109
(2) 6' x 3" Mount Pipe	C	From Leg	2.000	0.000	85.000	No Ice	1.767	1.767	0.030
			0.000			1/2" Ice	2.129	2.129	0.044

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
Side Arm Mount [SO 101-3] *	C	None	1.000	0.000	85.000	1" Ice	2.501	2.501	0.061
						2" Ice	3.272	3.272	0.109
						No Ice	5.810	5.810	0.252
						1/2" Ice	6.950	6.950	0.341
						1" Ice	8.280	8.280	0.457
						2" Ice	11.540	11.540	0.780

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft		Aperture Area ft^2	Weight K
A-ANT-18G-2-C	C	Paraboloid w/o Radome	From Face	2.000 0.000 -4.000	-30.000		86.000	2.175	No Ice	3.715	0.027
									1/2" Ice	4.006	0.048
									1" Ice	4.296	0.068
									2" Ice	4.876	0.109

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

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

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	110 - 70	Pole	Max Tension	20	0.000	-0.000	-0.000
			Max. Compression	26	-30.658	0.192	-0.377
			Max. Mx	20	-9.480	360.044	-3.064
			Max. My	2	-9.491	-3.749	356.513
			Max. Vy	20	-14.437	360.044	-3.064
			Max. Vx	2	-14.377	-3.749	356.513
			Max. Torque	4			0.589
L2	70 - 34.083	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-39.937	-0.403	-1.597
			Max. Mx	20	-15.128	924.412	0.097
			Max. My	2	-15.133	-3.504	918.493
			Max. Vy	20	-17.857	924.412	0.097
			Max. Vx	2	-17.798	-3.504	918.493
			Max. Torque	4			0.588
L3	34.083 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-52.981	-1.177	-3.261
			Max. Mx	20	-23.888	1695.646	3.496
			Max. My	2	-23.888	-3.201	1687.031
			Max. Vy	20	-21.627	1695.646	3.496
			Max. Vx	2	-21.571	-3.201	1687.031
			Max. Torque	4			0.586

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	34	52.981	2.463	-4.240
	Max. H_x	20	23.904	21.609	0.100
	Max. H_z	2	23.904	0.011	21.553
	Max. M_x	2	1687.031	0.011	21.553
	Max. M_z	8	1689.754	-21.536	0.103
	Max. Torsion	4	0.585	-10.718	18.803
	Min. Vert	13	17.928	-10.691	-18.556
	Min. H_x	8	23.904	-21.536	0.103
	Min. H_z	14	23.904	0.124	-21.470
	Min. M_x	14	-1682.058	0.124	-21.470
	Min. M_z	20	-1695.646	21.609	0.100
	Min. Torsion	18	-0.228	18.673	-10.806

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	19.920	0.000	0.000	0.829	-0.113	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	23.904	-0.011	-21.553	-1687.031	-3.201	-0.407
0.9 Dead+1.0 Wind 0 deg - No Ice	17.928	-0.011	-21.553	-1673.027	-3.106	-0.407
1.2 Dead+1.0 Wind 30 deg - No Ice	23.904	10.718	-18.803	-1474.418	-844.117	-0.585
0.9 Dead+1.0 Wind 30 deg - No Ice	17.928	10.718	-18.803	-1462.203	-836.905	-0.585
1.2 Dead+1.0 Wind 60 deg - No Ice	23.904	18.675	-10.802	-848.546	-1467.394	-0.224
0.9 Dead+1.0 Wind 60 deg - No Ice	17.928	18.675	-10.802	-841.601	-1454.922	-0.223
1.2 Dead+1.0 Wind 90 deg - No Ice	23.904	21.536	-0.103	-11.651	-1689.754	-0.138
0.9 Dead+1.0 Wind 90 deg - No Ice	17.928	21.536	-0.103	-11.779	-1675.417	-0.137
1.2 Dead+1.0 Wind 120 deg - No Ice	23.904	18.617	10.627	829.019	-1458.611	-0.041
0.9 Dead+1.0 Wind 120 deg - No Ice	17.928	18.617	10.627	821.779	-1446.241	-0.040
1.2 Dead+1.0 Wind 150 deg - No Ice	23.904	10.691	18.556	1451.746	-835.060	0.000
0.9 Dead+1.0 Wind 150 deg - No Ice	17.928	10.691	18.556	1439.233	-827.978	0.000
1.2 Dead+1.0 Wind 180 deg - No Ice	23.904	-0.124	21.470	1682.058	14.330	-0.033
0.9 Dead+1.0 Wind 180 deg - No Ice	17.928	-0.124	21.470	1667.588	14.219	-0.033
1.2 Dead+1.0 Wind 210 deg - No Ice	23.904	-10.857	18.638	1462.523	855.639	0.100
0.9 Dead+1.0 Wind 210 deg - No Ice	17.928	-10.857	18.638	1449.893	848.407	0.099
1.2 Dead+1.0 Wind 240 deg - No Ice	23.904	-18.673	10.806	850.899	1466.936	0.228
0.9 Dead+1.0 Wind 240 deg - No Ice	17.928	-18.673	10.806	843.430	1454.537	0.228
1.2 Dead+1.0 Wind 270 deg -	23.904	-21.609	-0.100	-3.496	1695.646	0.002

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
No Ice 0.9 Dead+1.0 Wind 270 deg - No Ice	17.928	-21.609	-0.100	-3.757	1681.331	0.001
1.2 Dead+1.0 Wind 300 deg - No Ice	23.904	-18.622	-10.786	-840.362	1458.705	0.075
0.9 Dead+1.0 Wind 300 deg - No Ice	17.928	-18.622	-10.786	-833.540	1446.402	0.075
1.2 Dead+1.0 Wind 330 deg - No Ice	23.904	-10.735	-18.633	-1456.175	838.520	-0.128
0.9 Dead+1.0 Wind 330 deg - No Ice	17.928	-10.735	-18.633	-1444.134	831.479	-0.128
1.2 Dead+1.0 Ice+1.0 Temp	52.981	-0.000	0.000	3.261	-1.177	-0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	52.981	-0.008	-4.906	-409.004	-1.282	-0.084
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	52.981	2.434	-4.274	-356.426	-206.619	-0.124
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	52.981	4.244	-2.453	-203.501	-358.782	-0.049
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	52.981	4.898	-0.016	1.218	-413.429	-0.032
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	52.981	4.237	2.427	206.595	-357.451	-0.012
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	52.981	2.438	4.229	358.379	-205.675	-0.003
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	52.981	-0.020	4.889	414.242	1.348	-0.009
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	52.981	-2.463	4.240	360.147	206.770	0.021
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	52.981	-4.243	2.454	210.347	356.309	0.051
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	52.981	-4.913	-0.026	1.793	412.351	0.005
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	52.981	-4.238	-2.460	-202.751	355.101	0.021
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	52.981	-2.447	-4.245	-353.021	204.062	-0.024
Dead+Wind 0 deg - Service	19.920	-0.002	-4.677	-363.820	-0.773	-0.090
Dead+Wind 30 deg - Service	19.920	2.326	-4.080	-317.896	-182.439	-0.129
Dead+Wind 60 deg - Service	19.920	4.052	-2.344	-182.685	-317.088	-0.049
Dead+Wind 90 deg - Service	19.920	4.673	-0.022	-1.887	-365.123	-0.029
Dead+Wind 120 deg - Service	19.920	4.040	2.306	179.718	-315.182	-0.008
Dead+Wind 150 deg - Service	19.920	2.320	4.027	314.240	-180.479	-0.000
Dead+Wind 180 deg - Service	19.920	-0.027	4.659	363.998	3.008	-0.008
Dead+Wind 210 deg - Service	19.920	-2.356	4.044	316.578	184.758	0.021
Dead+Wind 240 deg - Service	19.920	-4.052	2.345	184.448	316.819	0.050
Dead+Wind 270 deg - Service	19.920	-4.689	-0.022	-0.131	366.228	0.001
Dead+Wind 300 deg - Service	19.920	-4.041	-2.340	-180.916	315.034	0.017
Dead+Wind 330 deg - Service	19.920	-2.330	-4.043	-313.945	181.058	-0.028

Solution Summary

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
1	0.000	-19.920	0.000	0.000	19.920	0.000	0.000%
2	-0.011	-23.904	-21.553	0.011	23.904	21.553	0.000%
3	-0.011	-17.928	-21.553	0.011	17.928	21.553	0.000%
4	10.718	-23.904	-18.803	-10.718	23.904	18.803	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
5	10.718	-17.928	-18.803	-10.718	17.928	18.803	0.000%
6	18.675	-23.904	-10.802	-18.675	23.904	10.802	0.000%
7	18.675	-17.928	-10.802	-18.675	17.928	10.802	0.000%
8	21.536	-23.904	-0.103	-21.536	23.904	0.103	0.000%
9	21.536	-17.928	-0.103	-21.536	17.928	0.103	0.000%
10	18.617	-23.904	10.627	-18.617	23.904	-10.627	0.000%
11	18.617	-17.928	10.627	-18.617	17.928	-10.627	0.000%
12	10.691	-23.904	18.556	-10.691	23.904	-18.556	0.000%
13	10.691	-17.928	18.556	-10.691	17.928	-18.556	0.000%
14	-0.124	-23.904	21.470	0.124	23.904	-21.470	0.000%
15	-0.124	-17.928	21.470	0.124	17.928	-21.470	0.000%
16	-10.857	-23.904	18.638	10.857	23.904	-18.638	0.000%
17	-10.857	-17.928	18.638	10.857	17.928	-18.638	0.000%
18	-18.673	-23.904	10.806	18.673	23.904	-10.806	0.000%
19	-18.673	-17.928	10.806	18.673	17.928	-10.806	0.000%
20	-21.609	-23.904	-0.100	21.609	23.904	0.100	0.000%
21	-21.609	-17.928	-0.100	21.609	17.928	0.100	0.000%
22	-18.622	-23.904	-10.786	18.622	23.904	10.786	0.000%
23	-18.622	-17.928	-10.786	18.622	17.928	10.786	0.000%
24	-10.735	-23.904	-18.633	10.735	23.904	18.633	0.000%
25	-10.735	-17.928	-18.633	10.735	17.928	18.633	0.000%
26	0.000	-52.981	0.000	0.000	52.981	-0.000	0.000%
27	-0.008	-52.981	-4.906	0.008	52.981	4.906	0.000%
28	2.434	-52.981	-4.274	-2.434	52.981	4.274	0.000%
29	4.244	-52.981	-2.453	-4.244	52.981	2.453	0.000%
30	4.898	-52.981	-0.016	-4.898	52.981	0.016	0.000%
31	4.237	-52.981	2.427	-4.237	52.981	-2.427	0.000%
32	2.438	-52.981	4.229	-2.438	52.981	-4.229	0.000%
33	-0.020	-52.981	4.889	0.020	52.981	-4.889	0.000%
34	-2.463	-52.981	4.240	2.463	52.981	-4.240	0.000%
35	-4.243	-52.981	2.454	4.243	52.981	-2.454	0.000%
36	-4.913	-52.981	-0.026	4.913	52.981	0.026	0.000%
37	-4.238	-52.981	-2.460	4.238	52.981	2.460	0.000%
38	-2.447	-52.981	-4.245	2.447	52.981	4.245	0.000%
39	-0.002	-19.920	-4.677	0.002	19.920	4.677	0.000%
40	2.326	-19.920	-4.080	-2.326	19.920	4.080	0.000%
41	4.052	-19.920	-2.344	-4.052	19.920	2.344	0.000%
42	4.673	-19.920	-0.022	-4.673	19.920	0.022	0.000%
43	4.040	-19.920	2.306	-4.040	19.920	-2.306	0.000%
44	2.320	-19.920	4.027	-2.320	19.920	-4.027	0.000%
45	-0.027	-19.920	4.659	0.027	19.920	-4.659	0.000%
46	-2.356	-19.920	4.044	2.356	19.920	-4.044	0.000%
47	-4.052	-19.920	2.345	4.052	19.920	-2.345	0.000%
48	-4.689	-19.920	-0.022	4.689	19.920	0.022	0.000%
49	-4.041	-19.920	-2.340	4.041	19.920	2.340	0.000%
50	-2.330	-19.920	-4.043	2.330	19.920	4.043	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	0.00018655
3	Yes	4	0.00000001	0.00008639
4	Yes	5	0.00000001	0.00033181
5	Yes	5	0.00000001	0.00013889

6	Yes	5	0.00000001	0.00034264
7	Yes	5	0.00000001	0.00014394
8	Yes	4	0.00000001	0.00032876
9	Yes	4	0.00000001	0.00018573
10	Yes	5	0.00000001	0.00032592
11	Yes	5	0.00000001	0.00013755
12	Yes	5	0.00000001	0.00032781
13	Yes	5	0.00000001	0.00013847
14	Yes	4	0.00000001	0.00023587
15	Yes	4	0.00000001	0.00012053
16	Yes	5	0.00000001	0.00034149
17	Yes	5	0.00000001	0.00014332
18	Yes	5	0.00000001	0.00033668
19	Yes	5	0.00000001	0.00014105
20	Yes	4	0.00000001	0.00016600
21	Yes	4	0.00000001	0.00006739
22	Yes	5	0.00000001	0.00033270
23	Yes	5	0.00000001	0.00014039
24	Yes	5	0.00000001	0.00032980
25	Yes	5	0.00000001	0.00013921
26	Yes	4	0.00000001	0.00002413
27	Yes	5	0.00000001	0.00031167
28	Yes	5	0.00000001	0.00037604
29	Yes	5	0.00000001	0.00037716
30	Yes	5	0.00000001	0.00031434
31	Yes	5	0.00000001	0.00037491
32	Yes	5	0.00000001	0.00037505
33	Yes	5	0.00000001	0.00031462
34	Yes	5	0.00000001	0.00038093
35	Yes	5	0.00000001	0.00038028
36	Yes	5	0.00000001	0.00031470
37	Yes	5	0.00000001	0.00037244
38	Yes	5	0.00000001	0.00037127
39	Yes	4	0.00000001	0.00001919
40	Yes	4	0.00000001	0.00012057
41	Yes	4	0.00000001	0.00013259
42	Yes	4	0.00000001	0.00001875
43	Yes	4	0.00000001	0.00012076
44	Yes	4	0.00000001	0.00012295
45	Yes	4	0.00000001	0.00001600
46	Yes	4	0.00000001	0.00013103
47	Yes	4	0.00000001	0.00012521
48	Yes	4	0.00000001	0.00001690
49	Yes	4	0.00000001	0.00012583
50	Yes	4	0.00000001	0.00012361

Maximum Tower Deflections - Service Wind

Section No.	*Elevation*	*Horz. Deflection*	*Gov. Load Comb.*	*Tilt*	*Twist*
	ft	*in*		°	°
L1	110 - 70	14.485	47	1.162	0.002
L2	74 - 34.083	6.475	47	0.858	0.000
L3	39 - 0	1.740	47	0.414	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
104.000	(2) LPA-80080/4CF w/ Mount Pipe	47	13.047	1.119	0.002	24409
97.000	(3) DB844H90E-XY w/ Mount Pipe	47	11.392	1.066	0.001	11266
85.000	LLPX310R	47	8.693	0.967	0.001	5858
82.000	A-ANT-18G-2-C	47	8.059	0.939	0.001	5230

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	110 - 70	67.014	4	5.384	0.008
L2	74 - 34.083	30.002	4	3.975	0.001
L3	39 - 0	8.065	4	1.921	0.000

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
104.000	(2) LPA-80080/4CF w/ Mount Pipe	4	60.371	5.183	0.009	5357
97.000	(3) DB844H90E-XY w/ Mount Pipe	4	52.729	4.941	0.007	2471
85.000	LLPX310R	4	40.259	4.480	0.006	1282
82.000	A-ANT-18G-2-C	4	37.327	4.352	0.005	1144

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	110 - 70 (1)	TP25.53x15.53x0.25	40.000	0.000	0.0	19.545	-9.481	1143.410	0.008
L2	70 - 34.083 (2)	TP34.02x24.03x0.313	39.917	0.000	0.0	32.680	-15.126	1911.770	0.008
L3	34.083 - 0 (3)	TP41.9x32.164x0.344	39.000	0.000	0.0	45.998	-23.888	2690.860	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 $\frac{M_{uy}}{\phi M_{ny}}$

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	110 - 70 (1)	TP25.53x15.53x0.25	362.363	672.733	0.539	0.000	672.733	0.000
L2	70 - 34.083 (2)	TP34.02x24.03x0.313	926.708	1466.900	0.632	0.000	1466.900	0.000
L3	34.083 - 0 (3)	TP41.9x32.164x0.344	1698.950	2471.708	0.687	0.000	2471.708	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	110 - 70 (1)	TP25.53x15.53x0.25	14.403	343.022	0.042	0.230	732.606	0.000
L2	70 - 34.083 (2)	TP34.02x24.03x0.313	17.892	573.532	0.031	0.586	1638.450	0.000
L3	34.083 - 0 (3)	TP41.9x32.164x0.344	21.661	807.257	0.027	0.585	2950.858	0.000

Pole Interaction Design Data

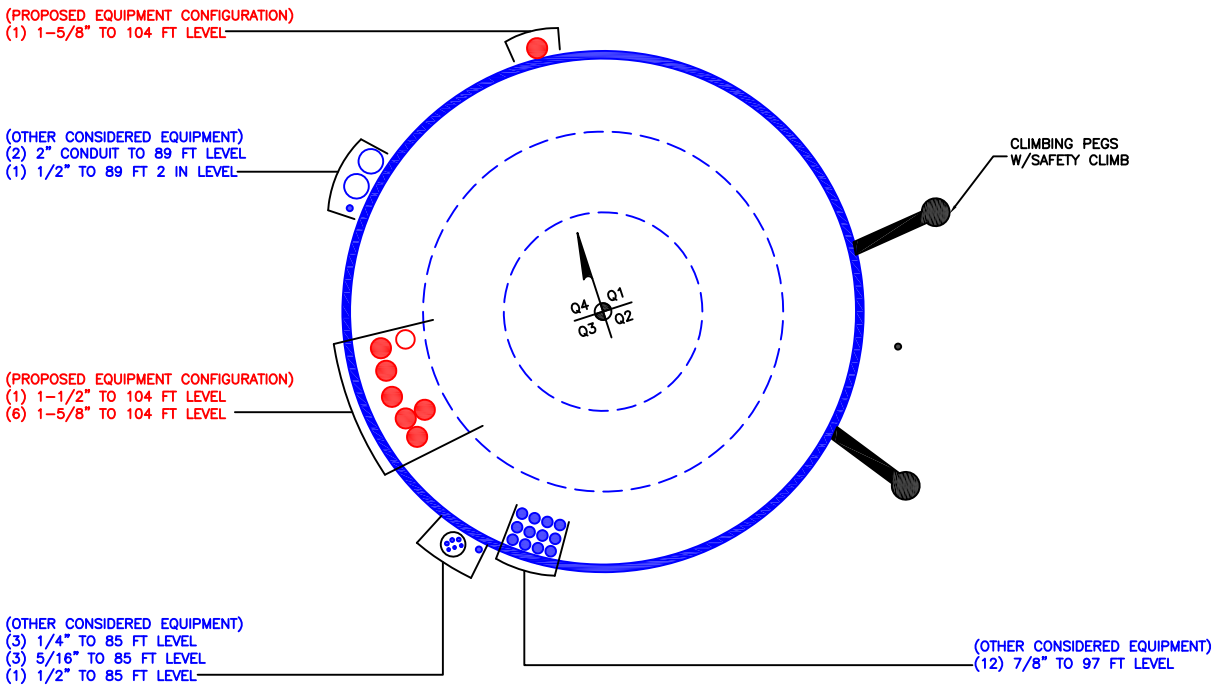
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	110 - 70 (1)	0.008	0.539	0.000	0.042	0.000	0.549 ✔	1.000	4.8.2 ✔
L2	70 - 34.083 (2)	0.008	0.632	0.000	0.031	0.000	0.641 ✔	1.000	4.8.2 ✔
L3	34.083 - 0 (3)	0.009	0.687	0.000	0.027	0.000	0.697 ✔	1.000	4.8.2 ✔

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	110 - 70	Pole	TP25.53x15.53x0.25	1	-9.481	1143.410	54.9	Pass
L2	70 - 34.083	Pole	TP34.02x24.03x0.313	2	-15.126	1911.770	64.1	Pass
L3	34.083 - 0	Pole	TP41.9x32.164x0.344	3	-23.888	2690.860	69.7	Pass
						Summary		
						Pole (L3)	69.7	Pass
						RATING =	**69.7**	**Pass**

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 806375

APPENDIX C

ADDITIONAL CALCULATIONS

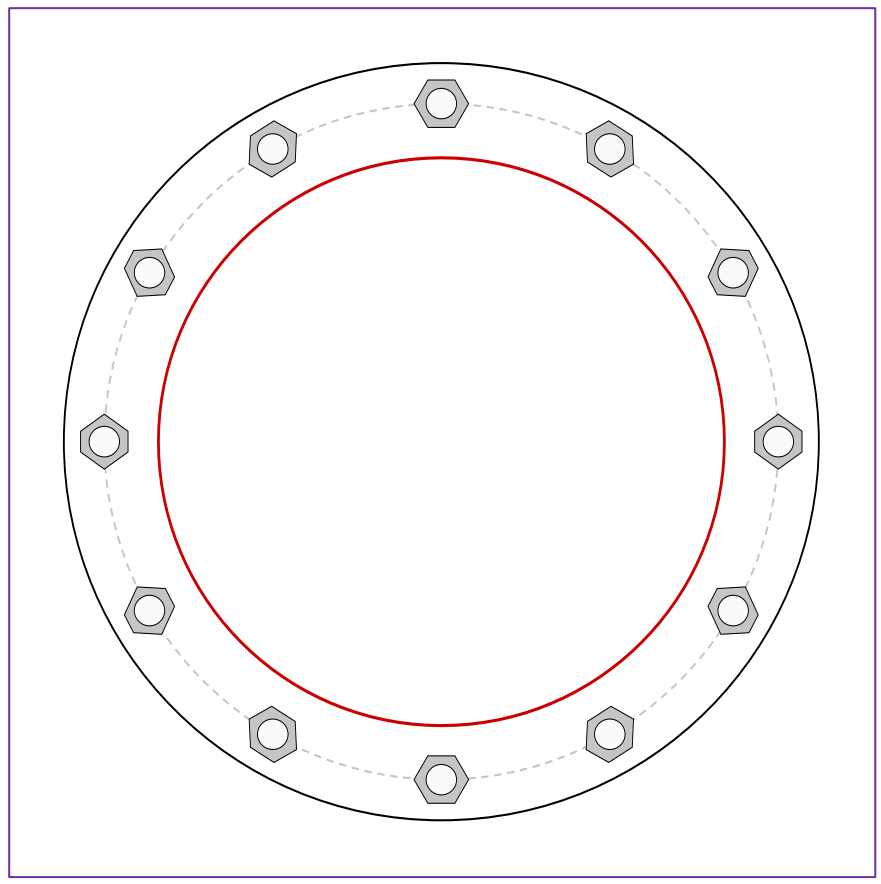
Monopole Base Plate Connection

Site Info	
BU #	806372
Site Name	HRT 093 943228, CT
Order #	552656, Rev# 1

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	2.5

Applied Loads	
Moment (kip-ft)	1698.95
Axial Force (kips)	23.89
Shear Force (kips)	21.66

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(12) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 49.88" BC

Base Plate Data

55.88" OD x 2.5" Plate (S-128; Fy=60 ksi, Fu=80 ksi)

Stiffener Data

N/A

Pole Data

41.9" x 0.34375" 12-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 134.14	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.81	ϕVn = 149.1	**52.4%**
Mu = 2.93	ϕMn = 128.14	**Pass**

Base Plate Summary

Max Stress (ksi):	19.83	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**35.0%**	**Pass**

PROJECT	**150051.001.01 - HRT 095 943237**
SUBJECT	**Foundation Reaction Comparison**
DATE	**04/24/21**

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

v1.3.2

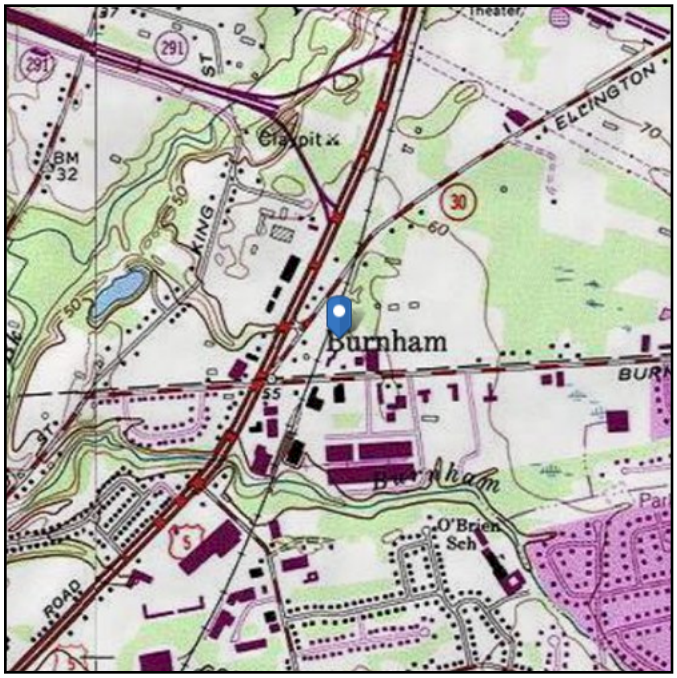
TIA Rev. H - Monopole

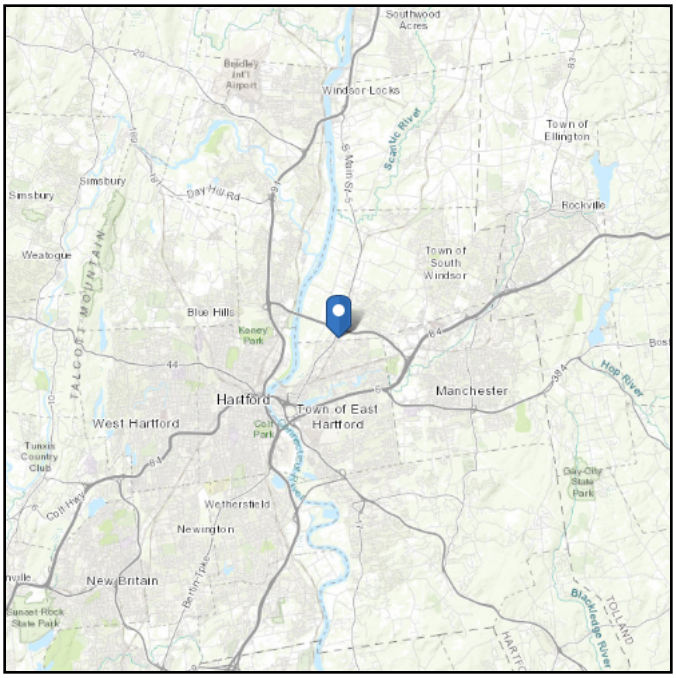
Base Reaction Type	Unfactored Original Design Reactions		Factored Reactions		Rating % with TIA-222-H Seciton 15.5 applied	
MP Overturning Moment	1947.417	kip-ft	1699	kip-ft	**61.5%**	Pass
MP Base Shear	24.176	kips	22	kips	**64.2%**	Pass

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-10	**Elevation:**	58 ft (NAVD 88)
Risk Category:	II	**Latitude:**	41.800136
Soil Class:	D - Stiff Soil	**Longitude:**	-72.615875





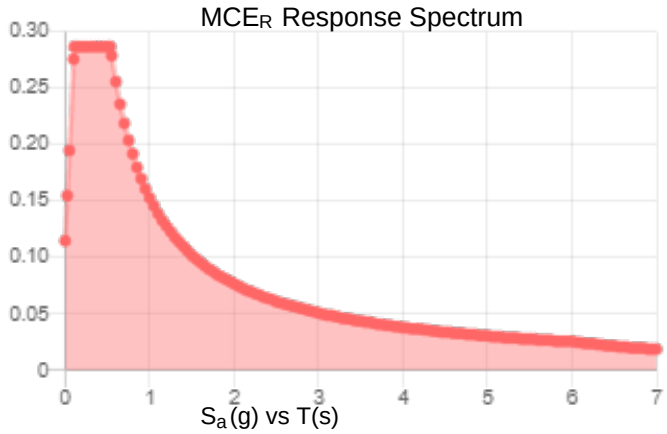
Seismic

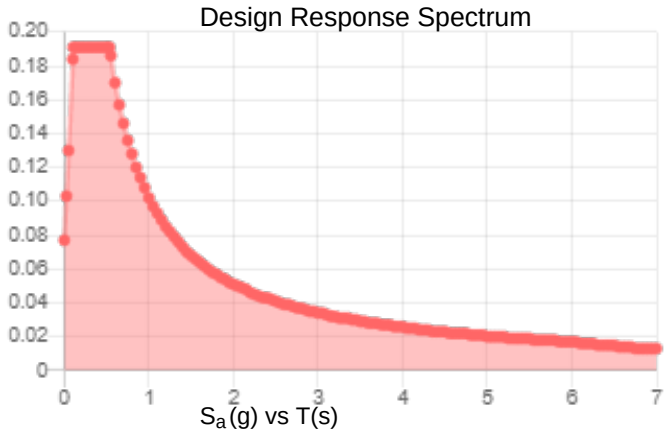
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.179	S_{DS} :	0.191
S_1 :	0.064	S_{D1} :	0.102
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.09
S_{MS} :	0.287	PGA_M :	0.144
S_{M1} :	0.153	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Wed Apr 21 2021

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

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	5 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Wed Apr 21 2021

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

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

Exhibit E

Mount Analysis

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
(856) 797-0412
peter.albano@colliersengineering.com

Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Analysis-R

SMART Tool Project #: 10060352
Maser Consulting Connecticut Project #: 21777001A

April 30, 2021

Site Information	*Site ID:*	*468317-VZW / Burham St CT*
	Site Name:	*Burham St CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*190 Burnham Street* *South Windsor, Connecticut 06074* *Hartford County*
	Latitude:	*41.800099°*
	Longitude:	*-72.615643°*
Structure Information	*Tower Type:*	*106-ft Monopole*
	Mount Type:	*12.50-ft Platform*

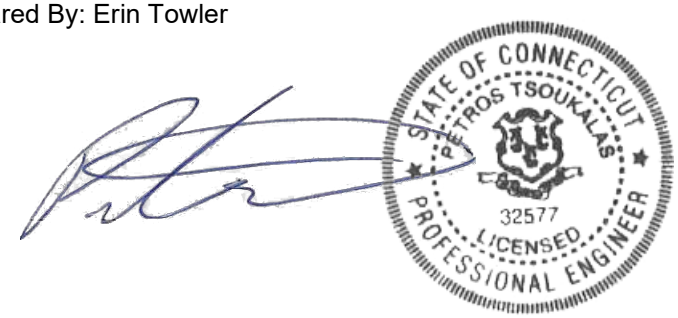
FUZE ID # 16231955

Analysis Results

Platform: **82.8% 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

Report Prepared By: Erin Towler



Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 323512, dated September 2, 2020*
Mount Mapping Report	*Structural Components Site ID: 16231955, dated February 18, 2021*
Failing Mount Analysis Report	*Maser Consulting Connecticut, Site ID: 21777001A, dated March 26, 2021*
Mount Specification Drawings	*Site Pro 1 Part# RMQP-496-HK*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	117 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.998
Seismic Parameters:	S_S:	0.187
	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
104.00	109.00	2	Amphenol Antel	LPA-80063-4CF-EDIN-4	Retained
		4	Antel	LPA-80080/4CF	
	108.00	3	Samsung	MT6407-77A	Added
		3	Commscope	NHH-65B-R2B	
		3	Commscope	NHHSS-65B-R2BT2	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Samsung	CBRS RRH - RT4401-48A	
		1	Raycap	RVZDC-6627-PF-48	

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	23.2 %	Pass
Standoff Horizontal	21.4 %	Pass
Platform Crossmember	14.6 %	Pass
Mount Pipe	82.8 %	Pass
Corner Plate	25.2 %	Pass
Grating Support	15.7 %	Pass
Cross Arm Plate	30.1 %	Pass
Support Rail	59.0 %	Pass
Support Rail Corner	77.7 %	Pass
Kicker	11.4 %	Pass
Mount Connection	19.5 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**82.8%**

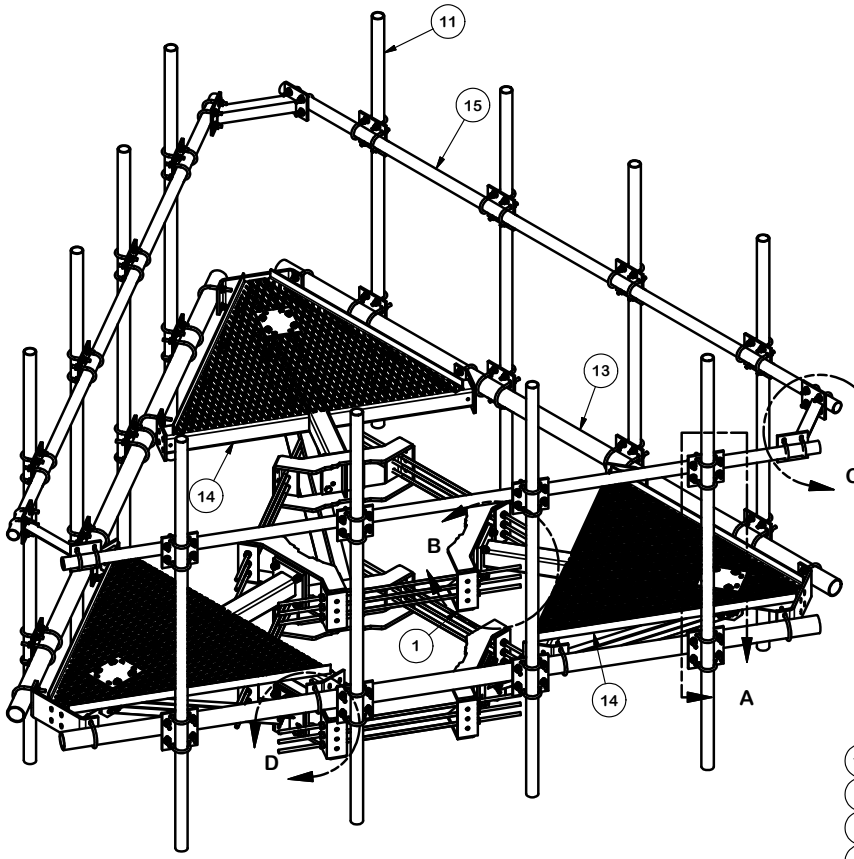
Recommendation:

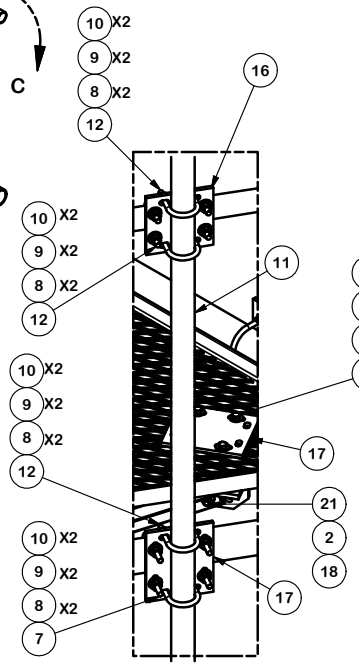
The proposed mount is **SUFFICIENT** for the final loading configuration and do not require modifications.

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

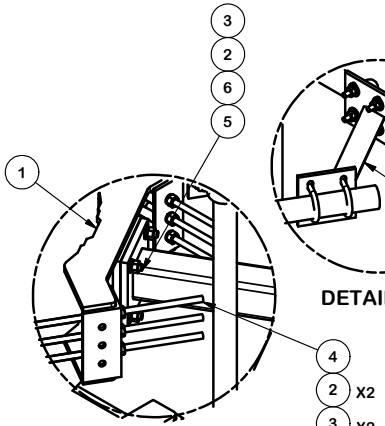
Attachments:

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





DETAIL A



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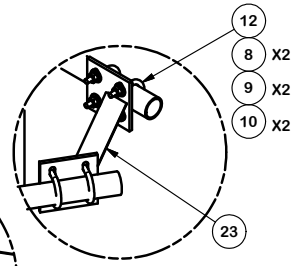

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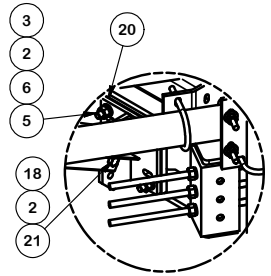


DETAIL D

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	6	X-LWRM	RING MOUNT WELDMENT		68.81	412.85
2	66	G58LW	5/8" HDG LOCKWASHER		0.03	1.72
3	60	A58NUT	5/8" HDG A325 HEX NUT		0.13	7.79
4	18	G58R-24	5/8" x 24" THREADED ROD (HDG.)		2.09	37.63
4	18	G58R-48	5/8" x 48" THREADED ROD (HDG.)		4.18	75.27
5	24	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2 3/4 in	0.36	8.54
6	24	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.82
7	36	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.83	29.82
8	264	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	9.00
9	252	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	3.50
10	252	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	18.05
11	12	P296	2-3/8" X 96" SCH. 40 GALVANIZED PIPE	96 in	30.76	369.08
12	84	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.60	50.17
13	3	P3150	3-1/2" X 150" (3" SCH 40) GALVANIZED PIPE	150 in	94.80	284.40
14	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31
15	3	P2150	2-3/8" O.D. X 150" SCH 40 GALVANIZED PIPE	150 in	45.77	137.31
16	12	SCX2	CROSSOVER PLATE	7 in	4.80	57.56
17	15	SCX4	CROSSOVER PLATE	8 1/2 in	6.02	90.32
18	6	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	0.78
19	6	X-253993	PLATFORM REINFORCEMENT KIT ANGLE	52 25/32 in	14.33	85.99
20	6	X-TBW	T-BRACKET WELDMENT		13.60	81.60
21	6	G5802	5/8" x 2" HDG HEX BOLT GR5		0.27	1.62
22	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	5 1/2 in	0.41	4.91
23	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
					TOTAL WT. #	2445.81

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED X-253992 TO X-TBW	4488	CEK	9/20/2018

REVISION HISTORY

DESCRIPTION
12' 6" LOW PROFILE PLATFORM
WITH TWELVE 2-3/8" ANTENNA MOUTING
PIPES, AND HANDRAIL

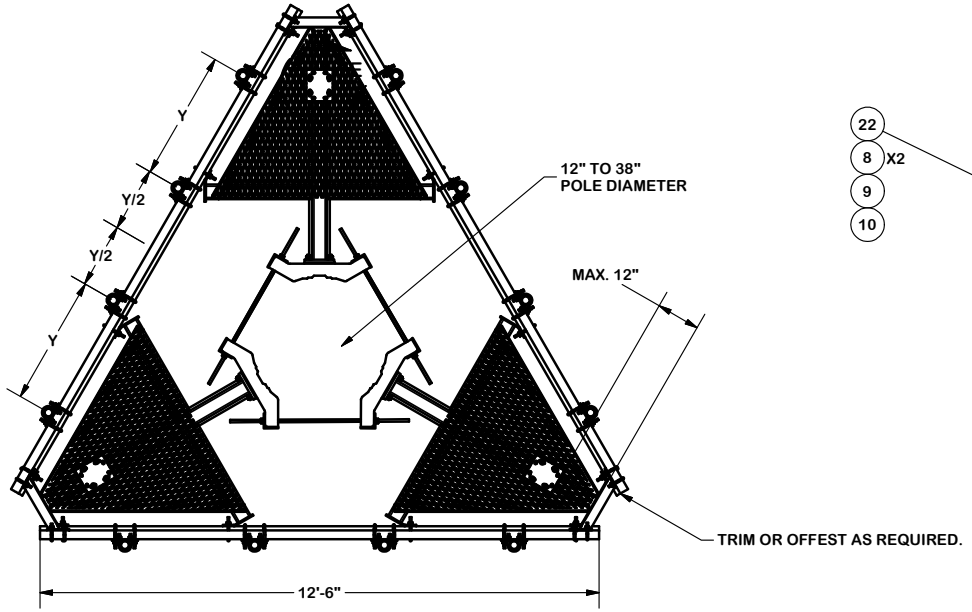
SITE PRO 1 — A valmont COMPANY

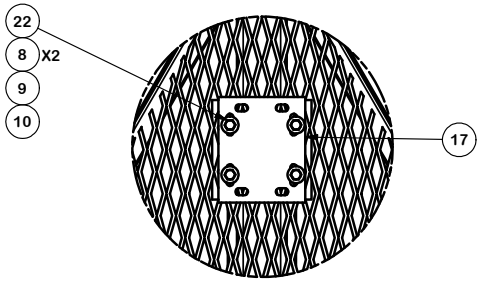
Engineering Support Team: 1-888-753-7446

Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
4488	CEK 7/14/2014		RMQP-496-HK	1 OF 3

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 7/14/2014	RMQP-496-HK





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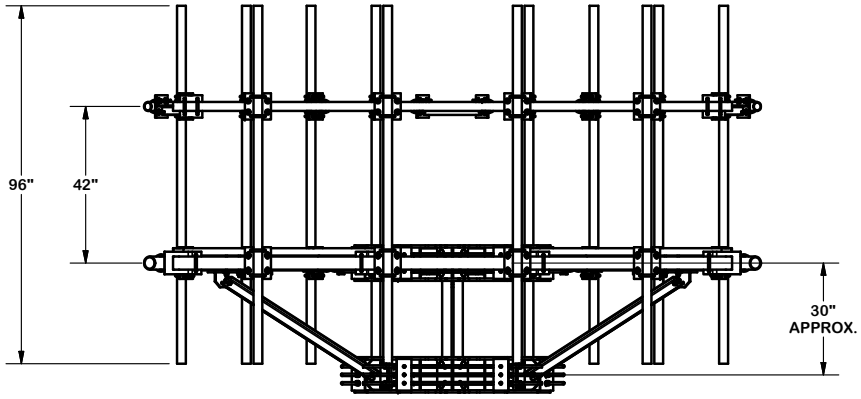

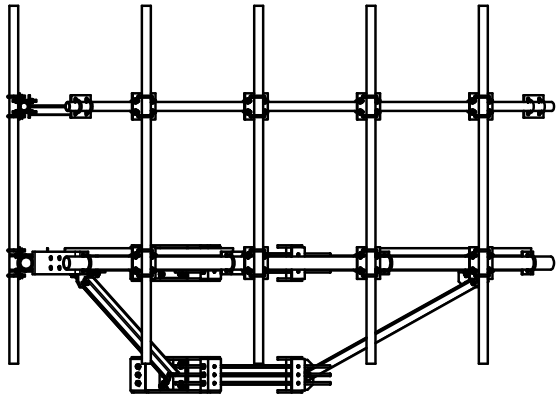

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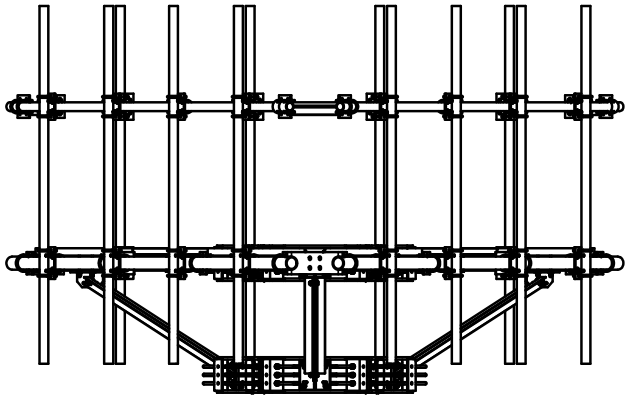
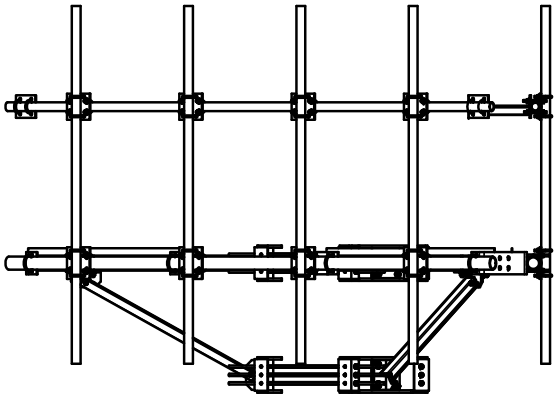
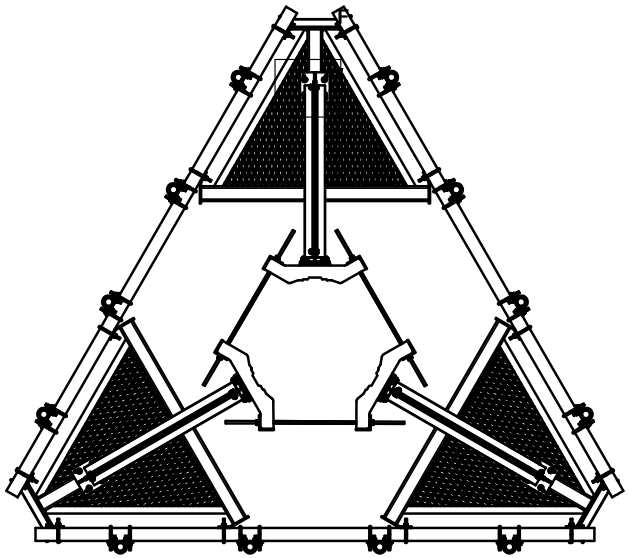
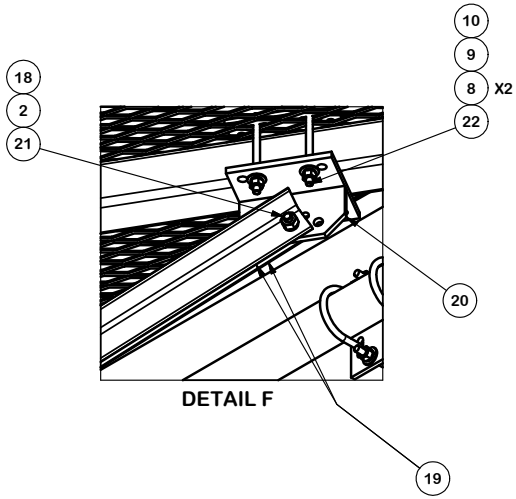
81	02	CUSTOMER	BMC 7/14/2014	RMQP-496-HK









DETAIL F

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED X-253992 TO X-TBW	4488	CEK	9/20/2018

REVISION HISTORY

DESCRIPTION
12' 6" LOW PROFILE PLATFORM
WITH TWELVE 2-3/8" ANTENNA MOUTING
PIPES, AND HANDRAIL

SITE PRO 1
A valmont COMPANY
Engineering Support Team:
1-888-753-7446
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
4488	CEK 7/14/2014		RMQP-496-HK

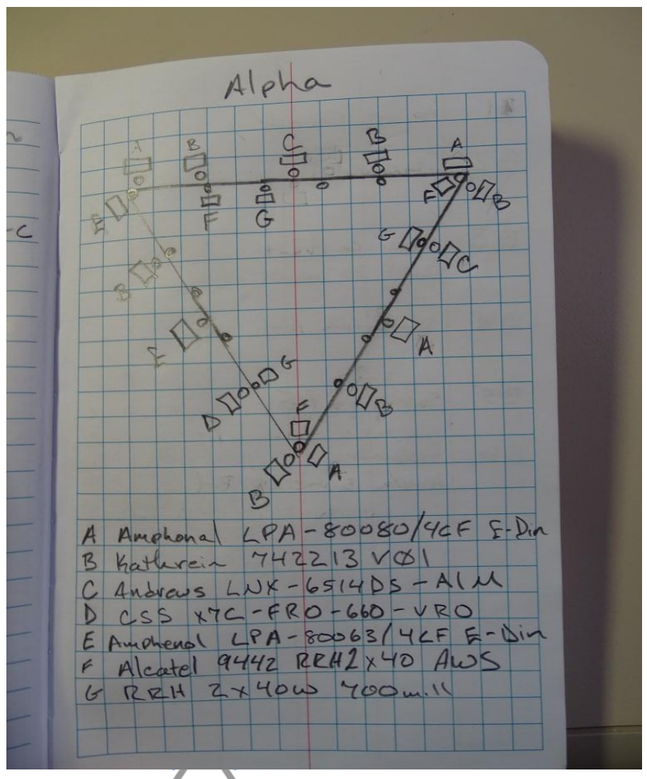
CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 7/14/2014	RMQP-496-HK

V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC #
1272519

Tower Owner:	Crown Castle	**Mapping Date:**	2/18/2021
Site Name:	Burnham St CT	**Tower Type:**	Monopole
Site Number or ID:	16231955	**Tower Height (Ft.):**	106
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	106



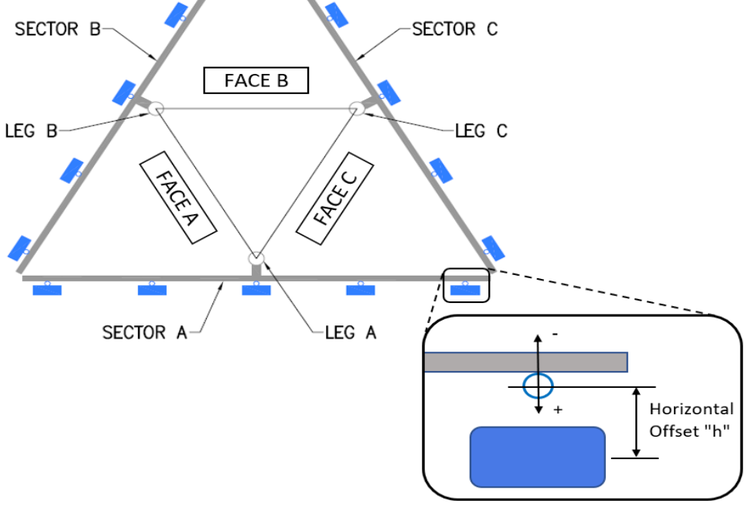
Mount Pipe Configuration and Geometries [Unit = Inches]

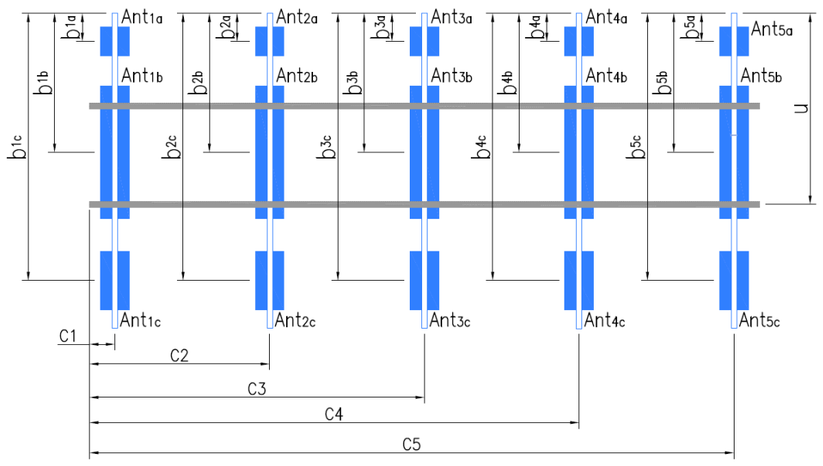
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2-3/8" x 0.154" x 71"	67.00	0.00	C1	corner		
A2	2-3/8" x 0.154" x 87"	72.00	33.00	C2	2-3/8" x 0.154" x 87"	72.00	0.00
A3	2-3/8" x 0.154" x 29"	40.00	65.50	C3	2-3/8" x 0.154" x 87"	72.00	35.50
A4	2-3/8" x 0.154" x 87"	63.00	80.50	C4	2-3/8" x 0.154" x 84"	70.00	80.50
A5	2-3/8" x 0.154" x 84"	72.00	122.50	C5	2-3/8" x 0.154" x 84"	70.00	125.50
A6	2-3/8" x 0.154" x 59" (corner)			C6	corner		
B1	2-3/8" x 0.154" x 59" (corner)			D1			
B2	2-3/8" x 0.154" x 87"	70.00	0.00	D2			
B3	2-3/8" x 0.154" x 87"	70.00	35.50	D3			
B4	2-3/8" x 0.154" x 84"	72.00	80.50	D4			
B5	2-3/8" x 0.154" x 84"	72.00	125.50	D5			
B6	corner			D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	30.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	

Please enter additional infomation or comments below.

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	23



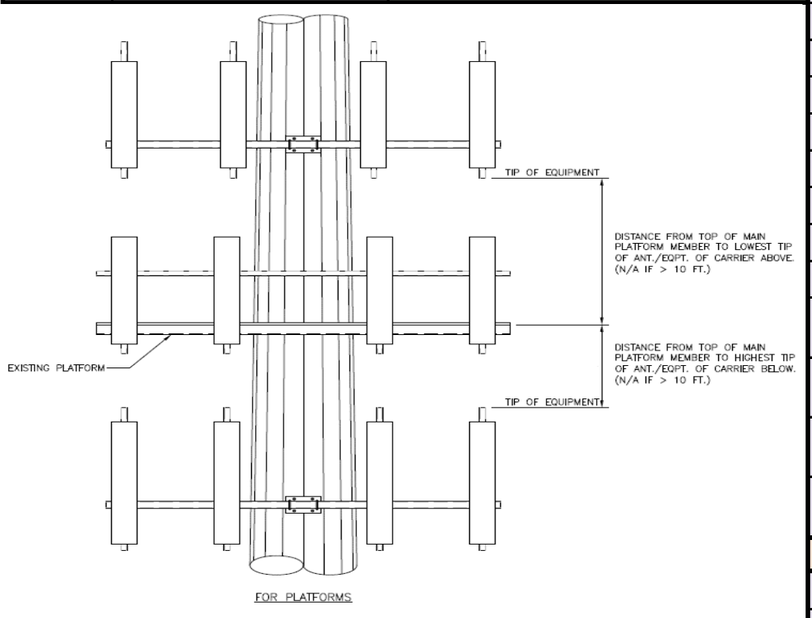


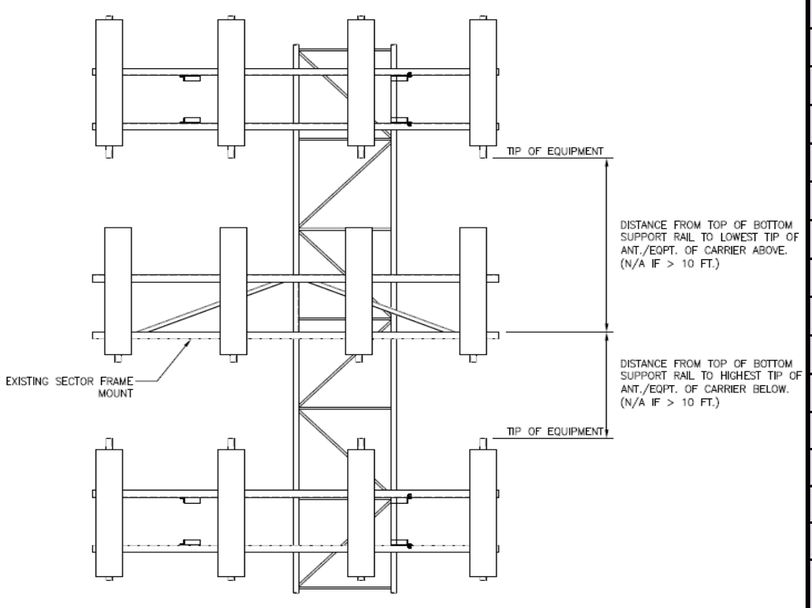
Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	Amphanol LPA-80080/4CF E-DIN	5.75	13.00	47.00		101.5	64.00	13.50	30.00	39
Ant_{1c}										
Ant_{2a}	Alcatel 9442 RRH2x40-AWS	12.00	8.00	20.00		103.167	44.00	-7.00	240.00	39
Ant_{2b}	Kathrein 742213V01	6.00	2.50	77.00		101	70.00	4.50	30.00	39
Ant_{2c}										
Ant_{3a}	RRH 2x40W 700mill	15.50	10.00	16.00		103.833	36.00	-7.00	240.00	39
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Andrews LNX-6514DS-A1M	12.00	7.50	72.00		101.583	63.00	7.00	30.00	39
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	Kathrein 742213V01	6.00	2.50	77.00		101	70.00	4.50	30.00	40
Ant_{5c}										
$Ant6_a$										
$Ant6_b$	Amphanol LPA-80080/4CF E-DIN	5.75	13.00	47.00		102.417	53.00	14.00	30.00	40
$Ant6_c$										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Antenna Layout (Looking Out From Tower)

Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector		
Sector A:	20.00	Deg	Leg A:	60.00	Deg
Sector B:	120.00	Deg	Leg B:	180.00	Deg
Sector C:	240.00	Deg	Leg C:	300.00	Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	180.00 Deg	Outside Face B
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Missing safety cable.





Sector B										
Ant_{1a}	Alcatel 9442 RRH2x40-AWS	12.00	8.00	20.00		100.583	35.00	-7.00	350.00	15
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	Kathrein 742213V01	6.00	2.50	77.00			65.00	4.50	170.00	15
Ant_{2c}										
Ant_{3a}	RRH 2x40W 700mill	15.50	10.00	16.00		103.833	36.00	-7.00	0.00	15
Ant_{3b}	Andrews LNX-6514DS-A1M	12.00	7.50	72.00		101	70.00	6.00	170.00	15
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Amphanol LPA-80080/4CF E-DIN	5.75	13.00	47.00		104.333	53.00	13.50	180.00	15
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	Kathrein 742213V01	6.00	2.50	77.00		103.667	70.00	4.50	180.00	15
Ant_{5c}										
$Ant6_a$										
$Ant6_b$	Amphanol LPA-80080/4CF E-DIN	5.75	13.00	47.00		105.083	53.00	13.50	180.00	15
$Ant6_c$										
Ant on Standoff	RRFDC 3315 PF 48	14.00	10.50	19.00	(1) 1.5" HYB	110.042	-6.50	8.00	60.00	15
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	Alcatel 9442 RRH2x40-AWS	12.00	8.00	20.00		100.5	36.00	-7.00	90.00	20
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	Kathrein 742213V01	6.00	2.50	77.00		97.6667	70.00	4.50	310.00	20
Ant_{2c}										
Ant_{3a}	RRH 2x40W 700mill	15.50	10.00	16.00		100.5	36.00	-7.00	120.00	20
Ant_{3b}	CSS X7C-FRO-660-VRO	14.00	7.00	72.00		97.3333	74.00	11.00	310.00	20
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Amphonal LPA-80063/4CF E-DIN	15.00	7.00	47.00		98.75	57.00	12.00	300.00	20
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	Kathrein 742213V01	6.00	2.50	77.00		97.8333	68.00	4.50	300.00	20
Ant_{5c}										
$Ant6_a$										
$Ant6_b$	Amphonal LPA-80063/4CF E-DIN	15.00	7.00	47.00		104.75	57.00	12.00	300.00	20
$Ant6_c$										
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		

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.

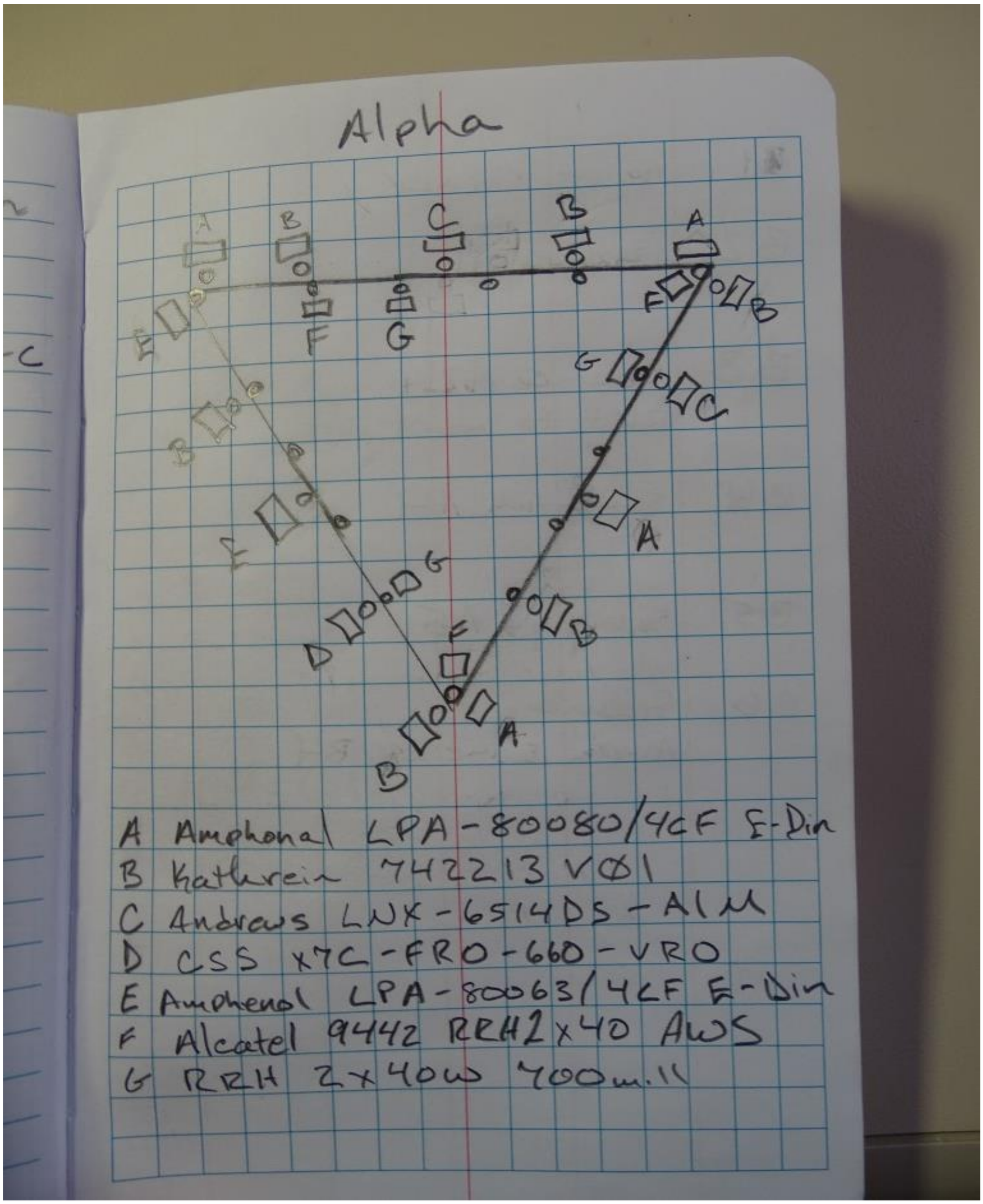
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC #
1272519

Tower Owner:	Crown Castle	**Mapping Date:**	2/18/2021
Site Name:	Burnham St CT	**Tower Type:**	Monopole
Site Number or ID:	16231955	**Tower Height (Ft.):**	106
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	106

Please Insert Sketches of the Antenna Mount



Please Insert Sketches of the Antenna Mount, cont'd

Structural Components

11611 E 51st Ave, Denver, CO 80239
Ph: 800.584.8839 Fx: 720.489.3764

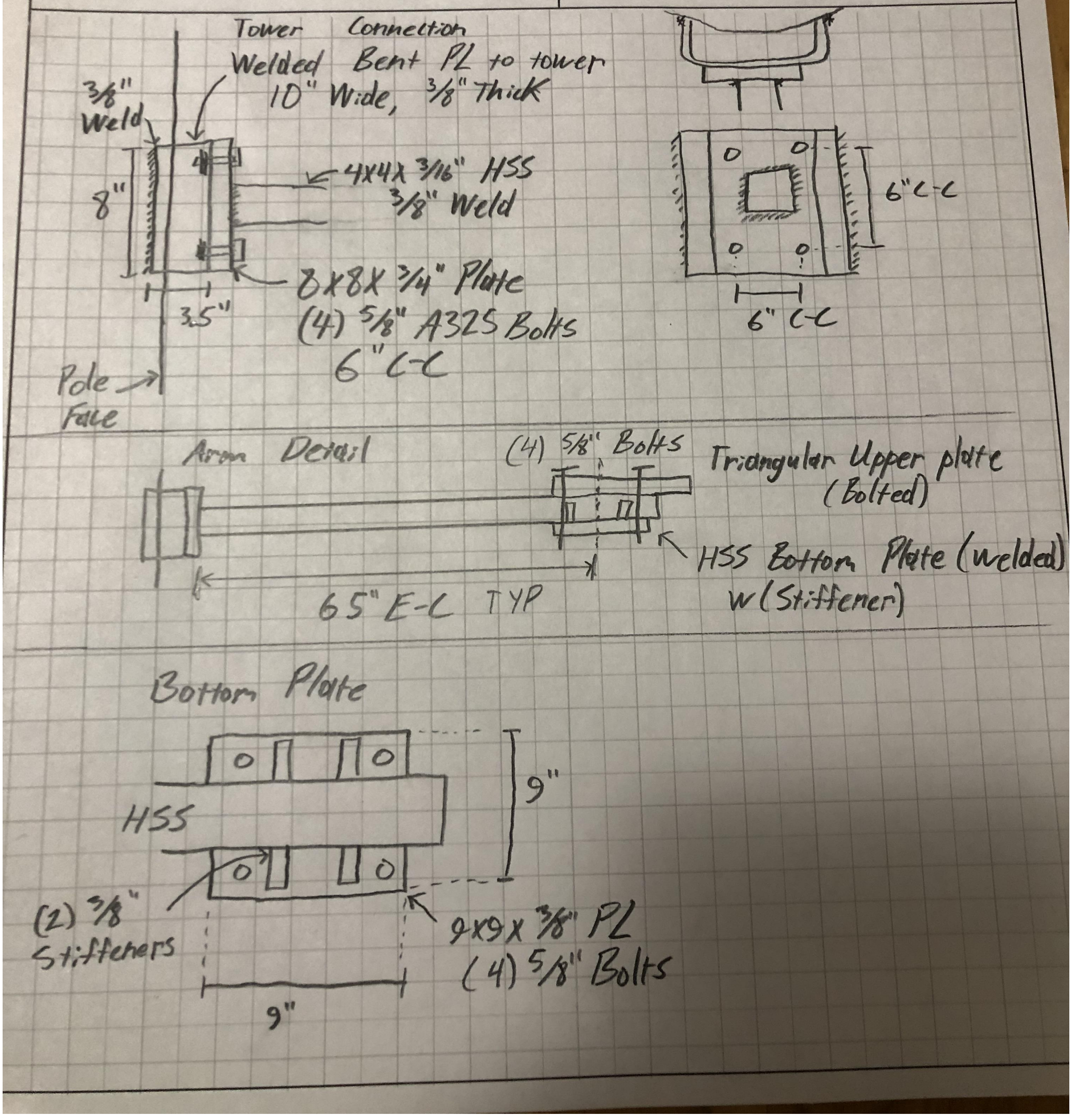
Job#: _____

Title: _____

Page: _____ of _____

Calc By: _____ Date: _____

Checked By: _____ Date: _____



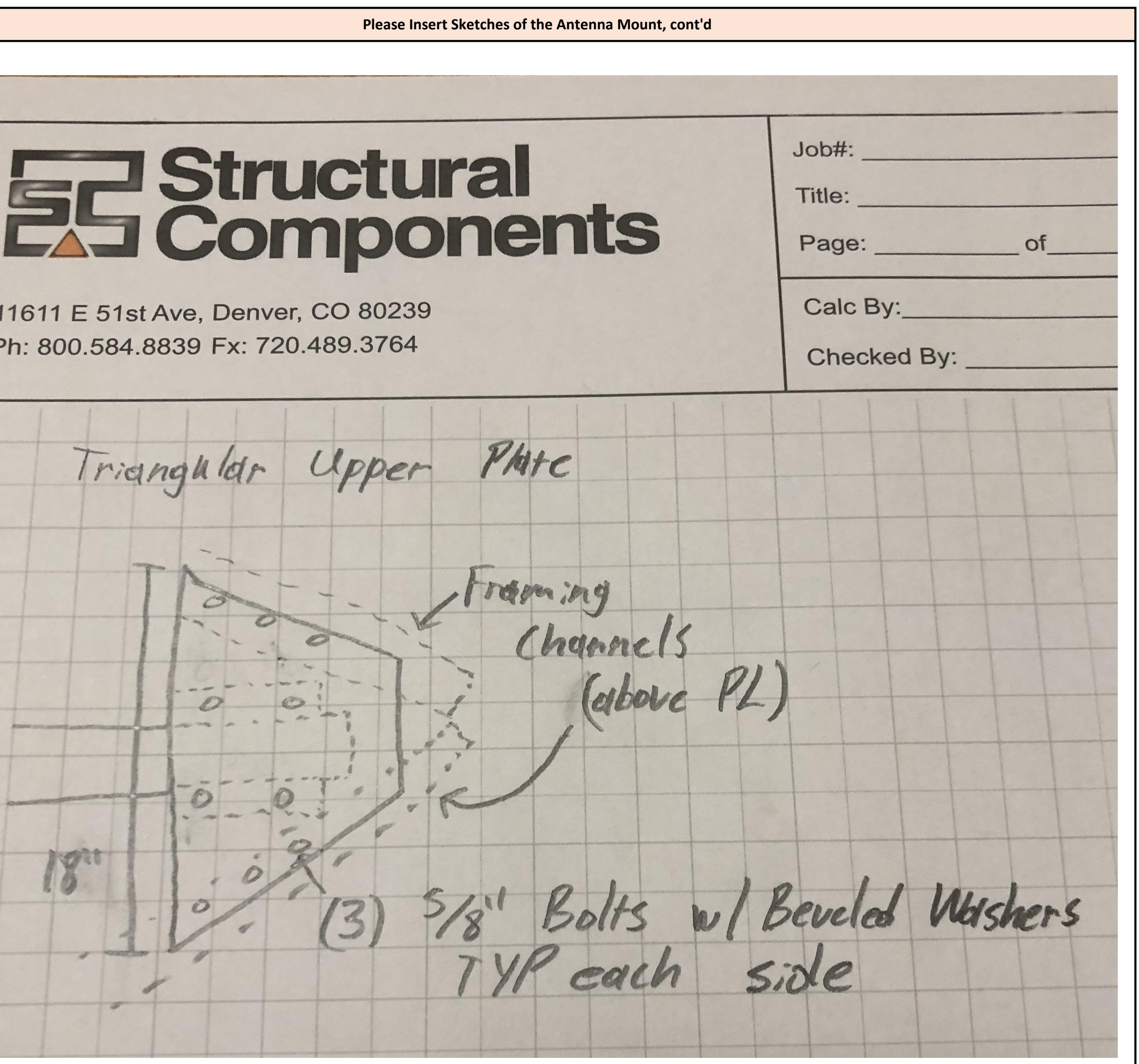
Please Insert Sketches of the Antenna Mount, cont'd

Structural Components

11611 E 51st Ave, Denver, CO 80239
Ph: 800.584.8839 Fx: 720.489.3764

Job#: _____
Title: _____
Page: _____ of _____
Calc By: _____
Checked By: _____

Triangular Upper Plate

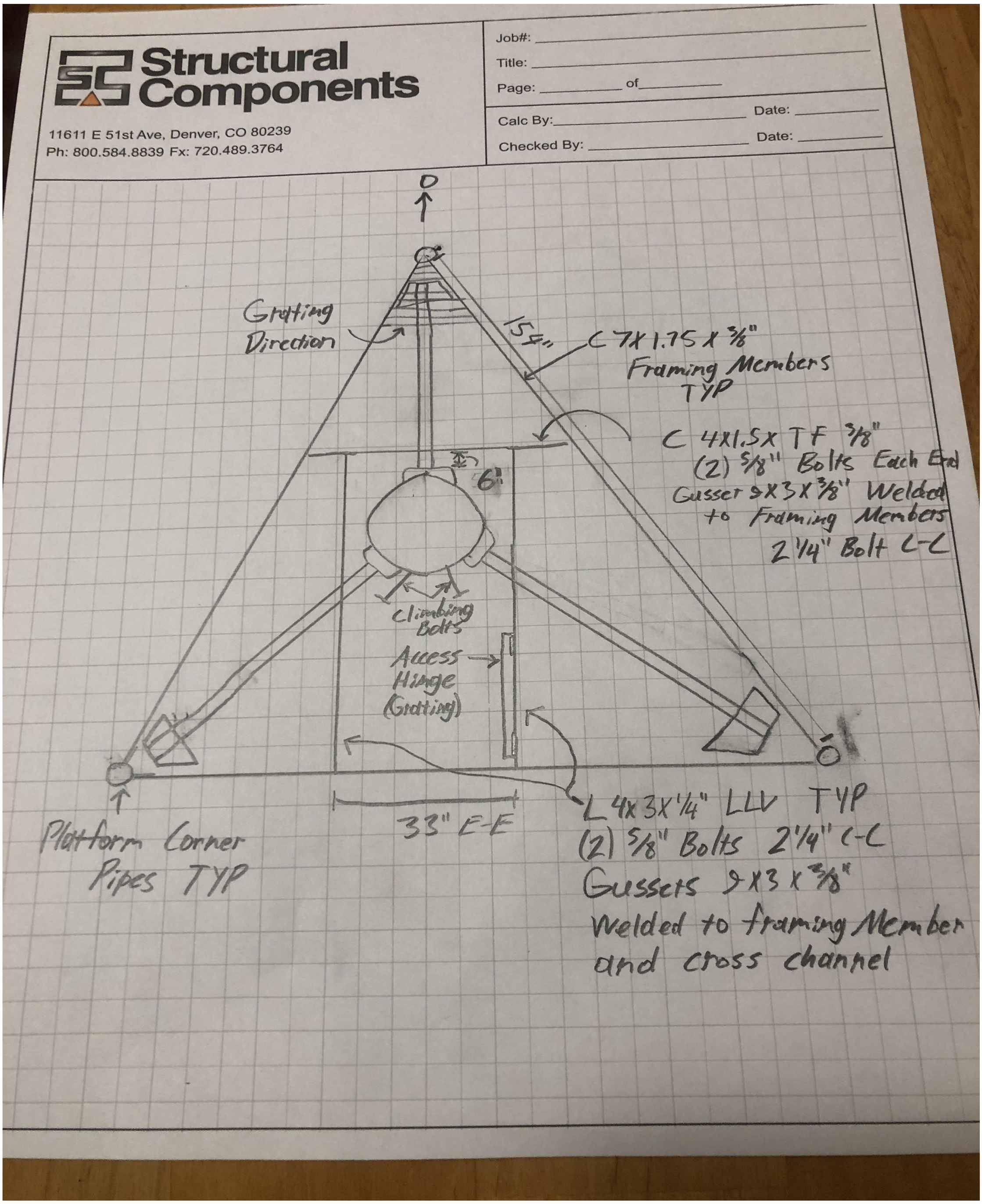


Please Insert Sketches of the Antenna Mount, cont'd

Structural Components

11611 E 51st Ave, Denver, CO 80239
Ph: 800.584.8839 Fx: 720.489.3764

Job#: _____
Title: _____
Page: _____ of _____
Calc By: _____ Date: _____
Checked By: _____ Date: _____



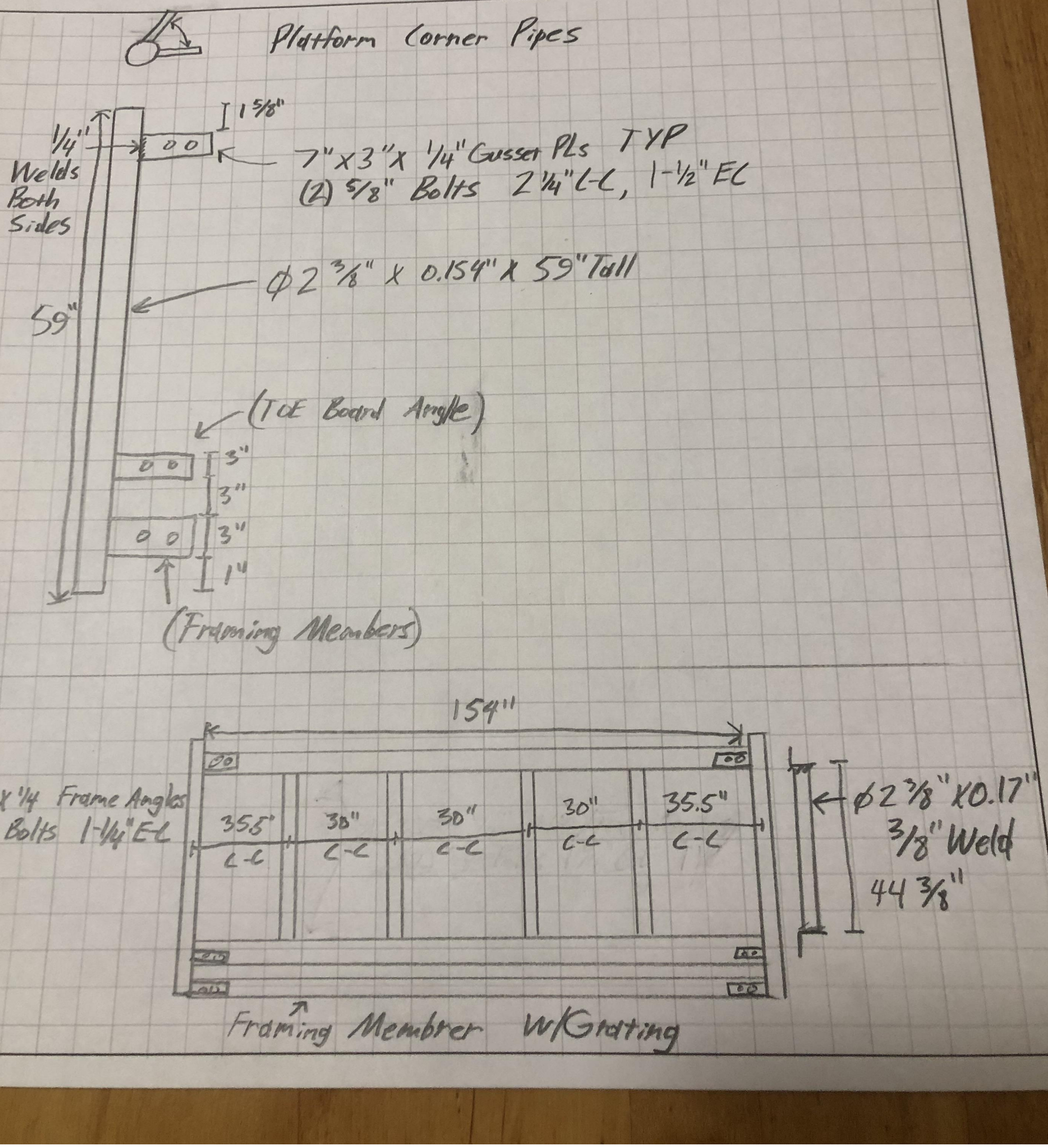
Please Insert Sketches of the Antenna Mount, cont'd

Structural Components

11611 E 51st Ave, Denver, CO 80239
Ph: 800.584.8839 Fx: 720.489.3764

Job#: _____
Title: _____
Page: _____ of _____
Calc By: _____ Date: _____
Checked By: _____ Date: _____

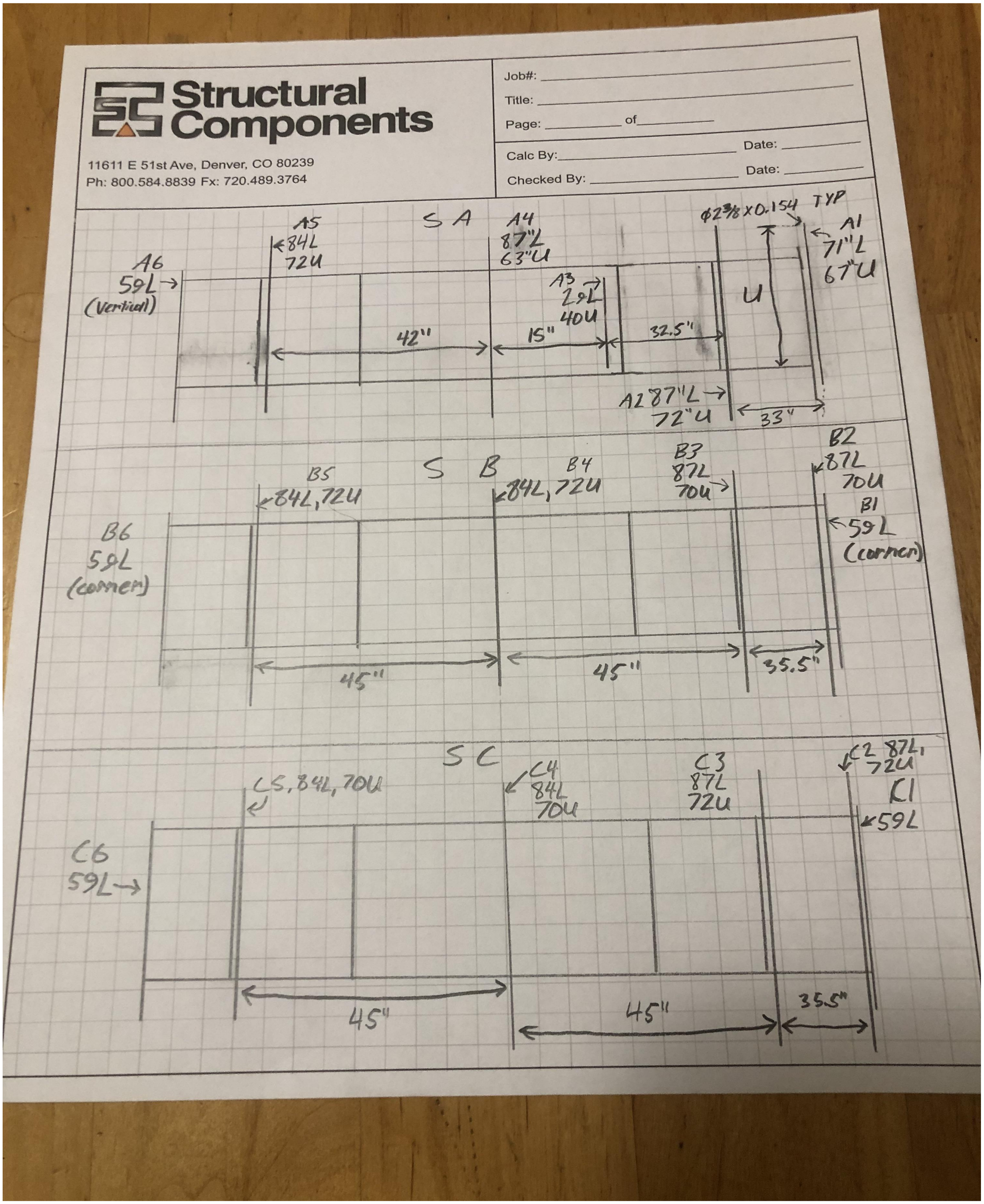
Platform Corner Pipes



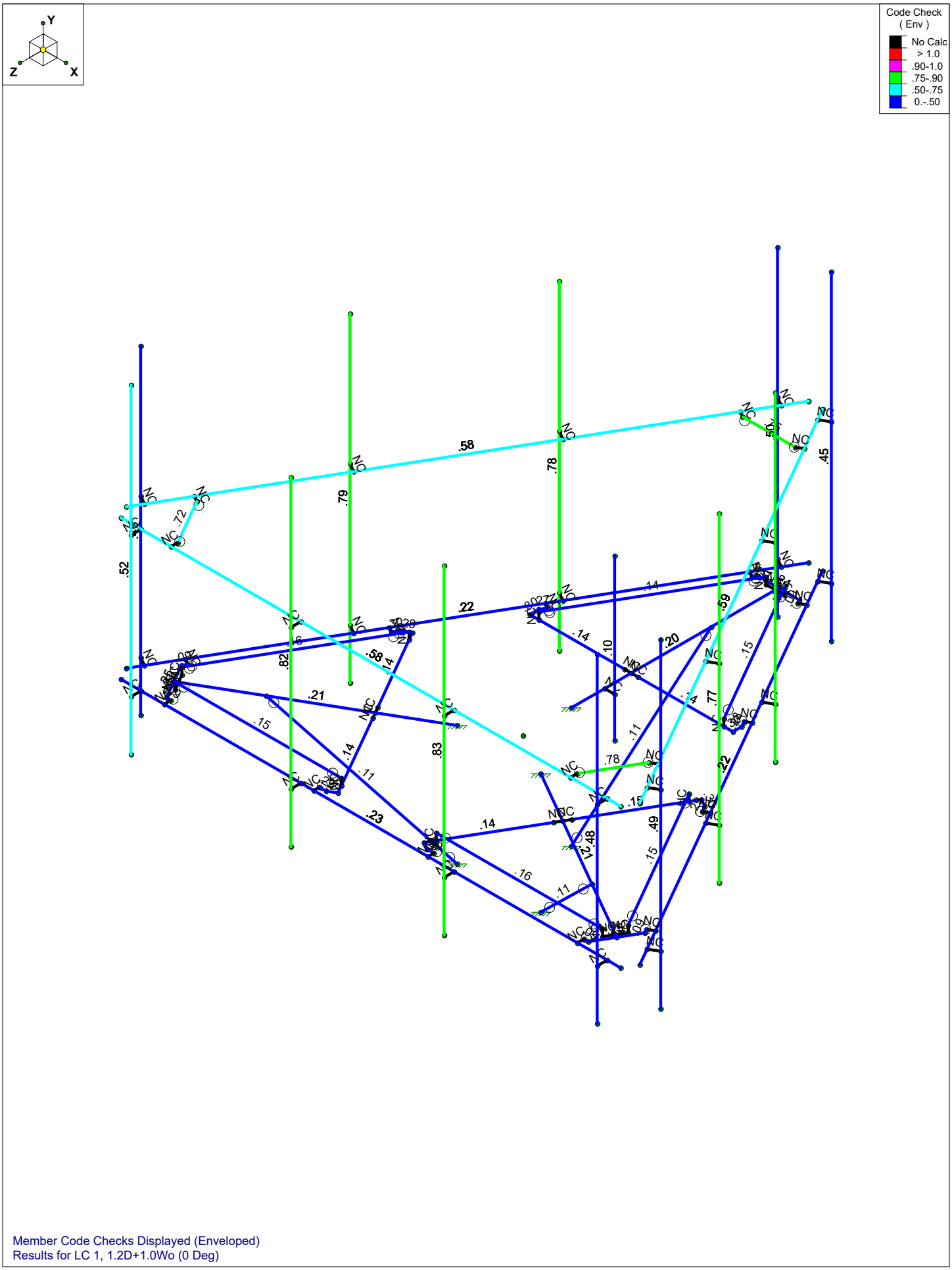
Please Insert Sketches of the Antenna Mount, cont'd

Structural Components
11611 E 51st Ave, Denver, CO 80239
Ph: 800.584.8839 Fx: 720.489.3764

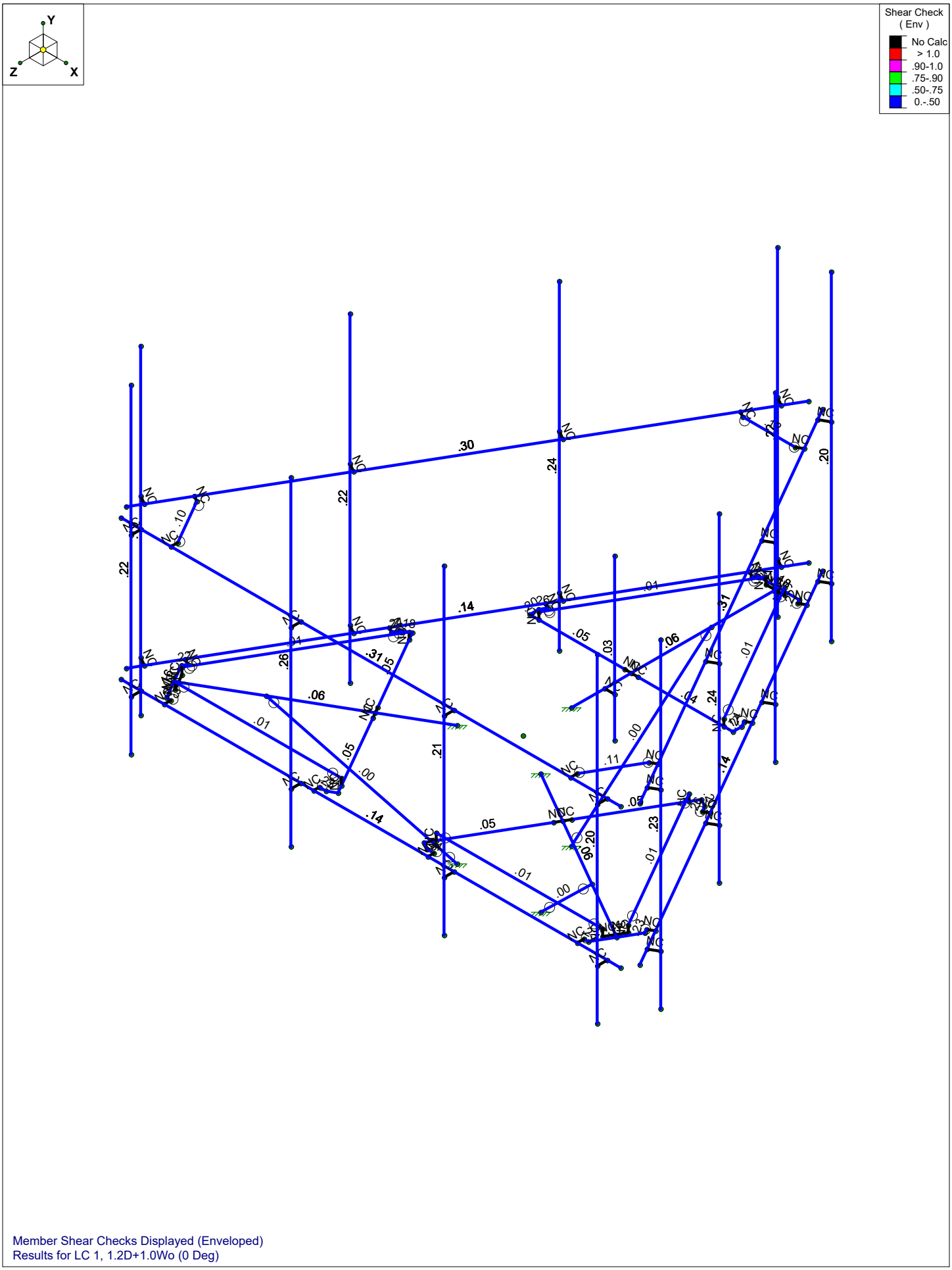
Job#:
Title:
Page: of
Calc By: Date:
Checked By: Date:




Y
Z
X



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



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

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut...	Area(Me...	Surface(...
1	Antenna D	None					120			
2	Antenna Di	None					120			
3	Antenna Wo (0 Deg)	None					120			
4	Antenna Wo (30 Deg)	None					120			
5	Antenna Wo (60 Deg)	None					120			
6	Antenna Wo (90 Deg)	None					120			
7	Antenna Wo (120 Deg)	None					120			
8	Antenna Wo (150 Deg)	None					120			
9	Antenna Wo (180 Deg)	None					120			
10	Antenna Wo (210 Deg)	None					120			
11	Antenna Wo (240 Deg)	None					120			
12	Antenna Wo (270 Deg)	None					120			
13	Antenna Wo (300 Deg)	None					120			
14	Antenna Wo (330 Deg)	None					120			
15	Antenna Wi (0 Deg)	None					120			
16	Antenna Wi (30 Deg)	None					120			
17	Antenna Wi (60 Deg)	None					120			
18	Antenna Wi (90 Deg)	None					120			
19	Antenna Wi (120 Deg)	None					120			
20	Antenna Wi (150 Deg)	None					120			
21	Antenna Wi (180 Deg)	None					120			
22	Antenna Wi (210 Deg)	None					120			
23	Antenna Wi (240 Deg)	None					120			
24	Antenna Wi (270 Deg)	None					120			
25	Antenna Wi (300 Deg)	None					120			
26	Antenna Wi (330 Deg)	None					120			
27	Antenna Wm (0 Deg)	None					120			
28	Antenna Wm (30 Deg)	None					120			
29	Antenna Wm (60 Deg)	None					120			
30	Antenna Wm (90 Deg)	None					120			
31	Antenna Wm (120 Deg)	None					120			
32	Antenna Wm (150 Deg)	None					120			
33	Antenna Wm (180 Deg)	None					120			
34	Antenna Wm (210 Deg)	None					120			
35	Antenna Wm (240 Deg)	None					120			
36	Antenna Wm (270 Deg)	None					120			
37	Antenna Wm (300 Deg)	None					120			
38	Antenna Wm (330 Deg)	None					120			
39	Structure D	None		-1					3	
40	Structure Di	None						61	3	
41	Structure Wo (0 Deg)	None						122		
42	Structure Wo (30 Deg)	None						122		
43	Structure Wo (60 Deg)	None						122		
44	Structure Wo (90 Deg)	None						122		
45	Structure Wo (120 Deg)	None						122		
46	Structure Wo (150 Deg)	None						122		
47	Structure Wo (180 Deg)	None						122		
48	Structure Wo (210 Deg)	None						122		
49	Structure Wo (240 Deg)	None						122		
50	Structure Wo (270 Deg)	None						122		
51	Structure Wo (300 Deg)	None						122		
52	Structure Wo (330 Deg)	None						122		
53	Structure Wi (0 Deg)	None						122		
54	Structure Wi (30 Deg)	None						122		
55	Structure Wi (60 Deg)	None						122		
56	Structure Wi (90 Deg)	None						122		
57	Structure Wi (120 Deg)	None						122		
58	Structure Wi (150 Deg)	None						122		
59	Structure Wi (180 Deg)	None						122		
60	Structure Wi (210 Deg)	None						122		
61	Structure Wi (240 Deg)	None						122		

Basic Load Cases (Continued)

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

Load Combinations

	Description	S...	PDe...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1														
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0Di + 1.0Wi (60 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (90 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (240 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5Lm1 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5Lm1 + 1.0Wm (30 D...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												
27	1.2D + 1.5Lm1 + 1.0Wm (60 D...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1												
28	1.2D + 1.5Lm1 + 1.0Wm (90 D...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1												
29	1.2D + 1.5Lm1 + 1.0Wm (120 ...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1												
30	1.2D + 1.5Lm1 + 1.0Wm (150 ...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1												
31	1.2D + 1.5Lm1 + 1.0Wm (180 ...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1												
32	1.2D + 1.5Lm1 + 1.0Wm (210 ...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1												
33	1.2D + 1.5Lm1 + 1.0Wm (240 ...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1												
34	1.2D + 1.5Lm1 + 1.0Wm (270 ...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1												
35	1.2D + 1.5Lm1 + 1.0Wm (300 ...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1												
36	1.2D + 1.5Lm1 + 1.0Wm (330 ...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1												

Load Combinations (Continued)

	Description	S...	PDe...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
37	1.2D + 1.5Lm2 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30 D...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60 D...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90 D...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (120 ...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (150 ...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (180 ...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 ...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (240 ...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 ...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (300 ...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 ...	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 + 1.0Eh (0 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0Eh (30 Deg)		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.8...										
55	1.2D + 1.0Ev + 1.0Eh (60 Deg)		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0Eh (90 Deg)		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0Eh (120 Deg)		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0Eh (150 Deg)		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0Eh (180 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0Eh (210 Deg)		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0Eh (240 Deg)		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0Eh (270 Deg)		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0Eh (300 Deg)		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0Eh (330 Deg)		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.8...										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Di...
1	N1	0	0	0	0	
2	N2	0	0	-1.208333	0	
3	N3	-1.046447	0	0.604167	0	
4	N4	1.046447	0	0.604167	0	
5	N5	6.25	0	3.810523	0	
6	N6	-6.25	0	3.810523	0	
7	N7	-2.541667	0	-2.708333	0	
8	N8	2.315104	0.166667	-2.708333	0	
9	N9	-2.315104	0.166667	-2.708333	0	
10	N10	5.916667	0	3.810523	0	
11	N11	5.916667	0	4.060523	0	
12	N12	-5.75	0	3.810523	0	
13	N13	-5.75	0	4.060523	0	
14	N14	2.083333	0	3.810523	0	
15	N15	2.083333	0	4.060523	0	
16	N16	-1.75	0	3.810523	0	
17	N17	-1.75	0	4.060523	0	
18	N18	-1.75	-1.25	4.060523	0	
19	N19	-1.75	6.75	4.060523	0	
20	N20	-5.75	-1.25	4.060523	0	
21	N21	-5.75	6.75	4.060523	0	
22	N22	2.083333	-1.25	4.060523	0	
23	N23	2.083333	6.75	4.060523	0	
24	N24	5.916667	-1.25	4.060523	0	
25	N25	5.916667	6.75	4.060523	0	
26	N26	0	0	-2.708333	0	
27	N27	0	0	-6.395833	0	
28	N28	2.315104	0	-2.708333	0	
29	N29	-2.315104	0	-2.708333	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Di...
30	N30	2.541667	0	-2.708333	0	
31	N31	-0.166667	0	-2.708333	0	
32	N32	0.166667	0	-2.708333	0	
33	N33	-2.541667	0	-2.927083	0	
34	N34	2.541667	0	-2.927083	0	
35	N35	2.458333	0	-3.071421	0	
36	N36	0.571615	0	-6.298857	0	
37	N37	-2.458333	0	-3.071421	0	
38	N38	-0.571615	0	-6.298857	0	
39	N39	2.584629	0	-3.144338	0	
40	N40	-2.584629	0	-3.144338	0	
41	N41	-0.515625	0	-6.395833	0	
42	N42	0.515625	0	-6.395833	0	
43	N43	0.715429	0	-6.381888	0	
44	N44	-0.715429	0	-6.381888	0	
45	N45	0	0	-6.3125	0	
46	N46	0.234238	0.166667	-6.3125	0	
47	N47	0.234238	0	-6.3125	0	
48	N48	-0.234238	0.166667	-6.3125	0	
49	N49	-0.234238	0	-6.3125	0	
50	N50	-1.074652	0	3.555315	0	
51	N51	-3.503038	0.166667	-0.650772	0	
52	N52	-1.187933	0.166667	3.359106	0	
53	N53	-2.345485	0	1.354167	0	
54	N54	-5.538954	0	3.197917	0	
55	N55	-3.503038	0	-0.650772	0	
56	N56	-1.187933	0	3.359106	0	
57	N57	-3.616319	0	-0.846981	0	
58	N58	-2.262152	0	1.498504	0	
59	N59	-2.428819	0	1.209829	0	
60	N60	-1.264095	0	3.66469	0	
61	N61	-3.805762	0	-0.737606	0	
62	N62	-3.889095	0	-0.593269	0	
63	N63	-5.740777	0	2.654396	0	
64	N64	-1.430762	0	3.66469	0	
65	N65	-5.169162	0	3.644461	0	
66	N66	-4.015391	0	-0.666185	0	
67	N67	-1.430762	0	3.810523	0	
68	N68	-5.281142	0	3.644461	0	
69	N69	-5.796767	0	2.751372	0	
70	N70	-5.884591	0	2.571364	0	
71	N71	-5.169162	0	3.810523	0	
72	N72	-5.466785	0	3.15625	0	
73	N73	-5.583904	0.166667	2.953394	0	
74	N74	-5.583904	0	2.953394	0	
75	N75	-5.349667	0.166667	3.359106	0	
76	N76	-5.349667	0	3.359106	0	
77	N77	3.616319	0	-0.846981	0	
78	N78	1.187933	0.166667	3.359106	0	
79	N79	3.503038	0.166667	-0.650772	0	
80	N80	2.345485	0	1.354167	0	
81	N81	5.538954	0	3.197917	0	
82	N82	1.187933	0	3.359106	0	
83	N83	3.503038	0	-0.650772	0	
84	N84	1.074652	0	3.555315	0	
85	N85	2.428819	0	1.209829	0	
86	N86	2.262152	0	1.498504	0	
87	N87	3.805762	0	-0.737606	0	
88	N88	1.264095	0	3.66469	0	
89	N89	1.430762	0	3.66469	0	
90	N90	5.169162	0	3.644461	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Di...
91	N91	3.889095	0	-0.593269	0	
92	N92	5.740777	0	2.654396	0	
93	N93	1.430762	0	3.810523	0	
94	N94	4.015391	0	-0.666186	0	
95	N95	5.796767	0	2.751372	0	
96	N96	5.281142	0	3.644461	0	
97	N97	5.169162	0	3.810523	0	
98	N98	5.884591	0	2.571364	0	
99	N99	5.466785	0	3.15625	0	
100	N100	5.349667	0.166667	3.359106	0	
101	N101	5.349667	0	3.359106	0	
102	N102	5.583904	0.166667	2.953394	0	
103	N103	5.583904	0	2.953394	0	
104	N104	0.17501	0	-7.31792	0	
105	N105	6.42501	0	3.507397	0	
106	N106	-6.42501	0	3.507397	0	
107	N107	-0.17501	0	-7.31792	0	
108	N108	0.341677	0	-7.029245	0	
109	N109	0.558183	0	-7.154245	0	
110	N110	6.17501	0	3.074384	0	
111	N111	6.391516	0	2.949384	0	
112	N112	2.258343	0	-3.709481	0	
113	N113	2.47485	0	-3.834481	0	
114	N114	4.17501	0	-0.389717	0	
115	N115	4.391516	0	-0.514717	0	
116	N116	4.391516	-1.25	-0.514717	0	
117	N117	4.391516	6.75	-0.514717	0	
118	N118	6.391516	-1.25	2.949384	0	
119	N119	6.391516	6.75	2.949384	0	
120	N120	2.47485	-1.25	-3.834481	0	
121	N121	2.47485	6.75	-3.834481	0	
122	N122	0.558183	-1.25	-7.154245	0	
123	N123	0.558183	6.75	-7.154245	0	
124	N124	-6.258343	0	3.218722	0	
125	N125	-6.47485	0	3.093722	0	
126	N126	-0.42501	0	-6.884908	0	
127	N127	-0.641516	0	-7.009908	0	
128	N128	-4.341677	0	-0.101042	0	
129	N129	-4.558183	0	-0.226042	0	
130	N130	-2.42501	0	-3.420806	0	
131	N131	-2.641516	0	-3.545806	0	
132	N132	-2.641516	-1.25	-3.545806	0	
133	N133	-2.641516	6.75	-3.545806	0	
134	N134	-0.641516	-1.25	-7.009908	0	
135	N135	-0.641516	6.75	-7.009908	0	
136	N136	-4.558183	-1.25	-0.226042	0	
137	N137	-4.558183	6.75	-0.226042	0	
138	N138	-6.47485	-1.25	3.093722	0	
139	N139	-6.47485	6.75	3.093722	0	
140	N140	6.25	3.5	3.810523	0	
141	N141	-6.25	3.5	3.810523	0	
142	N142	5.916667	3.5	3.810523	0	
143	N143	5.916667	3.5	4.060523	0	
144	N144	-5.75	3.5	3.810523	0	
145	N145	-5.75	3.5	4.060523	0	
146	N146	2.083333	3.5	3.810523	0	
147	N147	2.083333	3.5	4.060523	0	
148	N148	-1.75	3.5	3.810523	0	
149	N149	-1.75	3.5	4.060523	0	
150	N150	-5	3.5	3.810523	0	
151	N151	-5	3.5	3.643857	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Di...
152	N152	5	3.5	3.810523	0	
153	N153	5	3.5	3.643857	0	
154	N154	0.17501	3.5	-7.31792	0	
155	N155	6.42501	3.5	3.507397	0	
156	N156	0.341677	3.5	-7.029245	0	
157	N157	0.558183	3.5	-7.154245	0	
158	N158	6.17501	3.5	3.074384	0	
159	N159	6.391516	3.5	2.949384	0	
160	N160	2.258343	3.5	-3.709481	0	
161	N161	2.47485	3.5	-3.834481	0	
162	N162	4.17501	3.5	-0.389717	0	
163	N163	4.391516	3.5	-0.514717	0	
164	N164	5.80001	3.5	2.424865	0	
165	N165	5.655672	3.5	2.508199	0	
166	N166	0.80001	3.5	-6.235389	0	
167	N167	0.655672	3.5	-6.152055	0	
168	N168	-6.42501	3.5	3.507397	0	
169	N169	-0.17501	3.5	-7.31792	0	
170	N170	-6.258343	3.5	3.218722	0	
171	N171	-6.47485	3.5	3.093722	0	
172	N172	-0.42501	3.5	-6.884908	0	
173	N173	-0.641516	3.5	-7.009908	0	
174	N174	-4.341677	3.5	-0.101042	0	
175	N175	-4.558183	3.5	-0.226042	0	
176	N176	-2.42501	3.5	-3.420806	0	
177	N177	-2.641516	3.5	-3.545806	0	
178	N178	-0.80001	3.5	-6.235389	0	
179	N179	-0.655672	3.5	-6.152055	0	
180	N180	-5.80001	3.5	2.424865	0	
181	N181	-5.655672	3.5	2.508199	0	
182	N182	0	0	-2.041667	0	
183	N183	.25	0	-2.041667	0	
184	N184	.25	3	-2.041667	0	
185	N185	.25	-1	-2.041667	0	
186	N186	0	0	-4.708333	0	
187	N187	0	-3	-1.208333	0	
188	N188	-4.077536	0	2.354167	0	
189	N189	-1.046447	-3	0.604167	0	
190	N190	4.077536	0	2.354167	0	
191	N191	1.046447	-3	0.604167	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	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmember	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail Corner	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
10	Kicker	LL2.5x2.5x3x0	Beam	Double Angle (3/..	A36 Gr.36	Typical	1.8	1.91	1.07	.023

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

Hot Rolled Steel Properties (Continued)

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
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 Jo...	Ro...	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N5	N6			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N2	N27			Standoff Horizontal	Beam	SquareTube	A500 Gr.B ...	Typical
3	M10	N30	N32			Platform Crossmember	Beam	SquareTube	A500 Gr.B ...	Typical
4	M19	N10	N11			RIGID	None	None	RIGID	Typical
5	M20	N12	N13			RIGID	None	None	RIGID	Typical
6	M21	N14	N15			RIGID	None	None	RIGID	Typical
7	M22	N16	N17			RIGID	None	None	RIGID	Typical
8	MP3A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP4A	N21	N20			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N25	N24			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	M43	N31	N7			Platform Crossmember	Beam	SquareTube	A500 Gr.B ...	Typical
13	M46	N41	N42			Corner Plate	Beam	BAR	A36 Gr.36	Typical
14	M35A	N9	N29			RIGID	None	None	RIGID	Typical
15	M36A	N8	N28			RIGID	None	None	RIGID	Typical
16	M51B	N46	N8			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
17	M52B	N9	N48			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
18	M52	N48	N49			RIGID	None	None	RIGID	Typical
19	M58	N31	N26			RIGID	None	None	RIGID	Typical
20	M59	N26	N32			RIGID	None	None	RIGID	Typical
21	M76	N30	N34			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
22	M77	N34	N35			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
23	M79	N35	N39			RIGID	None	None	RIGID	Typical
24	M80	N42	N36			Corner Plate	Beam	BAR	A36 Gr.36	Typical
25	M83	N36	N43			RIGID	None	None	RIGID	Typical
26	M84	N7	N33			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
27	M85	N33	N37			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M88	N37	N40			RIGID	None	None	RIGID	Typical
29	M91	N41	N38			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M92	N38	N44			RIGID	None	None	RIGID	Typical
31	M50	N49	N45			RIGID	None	None	RIGID	Typical
32	M51	N45	N47			RIGID	None	None	RIGID	Typical
33	M51A	N46	N47			RIGID	None	None	RIGID	Typical
34	M52A	N3	N54			Standoff Horizontal	Beam	SquareTube	A500 Gr.B ...	Typical
35	M53	N57	N59			Platform Crossmember	Beam	SquareTube	A500 Gr.B ...	Typical
36	M54	N58	N50			Platform Crossmember	Beam	SquareTube	A500 Gr.B ...	Typical
37	M55	N68	N69			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M56	N52	N56			RIGID	None	None	RIGID	Typical
39	M57	N51	N55			RIGID	None	None	RIGID	Typical
40	M58A	N73	N51			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M59A	N52	N75			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M60	N75	N76			RIGID	None	None	RIGID	Typical
43	M61	N58	N53			RIGID	None	None	RIGID	Typical
44	M62	N53	N59			RIGID	None	None	RIGID	Typical
45	M63	N57	N61			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M64	N61	N62			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M65	N62	N66			RIGID	None	None	RIGID	Typical
48	M66	N69	N63			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M67	N63	N70			RIGID	None	None	RIGID	Typical
50	M68	N50	N60			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M69	N60	N64			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Jo...	Ro...	Section/Shape	Type	Design List	Material	Design Rules
52	M70	N64	N67			RIGID	None	None	RIGID	Typical
53	M71	N68	N65			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M72	N65	N71			RIGID	None	None	RIGID	Typical
55	M73	N76	N72			RIGID	None	None	RIGID	Typical
56	M74	N72	N74			RIGID	None	None	RIGID	Typical
57	M75	N73	N74			RIGID	None	None	RIGID	Typical
58	M76A	N4	N81			Standoff Horizontal	Beam	SquareTube	A500 Gr.B ...	Typical
59	M77A	N84	N86			Platform Crossmember	Beam	SquareTube	A500 Gr.B ...	Typical
60	M78	N85	N77			Platform Crossmember	Beam	SquareTube	A500 Gr.B ...	Typical
61	M79A	N95	N96			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M80A	N79	N83			RIGID	None	None	RIGID	Typical
63	M81	N78	N82			RIGID	None	None	RIGID	Typical
64	M82	N100	N78			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M83A	N79	N102			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M84A	N102	N103			RIGID	None	None	RIGID	Typical
67	M85A	N85	N80			RIGID	None	None	RIGID	Typical
68	M86	N80	N86			RIGID	None	None	RIGID	Typical
69	M87	N84	N88			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M88A	N88	N89			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M89	N89	N93			RIGID	None	None	RIGID	Typical
72	M90	N96	N90			Corner Plate	Beam	BAR	A36 Gr.36	Typical
73	M91A	N90	N97			RIGID	None	None	RIGID	Typical
74	M92A	N77	N87			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
75	M93	N87	N91			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M94	N91	N94			RIGID	None	None	RIGID	Typical
77	M95	N95	N92			Corner Plate	Beam	BAR	A36 Gr.36	Typical
78	M96	N92	N98			RIGID	None	None	RIGID	Typical
79	M97	N103	N99			RIGID	None	None	RIGID	Typical
80	M98	N99	N101			RIGID	None	None	RIGID	Typical
81	M99	N100	N101			RIGID	None	None	RIGID	Typical
82	M82A	N104	N105			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
83	M91B	N106	N107			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
84	M84B	N108	N109			RIGID	None	None	RIGID	Typical
85	M85B	N110	N111			RIGID	None	None	RIGID	Typical
86	M86A	N112	N113			RIGID	None	None	RIGID	Typical
87	M87A	N114	N115			RIGID	None	None	RIGID	Typical
88	MP3C	N117	N116			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP4C	N119	N118			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP2C	N121	N120			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP1C	N123	N122			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M92B	N124	N125			RIGID	None	None	RIGID	Typical
93	M93A	N126	N127			RIGID	None	None	RIGID	Typical
94	M94A	N128	N129			RIGID	None	None	RIGID	Typical
95	M95A	N130	N131			RIGID	None	None	RIGID	Typical
96	MP3B	N133	N132			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	MP4B	N135	N134			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	MP2B	N137	N136			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
99	MP1B	N139	N138			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N140	N141			Support Rail	Beam	Pipe	A53 Gr.B	Typical
101	M101	N142	N143			RIGID	None	None	RIGID	Typical
102	M102	N144	N145			RIGID	None	None	RIGID	Typical
103	M103	N146	N147			RIGID	None	None	RIGID	Typical
104	M104	N148	N149			RIGID	None	None	RIGID	Typical
105	M105	N150	N151			RIGID	None	None	RIGID	Typical
106	M106	N152	N153			RIGID	None	None	RIGID	Typical
107	M107	N154	N155			Support Rail	Beam	Pipe	A53 Gr.B	Typical
108	M108	N156	N157			RIGID	None	None	RIGID	Typical
109	M109	N158	N159			RIGID	None	None	RIGID	Typical
110	M110	N160	N161			RIGID	None	None	RIGID	Typical
111	M111	N162	N163			RIGID	None	None	RIGID	Typical
112	M112	N164	N165			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Jo...	Ro...	Section/Shape	Type	Design List	Material	Design Rules
113	M113	N166	N167			RIGID	None	None	RIGID	Typical
114	M114	N168	N169			Support Rail	Beam	Pipe	A53 Gr.B	Typical
115	M115	N170	N171			RIGID	None	None	RIGID	Typical
116	M116	N172	N173			RIGID	None	None	RIGID	Typical
117	M117	N174	N175			RIGID	None	None	RIGID	Typical
118	M118	N176	N177			RIGID	None	None	RIGID	Typical
119	M119	N178	N179			RIGID	None	None	RIGID	Typical
120	M120	N180	N181			RIGID	None	None	RIGID	Typical
121	M121	N151	N181		180	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
122	M122	N179	N167		180	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
123	M123	N165	N153		180	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
124	M124	N182	N183			RIGID	None	None	RIGID	Typical
125	OVP	N184	N185			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
126	M126	N186	N187			Kicker	Beam	Double Angle (3...	A36 Gr.36	Typical
127	M127	N188	N189			Kicker	Beam	Double Angle (3...	A36 Gr.36	Typical
128	M128	N190	N191			Kicker	Beam	Double Angle (3...	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	M20						Yes	** NA **			None
6	M21						Yes	** NA **			None
7	M22						Yes	** NA **			None
8	MP3A						Yes	** NA **			None
9	MP4A						Yes	** NA **			None
10	MP2A						Yes	** NA **			None
11	MP1A						Yes	** NA **			None
12	M43						Yes	Default			None
13	M46						Yes	Default			None
14	M35A						Yes	** NA **			None
15	M36A						Yes	** NA **			None
16	M51B	OOOOOX	OOOOOX				Yes	Default			None
17	M52B	OOOOOX	OOOOOX				Yes	Default			None
18	M52						Yes	** NA **			None
19	M58						Yes	** NA **			None
20	M59						Yes	** NA **			None
21	M76						Yes	** NA **			None
22	M77						Yes	** NA **			None
23	M79		BenPIN				Yes	** NA **			None
24	M80						Yes				None
25	M83		BenPIN				Yes	** NA **			None
26	M84						Yes	** NA **			None
27	M85						Yes	** NA **			None
28	M88		BenPIN				Yes	** NA **			None
29	M91						Yes				None
30	M92		BenPIN				Yes	** NA **			None
31	M50						Yes	** NA **			None
32	M51						Yes	** NA **			None
33	M51A						Yes	** NA **			None
34	M52A						Yes				None
35	M53						Yes	Default			None
36	M54						Yes	Default			None
37	M55						Yes	Default			None
38	M56						Yes	** NA **			None
39	M57						Yes	** NA **			None
40	M58A	OOOOOX	OOOOOX				Yes	Default			None
41	M59A	OOOOOX	OOOOOX				Yes	Default			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
42	M60						Yes	** NA **			None
43	M61						Yes	** NA **			None
44	M62						Yes	** NA **			None
45	M63						Yes	** NA **			None
46	M64						Yes	** NA **			None
47	M65		BenPIN				Yes	** NA **			None
48	M66						Yes				None
49	M67		BenPIN				Yes	** NA **			None
50	M68						Yes	** NA **			None
51	M69						Yes	** NA **			None
52	M70		BenPIN				Yes	** NA **			None
53	M71						Yes				None
54	M72		BenPIN				Yes	** NA **			None
55	M73						Yes	** NA **			None
56	M74						Yes	** NA **			None
57	M75						Yes	** NA **			None
58	M76A						Yes				None
59	M77A						Yes	Default			None
60	M78						Yes	Default			None
61	M79A						Yes	Default			None
62	M80A						Yes	** NA **			None
63	M81						Yes	** NA **			None
64	M82	OOOOOX	OOOOOX				Yes	Default			None
65	M83A	OOOOOX	OOOOOX				Yes	Default			None
66	M84A						Yes	** NA **			None
67	M85A						Yes	** NA **			None
68	M86						Yes	** NA **			None
69	M87						Yes	** NA **			None
70	M88A						Yes	** NA **			None
71	M89		BenPIN				Yes	** NA **			None
72	M90						Yes				None
73	M91A		BenPIN				Yes	** NA **			None
74	M92A						Yes	** NA **			None
75	M93						Yes	** NA **			None
76	M94		BenPIN				Yes	** NA **			None
77	M95						Yes				None
78	M96		BenPIN				Yes	** NA **			None
79	M97						Yes	** NA **			None
80	M98						Yes	** NA **			None
81	M99						Yes	** NA **			None
82	M82A						Yes	Default			None
83	M91B						Yes	Default			None
84	M84B						Yes	** NA **			None
85	M85B						Yes	** NA **			None
86	M86A						Yes	** NA **			None
87	M87A						Yes	** NA **			None
88	MP3C						Yes	** NA **			None
89	MP4C						Yes	** NA **			None
90	MP2C						Yes	** NA **			None
91	MP1C						Yes	** NA **			None
92	M92B						Yes	** NA **			None
93	M93A						Yes	** NA **			None
94	M94A						Yes	** NA **			None
95	M95A						Yes	** NA **			None
96	MP3B						Yes	** NA **			None
97	MP4B						Yes	** NA **			None
98	MP2B						Yes	** NA **			None
99	MP1B						Yes	** NA **			None
100	M100						Yes	Default			None
101	M101						Yes	** NA **			None
102	M102						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105	OOOOOX					Yes	** NA **			None
106	M106	OOOOOX					Yes	** NA **			None
107	M107						Yes	Default			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112	OOOOOX					Yes	** NA **			None
113	M113	OOOOOX					Yes	** NA **			None
114	M114						Yes	Default			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	M119	OOOOOX					Yes	** NA **			None
120	M120	OOOOOX					Yes	** NA **			None
121	M121						Yes				None
122	M122						Yes				None
123	M123						Yes				None
124	M124						Yes	** NA **			None
125	OVP						Yes	** NA **			None
126	M126	BenPIN	BenPIN				Yes				None
127	M127	BenPIN	BenPIN				Yes				None
128	M128	BenPIN	BenPIN				Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	Y	-10	2
2	MP1C	My	0	2
3	MP1C	Mz	.005	2
4	MP1C	Y	-10	5.5
5	MP1C	My	0	5.5
6	MP1C	Mz	.005	5.5
7	MP4C	Y	-10	2
8	MP4C	My	0	2
9	MP4C	Mz	.005	2
10	MP4C	Y	-10	5.5
11	MP4C	My	0	5.5
12	MP4C	Mz	.005	5.5
13	MP1A	Y	-6	2
14	MP1A	My	-.003	2
15	MP1A	Mz	0	2
16	MP1A	Y	-6	5.5
17	MP1A	My	-.003	5.5
18	MP1A	Mz	0	5.5
19	MP1B	Y	-6	2
20	MP1B	My	.003	2
21	MP1B	Mz	-.002	2
22	MP1B	Y	-6	5.5
23	MP1B	My	.003	5.5
24	MP1B	Mz	-.002	5.5
25	MP4A	Y	-6	2
26	MP4A	My	-.003	2
27	MP4A	Mz	0	2
28	MP4A	Y	-6	5.5
29	MP4A	My	-.003	5.5
30	MP4A	Mz	0	5.5
31	MP4B	Y	-6	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP4B	My	.003	2
33	MP4B	Mz	-.002	2
34	MP4B	Y	-6	5.5
35	MP4B	My	.003	5.5
36	MP4B	Mz	-.002	5.5
37	MP2A	Y	-43.55	2.75
38	MP2A	My	-.022	2.75
39	MP2A	Mz	0	2.75
40	MP2A	Y	-43.55	4.75
41	MP2A	My	-.022	4.75
42	MP2A	Mz	0	4.75
43	MP2B	Y	-43.55	2.75
44	MP2B	My	.011	2.75
45	MP2B	Mz	-.019	2.75
46	MP2B	Y	-43.55	4.75
47	MP2B	My	.011	4.75
48	MP2B	Mz	-.019	4.75
49	MP2C	Y	-43.55	2.75
50	MP2C	My	.011	2.75
51	MP2C	Mz	.019	2.75
52	MP2C	Y	-43.55	4.75
53	MP2C	My	.011	4.75
54	MP2C	Mz	.019	4.75
55	MP3A	Y	-21.85	1.25
56	MP3A	My	-.011	1.25
57	MP3A	Mz	.013	1.25
58	MP3A	Y	-21.85	6.25
59	MP3A	My	-.011	6.25
60	MP3A	Mz	.013	6.25
61	MP3B	Y	-21.85	1.25
62	MP3B	My	-.006	1.25
63	MP3B	Mz	-.016	1.25
64	MP3B	Y	-21.85	6.25
65	MP3B	My	-.006	6.25
66	MP3B	Mz	-.016	6.25
67	MP3C	Y	-21.85	1.25
68	MP3C	My	.017	1.25
69	MP3C	Mz	.003	1.25
70	MP3C	Y	-21.85	6.25
71	MP3C	My	.017	6.25
72	MP3C	Mz	.003	6.25
73	MP3A	Y	-38.7	1.25
74	MP3A	My	-.019	1.25
75	MP3A	Mz	-.023	1.25
76	MP3A	Y	-38.7	6.25
77	MP3A	My	-.019	6.25
78	MP3A	Mz	-.023	6.25
79	MP3B	Y	-38.7	1.25
80	MP3B	My	.03	1.25
81	MP3B	Mz	-.000312	1.25
82	MP3B	Y	-38.7	6.25
83	MP3B	My	.03	6.25
84	MP3B	Mz	-.000312	6.25
85	MP3C	Y	-38.7	1.25
86	MP3C	My	-.015	1.25
87	MP3C	Mz	.026	1.25
88	MP3C	Y	-38.7	6.25
89	MP3C	My	-.015	6.25
90	MP3C	Mz	.026	6.25
91	MP3A	Y	-84.4	3.75
92	MP3A	My	.028	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP3A	Mz	0	3.75
94	MP3B	Y	-84.4	3.75
95	MP3B	My	-.014	3.75
96	MP3B	Mz	.024	3.75
97	MP3C	Y	-84.4	3.75
98	MP3C	My	-.014	3.75
99	MP3C	Mz	-.024	3.75
100	MP2A	Y	-70.3	3.75
101	MP2A	My	.023	3.75
102	MP2A	Mz	0	3.75
103	MP2B	Y	-70.3	3.75
104	MP2B	My	-.012	3.75
105	MP2B	Mz	.02	3.75
106	MP2C	Y	-70.3	3.75
107	MP2C	My	-.012	3.75
108	MP2C	Mz	-.02	3.75
109	MP3A	Y	-18.7	.5
110	MP3A	My	.006	.5
111	MP3A	Mz	0	.5
112	MP3B	Y	-18.7	.5
113	MP3B	My	-.003	.5
114	MP3B	Mz	.005	.5
115	MP3C	Y	-18.7	.5
116	MP3C	My	-.003	.5
117	MP3C	Mz	-.005	.5
118	OVP	Y	-32	2
119	OVP	My	.011	2
120	OVP	Mz	0	2

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	Y	-95.228	2
2	MP1C	My	0	2
3	MP1C	Mz	.048	2
4	MP1C	Y	-95.228	5.5
5	MP1C	My	0	5.5
6	MP1C	Mz	.048	5.5
7	MP4C	Y	-95.228	2
8	MP4C	My	0	2
9	MP4C	Mz	.048	2
10	MP4C	Y	-95.228	5.5
11	MP4C	My	0	5.5
12	MP4C	Mz	.048	5.5
13	MP1A	Y	-61.903	2
14	MP1A	My	-.031	2
15	MP1A	Mz	0	2
16	MP1A	Y	-61.903	5.5
17	MP1A	My	-.031	5.5
18	MP1A	Mz	0	5.5
19	MP1B	Y	-61.903	2
20	MP1B	My	.027	2
21	MP1B	Mz	-.015	2
22	MP1B	Y	-61.903	5.5
23	MP1B	My	.027	5.5
24	MP1B	Mz	-.015	5.5
25	MP4A	Y	-61.903	2
26	MP4A	My	-.031	2
27	MP4A	Mz	0	2
28	MP4A	Y	-61.903	5.5
29	MP4A	My	-.031	5.5
30	MP4A	Mz	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP4B	Y	-61.903	2
32	MP4B	My	.027	2
33	MP4B	Mz	-.015	2
34	MP4B	Y	-61.903	5.5
35	MP4B	My	.027	5.5
36	MP4B	Mz	-.015	5.5
37	MP2A	Y	-54.659	2.75
38	MP2A	My	-.027	2.75
39	MP2A	Mz	0	2.75
40	MP2A	Y	-54.659	4.75
41	MP2A	My	-.027	4.75
42	MP2A	Mz	0	4.75
43	MP2B	Y	-54.659	2.75
44	MP2B	My	.014	2.75
45	MP2B	Mz	-.024	2.75
46	MP2B	Y	-54.659	4.75
47	MP2B	My	.014	4.75
48	MP2B	Mz	-.024	4.75
49	MP2C	Y	-54.659	2.75
50	MP2C	My	.014	2.75
51	MP2C	Mz	.024	2.75
52	MP2C	Y	-54.659	4.75
53	MP2C	My	.014	4.75
54	MP2C	Mz	.024	4.75
55	MP3A	Y	-92.631	1.25
56	MP3A	My	-.046	1.25
57	MP3A	Mz	.054	1.25
58	MP3A	Y	-92.631	6.25
59	MP3A	My	-.046	6.25
60	MP3A	Mz	.054	6.25
61	MP3B	Y	-92.631	1.25
62	MP3B	My	-.024	1.25
63	MP3B	Mz	-.067	1.25
64	MP3B	Y	-92.631	6.25
65	MP3B	My	-.024	6.25
66	MP3B	Mz	-.067	6.25
67	MP3C	Y	-92.631	1.25
68	MP3C	My	.07	1.25
69	MP3C	Mz	.013	1.25
70	MP3C	Y	-92.631	6.25
71	MP3C	My	.07	6.25
72	MP3C	Mz	.013	6.25
73	MP3A	Y	-92.631	1.25
74	MP3A	My	-.046	1.25
75	MP3A	Mz	-.054	1.25
76	MP3A	Y	-92.631	6.25
77	MP3A	My	-.046	6.25
78	MP3A	Mz	-.054	6.25
79	MP3B	Y	-92.631	1.25
80	MP3B	My	.071	1.25
81	MP3B	Mz	-.000747	1.25
82	MP3B	Y	-92.631	6.25
83	MP3B	My	.071	6.25
84	MP3B	Mz	-.000747	6.25
85	MP3C	Y	-92.631	1.25
86	MP3C	My	-.035	1.25
87	MP3C	Mz	.062	1.25
88	MP3C	Y	-92.631	6.25
89	MP3C	My	-.035	6.25
90	MP3C	Mz	.062	6.25
91	MP3A	Y	-69.424	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP3A	My	.023	3.75
93	MP3A	Mz	0	3.75
94	MP3B	Y	-69.424	3.75
95	MP3B	My	-.012	3.75
96	MP3B	Mz	.02	3.75
97	MP3C	Y	-69.424	3.75
98	MP3C	My	-.012	3.75
99	MP3C	Mz	-.02	3.75
100	MP2A	Y	-62.661	3.75
101	MP2A	My	.021	3.75
102	MP2A	Mz	0	3.75
103	MP2B	Y	-62.661	3.75
104	MP2B	My	-.01	3.75
105	MP2B	Mz	.018	3.75
106	MP2C	Y	-62.661	3.75
107	MP2C	My	-.01	3.75
108	MP2C	Mz	-.018	3.75
109	MP3A	Y	-31.682	.5
110	MP3A	My	.011	.5
111	MP3A	Mz	0	.5
112	MP3B	Y	-31.682	.5
113	MP3B	My	-.005	.5
114	MP3B	Mz	.009	.5
115	MP3C	Y	-31.682	.5
116	MP3C	My	-.005	.5
117	MP3C	Mz	-.009	.5
118	OVP	Y	-116.041	2
119	OVP	My	.039	2
120	OVP	Mz	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	0	2
2	MP1C	Z	-102.804	2
3	MP1C	Mx	-.051	2
4	MP1C	X	0	5.5
5	MP1C	Z	-102.804	5.5
6	MP1C	Mx	-.051	5.5
7	MP4C	X	0	2
8	MP4C	Z	-102.804	2
9	MP4C	Mx	-.051	2
10	MP4C	X	0	5.5
11	MP4C	Z	-102.804	5.5
12	MP4C	Mx	-.051	5.5
13	MP1A	X	0	2
14	MP1A	Z	-49.792	2
15	MP1A	Mx	0	2
16	MP1A	X	0	5.5
17	MP1A	Z	-49.792	5.5
18	MP1A	Mx	0	5.5
19	MP1B	X	0	2
20	MP1B	Z	-63.093	2
21	MP1B	Mx	.016	2
22	MP1B	X	0	5.5
23	MP1B	Z	-63.093	5.5
24	MP1B	Mx	.016	5.5
25	MP4A	X	0	2
26	MP4A	Z	-49.792	2
27	MP4A	Mx	0	2
28	MP4A	X	0	5.5
29	MP4A	Z	-49.792	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP4A	Mx	0	5.5
31	MP4B	X	0	2
32	MP4B	Z	-63.093	2
33	MP4B	Mx	.016	2
34	MP4B	X	0	5.5
35	MP4B	Z	-63.093	5.5
36	MP4B	Mx	.016	5.5
37	MP2A	X	0	2.75
38	MP2A	Z	-89.663	2.75
39	MP2A	Mx	0	2.75
40	MP2A	X	0	4.75
41	MP2A	Z	-89.663	4.75
42	MP2A	Mx	0	4.75
43	MP2B	X	0	2.75
44	MP2B	Z	-48.743	2.75
45	MP2B	Mx	.021	2.75
46	MP2B	X	0	4.75
47	MP2B	Z	-48.743	4.75
48	MP2B	Mx	.021	4.75
49	MP2C	X	0	2.75
50	MP2C	Z	-48.743	2.75
51	MP2C	Mx	-.021	2.75
52	MP2C	X	0	4.75
53	MP2C	Z	-48.743	4.75
54	MP2C	Mx	-.021	4.75
55	MP3A	X	0	1.25
56	MP3A	Z	-154.145	1.25
57	MP3A	Mx	-.09	1.25
58	MP3A	X	0	6.25
59	MP3A	Z	-154.145	6.25
60	MP3A	Mx	-.09	6.25
61	MP3B	X	0	1.25
62	MP3B	Z	-114.965	1.25
63	MP3B	Mx	.083	1.25
64	MP3B	X	0	6.25
65	MP3B	Z	-114.965	6.25
66	MP3B	Mx	.083	6.25
67	MP3C	X	0	1.25
68	MP3C	Z	-114.965	1.25
69	MP3C	Mx	-.016	1.25
70	MP3C	X	0	6.25
71	MP3C	Z	-114.965	6.25
72	MP3C	Mx	-.016	6.25
73	MP3A	X	0	1.25
74	MP3A	Z	-153.572	1.25
75	MP3A	Mx	.09	1.25
76	MP3A	X	0	6.25
77	MP3A	Z	-153.572	6.25
78	MP3A	Mx	.09	6.25
79	MP3B	X	0	1.25
80	MP3B	Z	-123.252	1.25
81	MP3B	Mx	.000994	1.25
82	MP3B	X	0	6.25
83	MP3B	Z	-123.252	6.25
84	MP3B	Mx	.000994	6.25
85	MP3C	X	0	1.25
86	MP3C	Z	-107.949	1.25
87	MP3C	Mx	-.072	1.25
88	MP3C	X	0	6.25
89	MP3C	Z	-107.949	6.25
90	MP3C	Mx	-.072	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP3A	X	0	3.75
92	MP3A	Z	-71.349	3.75
93	MP3A	Mx	0	3.75
94	MP3B	X	0	3.75
95	MP3B	Z	-53.607	3.75
96	MP3B	Mx	-.015	3.75
97	MP3C	X	0	3.75
98	MP3C	Z	-53.607	3.75
99	MP3C	Mx	.015	3.75
100	MP2A	X	0	3.75
101	MP2A	Z	-71.349	3.75
102	MP2A	Mx	0	3.75
103	MP2B	X	0	3.75
104	MP2B	Z	-46.811	3.75
105	MP2B	Mx	-.014	3.75
106	MP2C	X	0	3.75
107	MP2C	Z	-46.811	3.75
108	MP2C	Mx	.014	3.75
109	MP3A	X	0	.5
110	MP3A	Z	-38.155	.5
111	MP3A	Mx	0	.5
112	MP3B	X	0	.5
113	MP3B	Z	-23.878	.5
114	MP3B	Mx	-.007	.5
115	MP3C	X	0	.5
116	MP3C	Z	-23.878	.5
117	MP3C	Mx	.007	.5
118	OVP	X	0	2
119	OVP	Z	-144.606	2
120	OVP	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	53.217	2
2	MP1C	Z	-92.175	2
3	MP1C	Mx	-.046	2
4	MP1C	X	53.217	5.5
5	MP1C	Z	-92.175	5.5
6	MP1C	Mx	-.046	5.5
7	MP4C	X	53.217	2
8	MP4C	Z	-92.175	2
9	MP4C	Mx	-.046	2
10	MP4C	X	53.217	5.5
11	MP4C	Z	-92.175	5.5
12	MP4C	Mx	-.046	5.5
13	MP1A	X	31.546	2
14	MP1A	Z	-54.64	2
15	MP1A	Mx	-.016	2
16	MP1A	X	31.546	5.5
17	MP1A	Z	-54.64	5.5
18	MP1A	Mx	-.016	5.5
19	MP1B	X	44.847	2
20	MP1B	Z	-77.678	2
21	MP1B	Mx	.039	2
22	MP1B	X	44.847	5.5
23	MP1B	Z	-77.678	5.5
24	MP1B	Mx	.039	5.5
25	MP4A	X	31.546	2
26	MP4A	Z	-54.64	2
27	MP4A	Mx	-.016	2
28	MP4A	X	31.546	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP4A	Z	-54.64	5.5
30	MP4A	Mx	-.016	5.5
31	MP4B	X	44.847	2
32	MP4B	Z	-77.678	2
33	MP4B	Mx	.039	2
34	MP4B	X	44.847	5.5
35	MP4B	Z	-77.678	5.5
36	MP4B	Mx	.039	5.5
37	MP2A	X	38.012	2.75
38	MP2A	Z	-65.838	2.75
39	MP2A	Mx	-.019	2.75
40	MP2A	X	38.012	4.75
41	MP2A	Z	-65.838	4.75
42	MP2A	Mx	-.019	4.75
43	MP2B	X	17.552	2.75
44	MP2B	Z	-30.4	2.75
45	MP2B	Mx	.018	2.75
46	MP2B	X	17.552	4.75
47	MP2B	Z	-30.4	4.75
48	MP2B	Mx	.018	4.75
49	MP2C	X	38.012	2.75
50	MP2C	Z	-65.838	2.75
51	MP2C	Mx	-.019	2.75
52	MP2C	X	38.012	4.75
53	MP2C	Z	-65.838	4.75
54	MP2C	Mx	-.019	4.75
55	MP3A	X	70.542	1.25
56	MP3A	Z	-122.183	1.25
57	MP3A	Mx	-.107	1.25
58	MP3A	X	70.542	6.25
59	MP3A	Z	-122.183	6.25
60	MP3A	Mx	-.107	6.25
61	MP3B	X	50.952	1.25
62	MP3B	Z	-88.252	1.25
63	MP3B	Mx	.051	1.25
64	MP3B	X	50.952	6.25
65	MP3B	Z	-88.252	6.25
66	MP3B	Mx	.051	6.25
67	MP3C	X	70.542	1.25
68	MP3C	Z	-122.183	1.25
69	MP3C	Mx	.036	1.25
70	MP3C	X	70.542	6.25
71	MP3C	Z	-122.183	6.25
72	MP3C	Mx	.036	6.25
73	MP3A	X	70.328	1.25
74	MP3A	Z	-121.811	1.25
75	MP3A	Mx	.036	1.25
76	MP3A	X	70.328	6.25
77	MP3A	Z	-121.811	6.25
78	MP3A	Mx	.036	6.25
79	MP3B	X	51.731	1.25
80	MP3B	Z	-89.601	1.25
81	MP3B	Mx	.04	1.25
82	MP3B	X	51.731	6.25
83	MP3B	Z	-89.601	6.25
84	MP3B	Mx	.04	6.25
85	MP3C	X	66.112	1.25
86	MP3C	Z	-114.51	1.25
87	MP3C	Mx	-.102	1.25
88	MP3C	X	66.112	6.25
89	MP3C	Z	-114.51	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3C	Mx	-.102	6.25
91	MP3A	X	32.718	3.75
92	MP3A	Z	-56.669	3.75
93	MP3A	Mx	.011	3.75
94	MP3B	X	23.847	3.75
95	MP3B	Z	-41.304	3.75
96	MP3B	Mx	-.016	3.75
97	MP3C	X	32.718	3.75
98	MP3C	Z	-56.669	3.75
99	MP3C	Mx	.011	3.75
100	MP2A	X	31.585	3.75
101	MP2A	Z	-54.707	3.75
102	MP2A	Mx	.011	3.75
103	MP2B	X	19.316	3.75
104	MP2B	Z	-33.456	3.75
105	MP2B	Mx	-.013	3.75
106	MP2C	X	31.585	3.75
107	MP2C	Z	-54.707	3.75
108	MP2C	Mx	.011	3.75
109	MP3A	X	16.698	.5
110	MP3A	Z	-28.921	.5
111	MP3A	Mx	.006	.5
112	MP3B	X	9.559	.5
113	MP3B	Z	-16.557	.5
114	MP3B	Mx	-.006	.5
115	MP3C	X	16.698	.5
116	MP3C	Z	-28.921	.5
117	MP3C	Mx	.006	.5
118	OVP	X	66.192	2
119	OVP	Z	-114.648	2
120	OVP	Mx	.022	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	98.463	2
2	MP1C	Z	-56.848	2
3	MP1C	Mx	-.028	2
4	MP1C	X	98.463	5.5
5	MP1C	Z	-56.848	5.5
6	MP1C	Mx	-.028	5.5
7	MP4C	X	98.463	2
8	MP4C	Z	-56.848	2
9	MP4C	Mx	-.028	2
10	MP4C	X	98.463	5.5
11	MP4C	Z	-56.848	5.5
12	MP4C	Mx	-.028	5.5
13	MP1A	X	77.678	2
14	MP1A	Z	-44.847	2
15	MP1A	Mx	-.039	2
16	MP1A	X	77.678	5.5
17	MP1A	Z	-44.847	5.5
18	MP1A	Mx	-.039	5.5
19	MP1B	X	89.197	2
20	MP1B	Z	-51.498	2
21	MP1B	Mx	.051	2
22	MP1B	X	89.197	5.5
23	MP1B	Z	-51.498	5.5
24	MP1B	Mx	.051	5.5
25	MP4A	X	77.678	2
26	MP4A	Z	-44.847	2
27	MP4A	Mx	-.039	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4A	X	77.678	5.5
29	MP4A	Z	-44.847	5.5
30	MP4A	Mx	-.039	5.5
31	MP4B	X	89.197	2
32	MP4B	Z	-51.498	2
33	MP4B	Mx	.051	2
34	MP4B	X	89.197	5.5
35	MP4B	Z	-51.498	5.5
36	MP4B	Mx	.051	5.5
37	MP2A	X	42.213	2.75
38	MP2A	Z	-24.372	2.75
39	MP2A	Mx	-.021	2.75
40	MP2A	X	42.213	4.75
41	MP2A	Z	-24.372	4.75
42	MP2A	Mx	-.021	4.75
43	MP2B	X	42.213	2.75
44	MP2B	Z	-24.372	2.75
45	MP2B	Mx	.021	2.75
46	MP2B	X	42.213	4.75
47	MP2B	Z	-24.372	4.75
48	MP2B	Mx	.021	4.75
49	MP2C	X	77.651	2.75
50	MP2C	Z	-44.832	2.75
51	MP2C	Mx	0	2.75
52	MP2C	X	77.651	4.75
53	MP2C	Z	-44.832	4.75
54	MP2C	Mx	0	4.75
55	MP3A	X	99.562	1.25
56	MP3A	Z	-57.482	1.25
57	MP3A	Mx	-.083	1.25
58	MP3A	X	99.562	6.25
59	MP3A	Z	-57.482	6.25
60	MP3A	Mx	-.083	6.25
61	MP3B	X	99.562	1.25
62	MP3B	Z	-57.482	1.25
63	MP3B	Mx	.016	1.25
64	MP3B	X	99.562	6.25
65	MP3B	Z	-57.482	6.25
66	MP3B	Mx	.016	6.25
67	MP3C	X	133.493	1.25
68	MP3C	Z	-77.072	1.25
69	MP3C	Mx	.09	1.25
70	MP3C	X	133.493	6.25
71	MP3C	Z	-77.072	6.25
72	MP3C	Mx	.09	6.25
73	MP3A	X	99.438	1.25
74	MP3A	Z	-57.411	1.25
75	MP3A	Mx	-.016	1.25
76	MP3A	X	99.438	6.25
77	MP3A	Z	-57.411	6.25
78	MP3A	Mx	-.016	6.25
79	MP3B	X	93.486	1.25
80	MP3B	Z	-53.974	1.25
81	MP3B	Mx	.072	1.25
82	MP3B	X	93.486	6.25
83	MP3B	Z	-53.974	6.25
84	MP3B	Mx	.072	6.25
85	MP3C	X	131.648	1.25
86	MP3C	Z	-76.007	1.25
87	MP3C	Mx	-.101	1.25
88	MP3C	X	131.648	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP3C	Z	-76.007	6.25
90	MP3C	Mx	-.101	6.25
91	MP3A	X	46.425	3.75
92	MP3A	Z	-26.804	3.75
93	MP3A	Mx	.015	3.75
94	MP3B	X	46.425	3.75
95	MP3B	Z	-26.804	3.75
96	MP3B	Mx	-.015	3.75
97	MP3C	X	61.79	3.75
98	MP3C	Z	-35.675	3.75
99	MP3C	Mx	0	3.75
100	MP2A	X	40.539	3.75
101	MP2A	Z	-23.405	3.75
102	MP2A	Mx	.014	3.75
103	MP2B	X	40.539	3.75
104	MP2B	Z	-23.405	3.75
105	MP2B	Mx	-.014	3.75
106	MP2C	X	61.79	3.75
107	MP2C	Z	-35.675	3.75
108	MP2C	Mx	0	3.75
109	MP3A	X	20.679	.5
110	MP3A	Z	-11.939	.5
111	MP3A	Mx	.007	.5
112	MP3B	X	20.679	.5
113	MP3B	Z	-11.939	.5
114	MP3B	Mx	-.007	.5
115	MP3C	X	33.043	.5
116	MP3C	Z	-19.077	.5
117	MP3C	Mx	0	.5
118	OVP	X	93.479	2
119	OVP	Z	-53.97	2
120	OVP	Mx	.031	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	117.325	2
2	MP1C	Z	0	2
3	MP1C	Mx	0	2
4	MP1C	X	117.325	5.5
5	MP1C	Z	0	5.5
6	MP1C	Mx	0	5.5
7	MP4C	X	117.325	2
8	MP4C	Z	0	2
9	MP4C	Mx	0	2
10	MP4C	X	117.325	5.5
11	MP4C	Z	0	5.5
12	MP4C	Mx	0	5.5
13	MP1A	X	102.996	2
14	MP1A	Z	0	2
15	MP1A	Mx	-.051	2
16	MP1A	X	102.996	5.5
17	MP1A	Z	0	5.5
18	MP1A	Mx	-.051	5.5
19	MP1B	X	89.695	2
20	MP1B	Z	0	2
21	MP1B	Mx	.039	2
22	MP1B	X	89.695	5.5
23	MP1B	Z	0	5.5
24	MP1B	Mx	.039	5.5
25	MP4A	X	102.996	2
26	MP4A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP4A	Mx	-.051	2
28	MP4A	X	102.996	5.5
29	MP4A	Z	0	5.5
30	MP4A	Mx	-.051	5.5
31	MP4B	X	89.695	2
32	MP4B	Z	0	2
33	MP4B	Mx	.039	2
34	MP4B	X	89.695	5.5
35	MP4B	Z	0	5.5
36	MP4B	Mx	.039	5.5
37	MP2A	X	35.103	2.75
38	MP2A	Z	0	2.75
39	MP2A	Mx	-.018	2.75
40	MP2A	X	35.103	4.75
41	MP2A	Z	0	4.75
42	MP2A	Mx	-.018	4.75
43	MP2B	X	76.023	2.75
44	MP2B	Z	0	2.75
45	MP2B	Mx	.019	2.75
46	MP2B	X	76.023	4.75
47	MP2B	Z	0	4.75
48	MP2B	Mx	.019	4.75
49	MP2C	X	76.023	2.75
50	MP2C	Z	0	2.75
51	MP2C	Mx	.019	2.75
52	MP2C	X	76.023	4.75
53	MP2C	Z	0	4.75
54	MP2C	Mx	.019	4.75
55	MP3A	X	101.905	1.25
56	MP3A	Z	0	1.25
57	MP3A	Mx	-.051	1.25
58	MP3A	X	101.905	6.25
59	MP3A	Z	0	6.25
60	MP3A	Mx	-.051	6.25
61	MP3B	X	141.085	1.25
62	MP3B	Z	0	1.25
63	MP3B	Mx	-.036	1.25
64	MP3B	X	141.085	6.25
65	MP3B	Z	0	6.25
66	MP3B	Mx	-.036	6.25
67	MP3C	X	141.085	1.25
68	MP3C	Z	0	1.25
69	MP3C	Mx	.107	1.25
70	MP3C	X	141.085	6.25
71	MP3C	Z	0	6.25
72	MP3C	Mx	.107	6.25
73	MP3A	X	101.905	1.25
74	MP3A	Z	0	1.25
75	MP3A	Mx	-.051	1.25
76	MP3A	X	101.905	6.25
77	MP3A	Z	0	6.25
78	MP3A	Mx	-.051	6.25
79	MP3B	X	132.224	1.25
80	MP3B	Z	0	1.25
81	MP3B	Mx	.102	1.25
82	MP3B	X	132.224	6.25
83	MP3B	Z	0	6.25
84	MP3B	Mx	.102	6.25
85	MP3C	X	147.528	1.25
86	MP3C	Z	0	1.25
87	MP3C	Mx	-.056	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3C	X	147.528	6.25
89	MP3C	Z	0	6.25
90	MP3C	Mx	-.056	6.25
91	MP3A	X	47.693	3.75
92	MP3A	Z	0	3.75
93	MP3A	Mx	.016	3.75
94	MP3B	X	65.435	3.75
95	MP3B	Z	0	3.75
96	MP3B	Mx	-.011	3.75
97	MP3C	X	65.435	3.75
98	MP3C	Z	0	3.75
99	MP3C	Mx	-.011	3.75
100	MP2A	X	38.632	3.75
101	MP2A	Z	0	3.75
102	MP2A	Mx	.013	3.75
103	MP2B	X	63.17	3.75
104	MP2B	Z	0	3.75
105	MP2B	Mx	-.011	3.75
106	MP2C	X	63.17	3.75
107	MP2C	Z	0	3.75
108	MP2C	Mx	-.011	3.75
109	MP3A	X	19.119	.5
110	MP3A	Z	0	.5
111	MP3A	Mx	.006	.5
112	MP3B	X	33.396	.5
113	MP3B	Z	0	.5
114	MP3B	Mx	-.006	.5
115	MP3C	X	33.396	.5
116	MP3C	Z	0	.5
117	MP3C	Mx	-.006	.5
118	OVP	X	95.718	2
119	OVP	Z	0	2
120	OVP	Mx	.032	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	98.463	2
2	MP1C	Z	56.848	2
3	MP1C	Mx	.028	2
4	MP1C	X	98.463	5.5
5	MP1C	Z	56.848	5.5
6	MP1C	Mx	.028	5.5
7	MP4C	X	98.463	2
8	MP4C	Z	56.848	2
9	MP4C	Mx	.028	2
10	MP4C	X	98.463	5.5
11	MP4C	Z	56.848	5.5
12	MP4C	Mx	.028	5.5
13	MP1A	X	77.678	2
14	MP1A	Z	44.847	2
15	MP1A	Mx	-.039	2
16	MP1A	X	77.678	5.5
17	MP1A	Z	44.847	5.5
18	MP1A	Mx	-.039	5.5
19	MP1B	X	54.64	2
20	MP1B	Z	31.546	2
21	MP1B	Mx	.016	2
22	MP1B	X	54.64	5.5
23	MP1B	Z	31.546	5.5
24	MP1B	Mx	.016	5.5
25	MP4A	X	77.678	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP4A	Z	44.847	2
27	MP4A	Mx	-.039	2
28	MP4A	X	77.678	5.5
29	MP4A	Z	44.847	5.5
30	MP4A	Mx	-.039	5.5
31	MP4B	X	54.64	2
32	MP4B	Z	31.546	2
33	MP4B	Mx	.016	2
34	MP4B	X	54.64	5.5
35	MP4B	Z	31.546	5.5
36	MP4B	Mx	.016	5.5
37	MP2A	X	42.213	2.75
38	MP2A	Z	24.372	2.75
39	MP2A	Mx	-.021	2.75
40	MP2A	X	42.213	4.75
41	MP2A	Z	24.372	4.75
42	MP2A	Mx	-.021	4.75
43	MP2B	X	77.651	2.75
44	MP2B	Z	44.832	2.75
45	MP2B	Mx	0	2.75
46	MP2B	X	77.651	4.75
47	MP2B	Z	44.832	4.75
48	MP2B	Mx	0	4.75
49	MP2C	X	42.213	2.75
50	MP2C	Z	24.372	2.75
51	MP2C	Mx	.021	2.75
52	MP2C	X	42.213	4.75
53	MP2C	Z	24.372	4.75
54	MP2C	Mx	.021	4.75
55	MP3A	X	99.562	1.25
56	MP3A	Z	57.482	1.25
57	MP3A	Mx	-.016	1.25
58	MP3A	X	99.562	6.25
59	MP3A	Z	57.482	6.25
60	MP3A	Mx	-.016	6.25
61	MP3B	X	133.493	1.25
62	MP3B	Z	77.072	1.25
63	MP3B	Mx	-.09	1.25
64	MP3B	X	133.493	6.25
65	MP3B	Z	77.072	6.25
66	MP3B	Mx	-.09	6.25
67	MP3C	X	99.562	1.25
68	MP3C	Z	57.482	1.25
69	MP3C	Mx	.083	1.25
70	MP3C	X	99.562	6.25
71	MP3C	Z	57.482	6.25
72	MP3C	Mx	.083	6.25
73	MP3A	X	99.438	1.25
74	MP3A	Z	57.411	1.25
75	MP3A	Mx	-.083	1.25
76	MP3A	X	99.438	6.25
77	MP3A	Z	57.411	6.25
78	MP3A	Mx	-.083	6.25
79	MP3B	X	131.648	1.25
80	MP3B	Z	76.007	1.25
81	MP3B	Mx	.101	1.25
82	MP3B	X	131.648	6.25
83	MP3B	Z	76.007	6.25
84	MP3B	Mx	.101	6.25
85	MP3C	X	106.74	1.25
86	MP3C	Z	61.626	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP3C	Mx	.000994	1.25
88	MP3C	X	106.74	6.25
89	MP3C	Z	61.626	6.25
90	MP3C	Mx	.000994	6.25
91	MP3A	X	46.425	3.75
92	MP3A	Z	26.804	3.75
93	MP3A	Mx	.015	3.75
94	MP3B	X	61.79	3.75
95	MP3B	Z	35.675	3.75
96	MP3B	Mx	0	3.75
97	MP3C	X	46.425	3.75
98	MP3C	Z	26.804	3.75
99	MP3C	Mx	-.015	3.75
100	MP2A	X	40.539	3.75
101	MP2A	Z	23.405	3.75
102	MP2A	Mx	.014	3.75
103	MP2B	X	61.79	3.75
104	MP2B	Z	35.675	3.75
105	MP2B	Mx	0	3.75
106	MP2C	X	40.539	3.75
107	MP2C	Z	23.405	3.75
108	MP2C	Mx	-.014	3.75
109	MP3A	X	20.679	.5
110	MP3A	Z	11.939	.5
111	MP3A	Mx	.007	.5
112	MP3B	X	33.043	.5
113	MP3B	Z	19.077	.5
114	MP3B	Mx	0	.5
115	MP3C	X	20.679	.5
116	MP3C	Z	11.939	.5
117	MP3C	Mx	-.007	.5
118	OVP	X	93.479	2
119	OVP	Z	53.97	2
120	OVP	Mx	.031	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	53.217	2
2	MP1C	Z	92.175	2
3	MP1C	Mx	.046	2
4	MP1C	X	53.217	5.5
5	MP1C	Z	92.175	5.5
6	MP1C	Mx	.046	5.5
7	MP4C	X	53.217	2
8	MP4C	Z	92.175	2
9	MP4C	Mx	.046	2
10	MP4C	X	53.217	5.5
11	MP4C	Z	92.175	5.5
12	MP4C	Mx	.046	5.5
13	MP1A	X	31.546	2
14	MP1A	Z	54.64	2
15	MP1A	Mx	-.016	2
16	MP1A	X	31.546	5.5
17	MP1A	Z	54.64	5.5
18	MP1A	Mx	-.016	5.5
19	MP1B	X	24.896	2
20	MP1B	Z	43.121	2
21	MP1B	Mx	0	2
22	MP1B	X	24.896	5.5
23	MP1B	Z	43.121	5.5
24	MP1B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP4A	X	31.546	2
26	MP4A	Z	54.64	2
27	MP4A	Mx	-.016	2
28	MP4A	X	31.546	5.5
29	MP4A	Z	54.64	5.5
30	MP4A	Mx	-.016	5.5
31	MP4B	X	24.896	2
32	MP4B	Z	43.121	2
33	MP4B	Mx	0	2
34	MP4B	X	24.896	5.5
35	MP4B	Z	43.121	5.5
36	MP4B	Mx	0	5.5
37	MP2A	X	38.012	2.75
38	MP2A	Z	65.838	2.75
39	MP2A	Mx	-.019	2.75
40	MP2A	X	38.012	4.75
41	MP2A	Z	65.838	4.75
42	MP2A	Mx	-.019	4.75
43	MP2B	X	38.012	2.75
44	MP2B	Z	65.838	2.75
45	MP2B	Mx	-.019	2.75
46	MP2B	X	38.012	4.75
47	MP2B	Z	65.838	4.75
48	MP2B	Mx	-.019	4.75
49	MP2C	X	17.552	2.75
50	MP2C	Z	30.4	2.75
51	MP2C	Mx	.018	2.75
52	MP2C	X	17.552	4.75
53	MP2C	Z	30.4	4.75
54	MP2C	Mx	.018	4.75
55	MP3A	X	70.542	1.25
56	MP3A	Z	122.183	1.25
57	MP3A	Mx	.036	1.25
58	MP3A	X	70.542	6.25
59	MP3A	Z	122.183	6.25
60	MP3A	Mx	.036	6.25
61	MP3B	X	70.542	1.25
62	MP3B	Z	122.183	1.25
63	MP3B	Mx	-.107	1.25
64	MP3B	X	70.542	6.25
65	MP3B	Z	122.183	6.25
66	MP3B	Mx	-.107	6.25
67	MP3C	X	50.952	1.25
68	MP3C	Z	88.252	1.25
69	MP3C	Mx	.051	1.25
70	MP3C	X	50.952	6.25
71	MP3C	Z	88.252	6.25
72	MP3C	Mx	.051	6.25
73	MP3A	X	70.328	1.25
74	MP3A	Z	121.811	1.25
75	MP3A	Mx	-.106	1.25
76	MP3A	X	70.328	6.25
77	MP3A	Z	121.811	6.25
78	MP3A	Mx	-.106	6.25
79	MP3B	X	73.764	1.25
80	MP3B	Z	127.763	1.25
81	MP3B	Mx	.056	1.25
82	MP3B	X	73.764	6.25
83	MP3B	Z	127.763	6.25
84	MP3B	Mx	.056	6.25
85	MP3C	X	51.731	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP3C	Z	89.601	1.25
87	MP3C	Mx	.04	1.25
88	MP3C	X	51.731	6.25
89	MP3C	Z	89.601	6.25
90	MP3C	Mx	.04	6.25
91	MP3A	X	32.718	3.75
92	MP3A	Z	56.669	3.75
93	MP3A	Mx	.011	3.75
94	MP3B	X	32.718	3.75
95	MP3B	Z	56.669	3.75
96	MP3B	Mx	.011	3.75
97	MP3C	X	23.847	3.75
98	MP3C	Z	41.304	3.75
99	MP3C	Mx	-.016	3.75
100	MP2A	X	31.585	3.75
101	MP2A	Z	54.707	3.75
102	MP2A	Mx	.011	3.75
103	MP2B	X	31.585	3.75
104	MP2B	Z	54.707	3.75
105	MP2B	Mx	.011	3.75
106	MP2C	X	19.316	3.75
107	MP2C	Z	33.456	3.75
108	MP2C	Mx	-.013	3.75
109	MP3A	X	16.698	.5
110	MP3A	Z	28.921	.5
111	MP3A	Mx	.006	.5
112	MP3B	X	16.698	.5
113	MP3B	Z	28.921	.5
114	MP3B	Mx	.006	.5
115	MP3C	X	9.559	.5
116	MP3C	Z	16.557	.5
117	MP3C	Mx	-.006	.5
118	OVP	X	66.192	2
119	OVP	Z	114.648	2
120	OVP	Mx	.022	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	0	2
2	MP1C	Z	102.804	2
3	MP1C	Mx	.051	2
4	MP1C	X	0	5.5
5	MP1C	Z	102.804	5.5
6	MP1C	Mx	.051	5.5
7	MP4C	X	0	2
8	MP4C	Z	102.804	2
9	MP4C	Mx	.051	2
10	MP4C	X	0	5.5
11	MP4C	Z	102.804	5.5
12	MP4C	Mx	.051	5.5
13	MP1A	X	0	2
14	MP1A	Z	49.792	2
15	MP1A	Mx	0	2
16	MP1A	X	0	5.5
17	MP1A	Z	49.792	5.5
18	MP1A	Mx	0	5.5
19	MP1B	X	0	2
20	MP1B	Z	63.093	2
21	MP1B	Mx	-.016	2
22	MP1B	X	0	5.5
23	MP1B	Z	63.093	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP1B	Mx	-.016	5.5
25	MP4A	X	0	2
26	MP4A	Z	49.792	2
27	MP4A	Mx	0	2
28	MP4A	X	0	5.5
29	MP4A	Z	49.792	5.5
30	MP4A	Mx	0	5.5
31	MP4B	X	0	2
32	MP4B	Z	63.093	2
33	MP4B	Mx	-.016	2
34	MP4B	X	0	5.5
35	MP4B	Z	63.093	5.5
36	MP4B	Mx	-.016	5.5
37	MP2A	X	0	2.75
38	MP2A	Z	89.663	2.75
39	MP2A	Mx	0	2.75
40	MP2A	X	0	4.75
41	MP2A	Z	89.663	4.75
42	MP2A	Mx	0	4.75
43	MP2B	X	0	2.75
44	MP2B	Z	48.743	2.75
45	MP2B	Mx	-.021	2.75
46	MP2B	X	0	4.75
47	MP2B	Z	48.743	4.75
48	MP2B	Mx	-.021	4.75
49	MP2C	X	0	2.75
50	MP2C	Z	48.743	2.75
51	MP2C	Mx	.021	2.75
52	MP2C	X	0	4.75
53	MP2C	Z	48.743	4.75
54	MP2C	Mx	.021	4.75
55	MP3A	X	0	1.25
56	MP3A	Z	154.145	1.25
57	MP3A	Mx	.09	1.25
58	MP3A	X	0	6.25
59	MP3A	Z	154.145	6.25
60	MP3A	Mx	.09	6.25
61	MP3B	X	0	1.25
62	MP3B	Z	114.965	1.25
63	MP3B	Mx	-.083	1.25
64	MP3B	X	0	6.25
65	MP3B	Z	114.965	6.25
66	MP3B	Mx	-.083	6.25
67	MP3C	X	0	1.25
68	MP3C	Z	114.965	1.25
69	MP3C	Mx	.016	1.25
70	MP3C	X	0	6.25
71	MP3C	Z	114.965	6.25
72	MP3C	Mx	.016	6.25
73	MP3A	X	0	1.25
74	MP3A	Z	153.572	1.25
75	MP3A	Mx	-.09	1.25
76	MP3A	X	0	6.25
77	MP3A	Z	153.572	6.25
78	MP3A	Mx	-.09	6.25
79	MP3B	X	0	1.25
80	MP3B	Z	123.252	1.25
81	MP3B	Mx	-.000994	1.25
82	MP3B	X	0	6.25
83	MP3B	Z	123.252	6.25
84	MP3B	Mx	-.000994	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3C	X	0	1.25
86	MP3C	Z	107.949	1.25
87	MP3C	Mx	.072	1.25
88	MP3C	X	0	6.25
89	MP3C	Z	107.949	6.25
90	MP3C	Mx	.072	6.25
91	MP3A	X	0	3.75
92	MP3A	Z	71.349	3.75
93	MP3A	Mx	0	3.75
94	MP3B	X	0	3.75
95	MP3B	Z	53.607	3.75
96	MP3B	Mx	.015	3.75
97	MP3C	X	0	3.75
98	MP3C	Z	53.607	3.75
99	MP3C	Mx	-.015	3.75
100	MP2A	X	0	3.75
101	MP2A	Z	71.349	3.75
102	MP2A	Mx	0	3.75
103	MP2B	X	0	3.75
104	MP2B	Z	46.811	3.75
105	MP2B	Mx	.014	3.75
106	MP2C	X	0	3.75
107	MP2C	Z	46.811	3.75
108	MP2C	Mx	-.014	3.75
109	MP3A	X	0	.5
110	MP3A	Z	38.155	.5
111	MP3A	Mx	0	.5
112	MP3B	X	0	.5
113	MP3B	Z	23.878	.5
114	MP3B	Mx	.007	.5
115	MP3C	X	0	.5
116	MP3C	Z	23.878	.5
117	MP3C	Mx	-.007	.5
118	OVP	X	0	2
119	OVP	Z	144.606	2
120	OVP	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-53.217	2
2	MP1C	Z	92.175	2
3	MP1C	Mx	.046	2
4	MP1C	X	-53.217	5.5
5	MP1C	Z	92.175	5.5
6	MP1C	Mx	.046	5.5
7	MP4C	X	-53.217	2
8	MP4C	Z	92.175	2
9	MP4C	Mx	.046	2
10	MP4C	X	-53.217	5.5
11	MP4C	Z	92.175	5.5
12	MP4C	Mx	.046	5.5
13	MP1A	X	-31.546	2
14	MP1A	Z	54.64	2
15	MP1A	Mx	.016	2
16	MP1A	X	-31.546	5.5
17	MP1A	Z	54.64	5.5
18	MP1A	Mx	.016	5.5
19	MP1B	X	-44.847	2
20	MP1B	Z	77.678	2
21	MP1B	Mx	-.039	2
22	MP1B	X	-44.847	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP1B	Z	77.678	5.5
24	MP1B	Mx	-.039	5.5
25	MP4A	X	-31.546	2
26	MP4A	Z	54.64	2
27	MP4A	Mx	.016	2
28	MP4A	X	-31.546	5.5
29	MP4A	Z	54.64	5.5
30	MP4A	Mx	.016	5.5
31	MP4B	X	-44.847	2
32	MP4B	Z	77.678	2
33	MP4B	Mx	-.039	2
34	MP4B	X	-44.847	5.5
35	MP4B	Z	77.678	5.5
36	MP4B	Mx	-.039	5.5
37	MP2A	X	-38.012	2.75
38	MP2A	Z	65.838	2.75
39	MP2A	Mx	.019	2.75
40	MP2A	X	-38.012	4.75
41	MP2A	Z	65.838	4.75
42	MP2A	Mx	.019	4.75
43	MP2B	X	-17.552	2.75
44	MP2B	Z	30.4	2.75
45	MP2B	Mx	-.018	2.75
46	MP2B	X	-17.552	4.75
47	MP2B	Z	30.4	4.75
48	MP2B	Mx	-.018	4.75
49	MP2C	X	-38.012	2.75
50	MP2C	Z	65.838	2.75
51	MP2C	Mx	.019	2.75
52	MP2C	X	-38.012	4.75
53	MP2C	Z	65.838	4.75
54	MP2C	Mx	.019	4.75
55	MP3A	X	-70.542	1.25
56	MP3A	Z	122.183	1.25
57	MP3A	Mx	.107	1.25
58	MP3A	X	-70.542	6.25
59	MP3A	Z	122.183	6.25
60	MP3A	Mx	.107	6.25
61	MP3B	X	-50.952	1.25
62	MP3B	Z	88.252	1.25
63	MP3B	Mx	-.051	1.25
64	MP3B	X	-50.952	6.25
65	MP3B	Z	88.252	6.25
66	MP3B	Mx	-.051	6.25
67	MP3C	X	-70.542	1.25
68	MP3C	Z	122.183	1.25
69	MP3C	Mx	-.036	1.25
70	MP3C	X	-70.542	6.25
71	MP3C	Z	122.183	6.25
72	MP3C	Mx	-.036	6.25
73	MP3A	X	-70.328	1.25
74	MP3A	Z	121.811	1.25
75	MP3A	Mx	-.036	1.25
76	MP3A	X	-70.328	6.25
77	MP3A	Z	121.811	6.25
78	MP3A	Mx	-.036	6.25
79	MP3B	X	-51.731	1.25
80	MP3B	Z	89.601	1.25
81	MP3B	Mx	-.04	1.25
82	MP3B	X	-51.731	6.25
83	MP3B	Z	89.601	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3B	Mx	-.04	6.25
85	MP3C	X	-66.112	1.25
86	MP3C	Z	114.51	1.25
87	MP3C	Mx	.102	1.25
88	MP3C	X	-66.112	6.25
89	MP3C	Z	114.51	6.25
90	MP3C	Mx	.102	6.25
91	MP3A	X	-32.718	3.75
92	MP3A	Z	56.669	3.75
93	MP3A	Mx	-.011	3.75
94	MP3B	X	-23.847	3.75
95	MP3B	Z	41.304	3.75
96	MP3B	Mx	.016	3.75
97	MP3C	X	-32.718	3.75
98	MP3C	Z	56.669	3.75
99	MP3C	Mx	-.011	3.75
100	MP2A	X	-31.585	3.75
101	MP2A	Z	54.707	3.75
102	MP2A	Mx	-.011	3.75
103	MP2B	X	-19.316	3.75
104	MP2B	Z	33.456	3.75
105	MP2B	Mx	.013	3.75
106	MP2C	X	-31.585	3.75
107	MP2C	Z	54.707	3.75
108	MP2C	Mx	-.011	3.75
109	MP3A	X	-16.698	.5
110	MP3A	Z	28.921	.5
111	MP3A	Mx	-.006	.5
112	MP3B	X	-9.559	.5
113	MP3B	Z	16.557	.5
114	MP3B	Mx	.006	.5
115	MP3C	X	-16.698	.5
116	MP3C	Z	28.921	.5
117	MP3C	Mx	-.006	.5
118	OVP	X	-66.192	2
119	OVP	Z	114.648	2
120	OVP	Mx	-.022	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-98.463	2
2	MP1C	Z	56.848	2
3	MP1C	Mx	.028	2
4	MP1C	X	-98.463	5.5
5	MP1C	Z	56.848	5.5
6	MP1C	Mx	.028	5.5
7	MP4C	X	-98.463	2
8	MP4C	Z	56.848	2
9	MP4C	Mx	.028	2
10	MP4C	X	-98.463	5.5
11	MP4C	Z	56.848	5.5
12	MP4C	Mx	.028	5.5
13	MP1A	X	-77.678	2
14	MP1A	Z	44.847	2
15	MP1A	Mx	.039	2
16	MP1A	X	-77.678	5.5
17	MP1A	Z	44.847	5.5
18	MP1A	Mx	.039	5.5
19	MP1B	X	-89.197	2
20	MP1B	Z	51.498	2
21	MP1B	Mx	-.051	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1B	X	-89.197	5.5
23	MP1B	Z	51.498	5.5
24	MP1B	Mx	-.051	5.5
25	MP4A	X	-77.678	2
26	MP4A	Z	44.847	2
27	MP4A	Mx	.039	2
28	MP4A	X	-77.678	5.5
29	MP4A	Z	44.847	5.5
30	MP4A	Mx	.039	5.5
31	MP4B	X	-89.197	2
32	MP4B	Z	51.498	2
33	MP4B	Mx	-.051	2
34	MP4B	X	-89.197	5.5
35	MP4B	Z	51.498	5.5
36	MP4B	Mx	-.051	5.5
37	MP2A	X	-42.213	2.75
38	MP2A	Z	24.372	2.75
39	MP2A	Mx	.021	2.75
40	MP2A	X	-42.213	4.75
41	MP2A	Z	24.372	4.75
42	MP2A	Mx	.021	4.75
43	MP2B	X	-42.213	2.75
44	MP2B	Z	24.372	2.75
45	MP2B	Mx	-.021	2.75
46	MP2B	X	-42.213	4.75
47	MP2B	Z	24.372	4.75
48	MP2B	Mx	-.021	4.75
49	MP2C	X	-77.651	2.75
50	MP2C	Z	44.832	2.75
51	MP2C	Mx	0	2.75
52	MP2C	X	-77.651	4.75
53	MP2C	Z	44.832	4.75
54	MP2C	Mx	0	4.75
55	MP3A	X	-99.562	1.25
56	MP3A	Z	57.482	1.25
57	MP3A	Mx	.083	1.25
58	MP3A	X	-99.562	6.25
59	MP3A	Z	57.482	6.25
60	MP3A	Mx	.083	6.25
61	MP3B	X	-99.562	1.25
62	MP3B	Z	57.482	1.25
63	MP3B	Mx	-.016	1.25
64	MP3B	X	-99.562	6.25
65	MP3B	Z	57.482	6.25
66	MP3B	Mx	-.016	6.25
67	MP3C	X	-133.493	1.25
68	MP3C	Z	77.072	1.25
69	MP3C	Mx	-.09	1.25
70	MP3C	X	-133.493	6.25
71	MP3C	Z	77.072	6.25
72	MP3C	Mx	-.09	6.25
73	MP3A	X	-99.438	1.25
74	MP3A	Z	57.411	1.25
75	MP3A	Mx	.016	1.25
76	MP3A	X	-99.438	6.25
77	MP3A	Z	57.411	6.25
78	MP3A	Mx	.016	6.25
79	MP3B	X	-93.486	1.25
80	MP3B	Z	53.974	1.25
81	MP3B	Mx	-.072	1.25
82	MP3B	X	-93.486	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP3B	Z	53.974	6.25
84	MP3B	Mx	-.072	6.25
85	MP3C	X	-131.648	1.25
86	MP3C	Z	76.007	1.25
87	MP3C	Mx	.101	1.25
88	MP3C	X	-131.648	6.25
89	MP3C	Z	76.007	6.25
90	MP3C	Mx	.101	6.25
91	MP3A	X	-46.425	3.75
92	MP3A	Z	26.804	3.75
93	MP3A	Mx	-.015	3.75
94	MP3B	X	-46.425	3.75
95	MP3B	Z	26.804	3.75
96	MP3B	Mx	.015	3.75
97	MP3C	X	-61.79	3.75
98	MP3C	Z	35.675	3.75
99	MP3C	Mx	0	3.75
100	MP2A	X	-40.539	3.75
101	MP2A	Z	23.405	3.75
102	MP2A	Mx	-.014	3.75
103	MP2B	X	-40.539	3.75
104	MP2B	Z	23.405	3.75
105	MP2B	Mx	.014	3.75
106	MP2C	X	-61.79	3.75
107	MP2C	Z	35.675	3.75
108	MP2C	Mx	0	3.75
109	MP3A	X	-20.679	.5
110	MP3A	Z	11.939	.5
111	MP3A	Mx	-.007	.5
112	MP3B	X	-20.679	.5
113	MP3B	Z	11.939	.5
114	MP3B	Mx	.007	.5
115	MP3C	X	-33.043	.5
116	MP3C	Z	19.077	.5
117	MP3C	Mx	0	.5
118	OVP	X	-93.479	2
119	OVP	Z	53.97	2
120	OVP	Mx	-.031	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-117.325	2
2	MP1C	Z	0	2
3	MP1C	Mx	0	2
4	MP1C	X	-117.325	5.5
5	MP1C	Z	0	5.5
6	MP1C	Mx	0	5.5
7	MP4C	X	-117.325	2
8	MP4C	Z	0	2
9	MP4C	Mx	0	2
10	MP4C	X	-117.325	5.5
11	MP4C	Z	0	5.5
12	MP4C	Mx	0	5.5
13	MP1A	X	-102.996	2
14	MP1A	Z	0	2
15	MP1A	Mx	.051	2
16	MP1A	X	-102.996	5.5
17	MP1A	Z	0	5.5
18	MP1A	Mx	.051	5.5
19	MP1B	X	-89.695	2
20	MP1B	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP1B	Mx	-.039	2
22	MP1B	X	-89.695	5.5
23	MP1B	Z	0	5.5
24	MP1B	Mx	-.039	5.5
25	MP4A	X	-102.996	2
26	MP4A	Z	0	2
27	MP4A	Mx	.051	2
28	MP4A	X	-102.996	5.5
29	MP4A	Z	0	5.5
30	MP4A	Mx	.051	5.5
31	MP4B	X	-89.695	2
32	MP4B	Z	0	2
33	MP4B	Mx	-.039	2
34	MP4B	X	-89.695	5.5
35	MP4B	Z	0	5.5
36	MP4B	Mx	-.039	5.5
37	MP2A	X	-35.103	2.75
38	MP2A	Z	0	2.75
39	MP2A	Mx	.018	2.75
40	MP2A	X	-35.103	4.75
41	MP2A	Z	0	4.75
42	MP2A	Mx	.018	4.75
43	MP2B	X	-76.023	2.75
44	MP2B	Z	0	2.75
45	MP2B	Mx	-.019	2.75
46	MP2B	X	-76.023	4.75
47	MP2B	Z	0	4.75
48	MP2B	Mx	-.019	4.75
49	MP2C	X	-76.023	2.75
50	MP2C	Z	0	2.75
51	MP2C	Mx	-.019	2.75
52	MP2C	X	-76.023	4.75
53	MP2C	Z	0	4.75
54	MP2C	Mx	-.019	4.75
55	MP3A	X	-101.905	1.25
56	MP3A	Z	0	1.25
57	MP3A	Mx	.051	1.25
58	MP3A	X	-101.905	6.25
59	MP3A	Z	0	6.25
60	MP3A	Mx	.051	6.25
61	MP3B	X	-141.085	1.25
62	MP3B	Z	0	1.25
63	MP3B	Mx	.036	1.25
64	MP3B	X	-141.085	6.25
65	MP3B	Z	0	6.25
66	MP3B	Mx	.036	6.25
67	MP3C	X	-141.085	1.25
68	MP3C	Z	0	1.25
69	MP3C	Mx	-.107	1.25
70	MP3C	X	-141.085	6.25
71	MP3C	Z	0	6.25
72	MP3C	Mx	-.107	6.25
73	MP3A	X	-101.905	1.25
74	MP3A	Z	0	1.25
75	MP3A	Mx	.051	1.25
76	MP3A	X	-101.905	6.25
77	MP3A	Z	0	6.25
78	MP3A	Mx	.051	6.25
79	MP3B	X	-132.224	1.25
80	MP3B	Z	0	1.25
81	MP3B	Mx	-.102	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3B	X	-132.224	6.25
83	MP3B	Z	0	6.25
84	MP3B	Mx	-.102	6.25
85	MP3C	X	-147.528	1.25
86	MP3C	Z	0	1.25
87	MP3C	Mx	.056	1.25
88	MP3C	X	-147.528	6.25
89	MP3C	Z	0	6.25
90	MP3C	Mx	.056	6.25
91	MP3A	X	-47.693	3.75
92	MP3A	Z	0	3.75
93	MP3A	Mx	-.016	3.75
94	MP3B	X	-65.435	3.75
95	MP3B	Z	0	3.75
96	MP3B	Mx	.011	3.75
97	MP3C	X	-65.435	3.75
98	MP3C	Z	0	3.75
99	MP3C	Mx	.011	3.75
100	MP2A	X	-38.632	3.75
101	MP2A	Z	0	3.75
102	MP2A	Mx	-.013	3.75
103	MP2B	X	-63.17	3.75
104	MP2B	Z	0	3.75
105	MP2B	Mx	.011	3.75
106	MP2C	X	-63.17	3.75
107	MP2C	Z	0	3.75
108	MP2C	Mx	.011	3.75
109	MP3A	X	-19.119	.5
110	MP3A	Z	0	.5
111	MP3A	Mx	-.006	.5
112	MP3B	X	-33.396	.5
113	MP3B	Z	0	.5
114	MP3B	Mx	.006	.5
115	MP3C	X	-33.396	.5
116	MP3C	Z	0	.5
117	MP3C	Mx	.006	.5
118	OVP	X	-95.718	2
119	OVP	Z	0	2
120	OVP	Mx	-.032	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-98.463	2
2	MP1C	Z	-56.848	2
3	MP1C	Mx	-.028	2
4	MP1C	X	-98.463	5.5
5	MP1C	Z	-56.848	5.5
6	MP1C	Mx	-.028	5.5
7	MP4C	X	-98.463	2
8	MP4C	Z	-56.848	2
9	MP4C	Mx	-.028	2
10	MP4C	X	-98.463	5.5
11	MP4C	Z	-56.848	5.5
12	MP4C	Mx	-.028	5.5
13	MP1A	X	-77.678	2
14	MP1A	Z	-44.847	2
15	MP1A	Mx	.039	2
16	MP1A	X	-77.678	5.5
17	MP1A	Z	-44.847	5.5
18	MP1A	Mx	.039	5.5
19	MP1B	X	-54.64	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP1B	Z	-31.546	2
21	MP1B	Mx	-.016	2
22	MP1B	X	-54.64	5.5
23	MP1B	Z	-31.546	5.5
24	MP1B	Mx	-.016	5.5
25	MP4A	X	-77.678	2
26	MP4A	Z	-44.847	2
27	MP4A	Mx	.039	2
28	MP4A	X	-77.678	5.5
29	MP4A	Z	-44.847	5.5
30	MP4A	Mx	.039	5.5
31	MP4B	X	-54.64	2
32	MP4B	Z	-31.546	2
33	MP4B	Mx	-.016	2
34	MP4B	X	-54.64	5.5
35	MP4B	Z	-31.546	5.5
36	MP4B	Mx	-.016	5.5
37	MP2A	X	-42.213	2.75
38	MP2A	Z	-24.372	2.75
39	MP2A	Mx	.021	2.75
40	MP2A	X	-42.213	4.75
41	MP2A	Z	-24.372	4.75
42	MP2A	Mx	.021	4.75
43	MP2B	X	-77.651	2.75
44	MP2B	Z	-44.832	2.75
45	MP2B	Mx	0	2.75
46	MP2B	X	-77.651	4.75
47	MP2B	Z	-44.832	4.75
48	MP2B	Mx	0	4.75
49	MP2C	X	-42.213	2.75
50	MP2C	Z	-24.372	2.75
51	MP2C	Mx	-.021	2.75
52	MP2C	X	-42.213	4.75
53	MP2C	Z	-24.372	4.75
54	MP2C	Mx	-.021	4.75
55	MP3A	X	-99.562	1.25
56	MP3A	Z	-57.482	1.25
57	MP3A	Mx	.016	1.25
58	MP3A	X	-99.562	6.25
59	MP3A	Z	-57.482	6.25
60	MP3A	Mx	.016	6.25
61	MP3B	X	-133.493	1.25
62	MP3B	Z	-77.072	1.25
63	MP3B	Mx	.09	1.25
64	MP3B	X	-133.493	6.25
65	MP3B	Z	-77.072	6.25
66	MP3B	Mx	.09	6.25
67	MP3C	X	-99.562	1.25
68	MP3C	Z	-57.482	1.25
69	MP3C	Mx	-.083	1.25
70	MP3C	X	-99.562	6.25
71	MP3C	Z	-57.482	6.25
72	MP3C	Mx	-.083	6.25
73	MP3A	X	-99.438	1.25
74	MP3A	Z	-57.411	1.25
75	MP3A	Mx	.083	1.25
76	MP3A	X	-99.438	6.25
77	MP3A	Z	-57.411	6.25
78	MP3A	Mx	.083	6.25
79	MP3B	X	-131.648	1.25
80	MP3B	Z	-76.007	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	-.101	1.25
82	MP3B	X	-131.648	6.25
83	MP3B	Z	-76.007	6.25
84	MP3B	Mx	-.101	6.25
85	MP3C	X	-106.74	1.25
86	MP3C	Z	-61.626	1.25
87	MP3C	Mx	-.000994	1.25
88	MP3C	X	-106.74	6.25
89	MP3C	Z	-61.626	6.25
90	MP3C	Mx	-.000994	6.25
91	MP3A	X	-46.425	3.75
92	MP3A	Z	-26.804	3.75
93	MP3A	Mx	-.015	3.75
94	MP3B	X	-61.79	3.75
95	MP3B	Z	-35.675	3.75
96	MP3B	Mx	0	3.75
97	MP3C	X	-46.425	3.75
98	MP3C	Z	-26.804	3.75
99	MP3C	Mx	.015	3.75
100	MP2A	X	-40.539	3.75
101	MP2A	Z	-23.405	3.75
102	MP2A	Mx	-.014	3.75
103	MP2B	X	-61.79	3.75
104	MP2B	Z	-35.675	3.75
105	MP2B	Mx	0	3.75
106	MP2C	X	-40.539	3.75
107	MP2C	Z	-23.405	3.75
108	MP2C	Mx	.014	3.75
109	MP3A	X	-20.679	.5
110	MP3A	Z	-11.939	.5
111	MP3A	Mx	-.007	.5
112	MP3B	X	-33.043	.5
113	MP3B	Z	-19.077	.5
114	MP3B	Mx	0	.5
115	MP3C	X	-20.679	.5
116	MP3C	Z	-11.939	.5
117	MP3C	Mx	.007	.5
118	OVP	X	-93.479	2
119	OVP	Z	-53.97	2
120	OVP	Mx	-.031	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-53.217	2
2	MP1C	Z	-92.175	2
3	MP1C	Mx	-.046	2
4	MP1C	X	-53.217	5.5
5	MP1C	Z	-92.175	5.5
6	MP1C	Mx	-.046	5.5
7	MP4C	X	-53.217	2
8	MP4C	Z	-92.175	2
9	MP4C	Mx	-.046	2
10	MP4C	X	-53.217	5.5
11	MP4C	Z	-92.175	5.5
12	MP4C	Mx	-.046	5.5
13	MP1A	X	-31.546	2
14	MP1A	Z	-54.64	2
15	MP1A	Mx	.016	2
16	MP1A	X	-31.546	5.5
17	MP1A	Z	-54.64	5.5
18	MP1A	Mx	.016	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP1B	X	-24.896	2
20	MP1B	Z	-43.121	2
21	MP1B	Mx	0	2
22	MP1B	X	-24.896	5.5
23	MP1B	Z	-43.121	5.5
24	MP1B	Mx	0	5.5
25	MP4A	X	-31.546	2
26	MP4A	Z	-54.64	2
27	MP4A	Mx	.016	2
28	MP4A	X	-31.546	5.5
29	MP4A	Z	-54.64	5.5
30	MP4A	Mx	.016	5.5
31	MP4B	X	-24.896	2
32	MP4B	Z	-43.121	2
33	MP4B	Mx	0	2
34	MP4B	X	-24.896	5.5
35	MP4B	Z	-43.121	5.5
36	MP4B	Mx	0	5.5
37	MP2A	X	-38.012	2.75
38	MP2A	Z	-65.838	2.75
39	MP2A	Mx	.019	2.75
40	MP2A	X	-38.012	4.75
41	MP2A	Z	-65.838	4.75
42	MP2A	Mx	.019	4.75
43	MP2B	X	-38.012	2.75
44	MP2B	Z	-65.838	2.75
45	MP2B	Mx	.019	2.75
46	MP2B	X	-38.012	4.75
47	MP2B	Z	-65.838	4.75
48	MP2B	Mx	.019	4.75
49	MP2C	X	-17.552	2.75
50	MP2C	Z	-30.4	2.75
51	MP2C	Mx	-.018	2.75
52	MP2C	X	-17.552	4.75
53	MP2C	Z	-30.4	4.75
54	MP2C	Mx	-.018	4.75
55	MP3A	X	-70.542	1.25
56	MP3A	Z	-122.183	1.25
57	MP3A	Mx	-.036	1.25
58	MP3A	X	-70.542	6.25
59	MP3A	Z	-122.183	6.25
60	MP3A	Mx	-.036	6.25
61	MP3B	X	-70.542	1.25
62	MP3B	Z	-122.183	1.25
63	MP3B	Mx	.107	1.25
64	MP3B	X	-70.542	6.25
65	MP3B	Z	-122.183	6.25
66	MP3B	Mx	.107	6.25
67	MP3C	X	-50.952	1.25
68	MP3C	Z	-88.252	1.25
69	MP3C	Mx	-.051	1.25
70	MP3C	X	-50.952	6.25
71	MP3C	Z	-88.252	6.25
72	MP3C	Mx	-.051	6.25
73	MP3A	X	-70.328	1.25
74	MP3A	Z	-121.811	1.25
75	MP3A	Mx	.106	1.25
76	MP3A	X	-70.328	6.25
77	MP3A	Z	-121.811	6.25
78	MP3A	Mx	.106	6.25
79	MP3B	X	-73.764	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3B	Z	-127.763	1.25
81	MP3B	Mx	-.056	1.25
82	MP3B	X	-73.764	6.25
83	MP3B	Z	-127.763	6.25
84	MP3B	Mx	-.056	6.25
85	MP3C	X	-51.731	1.25
86	MP3C	Z	-89.601	1.25
87	MP3C	Mx	-.04	1.25
88	MP3C	X	-51.731	6.25
89	MP3C	Z	-89.601	6.25
90	MP3C	Mx	-.04	6.25
91	MP3A	X	-32.718	3.75
92	MP3A	Z	-56.669	3.75
93	MP3A	Mx	-.011	3.75
94	MP3B	X	-32.718	3.75
95	MP3B	Z	-56.669	3.75
96	MP3B	Mx	-.011	3.75
97	MP3C	X	-23.847	3.75
98	MP3C	Z	-41.304	3.75
99	MP3C	Mx	.016	3.75
100	MP2A	X	-31.585	3.75
101	MP2A	Z	-54.707	3.75
102	MP2A	Mx	-.011	3.75
103	MP2B	X	-31.585	3.75
104	MP2B	Z	-54.707	3.75
105	MP2B	Mx	-.011	3.75
106	MP2C	X	-19.316	3.75
107	MP2C	Z	-33.456	3.75
108	MP2C	Mx	.013	3.75
109	MP3A	X	-16.698	.5
110	MP3A	Z	-28.921	.5
111	MP3A	Mx	-.006	.5
112	MP3B	X	-16.698	.5
113	MP3B	Z	-28.921	.5
114	MP3B	Mx	-.006	.5
115	MP3C	X	-9.559	.5
116	MP3C	Z	-16.557	.5
117	MP3C	Mx	.006	.5
118	OVP	X	-66.192	2
119	OVP	Z	-114.648	2
120	OVP	Mx	-.022	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	0	2
2	MP1C	Z	-22.125	2
3	MP1C	Mx	-.011	2
4	MP1C	X	0	5.5
5	MP1C	Z	-22.125	5.5
6	MP1C	Mx	-.011	5.5
7	MP4C	X	0	2
8	MP4C	Z	-22.125	2
9	MP4C	Mx	-.011	2
10	MP4C	X	0	5.5
11	MP4C	Z	-22.125	5.5
12	MP4C	Mx	-.011	5.5
13	MP1A	X	0	2
14	MP1A	Z	-11.952	2
15	MP1A	Mx	0	2
16	MP1A	X	0	5.5
17	MP1A	Z	-11.952	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1A	Mx	0	5.5
19	MP1B	X	0	2
20	MP1B	Z	-14.503	2
21	MP1B	Mx	.004	2
22	MP1B	X	0	5.5
23	MP1B	Z	-14.503	5.5
24	MP1B	Mx	.004	5.5
25	MP4A	X	0	2
26	MP4A	Z	-11.952	2
27	MP4A	Mx	0	2
28	MP4A	X	0	5.5
29	MP4A	Z	-11.952	5.5
30	MP4A	Mx	0	5.5
31	MP4B	X	0	2
32	MP4B	Z	-14.503	2
33	MP4B	Mx	.004	2
34	MP4B	X	0	5.5
35	MP4B	Z	-14.503	5.5
36	MP4B	Mx	.004	5.5
37	MP2A	X	0	2.75
38	MP2A	Z	-19.517	2.75
39	MP2A	Mx	0	2.75
40	MP2A	X	0	4.75
41	MP2A	Z	-19.517	4.75
42	MP2A	Mx	0	4.75
43	MP2B	X	0	2.75
44	MP2B	Z	-11.358	2.75
45	MP2B	Mx	.005	2.75
46	MP2B	X	0	4.75
47	MP2B	Z	-11.358	4.75
48	MP2B	Mx	.005	4.75
49	MP2C	X	0	2.75
50	MP2C	Z	-11.358	2.75
51	MP2C	Mx	-.005	2.75
52	MP2C	X	0	4.75
53	MP2C	Z	-11.358	4.75
54	MP2C	Mx	-.005	4.75
55	MP3A	X	0	1.25
56	MP3A	Z	-32.48	1.25
57	MP3A	Mx	-.019	1.25
58	MP3A	X	0	6.25
59	MP3A	Z	-32.48	6.25
60	MP3A	Mx	-.019	6.25
61	MP3B	X	0	1.25
62	MP3B	Z	-25.22	1.25
63	MP3B	Mx	.018	1.25
64	MP3B	X	0	6.25
65	MP3B	Z	-25.22	6.25
66	MP3B	Mx	.018	6.25
67	MP3C	X	0	1.25
68	MP3C	Z	-25.22	1.25
69	MP3C	Mx	-.004	1.25
70	MP3C	X	0	6.25
71	MP3C	Z	-25.22	6.25
72	MP3C	Mx	-.004	6.25
73	MP3A	X	0	1.25
74	MP3A	Z	-32.48	1.25
75	MP3A	Mx	.019	1.25
76	MP3A	X	0	6.25
77	MP3A	Z	-32.48	6.25
78	MP3A	Mx	.019	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP3B	X	0	1.25
80	MP3B	Z	-26.799	1.25
81	MP3B	Mx	.000216	1.25
82	MP3B	X	0	6.25
83	MP3B	Z	-26.799	6.25
84	MP3B	Mx	.000216	6.25
85	MP3C	X	0	1.25
86	MP3C	Z	-23.932	1.25
87	MP3C	Mx	-.016	1.25
88	MP3C	X	0	6.25
89	MP3C	Z	-23.932	6.25
90	MP3C	Mx	-.016	6.25
91	MP3A	X	0	3.75
92	MP3A	Z	-16.868	3.75
93	MP3A	Mx	0	3.75
94	MP3B	X	0	3.75
95	MP3B	Z	-13.174	3.75
96	MP3B	Mx	-.004	3.75
97	MP3C	X	0	3.75
98	MP3C	Z	-13.174	3.75
99	MP3C	Mx	.004	3.75
100	MP2A	X	0	3.75
101	MP2A	Z	-16.868	3.75
102	MP2A	Mx	0	3.75
103	MP2B	X	0	3.75
104	MP2B	Z	-11.771	3.75
105	MP2B	Mx	-.003	3.75
106	MP2C	X	0	3.75
107	MP2C	Z	-11.771	3.75
108	MP2C	Mx	.003	3.75
109	MP3A	X	0	.5
110	MP3A	Z	-9.889	.5
111	MP3A	Mx	0	.5
112	MP3B	X	0	.5
113	MP3B	Z	-6.85	.5
114	MP3B	Mx	-.002	.5
115	MP3C	X	0	.5
116	MP3C	Z	-6.85	.5
117	MP3C	Mx	.002	.5
118	OVP	X	0	2
119	OVP	Z	-31.814	2
120	OVP	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	11.408	2
2	MP1C	Z	-19.759	2
3	MP1C	Mx	-.01	2
4	MP1C	X	11.408	5.5
5	MP1C	Z	-19.759	5.5
6	MP1C	Mx	-.01	5.5
7	MP4C	X	11.408	2
8	MP4C	Z	-19.759	2
9	MP4C	Mx	-.01	2
10	MP4C	X	11.408	5.5
11	MP4C	Z	-19.759	5.5
12	MP4C	Mx	-.01	5.5
13	MP1A	X	7.252	2
14	MP1A	Z	-12.56	2
15	MP1A	Mx	-.004	2
16	MP1A	X	7.252	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1A	Z	-12.56	5.5
18	MP1A	Mx	-.004	5.5
19	MP1B	X	9.803	2
20	MP1B	Z	-16.979	2
21	MP1B	Mx	.008	2
22	MP1B	X	9.803	5.5
23	MP1B	Z	-16.979	5.5
24	MP1B	Mx	.008	5.5
25	MP4A	X	7.252	2
26	MP4A	Z	-12.56	2
27	MP4A	Mx	-.004	2
28	MP4A	X	7.252	5.5
29	MP4A	Z	-12.56	5.5
30	MP4A	Mx	-.004	5.5
31	MP4B	X	9.803	2
32	MP4B	Z	-16.979	2
33	MP4B	Mx	.008	2
34	MP4B	X	9.803	5.5
35	MP4B	Z	-16.979	5.5
36	MP4B	Mx	.008	5.5
37	MP2A	X	8.399	2.75
38	MP2A	Z	-14.547	2.75
39	MP2A	Mx	-.004	2.75
40	MP2A	X	8.399	4.75
41	MP2A	Z	-14.547	4.75
42	MP2A	Mx	-.004	4.75
43	MP2B	X	4.319	2.75
44	MP2B	Z	-7.481	2.75
45	MP2B	Mx	.004	2.75
46	MP2B	X	4.319	4.75
47	MP2B	Z	-7.481	4.75
48	MP2B	Mx	.004	4.75
49	MP2C	X	8.399	2.75
50	MP2C	Z	-14.547	2.75
51	MP2C	Mx	-.004	2.75
52	MP2C	X	8.399	4.75
53	MP2C	Z	-14.547	4.75
54	MP2C	Mx	-.004	4.75
55	MP3A	X	15.03	1.25
56	MP3A	Z	-26.032	1.25
57	MP3A	Mx	-.023	1.25
58	MP3A	X	15.03	6.25
59	MP3A	Z	-26.032	6.25
60	MP3A	Mx	-.023	6.25
61	MP3B	X	11.4	1.25
62	MP3B	Z	-19.745	1.25
63	MP3B	Mx	.011	1.25
64	MP3B	X	11.4	6.25
65	MP3B	Z	-19.745	6.25
66	MP3B	Mx	.011	6.25
67	MP3C	X	15.03	1.25
68	MP3C	Z	-26.032	1.25
69	MP3C	Mx	.008	1.25
70	MP3C	X	15.03	6.25
71	MP3C	Z	-26.032	6.25
72	MP3C	Mx	.008	6.25
73	MP3A	X	15.03	1.25
74	MP3A	Z	-26.032	1.25
75	MP3A	Mx	.008	1.25
76	MP3A	X	15.03	6.25
77	MP3A	Z	-26.032	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP3A	Mx	.008	6.25
79	MP3B	X	11.546	1.25
80	MP3B	Z	-19.998	1.25
81	MP3B	Mx	.009	1.25
82	MP3B	X	11.546	6.25
83	MP3B	Z	-19.998	6.25
84	MP3B	Mx	.009	6.25
85	MP3C	X	14.24	1.25
86	MP3C	Z	-24.665	1.25
87	MP3C	Mx	-.022	1.25
88	MP3C	X	14.24	6.25
89	MP3C	Z	-24.665	6.25
90	MP3C	Mx	-.022	6.25
91	MP3A	X	7.818	3.75
92	MP3A	Z	-13.542	3.75
93	MP3A	Mx	.003	3.75
94	MP3B	X	5.972	3.75
95	MP3B	Z	-10.343	3.75
96	MP3B	Mx	-.004	3.75
97	MP3C	X	7.818	3.75
98	MP3C	Z	-13.542	3.75
99	MP3C	Mx	.003	3.75
100	MP2A	X	7.584	3.75
101	MP2A	Z	-13.137	3.75
102	MP2A	Mx	.003	3.75
103	MP2B	X	5.036	3.75
104	MP2B	Z	-8.722	3.75
105	MP2B	Mx	-.003	3.75
106	MP2C	X	7.584	3.75
107	MP2C	Z	-13.137	3.75
108	MP2C	Mx	.003	3.75
109	MP3A	X	4.438	.5
110	MP3A	Z	-7.687	.5
111	MP3A	Mx	.001	.5
112	MP3B	X	2.918	.5
113	MP3B	Z	-5.055	.5
114	MP3B	Mx	-.002	.5
115	MP3C	X	4.438	.5
116	MP3C	Z	-7.687	.5
117	MP3C	Mx	.001	.5
118	OVP	X	14.697	2
119	OVP	Z	-25.456	2
120	OVP	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	20.955	2
2	MP1C	Z	-12.098	2
3	MP1C	Mx	-.006	2
4	MP1C	X	20.955	5.5
5	MP1C	Z	-12.098	5.5
6	MP1C	Mx	-.006	5.5
7	MP4C	X	20.955	2
8	MP4C	Z	-12.098	2
9	MP4C	Mx	-.006	2
10	MP4C	X	20.955	5.5
11	MP4C	Z	-12.098	5.5
12	MP4C	Mx	-.006	5.5
13	MP1A	X	16.979	2
14	MP1A	Z	-9.803	2
15	MP1A	Mx	-.008	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP1A	X	16.979	5.5
17	MP1A	Z	-9.803	5.5
18	MP1A	Mx	-.008	5.5
19	MP1B	X	19.189	2
20	MP1B	Z	-11.079	2
21	MP1B	Mx	.011	2
22	MP1B	X	19.189	5.5
23	MP1B	Z	-11.079	5.5
24	MP1B	Mx	.011	5.5
25	MP4A	X	16.979	2
26	MP4A	Z	-9.803	2
27	MP4A	Mx	-.008	2
28	MP4A	X	16.979	5.5
29	MP4A	Z	-9.803	5.5
30	MP4A	Mx	-.008	5.5
31	MP4B	X	19.189	2
32	MP4B	Z	-11.079	2
33	MP4B	Mx	.011	2
34	MP4B	X	19.189	5.5
35	MP4B	Z	-11.079	5.5
36	MP4B	Mx	.011	5.5
37	MP2A	X	9.836	2.75
38	MP2A	Z	-5.679	2.75
39	MP2A	Mx	-.005	2.75
40	MP2A	X	9.836	4.75
41	MP2A	Z	-5.679	4.75
42	MP2A	Mx	-.005	4.75
43	MP2B	X	9.836	2.75
44	MP2B	Z	-5.679	2.75
45	MP2B	Mx	.005	2.75
46	MP2B	X	9.836	4.75
47	MP2B	Z	-5.679	4.75
48	MP2B	Mx	.005	4.75
49	MP2C	X	16.902	2.75
50	MP2C	Z	-9.758	2.75
51	MP2C	Mx	0	2.75
52	MP2C	X	16.902	4.75
53	MP2C	Z	-9.758	4.75
54	MP2C	Mx	0	4.75
55	MP3A	X	21.841	1.25
56	MP3A	Z	-12.61	1.25
57	MP3A	Mx	-.018	1.25
58	MP3A	X	21.841	6.25
59	MP3A	Z	-12.61	6.25
60	MP3A	Mx	-.018	6.25
61	MP3B	X	21.841	1.25
62	MP3B	Z	-12.61	1.25
63	MP3B	Mx	.004	1.25
64	MP3B	X	21.841	6.25
65	MP3B	Z	-12.61	6.25
66	MP3B	Mx	.004	6.25
67	MP3C	X	28.128	1.25
68	MP3C	Z	-16.24	1.25
69	MP3C	Mx	.019	1.25
70	MP3C	X	28.128	6.25
71	MP3C	Z	-16.24	6.25
72	MP3C	Mx	.019	6.25
73	MP3A	X	21.841	1.25
74	MP3A	Z	-12.61	1.25
75	MP3A	Mx	-.004	1.25
76	MP3A	X	21.841	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP3A	Z	-12.61	6.25
78	MP3A	Mx	-.004	6.25
79	MP3B	X	20.726	1.25
80	MP3B	Z	-11.966	1.25
81	MP3B	Mx	.016	1.25
82	MP3B	X	20.726	6.25
83	MP3B	Z	-11.966	6.25
84	MP3B	Mx	.016	6.25
85	MP3C	X	27.875	1.25
86	MP3C	Z	-16.094	1.25
87	MP3C	Mx	-.021	1.25
88	MP3C	X	27.875	6.25
89	MP3C	Z	-16.094	6.25
90	MP3C	Mx	-.021	6.25
91	MP3A	X	11.409	3.75
92	MP3A	Z	-6.587	3.75
93	MP3A	Mx	.004	3.75
94	MP3B	X	11.409	3.75
95	MP3B	Z	-6.587	3.75
96	MP3B	Mx	-.004	3.75
97	MP3C	X	14.608	3.75
98	MP3C	Z	-8.434	3.75
99	MP3C	Mx	0	3.75
100	MP2A	X	10.194	3.75
101	MP2A	Z	-5.885	3.75
102	MP2A	Mx	.003	3.75
103	MP2B	X	10.194	3.75
104	MP2B	Z	-5.885	3.75
105	MP2B	Mx	-.003	3.75
106	MP2C	X	14.608	3.75
107	MP2C	Z	-8.434	3.75
108	MP2C	Mx	0	3.75
109	MP3A	X	5.932	.5
110	MP3A	Z	-3.425	.5
111	MP3A	Mx	.002	.5
112	MP3B	X	5.932	.5
113	MP3B	Z	-3.425	.5
114	MP3B	Mx	-.002	.5
115	MP3C	X	8.565	.5
116	MP3C	Z	-4.945	.5
117	MP3C	Mx	0	.5
118	OVP	X	21.266	2
119	OVP	Z	-12.278	2
120	OVP	Mx	.007	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	24.887	2
2	MP1C	Z	0	2
3	MP1C	Mx	0	2
4	MP1C	X	24.887	5.5
5	MP1C	Z	0	5.5
6	MP1C	Mx	0	5.5
7	MP4C	X	24.887	2
8	MP4C	Z	0	2
9	MP4C	Mx	0	2
10	MP4C	X	24.887	5.5
11	MP4C	Z	0	5.5
12	MP4C	Mx	0	5.5
13	MP1A	X	22.157	2
14	MP1A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP1A	Mx	-.011	2
16	MP1A	X	22.157	5.5
17	MP1A	Z	0	5.5
18	MP1A	Mx	-.011	5.5
19	MP1B	X	19.606	2
20	MP1B	Z	0	2
21	MP1B	Mx	.008	2
22	MP1B	X	19.606	5.5
23	MP1B	Z	0	5.5
24	MP1B	Mx	.008	5.5
25	MP4A	X	22.157	2
26	MP4A	Z	0	2
27	MP4A	Mx	-.011	2
28	MP4A	X	22.157	5.5
29	MP4A	Z	0	5.5
30	MP4A	Mx	-.011	5.5
31	MP4B	X	19.606	2
32	MP4B	Z	0	2
33	MP4B	Mx	.008	2
34	MP4B	X	19.606	5.5
35	MP4B	Z	0	5.5
36	MP4B	Mx	.008	5.5
37	MP2A	X	8.639	2.75
38	MP2A	Z	0	2.75
39	MP2A	Mx	-.004	2.75
40	MP2A	X	8.639	4.75
41	MP2A	Z	0	4.75
42	MP2A	Mx	-.004	4.75
43	MP2B	X	16.797	2.75
44	MP2B	Z	0	2.75
45	MP2B	Mx	.004	2.75
46	MP2B	X	16.797	4.75
47	MP2B	Z	0	4.75
48	MP2B	Mx	.004	4.75
49	MP2C	X	16.797	2.75
50	MP2C	Z	0	2.75
51	MP2C	Mx	.004	2.75
52	MP2C	X	16.797	4.75
53	MP2C	Z	0	4.75
54	MP2C	Mx	.004	4.75
55	MP3A	X	22.8	1.25
56	MP3A	Z	0	1.25
57	MP3A	Mx	-.011	1.25
58	MP3A	X	22.8	6.25
59	MP3A	Z	0	6.25
60	MP3A	Mx	-.011	6.25
61	MP3B	X	30.06	1.25
62	MP3B	Z	0	1.25
63	MP3B	Mx	-.008	1.25
64	MP3B	X	30.06	6.25
65	MP3B	Z	0	6.25
66	MP3B	Mx	-.008	6.25
67	MP3C	X	30.06	1.25
68	MP3C	Z	0	1.25
69	MP3C	Mx	.023	1.25
70	MP3C	X	30.06	6.25
71	MP3C	Z	0	6.25
72	MP3C	Mx	.023	6.25
73	MP3A	X	22.8	1.25
74	MP3A	Z	0	1.25
75	MP3A	Mx	-.011	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP3A	X	22.8	6.25
77	MP3A	Z	0	6.25
78	MP3A	Mx	-.011	6.25
79	MP3B	X	28.48	1.25
80	MP3B	Z	0	1.25
81	MP3B	Mx	.022	1.25
82	MP3B	X	28.48	6.25
83	MP3B	Z	0	6.25
84	MP3B	Mx	.022	6.25
85	MP3C	X	31.347	1.25
86	MP3C	Z	0	1.25
87	MP3C	Mx	-.012	1.25
88	MP3C	X	31.347	6.25
89	MP3C	Z	0	6.25
90	MP3C	Mx	-.012	6.25
91	MP3A	X	11.943	3.75
92	MP3A	Z	0	3.75
93	MP3A	Mx	.004	3.75
94	MP3B	X	15.637	3.75
95	MP3B	Z	0	3.75
96	MP3B	Mx	-.003	3.75
97	MP3C	X	15.637	3.75
98	MP3C	Z	0	3.75
99	MP3C	Mx	-.003	3.75
100	MP2A	X	10.072	3.75
101	MP2A	Z	0	3.75
102	MP2A	Mx	.003	3.75
103	MP2B	X	15.169	3.75
104	MP2B	Z	0	3.75
105	MP2B	Mx	-.003	3.75
106	MP2C	X	15.169	3.75
107	MP2C	Z	0	3.75
108	MP2C	Mx	-.003	3.75
109	MP3A	X	5.837	.5
110	MP3A	Z	0	.5
111	MP3A	Mx	.002	.5
112	MP3B	X	8.876	.5
113	MP3B	Z	0	.5
114	MP3B	Mx	-.001	.5
115	MP3C	X	8.876	.5
116	MP3C	Z	0	.5
117	MP3C	Mx	-.001	.5
118	OVP	X	22.136	2
119	OVP	Z	0	2
120	OVP	Mx	.007	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	20.955	2
2	MP1C	Z	12.098	2
3	MP1C	Mx	.006	2
4	MP1C	X	20.955	5.5
5	MP1C	Z	12.098	5.5
6	MP1C	Mx	.006	5.5
7	MP4C	X	20.955	2
8	MP4C	Z	12.098	2
9	MP4C	Mx	.006	2
10	MP4C	X	20.955	5.5
11	MP4C	Z	12.098	5.5
12	MP4C	Mx	.006	5.5
13	MP1A	X	16.979	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP1A	Z	9.803	2
15	MP1A	Mx	-.008	2
16	MP1A	X	16.979	5.5
17	MP1A	Z	9.803	5.5
18	MP1A	Mx	-.008	5.5
19	MP1B	X	12.56	2
20	MP1B	Z	7.252	2
21	MP1B	Mx	.004	2
22	MP1B	X	12.56	5.5
23	MP1B	Z	7.252	5.5
24	MP1B	Mx	.004	5.5
25	MP4A	X	16.979	2
26	MP4A	Z	9.803	2
27	MP4A	Mx	-.008	2
28	MP4A	X	16.979	5.5
29	MP4A	Z	9.803	5.5
30	MP4A	Mx	-.008	5.5
31	MP4B	X	12.56	2
32	MP4B	Z	7.252	2
33	MP4B	Mx	.004	2
34	MP4B	X	12.56	5.5
35	MP4B	Z	7.252	5.5
36	MP4B	Mx	.004	5.5
37	MP2A	X	9.836	2.75
38	MP2A	Z	5.679	2.75
39	MP2A	Mx	-.005	2.75
40	MP2A	X	9.836	4.75
41	MP2A	Z	5.679	4.75
42	MP2A	Mx	-.005	4.75
43	MP2B	X	16.902	2.75
44	MP2B	Z	9.758	2.75
45	MP2B	Mx	0	2.75
46	MP2B	X	16.902	4.75
47	MP2B	Z	9.758	4.75
48	MP2B	Mx	0	4.75
49	MP2C	X	9.836	2.75
50	MP2C	Z	5.679	2.75
51	MP2C	Mx	.005	2.75
52	MP2C	X	9.836	4.75
53	MP2C	Z	5.679	4.75
54	MP2C	Mx	.005	4.75
55	MP3A	X	21.841	1.25
56	MP3A	Z	12.61	1.25
57	MP3A	Mx	-.004	1.25
58	MP3A	X	21.841	6.25
59	MP3A	Z	12.61	6.25
60	MP3A	Mx	-.004	6.25
61	MP3B	X	28.128	1.25
62	MP3B	Z	16.24	1.25
63	MP3B	Mx	-.019	1.25
64	MP3B	X	28.128	6.25
65	MP3B	Z	16.24	6.25
66	MP3B	Mx	-.019	6.25
67	MP3C	X	21.841	1.25
68	MP3C	Z	12.61	1.25
69	MP3C	Mx	.018	1.25
70	MP3C	X	21.841	6.25
71	MP3C	Z	12.61	6.25
72	MP3C	Mx	.018	6.25
73	MP3A	X	21.841	1.25
74	MP3A	Z	12.61	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3A	Mx	-.018	1.25
76	MP3A	X	21.841	6.25
77	MP3A	Z	12.61	6.25
78	MP3A	Mx	-.018	6.25
79	MP3B	X	27.875	1.25
80	MP3B	Z	16.094	1.25
81	MP3B	Mx	.021	1.25
82	MP3B	X	27.875	6.25
83	MP3B	Z	16.094	6.25
84	MP3B	Mx	.021	6.25
85	MP3C	X	23.209	1.25
86	MP3C	Z	13.4	1.25
87	MP3C	Mx	.000216	1.25
88	MP3C	X	23.209	6.25
89	MP3C	Z	13.4	6.25
90	MP3C	Mx	.000216	6.25
91	MP3A	X	11.409	3.75
92	MP3A	Z	6.587	3.75
93	MP3A	Mx	.004	3.75
94	MP3B	X	14.608	3.75
95	MP3B	Z	8.434	3.75
96	MP3B	Mx	0	3.75
97	MP3C	X	11.409	3.75
98	MP3C	Z	6.587	3.75
99	MP3C	Mx	-.004	3.75
100	MP2A	X	10.194	3.75
101	MP2A	Z	5.885	3.75
102	MP2A	Mx	.003	3.75
103	MP2B	X	14.608	3.75
104	MP2B	Z	8.434	3.75
105	MP2B	Mx	0	3.75
106	MP2C	X	10.194	3.75
107	MP2C	Z	5.885	3.75
108	MP2C	Mx	-.003	3.75
109	MP3A	X	5.932	.5
110	MP3A	Z	3.425	.5
111	MP3A	Mx	.002	.5
112	MP3B	X	8.565	.5
113	MP3B	Z	4.945	.5
114	MP3B	Mx	0	.5
115	MP3C	X	5.932	.5
116	MP3C	Z	3.425	.5
117	MP3C	Mx	-.002	.5
118	OVP	X	21.266	2
119	OVP	Z	12.278	2
120	OVP	Mx	.007	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	11.408	2
2	MP1C	Z	19.759	2
3	MP1C	Mx	.01	2
4	MP1C	X	11.408	5.5
5	MP1C	Z	19.759	5.5
6	MP1C	Mx	.01	5.5
7	MP4C	X	11.408	2
8	MP4C	Z	19.759	2
9	MP4C	Mx	.01	2
10	MP4C	X	11.408	5.5
11	MP4C	Z	19.759	5.5
12	MP4C	Mx	.01	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1A	X	7.252	2
14	MP1A	Z	12.56	2
15	MP1A	Mx	-.004	2
16	MP1A	X	7.252	5.5
17	MP1A	Z	12.56	5.5
18	MP1A	Mx	-.004	5.5
19	MP1B	X	5.976	2
20	MP1B	Z	10.35	2
21	MP1B	Mx	0	2
22	MP1B	X	5.976	5.5
23	MP1B	Z	10.35	5.5
24	MP1B	Mx	0	5.5
25	MP4A	X	7.252	2
26	MP4A	Z	12.56	2
27	MP4A	Mx	-.004	2
28	MP4A	X	7.252	5.5
29	MP4A	Z	12.56	5.5
30	MP4A	Mx	-.004	5.5
31	MP4B	X	5.976	2
32	MP4B	Z	10.35	2
33	MP4B	Mx	0	2
34	MP4B	X	5.976	5.5
35	MP4B	Z	10.35	5.5
36	MP4B	Mx	0	5.5
37	MP2A	X	8.399	2.75
38	MP2A	Z	14.547	2.75
39	MP2A	Mx	-.004	2.75
40	MP2A	X	8.399	4.75
41	MP2A	Z	14.547	4.75
42	MP2A	Mx	-.004	4.75
43	MP2B	X	8.399	2.75
44	MP2B	Z	14.547	2.75
45	MP2B	Mx	-.004	2.75
46	MP2B	X	8.399	4.75
47	MP2B	Z	14.547	4.75
48	MP2B	Mx	-.004	4.75
49	MP2C	X	4.319	2.75
50	MP2C	Z	7.481	2.75
51	MP2C	Mx	.004	2.75
52	MP2C	X	4.319	4.75
53	MP2C	Z	7.481	4.75
54	MP2C	Mx	.004	4.75
55	MP3A	X	15.03	1.25
56	MP3A	Z	26.032	1.25
57	MP3A	Mx	.008	1.25
58	MP3A	X	15.03	6.25
59	MP3A	Z	26.032	6.25
60	MP3A	Mx	.008	6.25
61	MP3B	X	15.03	1.25
62	MP3B	Z	26.032	1.25
63	MP3B	Mx	-.023	1.25
64	MP3B	X	15.03	6.25
65	MP3B	Z	26.032	6.25
66	MP3B	Mx	-.023	6.25
67	MP3C	X	11.4	1.25
68	MP3C	Z	19.745	1.25
69	MP3C	Mx	.011	1.25
70	MP3C	X	11.4	6.25
71	MP3C	Z	19.745	6.25
72	MP3C	Mx	.011	6.25
73	MP3A	X	15.03	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3A	Z	26.032	1.25
75	MP3A	Mx	-.023	1.25
76	MP3A	X	15.03	6.25
77	MP3A	Z	26.032	6.25
78	MP3A	Mx	-.023	6.25
79	MP3B	X	15.674	1.25
80	MP3B	Z	27.148	1.25
81	MP3B	Mx	.012	1.25
82	MP3B	X	15.674	6.25
83	MP3B	Z	27.148	6.25
84	MP3B	Mx	.012	6.25
85	MP3C	X	11.546	1.25
86	MP3C	Z	19.998	1.25
87	MP3C	Mx	.009	1.25
88	MP3C	X	11.546	6.25
89	MP3C	Z	19.998	6.25
90	MP3C	Mx	.009	6.25
91	MP3A	X	7.818	3.75
92	MP3A	Z	13.542	3.75
93	MP3A	Mx	.003	3.75
94	MP3B	X	7.818	3.75
95	MP3B	Z	13.542	3.75
96	MP3B	Mx	.003	3.75
97	MP3C	X	5.972	3.75
98	MP3C	Z	10.343	3.75
99	MP3C	Mx	-.004	3.75
100	MP2A	X	7.584	3.75
101	MP2A	Z	13.137	3.75
102	MP2A	Mx	.003	3.75
103	MP2B	X	7.584	3.75
104	MP2B	Z	13.137	3.75
105	MP2B	Mx	.003	3.75
106	MP2C	X	5.036	3.75
107	MP2C	Z	8.722	3.75
108	MP2C	Mx	-.003	3.75
109	MP3A	X	4.438	.5
110	MP3A	Z	7.687	.5
111	MP3A	Mx	.001	.5
112	MP3B	X	4.438	.5
113	MP3B	Z	7.687	.5
114	MP3B	Mx	.001	.5
115	MP3C	X	2.918	.5
116	MP3C	Z	5.055	.5
117	MP3C	Mx	-.002	.5
118	OVP	X	14.697	2
119	OVP	Z	25.456	2
120	OVP	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	0	2
2	MP1C	Z	22.125	2
3	MP1C	Mx	.011	2
4	MP1C	X	0	5.5
5	MP1C	Z	22.125	5.5
6	MP1C	Mx	.011	5.5
7	MP4C	X	0	2
8	MP4C	Z	22.125	2
9	MP4C	Mx	.011	2
10	MP4C	X	0	5.5
11	MP4C	Z	22.125	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP4C	Mx	.011	5.5
13	MP1A	X	0	2
14	MP1A	Z	11.952	2
15	MP1A	Mx	0	2
16	MP1A	X	0	5.5
17	MP1A	Z	11.952	5.5
18	MP1A	Mx	0	5.5
19	MP1B	X	0	2
20	MP1B	Z	14.503	2
21	MP1B	Mx	-.004	2
22	MP1B	X	0	5.5
23	MP1B	Z	14.503	5.5
24	MP1B	Mx	-.004	5.5
25	MP4A	X	0	2
26	MP4A	Z	11.952	2
27	MP4A	Mx	0	2
28	MP4A	X	0	5.5
29	MP4A	Z	11.952	5.5
30	MP4A	Mx	0	5.5
31	MP4B	X	0	2
32	MP4B	Z	14.503	2
33	MP4B	Mx	-.004	2
34	MP4B	X	0	5.5
35	MP4B	Z	14.503	5.5
36	MP4B	Mx	-.004	5.5
37	MP2A	X	0	2.75
38	MP2A	Z	19.517	2.75
39	MP2A	Mx	0	2.75
40	MP2A	X	0	4.75
41	MP2A	Z	19.517	4.75
42	MP2A	Mx	0	4.75
43	MP2B	X	0	2.75
44	MP2B	Z	11.358	2.75
45	MP2B	Mx	-.005	2.75
46	MP2B	X	0	4.75
47	MP2B	Z	11.358	4.75
48	MP2B	Mx	-.005	4.75
49	MP2C	X	0	2.75
50	MP2C	Z	11.358	2.75
51	MP2C	Mx	.005	2.75
52	MP2C	X	0	4.75
53	MP2C	Z	11.358	4.75
54	MP2C	Mx	.005	4.75
55	MP3A	X	0	1.25
56	MP3A	Z	32.48	1.25
57	MP3A	Mx	.019	1.25
58	MP3A	X	0	6.25
59	MP3A	Z	32.48	6.25
60	MP3A	Mx	.019	6.25
61	MP3B	X	0	1.25
62	MP3B	Z	25.22	1.25
63	MP3B	Mx	-.018	1.25
64	MP3B	X	0	6.25
65	MP3B	Z	25.22	6.25
66	MP3B	Mx	-.018	6.25
67	MP3C	X	0	1.25
68	MP3C	Z	25.22	1.25
69	MP3C	Mx	.004	1.25
70	MP3C	X	0	6.25
71	MP3C	Z	25.22	6.25
72	MP3C	Mx	.004	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP3A	X	0	1.25
74	MP3A	Z	32.48	1.25
75	MP3A	Mx	-.019	1.25
76	MP3A	X	0	6.25
77	MP3A	Z	32.48	6.25
78	MP3A	Mx	-.019	6.25
79	MP3B	X	0	1.25
80	MP3B	Z	26.799	1.25
81	MP3B	Mx	-.000216	1.25
82	MP3B	X	0	6.25
83	MP3B	Z	26.799	6.25
84	MP3B	Mx	-.000216	6.25
85	MP3C	X	0	1.25
86	MP3C	Z	23.932	1.25
87	MP3C	Mx	.016	1.25
88	MP3C	X	0	6.25
89	MP3C	Z	23.932	6.25
90	MP3C	Mx	.016	6.25
91	MP3A	X	0	3.75
92	MP3A	Z	16.868	3.75
93	MP3A	Mx	0	3.75
94	MP3B	X	0	3.75
95	MP3B	Z	13.174	3.75
96	MP3B	Mx	.004	3.75
97	MP3C	X	0	3.75
98	MP3C	Z	13.174	3.75
99	MP3C	Mx	-.004	3.75
100	MP2A	X	0	3.75
101	MP2A	Z	16.868	3.75
102	MP2A	Mx	0	3.75
103	MP2B	X	0	3.75
104	MP2B	Z	11.771	3.75
105	MP2B	Mx	.003	3.75
106	MP2C	X	0	3.75
107	MP2C	Z	11.771	3.75
108	MP2C	Mx	-.003	3.75
109	MP3A	X	0	.5
110	MP3A	Z	9.889	.5
111	MP3A	Mx	0	.5
112	MP3B	X	0	.5
113	MP3B	Z	6.85	.5
114	MP3B	Mx	.002	.5
115	MP3C	X	0	.5
116	MP3C	Z	6.85	.5
117	MP3C	Mx	-.002	.5
118	OVP	X	0	2
119	OVP	Z	31.814	2
120	OVP	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-11.408	2
2	MP1C	Z	19.759	2
3	MP1C	Mx	.01	2
4	MP1C	X	-11.408	5.5
5	MP1C	Z	19.759	5.5
6	MP1C	Mx	.01	5.5
7	MP4C	X	-11.408	2
8	MP4C	Z	19.759	2
9	MP4C	Mx	.01	2
10	MP4C	X	-11.408	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP4C	Z	19.759	5.5
12	MP4C	Mx	.01	5.5
13	MP1A	X	-7.252	2
14	MP1A	Z	12.56	2
15	MP1A	Mx	.004	2
16	MP1A	X	-7.252	5.5
17	MP1A	Z	12.56	5.5
18	MP1A	Mx	.004	5.5
19	MP1B	X	-9.803	2
20	MP1B	Z	16.979	2
21	MP1B	Mx	-.008	2
22	MP1B	X	-9.803	5.5
23	MP1B	Z	16.979	5.5
24	MP1B	Mx	-.008	5.5
25	MP4A	X	-7.252	2
26	MP4A	Z	12.56	2
27	MP4A	Mx	.004	2
28	MP4A	X	-7.252	5.5
29	MP4A	Z	12.56	5.5
30	MP4A	Mx	.004	5.5
31	MP4B	X	-9.803	2
32	MP4B	Z	16.979	2
33	MP4B	Mx	-.008	2
34	MP4B	X	-9.803	5.5
35	MP4B	Z	16.979	5.5
36	MP4B	Mx	-.008	5.5
37	MP2A	X	-8.399	2.75
38	MP2A	Z	14.547	2.75
39	MP2A	Mx	.004	2.75
40	MP2A	X	-8.399	4.75
41	MP2A	Z	14.547	4.75
42	MP2A	Mx	.004	4.75
43	MP2B	X	-4.319	2.75
44	MP2B	Z	7.481	2.75
45	MP2B	Mx	-.004	2.75
46	MP2B	X	-4.319	4.75
47	MP2B	Z	7.481	4.75
48	MP2B	Mx	-.004	4.75
49	MP2C	X	-8.399	2.75
50	MP2C	Z	14.547	2.75
51	MP2C	Mx	.004	2.75
52	MP2C	X	-8.399	4.75
53	MP2C	Z	14.547	4.75
54	MP2C	Mx	.004	4.75
55	MP3A	X	-15.03	1.25
56	MP3A	Z	26.032	1.25
57	MP3A	Mx	.023	1.25
58	MP3A	X	-15.03	6.25
59	MP3A	Z	26.032	6.25
60	MP3A	Mx	.023	6.25
61	MP3B	X	-11.4	1.25
62	MP3B	Z	19.745	1.25
63	MP3B	Mx	-.011	1.25
64	MP3B	X	-11.4	6.25
65	MP3B	Z	19.745	6.25
66	MP3B	Mx	-.011	6.25
67	MP3C	X	-15.03	1.25
68	MP3C	Z	26.032	1.25
69	MP3C	Mx	-.008	1.25
70	MP3C	X	-15.03	6.25
71	MP3C	Z	26.032	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP3C	Mx	-.008	6.25
73	MP3A	X	-15.03	1.25
74	MP3A	Z	26.032	1.25
75	MP3A	Mx	-.008	1.25
76	MP3A	X	-15.03	6.25
77	MP3A	Z	26.032	6.25
78	MP3A	Mx	-.008	6.25
79	MP3B	X	-11.546	1.25
80	MP3B	Z	19.998	1.25
81	MP3B	Mx	-.009	1.25
82	MP3B	X	-11.546	6.25
83	MP3B	Z	19.998	6.25
84	MP3B	Mx	-.009	6.25
85	MP3C	X	-14.24	1.25
86	MP3C	Z	24.665	1.25
87	MP3C	Mx	.022	1.25
88	MP3C	X	-14.24	6.25
89	MP3C	Z	24.665	6.25
90	MP3C	Mx	.022	6.25
91	MP3A	X	-7.818	3.75
92	MP3A	Z	13.542	3.75
93	MP3A	Mx	-.003	3.75
94	MP3B	X	-5.972	3.75
95	MP3B	Z	10.343	3.75
96	MP3B	Mx	.004	3.75
97	MP3C	X	-7.818	3.75
98	MP3C	Z	13.542	3.75
99	MP3C	Mx	-.003	3.75
100	MP2A	X	-7.584	3.75
101	MP2A	Z	13.137	3.75
102	MP2A	Mx	-.003	3.75
103	MP2B	X	-5.036	3.75
104	MP2B	Z	8.722	3.75
105	MP2B	Mx	.003	3.75
106	MP2C	X	-7.584	3.75
107	MP2C	Z	13.137	3.75
108	MP2C	Mx	-.003	3.75
109	MP3A	X	-4.438	.5
110	MP3A	Z	7.687	.5
111	MP3A	Mx	-.001	.5
112	MP3B	X	-2.918	.5
113	MP3B	Z	5.055	.5
114	MP3B	Mx	.002	.5
115	MP3C	X	-4.438	.5
116	MP3C	Z	7.687	.5
117	MP3C	Mx	-.001	.5
118	OVP	X	-14.697	2
119	OVP	Z	25.456	2
120	OVP	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-20.955	2
2	MP1C	Z	12.098	2
3	MP1C	Mx	.006	2
4	MP1C	X	-20.955	5.5
5	MP1C	Z	12.098	5.5
6	MP1C	Mx	.006	5.5
7	MP4C	X	-20.955	2
8	MP4C	Z	12.098	2
9	MP4C	Mx	.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP4C	X	-20.955	5.5
11	MP4C	Z	12.098	5.5
12	MP4C	Mx	.006	5.5
13	MP1A	X	-16.979	2
14	MP1A	Z	9.803	2
15	MP1A	Mx	.008	2
16	MP1A	X	-16.979	5.5
17	MP1A	Z	9.803	5.5
18	MP1A	Mx	.008	5.5
19	MP1B	X	-19.189	2
20	MP1B	Z	11.079	2
21	MP1B	Mx	-.011	2
22	MP1B	X	-19.189	5.5
23	MP1B	Z	11.079	5.5
24	MP1B	Mx	-.011	5.5
25	MP4A	X	-16.979	2
26	MP4A	Z	9.803	2
27	MP4A	Mx	.008	2
28	MP4A	X	-16.979	5.5
29	MP4A	Z	9.803	5.5
30	MP4A	Mx	.008	5.5
31	MP4B	X	-19.189	2
32	MP4B	Z	11.079	2
33	MP4B	Mx	-.011	2
34	MP4B	X	-19.189	5.5
35	MP4B	Z	11.079	5.5
36	MP4B	Mx	-.011	5.5
37	MP2A	X	-9.836	2.75
38	MP2A	Z	5.679	2.75
39	MP2A	Mx	.005	2.75
40	MP2A	X	-9.836	4.75
41	MP2A	Z	5.679	4.75
42	MP2A	Mx	.005	4.75
43	MP2B	X	-9.836	2.75
44	MP2B	Z	5.679	2.75
45	MP2B	Mx	-.005	2.75
46	MP2B	X	-9.836	4.75
47	MP2B	Z	5.679	4.75
48	MP2B	Mx	-.005	4.75
49	MP2C	X	-16.902	2.75
50	MP2C	Z	9.758	2.75
51	MP2C	Mx	0	2.75
52	MP2C	X	-16.902	4.75
53	MP2C	Z	9.758	4.75
54	MP2C	Mx	0	4.75
55	MP3A	X	-21.841	1.25
56	MP3A	Z	12.61	1.25
57	MP3A	Mx	.018	1.25
58	MP3A	X	-21.841	6.25
59	MP3A	Z	12.61	6.25
60	MP3A	Mx	.018	6.25
61	MP3B	X	-21.841	1.25
62	MP3B	Z	12.61	1.25
63	MP3B	Mx	-.004	1.25
64	MP3B	X	-21.841	6.25
65	MP3B	Z	12.61	6.25
66	MP3B	Mx	-.004	6.25
67	MP3C	X	-28.128	1.25
68	MP3C	Z	16.24	1.25
69	MP3C	Mx	-.019	1.25
70	MP3C	X	-28.128	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3C	Z	16.24	6.25
72	MP3C	Mx	-.019	6.25
73	MP3A	X	-21.841	1.25
74	MP3A	Z	12.61	1.25
75	MP3A	Mx	.004	1.25
76	MP3A	X	-21.841	6.25
77	MP3A	Z	12.61	6.25
78	MP3A	Mx	.004	6.25
79	MP3B	X	-20.726	1.25
80	MP3B	Z	11.966	1.25
81	MP3B	Mx	-.016	1.25
82	MP3B	X	-20.726	6.25
83	MP3B	Z	11.966	6.25
84	MP3B	Mx	-.016	6.25
85	MP3C	X	-27.875	1.25
86	MP3C	Z	16.094	1.25
87	MP3C	Mx	.021	1.25
88	MP3C	X	-27.875	6.25
89	MP3C	Z	16.094	6.25
90	MP3C	Mx	.021	6.25
91	MP3A	X	-11.409	3.75
92	MP3A	Z	6.587	3.75
93	MP3A	Mx	-.004	3.75
94	MP3B	X	-11.409	3.75
95	MP3B	Z	6.587	3.75
96	MP3B	Mx	.004	3.75
97	MP3C	X	-14.608	3.75
98	MP3C	Z	8.434	3.75
99	MP3C	Mx	0	3.75
100	MP2A	X	-10.194	3.75
101	MP2A	Z	5.885	3.75
102	MP2A	Mx	-.003	3.75
103	MP2B	X	-10.194	3.75
104	MP2B	Z	5.885	3.75
105	MP2B	Mx	.003	3.75
106	MP2C	X	-14.608	3.75
107	MP2C	Z	8.434	3.75
108	MP2C	Mx	0	3.75
109	MP3A	X	-5.932	.5
110	MP3A	Z	3.425	.5
111	MP3A	Mx	-.002	.5
112	MP3B	X	-5.932	.5
113	MP3B	Z	3.425	.5
114	MP3B	Mx	.002	.5
115	MP3C	X	-8.565	.5
116	MP3C	Z	4.945	.5
117	MP3C	Mx	0	.5
118	OVP	X	-21.266	2
119	OVP	Z	12.278	2
120	OVP	Mx	-.007	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-24.887	2
2	MP1C	Z	0	2
3	MP1C	Mx	0	2
4	MP1C	X	-24.887	5.5
5	MP1C	Z	0	5.5
6	MP1C	Mx	0	5.5
7	MP4C	X	-24.887	2
8	MP4C	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4C	Mx	0	2
10	MP4C	X	-24.887	5.5
11	MP4C	Z	0	5.5
12	MP4C	Mx	0	5.5
13	MP1A	X	-22.157	2
14	MP1A	Z	0	2
15	MP1A	Mx	.011	2
16	MP1A	X	-22.157	5.5
17	MP1A	Z	0	5.5
18	MP1A	Mx	.011	5.5
19	MP1B	X	-19.606	2
20	MP1B	Z	0	2
21	MP1B	Mx	-.008	2
22	MP1B	X	-19.606	5.5
23	MP1B	Z	0	5.5
24	MP1B	Mx	-.008	5.5
25	MP4A	X	-22.157	2
26	MP4A	Z	0	2
27	MP4A	Mx	.011	2
28	MP4A	X	-22.157	5.5
29	MP4A	Z	0	5.5
30	MP4A	Mx	.011	5.5
31	MP4B	X	-19.606	2
32	MP4B	Z	0	2
33	MP4B	Mx	-.008	2
34	MP4B	X	-19.606	5.5
35	MP4B	Z	0	5.5
36	MP4B	Mx	-.008	5.5
37	MP2A	X	-8.639	2.75
38	MP2A	Z	0	2.75
39	MP2A	Mx	.004	2.75
40	MP2A	X	-8.639	4.75
41	MP2A	Z	0	4.75
42	MP2A	Mx	.004	4.75
43	MP2B	X	-16.797	2.75
44	MP2B	Z	0	2.75
45	MP2B	Mx	-.004	2.75
46	MP2B	X	-16.797	4.75
47	MP2B	Z	0	4.75
48	MP2B	Mx	-.004	4.75
49	MP2C	X	-16.797	2.75
50	MP2C	Z	0	2.75
51	MP2C	Mx	-.004	2.75
52	MP2C	X	-16.797	4.75
53	MP2C	Z	0	4.75
54	MP2C	Mx	-.004	4.75
55	MP3A	X	-22.8	1.25
56	MP3A	Z	0	1.25
57	MP3A	Mx	.011	1.25
58	MP3A	X	-22.8	6.25
59	MP3A	Z	0	6.25
60	MP3A	Mx	.011	6.25
61	MP3B	X	-30.06	1.25
62	MP3B	Z	0	1.25
63	MP3B	Mx	.008	1.25
64	MP3B	X	-30.06	6.25
65	MP3B	Z	0	6.25
66	MP3B	Mx	.008	6.25
67	MP3C	X	-30.06	1.25
68	MP3C	Z	0	1.25
69	MP3C	Mx	-.023	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP3C	X	-30.06	6.25
71	MP3C	Z	0	6.25
72	MP3C	Mx	-.023	6.25
73	MP3A	X	-22.8	1.25
74	MP3A	Z	0	1.25
75	MP3A	Mx	.011	1.25
76	MP3A	X	-22.8	6.25
77	MP3A	Z	0	6.25
78	MP3A	Mx	.011	6.25
79	MP3B	X	-28.48	1.25
80	MP3B	Z	0	1.25
81	MP3B	Mx	-.022	1.25
82	MP3B	X	-28.48	6.25
83	MP3B	Z	0	6.25
84	MP3B	Mx	-.022	6.25
85	MP3C	X	-31.347	1.25
86	MP3C	Z	0	1.25
87	MP3C	Mx	.012	1.25
88	MP3C	X	-31.347	6.25
89	MP3C	Z	0	6.25
90	MP3C	Mx	.012	6.25
91	MP3A	X	-11.943	3.75
92	MP3A	Z	0	3.75
93	MP3A	Mx	-.004	3.75
94	MP3B	X	-15.637	3.75
95	MP3B	Z	0	3.75
96	MP3B	Mx	.003	3.75
97	MP3C	X	-15.637	3.75
98	MP3C	Z	0	3.75
99	MP3C	Mx	.003	3.75
100	MP2A	X	-10.072	3.75
101	MP2A	Z	0	3.75
102	MP2A	Mx	-.003	3.75
103	MP2B	X	-15.169	3.75
104	MP2B	Z	0	3.75
105	MP2B	Mx	.003	3.75
106	MP2C	X	-15.169	3.75
107	MP2C	Z	0	3.75
108	MP2C	Mx	.003	3.75
109	MP3A	X	-5.837	.5
110	MP3A	Z	0	.5
111	MP3A	Mx	-.002	.5
112	MP3B	X	-8.876	.5
113	MP3B	Z	0	.5
114	MP3B	Mx	.001	.5
115	MP3C	X	-8.876	.5
116	MP3C	Z	0	.5
117	MP3C	Mx	.001	.5
118	OVP	X	-22.136	2
119	OVP	Z	0	2
120	OVP	Mx	-.007	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-20.955	2
2	MP1C	Z	-12.098	2
3	MP1C	Mx	-.006	2
4	MP1C	X	-20.955	5.5
5	MP1C	Z	-12.098	5.5
6	MP1C	Mx	-.006	5.5
7	MP4C	X	-20.955	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP4C	Z	-12.098	2
9	MP4C	Mx	-.006	2
10	MP4C	X	-20.955	5.5
11	MP4C	Z	-12.098	5.5
12	MP4C	Mx	-.006	5.5
13	MP1A	X	-16.979	2
14	MP1A	Z	-9.803	2
15	MP1A	Mx	.008	2
16	MP1A	X	-16.979	5.5
17	MP1A	Z	-9.803	5.5
18	MP1A	Mx	.008	5.5
19	MP1B	X	-12.56	2
20	MP1B	Z	-7.252	2
21	MP1B	Mx	-.004	2
22	MP1B	X	-12.56	5.5
23	MP1B	Z	-7.252	5.5
24	MP1B	Mx	-.004	5.5
25	MP4A	X	-16.979	2
26	MP4A	Z	-9.803	2
27	MP4A	Mx	.008	2
28	MP4A	X	-16.979	5.5
29	MP4A	Z	-9.803	5.5
30	MP4A	Mx	.008	5.5
31	MP4B	X	-12.56	2
32	MP4B	Z	-7.252	2
33	MP4B	Mx	-.004	2
34	MP4B	X	-12.56	5.5
35	MP4B	Z	-7.252	5.5
36	MP4B	Mx	-.004	5.5
37	MP2A	X	-9.836	2.75
38	MP2A	Z	-5.679	2.75
39	MP2A	Mx	.005	2.75
40	MP2A	X	-9.836	4.75
41	MP2A	Z	-5.679	4.75
42	MP2A	Mx	.005	4.75
43	MP2B	X	-16.902	2.75
44	MP2B	Z	-9.758	2.75
45	MP2B	Mx	0	2.75
46	MP2B	X	-16.902	4.75
47	MP2B	Z	-9.758	4.75
48	MP2B	Mx	0	4.75
49	MP2C	X	-9.836	2.75
50	MP2C	Z	-5.679	2.75
51	MP2C	Mx	-.005	2.75
52	MP2C	X	-9.836	4.75
53	MP2C	Z	-5.679	4.75
54	MP2C	Mx	-.005	4.75
55	MP3A	X	-21.841	1.25
56	MP3A	Z	-12.61	1.25
57	MP3A	Mx	.004	1.25
58	MP3A	X	-21.841	6.25
59	MP3A	Z	-12.61	6.25
60	MP3A	Mx	.004	6.25
61	MP3B	X	-28.128	1.25
62	MP3B	Z	-16.24	1.25
63	MP3B	Mx	.019	1.25
64	MP3B	X	-28.128	6.25
65	MP3B	Z	-16.24	6.25
66	MP3B	Mx	.019	6.25
67	MP3C	X	-21.841	1.25
68	MP3C	Z	-12.61	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3C	Mx	-.018	1.25
70	MP3C	X	-21.841	6.25
71	MP3C	Z	-12.61	6.25
72	MP3C	Mx	-.018	6.25
73	MP3A	X	-21.841	1.25
74	MP3A	Z	-12.61	1.25
75	MP3A	Mx	.018	1.25
76	MP3A	X	-21.841	6.25
77	MP3A	Z	-12.61	6.25
78	MP3A	Mx	.018	6.25
79	MP3B	X	-27.875	1.25
80	MP3B	Z	-16.094	1.25
81	MP3B	Mx	-.021	1.25
82	MP3B	X	-27.875	6.25
83	MP3B	Z	-16.094	6.25
84	MP3B	Mx	-.021	6.25
85	MP3C	X	-23.209	1.25
86	MP3C	Z	-13.4	1.25
87	MP3C	Mx	-.000216	1.25
88	MP3C	X	-23.209	6.25
89	MP3C	Z	-13.4	6.25
90	MP3C	Mx	-.000216	6.25
91	MP3A	X	-11.409	3.75
92	MP3A	Z	-6.587	3.75
93	MP3A	Mx	-.004	3.75
94	MP3B	X	-14.608	3.75
95	MP3B	Z	-8.434	3.75
96	MP3B	Mx	0	3.75
97	MP3C	X	-11.409	3.75
98	MP3C	Z	-6.587	3.75
99	MP3C	Mx	.004	3.75
100	MP2A	X	-10.194	3.75
101	MP2A	Z	-5.885	3.75
102	MP2A	Mx	-.003	3.75
103	MP2B	X	-14.608	3.75
104	MP2B	Z	-8.434	3.75
105	MP2B	Mx	0	3.75
106	MP2C	X	-10.194	3.75
107	MP2C	Z	-5.885	3.75
108	MP2C	Mx	.003	3.75
109	MP3A	X	-5.932	.5
110	MP3A	Z	-3.425	.5
111	MP3A	Mx	-.002	.5
112	MP3B	X	-8.565	.5
113	MP3B	Z	-4.945	.5
114	MP3B	Mx	0	.5
115	MP3C	X	-5.932	.5
116	MP3C	Z	-3.425	.5
117	MP3C	Mx	.002	.5
118	OVP	X	-21.266	2
119	OVP	Z	-12.278	2
120	OVP	Mx	-.007	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-11.408	2
2	MP1C	Z	-19.759	2
3	MP1C	Mx	-.01	2
4	MP1C	X	-11.408	5.5
5	MP1C	Z	-19.759	5.5
6	MP1C	Mx	-.01	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP4C	X	-11.408	2
8	MP4C	Z	-19.759	2
9	MP4C	Mx	-.01	2
10	MP4C	X	-11.408	5.5
11	MP4C	Z	-19.759	5.5
12	MP4C	Mx	-.01	5.5
13	MP1A	X	-7.252	2
14	MP1A	Z	-12.56	2
15	MP1A	Mx	.004	2
16	MP1A	X	-7.252	5.5
17	MP1A	Z	-12.56	5.5
18	MP1A	Mx	.004	5.5
19	MP1B	X	-5.976	2
20	MP1B	Z	-10.35	2
21	MP1B	Mx	0	2
22	MP1B	X	-5.976	5.5
23	MP1B	Z	-10.35	5.5
24	MP1B	Mx	0	5.5
25	MP4A	X	-7.252	2
26	MP4A	Z	-12.56	2
27	MP4A	Mx	.004	2
28	MP4A	X	-7.252	5.5
29	MP4A	Z	-12.56	5.5
30	MP4A	Mx	.004	5.5
31	MP4B	X	-5.976	2
32	MP4B	Z	-10.35	2
33	MP4B	Mx	0	2
34	MP4B	X	-5.976	5.5
35	MP4B	Z	-10.35	5.5
36	MP4B	Mx	0	5.5
37	MP2A	X	-8.399	2.75
38	MP2A	Z	-14.547	2.75
39	MP2A	Mx	.004	2.75
40	MP2A	X	-8.399	4.75
41	MP2A	Z	-14.547	4.75
42	MP2A	Mx	.004	4.75
43	MP2B	X	-8.399	2.75
44	MP2B	Z	-14.547	2.75
45	MP2B	Mx	.004	2.75
46	MP2B	X	-8.399	4.75
47	MP2B	Z	-14.547	4.75
48	MP2B	Mx	.004	4.75
49	MP2C	X	-4.319	2.75
50	MP2C	Z	-7.481	2.75
51	MP2C	Mx	-.004	2.75
52	MP2C	X	-4.319	4.75
53	MP2C	Z	-7.481	4.75
54	MP2C	Mx	-.004	4.75
55	MP3A	X	-15.03	1.25
56	MP3A	Z	-26.032	1.25
57	MP3A	Mx	-.008	1.25
58	MP3A	X	-15.03	6.25
59	MP3A	Z	-26.032	6.25
60	MP3A	Mx	-.008	6.25
61	MP3B	X	-15.03	1.25
62	MP3B	Z	-26.032	1.25
63	MP3B	Mx	.023	1.25
64	MP3B	X	-15.03	6.25
65	MP3B	Z	-26.032	6.25
66	MP3B	Mx	.023	6.25
67	MP3C	X	-11.4	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP3C	Z	-19.745	1.25
69	MP3C	Mx	-.011	1.25
70	MP3C	X	-11.4	6.25
71	MP3C	Z	-19.745	6.25
72	MP3C	Mx	-.011	6.25
73	MP3A	X	-15.03	1.25
74	MP3A	Z	-26.032	1.25
75	MP3A	Mx	.023	1.25
76	MP3A	X	-15.03	6.25
77	MP3A	Z	-26.032	6.25
78	MP3A	Mx	.023	6.25
79	MP3B	X	-15.674	1.25
80	MP3B	Z	-27.148	1.25
81	MP3B	Mx	-.012	1.25
82	MP3B	X	-15.674	6.25
83	MP3B	Z	-27.148	6.25
84	MP3B	Mx	-.012	6.25
85	MP3C	X	-11.546	1.25
86	MP3C	Z	-19.998	1.25
87	MP3C	Mx	-.009	1.25
88	MP3C	X	-11.546	6.25
89	MP3C	Z	-19.998	6.25
90	MP3C	Mx	-.009	6.25
91	MP3A	X	-7.818	3.75
92	MP3A	Z	-13.542	3.75
93	MP3A	Mx	-.003	3.75
94	MP3B	X	-7.818	3.75
95	MP3B	Z	-13.542	3.75
96	MP3B	Mx	-.003	3.75
97	MP3C	X	-5.972	3.75
98	MP3C	Z	-10.343	3.75
99	MP3C	Mx	.004	3.75
100	MP2A	X	-7.584	3.75
101	MP2A	Z	-13.137	3.75
102	MP2A	Mx	-.003	3.75
103	MP2B	X	-7.584	3.75
104	MP2B	Z	-13.137	3.75
105	MP2B	Mx	-.003	3.75
106	MP2C	X	-5.036	3.75
107	MP2C	Z	-8.722	3.75
108	MP2C	Mx	.003	3.75
109	MP3A	X	-4.438	.5
110	MP3A	Z	-7.687	.5
111	MP3A	Mx	-.001	.5
112	MP3B	X	-4.438	.5
113	MP3B	Z	-7.687	.5
114	MP3B	Mx	-.001	.5
115	MP3C	X	-2.918	.5
116	MP3C	Z	-5.055	.5
117	MP3C	Mx	.002	.5
118	OVP	X	-14.697	2
119	OVP	Z	-25.456	2
120	OVP	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	0	2
2	MP1C	Z	-6.759	2
3	MP1C	Mx	-.003	2
4	MP1C	X	0	5.5
5	MP1C	Z	-6.759	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1C	Mx	-.003	5.5
7	MP4C	X	0	2
8	MP4C	Z	-6.759	2
9	MP4C	Mx	-.003	2
10	MP4C	X	0	5.5
11	MP4C	Z	-6.759	5.5
12	MP4C	Mx	-.003	5.5
13	MP1A	X	0	2
14	MP1A	Z	-3.274	2
15	MP1A	Mx	0	2
16	MP1A	X	0	5.5
17	MP1A	Z	-3.274	5.5
18	MP1A	Mx	0	5.5
19	MP1B	X	0	2
20	MP1B	Z	-4.148	2
21	MP1B	Mx	.001	2
22	MP1B	X	0	5.5
23	MP1B	Z	-4.148	5.5
24	MP1B	Mx	.001	5.5
25	MP4A	X	0	2
26	MP4A	Z	-3.274	2
27	MP4A	Mx	0	2
28	MP4A	X	0	5.5
29	MP4A	Z	-3.274	5.5
30	MP4A	Mx	0	5.5
31	MP4B	X	0	2
32	MP4B	Z	-4.148	2
33	MP4B	Mx	.001	2
34	MP4B	X	0	5.5
35	MP4B	Z	-4.148	5.5
36	MP4B	Mx	.001	5.5
37	MP2A	X	0	2.75
38	MP2A	Z	-5.895	2.75
39	MP2A	Mx	0	2.75
40	MP2A	X	0	4.75
41	MP2A	Z	-5.895	4.75
42	MP2A	Mx	0	4.75
43	MP2B	X	0	2.75
44	MP2B	Z	-3.205	2.75
45	MP2B	Mx	.001	2.75
46	MP2B	X	0	4.75
47	MP2B	Z	-3.205	4.75
48	MP2B	Mx	.001	4.75
49	MP2C	X	0	2.75
50	MP2C	Z	-3.205	2.75
51	MP2C	Mx	-.001	2.75
52	MP2C	X	0	4.75
53	MP2C	Z	-3.205	4.75
54	MP2C	Mx	-.001	4.75
55	MP3A	X	0	1.25
56	MP3A	Z	-10.134	1.25
57	MP3A	Mx	-.006	1.25
58	MP3A	X	0	6.25
59	MP3A	Z	-10.134	6.25
60	MP3A	Mx	-.006	6.25
61	MP3B	X	0	1.25
62	MP3B	Z	-7.558	1.25
63	MP3B	Mx	.005	1.25
64	MP3B	X	0	6.25
65	MP3B	Z	-7.558	6.25
66	MP3B	Mx	.005	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP3C	X	0	1.25
68	MP3C	Z	-7.558	1.25
69	MP3C	Mx	-.001	1.25
70	MP3C	X	0	6.25
71	MP3C	Z	-7.558	6.25
72	MP3C	Mx	-.001	6.25
73	MP3A	X	0	1.25
74	MP3A	Z	-10.097	1.25
75	MP3A	Mx	.006	1.25
76	MP3A	X	0	6.25
77	MP3A	Z	-10.097	6.25
78	MP3A	Mx	.006	6.25
79	MP3B	X	0	1.25
80	MP3B	Z	-8.103	1.25
81	MP3B	Mx	6.5e-5	1.25
82	MP3B	X	0	6.25
83	MP3B	Z	-8.103	6.25
84	MP3B	Mx	6.5e-5	6.25
85	MP3C	X	0	1.25
86	MP3C	Z	-7.097	1.25
87	MP3C	Mx	-.005	1.25
88	MP3C	X	0	6.25
89	MP3C	Z	-7.097	6.25
90	MP3C	Mx	-.005	6.25
91	MP3A	X	0	3.75
92	MP3A	Z	-4.691	3.75
93	MP3A	Mx	0	3.75
94	MP3B	X	0	3.75
95	MP3B	Z	-3.524	3.75
96	MP3B	Mx	-.001	3.75
97	MP3C	X	0	3.75
98	MP3C	Z	-3.524	3.75
99	MP3C	Mx	.001	3.75
100	MP2A	X	0	3.75
101	MP2A	Z	-4.691	3.75
102	MP2A	Mx	0	3.75
103	MP2B	X	0	3.75
104	MP2B	Z	-3.078	3.75
105	MP2B	Mx	-.000889	3.75
106	MP2C	X	0	3.75
107	MP2C	Z	-3.078	3.75
108	MP2C	Mx	.000889	3.75
109	MP3A	X	0	.5
110	MP3A	Z	-2.509	.5
111	MP3A	Mx	0	.5
112	MP3B	X	0	.5
113	MP3B	Z	-1.57	.5
114	MP3B	Mx	-.000453	.5
115	MP3C	X	0	.5
116	MP3C	Z	-1.57	.5
117	MP3C	Mx	.000453	.5
118	OVP	X	0	2
119	OVP	Z	-9.507	2
120	OVP	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	3.499	2
2	MP1C	Z	-6.06	2
3	MP1C	Mx	-.003	2
4	MP1C	X	3.499	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1C	Z	-6.06	5.5
6	MP1C	Mx	-.003	5.5
7	MP4C	X	3.499	2
8	MP4C	Z	-6.06	2
9	MP4C	Mx	-.003	2
10	MP4C	X	3.499	5.5
11	MP4C	Z	-6.06	5.5
12	MP4C	Mx	-.003	5.5
13	MP1A	X	2.074	2
14	MP1A	Z	-3.592	2
15	MP1A	Mx	-.001	2
16	MP1A	X	2.074	5.5
17	MP1A	Z	-3.592	5.5
18	MP1A	Mx	-.001	5.5
19	MP1B	X	2.949	2
20	MP1B	Z	-5.107	2
21	MP1B	Mx	.003	2
22	MP1B	X	2.949	5.5
23	MP1B	Z	-5.107	5.5
24	MP1B	Mx	.003	5.5
25	MP4A	X	2.074	2
26	MP4A	Z	-3.592	2
27	MP4A	Mx	-.001	2
28	MP4A	X	2.074	5.5
29	MP4A	Z	-3.592	5.5
30	MP4A	Mx	-.001	5.5
31	MP4B	X	2.949	2
32	MP4B	Z	-5.107	2
33	MP4B	Mx	.003	2
34	MP4B	X	2.949	5.5
35	MP4B	Z	-5.107	5.5
36	MP4B	Mx	.003	5.5
37	MP2A	X	2.499	2.75
38	MP2A	Z	-4.329	2.75
39	MP2A	Mx	-.001	2.75
40	MP2A	X	2.499	4.75
41	MP2A	Z	-4.329	4.75
42	MP2A	Mx	-.001	4.75
43	MP2B	X	1.154	2.75
44	MP2B	Z	-1.999	2.75
45	MP2B	Mx	.001	2.75
46	MP2B	X	1.154	4.75
47	MP2B	Z	-1.999	4.75
48	MP2B	Mx	.001	4.75
49	MP2C	X	2.499	2.75
50	MP2C	Z	-4.329	2.75
51	MP2C	Mx	-.001	2.75
52	MP2C	X	2.499	4.75
53	MP2C	Z	-4.329	4.75
54	MP2C	Mx	-.001	4.75
55	MP3A	X	4.638	1.25
56	MP3A	Z	-8.033	1.25
57	MP3A	Mx	-.007	1.25
58	MP3A	X	4.638	6.25
59	MP3A	Z	-8.033	6.25
60	MP3A	Mx	-.007	6.25
61	MP3B	X	3.35	1.25
62	MP3B	Z	-5.802	1.25
63	MP3B	Mx	.003	1.25
64	MP3B	X	3.35	6.25
65	MP3B	Z	-5.802	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	.003	6.25
67	MP3C	X	4.638	1.25
68	MP3C	Z	-8.033	1.25
69	MP3C	Mx	.002	1.25
70	MP3C	X	4.638	6.25
71	MP3C	Z	-8.033	6.25
72	MP3C	Mx	.002	6.25
73	MP3A	X	4.624	1.25
74	MP3A	Z	-8.009	1.25
75	MP3A	Mx	.002	1.25
76	MP3A	X	4.624	6.25
77	MP3A	Z	-8.009	6.25
78	MP3A	Mx	.002	6.25
79	MP3B	X	3.401	1.25
80	MP3B	Z	-5.891	1.25
81	MP3B	Mx	.003	1.25
82	MP3B	X	3.401	6.25
83	MP3B	Z	-5.891	6.25
84	MP3B	Mx	.003	6.25
85	MP3C	X	4.347	1.25
86	MP3C	Z	-7.529	1.25
87	MP3C	Mx	-.007	1.25
88	MP3C	X	4.347	6.25
89	MP3C	Z	-7.529	6.25
90	MP3C	Mx	-.007	6.25
91	MP3A	X	2.151	3.75
92	MP3A	Z	-3.726	3.75
93	MP3A	Mx	.000717	3.75
94	MP3B	X	1.568	3.75
95	MP3B	Z	-2.716	3.75
96	MP3B	Mx	-.001	3.75
97	MP3C	X	2.151	3.75
98	MP3C	Z	-3.726	3.75
99	MP3C	Mx	.000717	3.75
100	MP2A	X	2.077	3.75
101	MP2A	Z	-3.597	3.75
102	MP2A	Mx	.000692	3.75
103	MP2B	X	1.27	3.75
104	MP2B	Z	-2.2	3.75
105	MP2B	Mx	-.000847	3.75
106	MP2C	X	2.077	3.75
107	MP2C	Z	-3.597	3.75
108	MP2C	Mx	.000692	3.75
109	MP3A	X	1.098	.5
110	MP3A	Z	-1.901	.5
111	MP3A	Mx	.000366	.5
112	MP3B	X	.628	.5
113	MP3B	Z	-1.089	.5
114	MP3B	Mx	-.000419	.5
115	MP3C	X	1.098	.5
116	MP3C	Z	-1.901	.5
117	MP3C	Mx	.000366	.5
118	OVP	X	4.352	2
119	OVP	Z	-7.538	2
120	OVP	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	6.474	2
2	MP1C	Z	-3.738	2
3	MP1C	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP1C	X	6.474	5.5
5	MP1C	Z	-3.738	5.5
6	MP1C	Mx	-.002	5.5
7	MP4C	X	6.474	2
8	MP4C	Z	-3.738	2
9	MP4C	Mx	-.002	2
10	MP4C	X	6.474	5.5
11	MP4C	Z	-3.738	5.5
12	MP4C	Mx	-.002	5.5
13	MP1A	X	5.107	2
14	MP1A	Z	-2.949	2
15	MP1A	Mx	-.003	2
16	MP1A	X	5.107	5.5
17	MP1A	Z	-2.949	5.5
18	MP1A	Mx	-.003	5.5
19	MP1B	X	5.864	2
20	MP1B	Z	-3.386	2
21	MP1B	Mx	.003	2
22	MP1B	X	5.864	5.5
23	MP1B	Z	-3.386	5.5
24	MP1B	Mx	.003	5.5
25	MP4A	X	5.107	2
26	MP4A	Z	-2.949	2
27	MP4A	Mx	-.003	2
28	MP4A	X	5.107	5.5
29	MP4A	Z	-2.949	5.5
30	MP4A	Mx	-.003	5.5
31	MP4B	X	5.864	2
32	MP4B	Z	-3.386	2
33	MP4B	Mx	.003	2
34	MP4B	X	5.864	5.5
35	MP4B	Z	-3.386	5.5
36	MP4B	Mx	.003	5.5
37	MP2A	X	2.775	2.75
38	MP2A	Z	-1.602	2.75
39	MP2A	Mx	-.001	2.75
40	MP2A	X	2.775	4.75
41	MP2A	Z	-1.602	4.75
42	MP2A	Mx	-.001	4.75
43	MP2B	X	2.775	2.75
44	MP2B	Z	-1.602	2.75
45	MP2B	Mx	.001	2.75
46	MP2B	X	2.775	4.75
47	MP2B	Z	-1.602	4.75
48	MP2B	Mx	.001	4.75
49	MP2C	X	5.105	2.75
50	MP2C	Z	-2.948	2.75
51	MP2C	Mx	0	2.75
52	MP2C	X	5.105	4.75
53	MP2C	Z	-2.948	4.75
54	MP2C	Mx	0	4.75
55	MP3A	X	6.546	1.25
56	MP3A	Z	-3.779	1.25
57	MP3A	Mx	-.005	1.25
58	MP3A	X	6.546	6.25
59	MP3A	Z	-3.779	6.25
60	MP3A	Mx	-.005	6.25
61	MP3B	X	6.546	1.25
62	MP3B	Z	-3.779	1.25
63	MP3B	Mx	.001	1.25
64	MP3B	X	6.546	6.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3B	Z	-3.779	6.25
66	MP3B	Mx	.001	6.25
67	MP3C	X	8.777	1.25
68	MP3C	Z	-5.067	1.25
69	MP3C	Mx	.006	1.25
70	MP3C	X	8.777	6.25
71	MP3C	Z	-5.067	6.25
72	MP3C	Mx	.006	6.25
73	MP3A	X	6.538	1.25
74	MP3A	Z	-3.775	1.25
75	MP3A	Mx	-.001	1.25
76	MP3A	X	6.538	6.25
77	MP3A	Z	-3.775	6.25
78	MP3A	Mx	-.001	6.25
79	MP3B	X	6.146	1.25
80	MP3B	Z	-3.549	1.25
81	MP3B	Mx	.005	1.25
82	MP3B	X	6.146	6.25
83	MP3B	Z	-3.549	6.25
84	MP3B	Mx	.005	6.25
85	MP3C	X	8.655	1.25
86	MP3C	Z	-4.997	1.25
87	MP3C	Mx	-.007	1.25
88	MP3C	X	8.655	6.25
89	MP3C	Z	-4.997	6.25
90	MP3C	Mx	-.007	6.25
91	MP3A	X	3.052	3.75
92	MP3A	Z	-1.762	3.75
93	MP3A	Mx	.001	3.75
94	MP3B	X	3.052	3.75
95	MP3B	Z	-1.762	3.75
96	MP3B	Mx	-.001	3.75
97	MP3C	X	4.062	3.75
98	MP3C	Z	-2.345	3.75
99	MP3C	Mx	0	3.75
100	MP2A	X	2.665	3.75
101	MP2A	Z	-1.539	3.75
102	MP2A	Mx	.000888	3.75
103	MP2B	X	2.665	3.75
104	MP2B	Z	-1.539	3.75
105	MP2B	Mx	-.000888	3.75
106	MP2C	X	4.062	3.75
107	MP2C	Z	-2.345	3.75
108	MP2C	Mx	0	3.75
109	MP3A	X	1.36	.5
110	MP3A	Z	-.785	.5
111	MP3A	Mx	.000453	.5
112	MP3B	X	1.36	.5
113	MP3B	Z	-.785	.5
114	MP3B	Mx	-.000453	.5
115	MP3C	X	2.172	.5
116	MP3C	Z	-1.254	.5
117	MP3C	Mx	0	.5
118	OVP	X	6.146	2
119	OVP	Z	-3.548	2
120	OVP	Mx	.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	7.714	2
2	MP1C	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP1C	Mx	0	2
4	MP1C	X	7.714	5.5
5	MP1C	Z	0	5.5
6	MP1C	Mx	0	5.5
7	MP4C	X	7.714	2
8	MP4C	Z	0	2
9	MP4C	Mx	0	2
10	MP4C	X	7.714	5.5
11	MP4C	Z	0	5.5
12	MP4C	Mx	0	5.5
13	MP1A	X	6.772	2
14	MP1A	Z	0	2
15	MP1A	Mx	-.003	2
16	MP1A	X	6.772	5.5
17	MP1A	Z	0	5.5
18	MP1A	Mx	-.003	5.5
19	MP1B	X	5.897	2
20	MP1B	Z	0	2
21	MP1B	Mx	.003	2
22	MP1B	X	5.897	5.5
23	MP1B	Z	0	5.5
24	MP1B	Mx	.003	5.5
25	MP4A	X	6.772	2
26	MP4A	Z	0	2
27	MP4A	Mx	-.003	2
28	MP4A	X	6.772	5.5
29	MP4A	Z	0	5.5
30	MP4A	Mx	-.003	5.5
31	MP4B	X	5.897	2
32	MP4B	Z	0	2
33	MP4B	Mx	.003	2
34	MP4B	X	5.897	5.5
35	MP4B	Z	0	5.5
36	MP4B	Mx	.003	5.5
37	MP2A	X	2.308	2.75
38	MP2A	Z	0	2.75
39	MP2A	Mx	-.001	2.75
40	MP2A	X	2.308	4.75
41	MP2A	Z	0	4.75
42	MP2A	Mx	-.001	4.75
43	MP2B	X	4.998	2.75
44	MP2B	Z	0	2.75
45	MP2B	Mx	.001	2.75
46	MP2B	X	4.998	4.75
47	MP2B	Z	0	4.75
48	MP2B	Mx	.001	4.75
49	MP2C	X	4.998	2.75
50	MP2C	Z	0	2.75
51	MP2C	Mx	.001	2.75
52	MP2C	X	4.998	4.75
53	MP2C	Z	0	4.75
54	MP2C	Mx	.001	4.75
55	MP3A	X	6.7	1.25
56	MP3A	Z	0	1.25
57	MP3A	Mx	-.003	1.25
58	MP3A	X	6.7	6.25
59	MP3A	Z	0	6.25
60	MP3A	Mx	-.003	6.25
61	MP3B	X	9.276	1.25
62	MP3B	Z	0	1.25
63	MP3B	Mx	-.002	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP3B	X	9.276	6.25
65	MP3B	Z	0	6.25
66	MP3B	Mx	-.002	6.25
67	MP3C	X	9.276	1.25
68	MP3C	Z	0	1.25
69	MP3C	Mx	.007	1.25
70	MP3C	X	9.276	6.25
71	MP3C	Z	0	6.25
72	MP3C	Mx	.007	6.25
73	MP3A	X	6.7	1.25
74	MP3A	Z	0	1.25
75	MP3A	Mx	-.003	1.25
76	MP3A	X	6.7	6.25
77	MP3A	Z	0	6.25
78	MP3A	Mx	-.003	6.25
79	MP3B	X	8.693	1.25
80	MP3B	Z	0	1.25
81	MP3B	Mx	.007	1.25
82	MP3B	X	8.693	6.25
83	MP3B	Z	0	6.25
84	MP3B	Mx	.007	6.25
85	MP3C	X	9.699	1.25
86	MP3C	Z	0	1.25
87	MP3C	Mx	-.004	1.25
88	MP3C	X	9.699	6.25
89	MP3C	Z	0	6.25
90	MP3C	Mx	-.004	6.25
91	MP3A	X	3.136	3.75
92	MP3A	Z	0	3.75
93	MP3A	Mx	.001	3.75
94	MP3B	X	4.302	3.75
95	MP3B	Z	0	3.75
96	MP3B	Mx	-.000717	3.75
97	MP3C	X	4.302	3.75
98	MP3C	Z	0	3.75
99	MP3C	Mx	-.000717	3.75
100	MP2A	X	2.54	3.75
101	MP2A	Z	0	3.75
102	MP2A	Mx	.000847	3.75
103	MP2B	X	4.153	3.75
104	MP2B	Z	0	3.75
105	MP2B	Mx	-.000692	3.75
106	MP2C	X	4.153	3.75
107	MP2C	Z	0	3.75
108	MP2C	Mx	-.000692	3.75
109	MP3A	X	1.257	.5
110	MP3A	Z	0	.5
111	MP3A	Mx	.000419	.5
112	MP3B	X	2.196	.5
113	MP3B	Z	0	.5
114	MP3B	Mx	-.000366	.5
115	MP3C	X	2.196	.5
116	MP3C	Z	0	.5
117	MP3C	Mx	-.000366	.5
118	OVP	X	6.293	2
119	OVP	Z	0	2
120	OVP	Mx	.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	6.474	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP1C	Z	3.738	2
3	MP1C	Mx	.002	2
4	MP1C	X	6.474	5.5
5	MP1C	Z	3.738	5.5
6	MP1C	Mx	.002	5.5
7	MP4C	X	6.474	2
8	MP4C	Z	3.738	2
9	MP4C	Mx	.002	2
10	MP4C	X	6.474	5.5
11	MP4C	Z	3.738	5.5
12	MP4C	Mx	.002	5.5
13	MP1A	X	5.107	2
14	MP1A	Z	2.949	2
15	MP1A	Mx	-.003	2
16	MP1A	X	5.107	5.5
17	MP1A	Z	2.949	5.5
18	MP1A	Mx	-.003	5.5
19	MP1B	X	3.592	2
20	MP1B	Z	2.074	2
21	MP1B	Mx	.001	2
22	MP1B	X	3.592	5.5
23	MP1B	Z	2.074	5.5
24	MP1B	Mx	.001	5.5
25	MP4A	X	5.107	2
26	MP4A	Z	2.949	2
27	MP4A	Mx	-.003	2
28	MP4A	X	5.107	5.5
29	MP4A	Z	2.949	5.5
30	MP4A	Mx	-.003	5.5
31	MP4B	X	3.592	2
32	MP4B	Z	2.074	2
33	MP4B	Mx	.001	2
34	MP4B	X	3.592	5.5
35	MP4B	Z	2.074	5.5
36	MP4B	Mx	.001	5.5
37	MP2A	X	2.775	2.75
38	MP2A	Z	1.602	2.75
39	MP2A	Mx	-.001	2.75
40	MP2A	X	2.775	4.75
41	MP2A	Z	1.602	4.75
42	MP2A	Mx	-.001	4.75
43	MP2B	X	5.105	2.75
44	MP2B	Z	2.948	2.75
45	MP2B	Mx	0	2.75
46	MP2B	X	5.105	4.75
47	MP2B	Z	2.948	4.75
48	MP2B	Mx	0	4.75
49	MP2C	X	2.775	2.75
50	MP2C	Z	1.602	2.75
51	MP2C	Mx	.001	2.75
52	MP2C	X	2.775	4.75
53	MP2C	Z	1.602	4.75
54	MP2C	Mx	.001	4.75
55	MP3A	X	6.546	1.25
56	MP3A	Z	3.779	1.25
57	MP3A	Mx	-.001	1.25
58	MP3A	X	6.546	6.25
59	MP3A	Z	3.779	6.25
60	MP3A	Mx	-.001	6.25
61	MP3B	X	8.777	1.25
62	MP3B	Z	5.067	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3B	Mx	-.006	1.25
64	MP3B	X	8.777	6.25
65	MP3B	Z	5.067	6.25
66	MP3B	Mx	-.006	6.25
67	MP3C	X	6.546	1.25
68	MP3C	Z	3.779	1.25
69	MP3C	Mx	.005	1.25
70	MP3C	X	6.546	6.25
71	MP3C	Z	3.779	6.25
72	MP3C	Mx	.005	6.25
73	MP3A	X	6.538	1.25
74	MP3A	Z	3.775	1.25
75	MP3A	Mx	-.005	1.25
76	MP3A	X	6.538	6.25
77	MP3A	Z	3.775	6.25
78	MP3A	Mx	-.005	6.25
79	MP3B	X	8.655	1.25
80	MP3B	Z	4.997	1.25
81	MP3B	Mx	.007	1.25
82	MP3B	X	8.655	6.25
83	MP3B	Z	4.997	6.25
84	MP3B	Mx	.007	6.25
85	MP3C	X	7.018	1.25
86	MP3C	Z	4.052	1.25
87	MP3C	Mx	6.5e-5	1.25
88	MP3C	X	7.018	6.25
89	MP3C	Z	4.052	6.25
90	MP3C	Mx	6.5e-5	6.25
91	MP3A	X	3.052	3.75
92	MP3A	Z	1.762	3.75
93	MP3A	Mx	.001	3.75
94	MP3B	X	4.062	3.75
95	MP3B	Z	2.345	3.75
96	MP3B	Mx	0	3.75
97	MP3C	X	3.052	3.75
98	MP3C	Z	1.762	3.75
99	MP3C	Mx	-.001	3.75
100	MP2A	X	2.665	3.75
101	MP2A	Z	1.539	3.75
102	MP2A	Mx	.000888	3.75
103	MP2B	X	4.062	3.75
104	MP2B	Z	2.345	3.75
105	MP2B	Mx	0	3.75
106	MP2C	X	2.665	3.75
107	MP2C	Z	1.539	3.75
108	MP2C	Mx	-.000888	3.75
109	MP3A	X	1.36	.5
110	MP3A	Z	.785	.5
111	MP3A	Mx	.000453	.5
112	MP3B	X	2.172	.5
113	MP3B	Z	1.254	.5
114	MP3B	Mx	0	.5
115	MP3C	X	1.36	.5
116	MP3C	Z	.785	.5
117	MP3C	Mx	-.000453	.5
118	OVP	X	6.146	2
119	OVP	Z	3.548	2
120	OVP	Mx	.002	2

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	MP1C	X	3.499	2
2	MP1C	Z	6.06	2
3	MP1C	Mx	.003	2
4	MP1C	X	3.499	5.5
5	MP1C	Z	6.06	5.5
6	MP1C	Mx	.003	5.5
7	MP4C	X	3.499	2
8	MP4C	Z	6.06	2
9	MP4C	Mx	.003	2
10	MP4C	X	3.499	5.5
11	MP4C	Z	6.06	5.5
12	MP4C	Mx	.003	5.5
13	MP1A	X	2.074	2
14	MP1A	Z	3.592	2
15	MP1A	Mx	-.001	2
16	MP1A	X	2.074	5.5
17	MP1A	Z	3.592	5.5
18	MP1A	Mx	-.001	5.5
19	MP1B	X	1.637	2
20	MP1B	Z	2.835	2
21	MP1B	Mx	0	2
22	MP1B	X	1.637	5.5
23	MP1B	Z	2.835	5.5
24	MP1B	Mx	0	5.5
25	MP4A	X	2.074	2
26	MP4A	Z	3.592	2
27	MP4A	Mx	-.001	2
28	MP4A	X	2.074	5.5
29	MP4A	Z	3.592	5.5
30	MP4A	Mx	-.001	5.5
31	MP4B	X	1.637	2
32	MP4B	Z	2.835	2
33	MP4B	Mx	0	2
34	MP4B	X	1.637	5.5
35	MP4B	Z	2.835	5.5
36	MP4B	Mx	0	5.5
37	MP2A	X	2.499	2.75
38	MP2A	Z	4.329	2.75
39	MP2A	Mx	-.001	2.75
40	MP2A	X	2.499	4.75
41	MP2A	Z	4.329	4.75
42	MP2A	Mx	-.001	4.75
43	MP2B	X	2.499	2.75
44	MP2B	Z	4.329	2.75
45	MP2B	Mx	-.001	2.75
46	MP2B	X	2.499	4.75
47	MP2B	Z	4.329	4.75
48	MP2B	Mx	-.001	4.75
49	MP2C	X	1.154	2.75
50	MP2C	Z	1.999	2.75
51	MP2C	Mx	.001	2.75
52	MP2C	X	1.154	4.75
53	MP2C	Z	1.999	4.75
54	MP2C	Mx	.001	4.75
55	MP3A	X	4.638	1.25
56	MP3A	Z	8.033	1.25
57	MP3A	Mx	.002	1.25
58	MP3A	X	4.638	6.25
59	MP3A	Z	8.033	6.25
60	MP3A	Mx	.002	6.25
61	MP3B	X	4.638	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3B	Z	8.033	1.25
63	MP3B	Mx	-.007	1.25
64	MP3B	X	4.638	6.25
65	MP3B	Z	8.033	6.25
66	MP3B	Mx	-.007	6.25
67	MP3C	X	3.35	1.25
68	MP3C	Z	5.802	1.25
69	MP3C	Mx	.003	1.25
70	MP3C	X	3.35	6.25
71	MP3C	Z	5.802	6.25
72	MP3C	Mx	.003	6.25
73	MP3A	X	4.624	1.25
74	MP3A	Z	8.009	1.25
75	MP3A	Mx	-.007	1.25
76	MP3A	X	4.624	6.25
77	MP3A	Z	8.009	6.25
78	MP3A	Mx	-.007	6.25
79	MP3B	X	4.85	1.25
80	MP3B	Z	8.4	1.25
81	MP3B	Mx	.004	1.25
82	MP3B	X	4.85	6.25
83	MP3B	Z	8.4	6.25
84	MP3B	Mx	.004	6.25
85	MP3C	X	3.401	1.25
86	MP3C	Z	5.891	1.25
87	MP3C	Mx	.003	1.25
88	MP3C	X	3.401	6.25
89	MP3C	Z	5.891	6.25
90	MP3C	Mx	.003	6.25
91	MP3A	X	2.151	3.75
92	MP3A	Z	3.726	3.75
93	MP3A	Mx	.000717	3.75
94	MP3B	X	2.151	3.75
95	MP3B	Z	3.726	3.75
96	MP3B	Mx	.000717	3.75
97	MP3C	X	1.568	3.75
98	MP3C	Z	2.716	3.75
99	MP3C	Mx	-.001	3.75
100	MP2A	X	2.077	3.75
101	MP2A	Z	3.597	3.75
102	MP2A	Mx	.000692	3.75
103	MP2B	X	2.077	3.75
104	MP2B	Z	3.597	3.75
105	MP2B	Mx	.000692	3.75
106	MP2C	X	1.27	3.75
107	MP2C	Z	2.2	3.75
108	MP2C	Mx	-.000847	3.75
109	MP3A	X	1.098	.5
110	MP3A	Z	1.901	.5
111	MP3A	Mx	.000366	.5
112	MP3B	X	1.098	.5
113	MP3B	Z	1.901	.5
114	MP3B	Mx	.000366	.5
115	MP3C	X	.628	.5
116	MP3C	Z	1.089	.5
117	MP3C	Mx	-.000419	.5
118	OVP	X	4.352	2
119	OVP	Z	7.538	2
120	OVP	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	0	2
2	MP1C	Z	6.759	2
3	MP1C	Mx	.003	2
4	MP1C	X	0	5.5
5	MP1C	Z	6.759	5.5
6	MP1C	Mx	.003	5.5
7	MP4C	X	0	2
8	MP4C	Z	6.759	2
9	MP4C	Mx	.003	2
10	MP4C	X	0	5.5
11	MP4C	Z	6.759	5.5
12	MP4C	Mx	.003	5.5
13	MP1A	X	0	2
14	MP1A	Z	3.274	2
15	MP1A	Mx	0	2
16	MP1A	X	0	5.5
17	MP1A	Z	3.274	5.5
18	MP1A	Mx	0	5.5
19	MP1B	X	0	2
20	MP1B	Z	4.148	2
21	MP1B	Mx	-.001	2
22	MP1B	X	0	5.5
23	MP1B	Z	4.148	5.5
24	MP1B	Mx	-.001	5.5
25	MP4A	X	0	2
26	MP4A	Z	3.274	2
27	MP4A	Mx	0	2
28	MP4A	X	0	5.5
29	MP4A	Z	3.274	5.5
30	MP4A	Mx	0	5.5
31	MP4B	X	0	2
32	MP4B	Z	4.148	2
33	MP4B	Mx	-.001	2
34	MP4B	X	0	5.5
35	MP4B	Z	4.148	5.5
36	MP4B	Mx	-.001	5.5
37	MP2A	X	0	2.75
38	MP2A	Z	5.895	2.75
39	MP2A	Mx	0	2.75
40	MP2A	X	0	4.75
41	MP2A	Z	5.895	4.75
42	MP2A	Mx	0	4.75
43	MP2B	X	0	2.75
44	MP2B	Z	3.205	2.75
45	MP2B	Mx	-.001	2.75
46	MP2B	X	0	4.75
47	MP2B	Z	3.205	4.75
48	MP2B	Mx	-.001	4.75
49	MP2C	X	0	2.75
50	MP2C	Z	3.205	2.75
51	MP2C	Mx	.001	2.75
52	MP2C	X	0	4.75
53	MP2C	Z	3.205	4.75
54	MP2C	Mx	.001	4.75
55	MP3A	X	0	1.25
56	MP3A	Z	10.134	1.25
57	MP3A	Mx	.006	1.25
58	MP3A	X	0	6.25
59	MP3A	Z	10.134	6.25
60	MP3A	Mx	.006	6.25
61	MP3B	X	0	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3B	Z	7.558	1.25
63	MP3B	Mx	-.005	1.25
64	MP3B	X	0	6.25
65	MP3B	Z	7.558	6.25
66	MP3B	Mx	-.005	6.25
67	MP3C	X	0	1.25
68	MP3C	Z	7.558	1.25
69	MP3C	Mx	.001	1.25
70	MP3C	X	0	6.25
71	MP3C	Z	7.558	6.25
72	MP3C	Mx	.001	6.25
73	MP3A	X	0	1.25
74	MP3A	Z	10.097	1.25
75	MP3A	Mx	-.006	1.25
76	MP3A	X	0	6.25
77	MP3A	Z	10.097	6.25
78	MP3A	Mx	-.006	6.25
79	MP3B	X	0	1.25
80	MP3B	Z	8.103	1.25
81	MP3B	Mx	-6.5e-5	1.25
82	MP3B	X	0	6.25
83	MP3B	Z	8.103	6.25
84	MP3B	Mx	-6.5e-5	6.25
85	MP3C	X	0	1.25
86	MP3C	Z	7.097	1.25
87	MP3C	Mx	.005	1.25
88	MP3C	X	0	6.25
89	MP3C	Z	7.097	6.25
90	MP3C	Mx	.005	6.25
91	MP3A	X	0	3.75
92	MP3A	Z	4.691	3.75
93	MP3A	Mx	0	3.75
94	MP3B	X	0	3.75
95	MP3B	Z	3.524	3.75
96	MP3B	Mx	.001	3.75
97	MP3C	X	0	3.75
98	MP3C	Z	3.524	3.75
99	MP3C	Mx	-.001	3.75
100	MP2A	X	0	3.75
101	MP2A	Z	4.691	3.75
102	MP2A	Mx	0	3.75
103	MP2B	X	0	3.75
104	MP2B	Z	3.078	3.75
105	MP2B	Mx	.000889	3.75
106	MP2C	X	0	3.75
107	MP2C	Z	3.078	3.75
108	MP2C	Mx	-.000889	3.75
109	MP3A	X	0	.5
110	MP3A	Z	2.509	.5
111	MP3A	Mx	0	.5
112	MP3B	X	0	.5
113	MP3B	Z	1.57	.5
114	MP3B	Mx	.000453	.5
115	MP3C	X	0	.5
116	MP3C	Z	1.57	.5
117	MP3C	Mx	-.000453	.5
118	OVP	X	0	2
119	OVP	Z	9.507	2
120	OVP	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-3.499	2
2	MP1C	Z	6.06	2
3	MP1C	Mx	.003	2
4	MP1C	X	-3.499	5.5
5	MP1C	Z	6.06	5.5
6	MP1C	Mx	.003	5.5
7	MP4C	X	-3.499	2
8	MP4C	Z	6.06	2
9	MP4C	Mx	.003	2
10	MP4C	X	-3.499	5.5
11	MP4C	Z	6.06	5.5
12	MP4C	Mx	.003	5.5
13	MP1A	X	-2.074	2
14	MP1A	Z	3.592	2
15	MP1A	Mx	.001	2
16	MP1A	X	-2.074	5.5
17	MP1A	Z	3.592	5.5
18	MP1A	Mx	.001	5.5
19	MP1B	X	-2.949	2
20	MP1B	Z	5.107	2
21	MP1B	Mx	-.003	2
22	MP1B	X	-2.949	5.5
23	MP1B	Z	5.107	5.5
24	MP1B	Mx	-.003	5.5
25	MP4A	X	-2.074	2
26	MP4A	Z	3.592	2
27	MP4A	Mx	.001	2
28	MP4A	X	-2.074	5.5
29	MP4A	Z	3.592	5.5
30	MP4A	Mx	.001	5.5
31	MP4B	X	-2.949	2
32	MP4B	Z	5.107	2
33	MP4B	Mx	-.003	2
34	MP4B	X	-2.949	5.5
35	MP4B	Z	5.107	5.5
36	MP4B	Mx	-.003	5.5
37	MP2A	X	-2.499	2.75
38	MP2A	Z	4.329	2.75
39	MP2A	Mx	.001	2.75
40	MP2A	X	-2.499	4.75
41	MP2A	Z	4.329	4.75
42	MP2A	Mx	.001	4.75
43	MP2B	X	-1.154	2.75
44	MP2B	Z	1.999	2.75
45	MP2B	Mx	-.001	2.75
46	MP2B	X	-1.154	4.75
47	MP2B	Z	1.999	4.75
48	MP2B	Mx	-.001	4.75
49	MP2C	X	-2.499	2.75
50	MP2C	Z	4.329	2.75
51	MP2C	Mx	.001	2.75
52	MP2C	X	-2.499	4.75
53	MP2C	Z	4.329	4.75
54	MP2C	Mx	.001	4.75
55	MP3A	X	-4.638	1.25
56	MP3A	Z	8.033	1.25
57	MP3A	Mx	.007	1.25
58	MP3A	X	-4.638	6.25
59	MP3A	Z	8.033	6.25
60	MP3A	Mx	.007	6.25
61	MP3B	X	-3.35	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3B	Z	5.802	1.25
63	MP3B	Mx	-.003	1.25
64	MP3B	X	-3.35	6.25
65	MP3B	Z	5.802	6.25
66	MP3B	Mx	-.003	6.25
67	MP3C	X	-4.638	1.25
68	MP3C	Z	8.033	1.25
69	MP3C	Mx	-.002	1.25
70	MP3C	X	-4.638	6.25
71	MP3C	Z	8.033	6.25
72	MP3C	Mx	-.002	6.25
73	MP3A	X	-4.624	1.25
74	MP3A	Z	8.009	1.25
75	MP3A	Mx	-.002	1.25
76	MP3A	X	-4.624	6.25
77	MP3A	Z	8.009	6.25
78	MP3A	Mx	-.002	6.25
79	MP3B	X	-3.401	1.25
80	MP3B	Z	5.891	1.25
81	MP3B	Mx	-.003	1.25
82	MP3B	X	-3.401	6.25
83	MP3B	Z	5.891	6.25
84	MP3B	Mx	-.003	6.25
85	MP3C	X	-4.347	1.25
86	MP3C	Z	7.529	1.25
87	MP3C	Mx	.007	1.25
88	MP3C	X	-4.347	6.25
89	MP3C	Z	7.529	6.25
90	MP3C	Mx	.007	6.25
91	MP3A	X	-2.151	3.75
92	MP3A	Z	3.726	3.75
93	MP3A	Mx	-.000717	3.75
94	MP3B	X	-1.568	3.75
95	MP3B	Z	2.716	3.75
96	MP3B	Mx	.001	3.75
97	MP3C	X	-2.151	3.75
98	MP3C	Z	3.726	3.75
99	MP3C	Mx	-.000717	3.75
100	MP2A	X	-2.077	3.75
101	MP2A	Z	3.597	3.75
102	MP2A	Mx	-.000692	3.75
103	MP2B	X	-1.27	3.75
104	MP2B	Z	2.2	3.75
105	MP2B	Mx	.000847	3.75
106	MP2C	X	-2.077	3.75
107	MP2C	Z	3.597	3.75
108	MP2C	Mx	-.000692	3.75
109	MP3A	X	-1.098	.5
110	MP3A	Z	1.901	.5
111	MP3A	Mx	-.000366	.5
112	MP3B	X	-.628	.5
113	MP3B	Z	1.089	.5
114	MP3B	Mx	.000419	.5
115	MP3C	X	-1.098	.5
116	MP3C	Z	1.901	.5
117	MP3C	Mx	-.000366	.5
118	OVP	X	-4.352	2
119	OVP	Z	7.538	2
120	OVP	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-6.474	2
2	MP1C	Z	3.738	2
3	MP1C	Mx	.002	2
4	MP1C	X	-6.474	5.5
5	MP1C	Z	3.738	5.5
6	MP1C	Mx	.002	5.5
7	MP4C	X	-6.474	2
8	MP4C	Z	3.738	2
9	MP4C	Mx	.002	2
10	MP4C	X	-6.474	5.5
11	MP4C	Z	3.738	5.5
12	MP4C	Mx	.002	5.5
13	MP1A	X	-5.107	2
14	MP1A	Z	2.949	2
15	MP1A	Mx	.003	2
16	MP1A	X	-5.107	5.5
17	MP1A	Z	2.949	5.5
18	MP1A	Mx	.003	5.5
19	MP1B	X	-5.864	2
20	MP1B	Z	3.386	2
21	MP1B	Mx	-.003	2
22	MP1B	X	-5.864	5.5
23	MP1B	Z	3.386	5.5
24	MP1B	Mx	-.003	5.5
25	MP4A	X	-5.107	2
26	MP4A	Z	2.949	2
27	MP4A	Mx	.003	2
28	MP4A	X	-5.107	5.5
29	MP4A	Z	2.949	5.5
30	MP4A	Mx	.003	5.5
31	MP4B	X	-5.864	2
32	MP4B	Z	3.386	2
33	MP4B	Mx	-.003	2
34	MP4B	X	-5.864	5.5
35	MP4B	Z	3.386	5.5
36	MP4B	Mx	-.003	5.5
37	MP2A	X	-2.775	2.75
38	MP2A	Z	1.602	2.75
39	MP2A	Mx	.001	2.75
40	MP2A	X	-2.775	4.75
41	MP2A	Z	1.602	4.75
42	MP2A	Mx	.001	4.75
43	MP2B	X	-2.775	2.75
44	MP2B	Z	1.602	2.75
45	MP2B	Mx	-.001	2.75
46	MP2B	X	-2.775	4.75
47	MP2B	Z	1.602	4.75
48	MP2B	Mx	-.001	4.75
49	MP2C	X	-5.105	2.75
50	MP2C	Z	2.948	2.75
51	MP2C	Mx	0	2.75
52	MP2C	X	-5.105	4.75
53	MP2C	Z	2.948	4.75
54	MP2C	Mx	0	4.75
55	MP3A	X	-6.546	1.25
56	MP3A	Z	3.779	1.25
57	MP3A	Mx	.005	1.25
58	MP3A	X	-6.546	6.25
59	MP3A	Z	3.779	6.25
60	MP3A	Mx	.005	6.25
61	MP3B	X	-6.546	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3B	Z	3.779	1.25
63	MP3B	Mx	-.001	1.25
64	MP3B	X	-6.546	6.25
65	MP3B	Z	3.779	6.25
66	MP3B	Mx	-.001	6.25
67	MP3C	X	-8.777	1.25
68	MP3C	Z	5.067	1.25
69	MP3C	Mx	-.006	1.25
70	MP3C	X	-8.777	6.25
71	MP3C	Z	5.067	6.25
72	MP3C	Mx	-.006	6.25
73	MP3A	X	-6.538	1.25
74	MP3A	Z	3.775	1.25
75	MP3A	Mx	.001	1.25
76	MP3A	X	-6.538	6.25
77	MP3A	Z	3.775	6.25
78	MP3A	Mx	.001	6.25
79	MP3B	X	-6.146	1.25
80	MP3B	Z	3.549	1.25
81	MP3B	Mx	-.005	1.25
82	MP3B	X	-6.146	6.25
83	MP3B	Z	3.549	6.25
84	MP3B	Mx	-.005	6.25
85	MP3C	X	-8.655	1.25
86	MP3C	Z	4.997	1.25
87	MP3C	Mx	.007	1.25
88	MP3C	X	-8.655	6.25
89	MP3C	Z	4.997	6.25
90	MP3C	Mx	.007	6.25
91	MP3A	X	-3.052	3.75
92	MP3A	Z	1.762	3.75
93	MP3A	Mx	-.001	3.75
94	MP3B	X	-3.052	3.75
95	MP3B	Z	1.762	3.75
96	MP3B	Mx	.001	3.75
97	MP3C	X	-4.062	3.75
98	MP3C	Z	2.345	3.75
99	MP3C	Mx	0	3.75
100	MP2A	X	-2.665	3.75
101	MP2A	Z	1.539	3.75
102	MP2A	Mx	-.000888	3.75
103	MP2B	X	-2.665	3.75
104	MP2B	Z	1.539	3.75
105	MP2B	Mx	.000888	3.75
106	MP2C	X	-4.062	3.75
107	MP2C	Z	2.345	3.75
108	MP2C	Mx	0	3.75
109	MP3A	X	-1.36	.5
110	MP3A	Z	.785	.5
111	MP3A	Mx	-.000453	.5
112	MP3B	X	-1.36	.5
113	MP3B	Z	.785	.5
114	MP3B	Mx	.000453	.5
115	MP3C	X	-2.172	.5
116	MP3C	Z	1.254	.5
117	MP3C	Mx	0	.5
118	OVP	X	-6.146	2
119	OVP	Z	3.548	2
120	OVP	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-7.714	2
2	MP1C	Z	0	2
3	MP1C	Mx	0	2
4	MP1C	X	-7.714	5.5
5	MP1C	Z	0	5.5
6	MP1C	Mx	0	5.5
7	MP4C	X	-7.714	2
8	MP4C	Z	0	2
9	MP4C	Mx	0	2
10	MP4C	X	-7.714	5.5
11	MP4C	Z	0	5.5
12	MP4C	Mx	0	5.5
13	MP1A	X	-6.772	2
14	MP1A	Z	0	2
15	MP1A	Mx	.003	2
16	MP1A	X	-6.772	5.5
17	MP1A	Z	0	5.5
18	MP1A	Mx	.003	5.5
19	MP1B	X	-5.897	2
20	MP1B	Z	0	2
21	MP1B	Mx	-.003	2
22	MP1B	X	-5.897	5.5
23	MP1B	Z	0	5.5
24	MP1B	Mx	-.003	5.5
25	MP4A	X	-6.772	2
26	MP4A	Z	0	2
27	MP4A	Mx	.003	2
28	MP4A	X	-6.772	5.5
29	MP4A	Z	0	5.5
30	MP4A	Mx	.003	5.5
31	MP4B	X	-5.897	2
32	MP4B	Z	0	2
33	MP4B	Mx	-.003	2
34	MP4B	X	-5.897	5.5
35	MP4B	Z	0	5.5
36	MP4B	Mx	-.003	5.5
37	MP2A	X	-2.308	2.75
38	MP2A	Z	0	2.75
39	MP2A	Mx	.001	2.75
40	MP2A	X	-2.308	4.75
41	MP2A	Z	0	4.75
42	MP2A	Mx	.001	4.75
43	MP2B	X	-4.998	2.75
44	MP2B	Z	0	2.75
45	MP2B	Mx	-.001	2.75
46	MP2B	X	-4.998	4.75
47	MP2B	Z	0	4.75
48	MP2B	Mx	-.001	4.75
49	MP2C	X	-4.998	2.75
50	MP2C	Z	0	2.75
51	MP2C	Mx	-.001	2.75
52	MP2C	X	-4.998	4.75
53	MP2C	Z	0	4.75
54	MP2C	Mx	-.001	4.75
55	MP3A	X	-6.7	1.25
56	MP3A	Z	0	1.25
57	MP3A	Mx	.003	1.25
58	MP3A	X	-6.7	6.25
59	MP3A	Z	0	6.25
60	MP3A	Mx	.003	6.25
61	MP3B	X	-9.276	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3B	Z	0	1.25
63	MP3B	Mx	.002	1.25
64	MP3B	X	-9.276	6.25
65	MP3B	Z	0	6.25
66	MP3B	Mx	.002	6.25
67	MP3C	X	-9.276	1.25
68	MP3C	Z	0	1.25
69	MP3C	Mx	-.007	1.25
70	MP3C	X	-9.276	6.25
71	MP3C	Z	0	6.25
72	MP3C	Mx	-.007	6.25
73	MP3A	X	-6.7	1.25
74	MP3A	Z	0	1.25
75	MP3A	Mx	.003	1.25
76	MP3A	X	-6.7	6.25
77	MP3A	Z	0	6.25
78	MP3A	Mx	.003	6.25
79	MP3B	X	-8.693	1.25
80	MP3B	Z	0	1.25
81	MP3B	Mx	-.007	1.25
82	MP3B	X	-8.693	6.25
83	MP3B	Z	0	6.25
84	MP3B	Mx	-.007	6.25
85	MP3C	X	-9.699	1.25
86	MP3C	Z	0	1.25
87	MP3C	Mx	.004	1.25
88	MP3C	X	-9.699	6.25
89	MP3C	Z	0	6.25
90	MP3C	Mx	.004	6.25
91	MP3A	X	-3.136	3.75
92	MP3A	Z	0	3.75
93	MP3A	Mx	-.001	3.75
94	MP3B	X	-4.302	3.75
95	MP3B	Z	0	3.75
96	MP3B	Mx	.000717	3.75
97	MP3C	X	-4.302	3.75
98	MP3C	Z	0	3.75
99	MP3C	Mx	.000717	3.75
100	MP2A	X	-2.54	3.75
101	MP2A	Z	0	3.75
102	MP2A	Mx	-.000847	3.75
103	MP2B	X	-4.153	3.75
104	MP2B	Z	0	3.75
105	MP2B	Mx	.000692	3.75
106	MP2C	X	-4.153	3.75
107	MP2C	Z	0	3.75
108	MP2C	Mx	.000692	3.75
109	MP3A	X	-1.257	.5
110	MP3A	Z	0	.5
111	MP3A	Mx	-.000419	.5
112	MP3B	X	-2.196	.5
113	MP3B	Z	0	.5
114	MP3B	Mx	.000366	.5
115	MP3C	X	-2.196	.5
116	MP3C	Z	0	.5
117	MP3C	Mx	.000366	.5
118	OVP	X	-6.293	2
119	OVP	Z	0	2
120	OVP	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-6.474	2
2	MP1C	Z	-3.738	2
3	MP1C	Mx	-.002	2
4	MP1C	X	-6.474	5.5
5	MP1C	Z	-3.738	5.5
6	MP1C	Mx	-.002	5.5
7	MP4C	X	-6.474	2
8	MP4C	Z	-3.738	2
9	MP4C	Mx	-.002	2
10	MP4C	X	-6.474	5.5
11	MP4C	Z	-3.738	5.5
12	MP4C	Mx	-.002	5.5
13	MP1A	X	-5.107	2
14	MP1A	Z	-2.949	2
15	MP1A	Mx	.003	2
16	MP1A	X	-5.107	5.5
17	MP1A	Z	-2.949	5.5
18	MP1A	Mx	.003	5.5
19	MP1B	X	-3.592	2
20	MP1B	Z	-2.074	2
21	MP1B	Mx	-.001	2
22	MP1B	X	-3.592	5.5
23	MP1B	Z	-2.074	5.5
24	MP1B	Mx	-.001	5.5
25	MP4A	X	-5.107	2
26	MP4A	Z	-2.949	2
27	MP4A	Mx	.003	2
28	MP4A	X	-5.107	5.5
29	MP4A	Z	-2.949	5.5
30	MP4A	Mx	.003	5.5
31	MP4B	X	-3.592	2
32	MP4B	Z	-2.074	2
33	MP4B	Mx	-.001	2
34	MP4B	X	-3.592	5.5
35	MP4B	Z	-2.074	5.5
36	MP4B	Mx	-.001	5.5
37	MP2A	X	-2.775	2.75
38	MP2A	Z	-1.602	2.75
39	MP2A	Mx	.001	2.75
40	MP2A	X	-2.775	4.75
41	MP2A	Z	-1.602	4.75
42	MP2A	Mx	.001	4.75
43	MP2B	X	-5.105	2.75
44	MP2B	Z	-2.948	2.75
45	MP2B	Mx	0	2.75
46	MP2B	X	-5.105	4.75
47	MP2B	Z	-2.948	4.75
48	MP2B	Mx	0	4.75
49	MP2C	X	-2.775	2.75
50	MP2C	Z	-1.602	2.75
51	MP2C	Mx	-.001	2.75
52	MP2C	X	-2.775	4.75
53	MP2C	Z	-1.602	4.75
54	MP2C	Mx	-.001	4.75
55	MP3A	X	-6.546	1.25
56	MP3A	Z	-3.779	1.25
57	MP3A	Mx	.001	1.25
58	MP3A	X	-6.546	6.25
59	MP3A	Z	-3.779	6.25
60	MP3A	Mx	.001	6.25
61	MP3B	X	-8.777	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3B	Z	-5.067	1.25
63	MP3B	Mx	.006	1.25
64	MP3B	X	-8.777	6.25
65	MP3B	Z	-5.067	6.25
66	MP3B	Mx	.006	6.25
67	MP3C	X	-6.546	1.25
68	MP3C	Z	-3.779	1.25
69	MP3C	Mx	-.005	1.25
70	MP3C	X	-6.546	6.25
71	MP3C	Z	-3.779	6.25
72	MP3C	Mx	-.005	6.25
73	MP3A	X	-6.538	1.25
74	MP3A	Z	-3.775	1.25
75	MP3A	Mx	.005	1.25
76	MP3A	X	-6.538	6.25
77	MP3A	Z	-3.775	6.25
78	MP3A	Mx	.005	6.25
79	MP3B	X	-8.655	1.25
80	MP3B	Z	-4.997	1.25
81	MP3B	Mx	-.007	1.25
82	MP3B	X	-8.655	6.25
83	MP3B	Z	-4.997	6.25
84	MP3B	Mx	-.007	6.25
85	MP3C	X	-7.018	1.25
86	MP3C	Z	-4.052	1.25
87	MP3C	Mx	-6.5e-5	1.25
88	MP3C	X	-7.018	6.25
89	MP3C	Z	-4.052	6.25
90	MP3C	Mx	-6.5e-5	6.25
91	MP3A	X	-3.052	3.75
92	MP3A	Z	-1.762	3.75
93	MP3A	Mx	-.001	3.75
94	MP3B	X	-4.062	3.75
95	MP3B	Z	-2.345	3.75
96	MP3B	Mx	0	3.75
97	MP3C	X	-3.052	3.75
98	MP3C	Z	-1.762	3.75
99	MP3C	Mx	.001	3.75
100	MP2A	X	-2.665	3.75
101	MP2A	Z	-1.539	3.75
102	MP2A	Mx	-.000888	3.75
103	MP2B	X	-4.062	3.75
104	MP2B	Z	-2.345	3.75
105	MP2B	Mx	0	3.75
106	MP2C	X	-2.665	3.75
107	MP2C	Z	-1.539	3.75
108	MP2C	Mx	.000888	3.75
109	MP3A	X	-1.36	.5
110	MP3A	Z	-.785	.5
111	MP3A	Mx	-.000453	.5
112	MP3B	X	-2.172	.5
113	MP3B	Z	-1.254	.5
114	MP3B	Mx	0	.5
115	MP3C	X	-1.36	.5
116	MP3C	Z	-.785	.5
117	MP3C	Mx	.000453	.5
118	OVP	X	-6.146	2
119	OVP	Z	-3.548	2
120	OVP	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-3.499	2
2	MP1C	Z	-6.06	2
3	MP1C	Mx	-.003	2
4	MP1C	X	-3.499	5.5
5	MP1C	Z	-6.06	5.5
6	MP1C	Mx	-.003	5.5
7	MP4C	X	-3.499	2
8	MP4C	Z	-6.06	2
9	MP4C	Mx	-.003	2
10	MP4C	X	-3.499	5.5
11	MP4C	Z	-6.06	5.5
12	MP4C	Mx	-.003	5.5
13	MP1A	X	-2.074	2
14	MP1A	Z	-3.592	2
15	MP1A	Mx	.001	2
16	MP1A	X	-2.074	5.5
17	MP1A	Z	-3.592	5.5
18	MP1A	Mx	.001	5.5
19	MP1B	X	-1.637	2
20	MP1B	Z	-2.835	2
21	MP1B	Mx	0	2
22	MP1B	X	-1.637	5.5
23	MP1B	Z	-2.835	5.5
24	MP1B	Mx	0	5.5
25	MP4A	X	-2.074	2
26	MP4A	Z	-3.592	2
27	MP4A	Mx	.001	2
28	MP4A	X	-2.074	5.5
29	MP4A	Z	-3.592	5.5
30	MP4A	Mx	.001	5.5
31	MP4B	X	-1.637	2
32	MP4B	Z	-2.835	2
33	MP4B	Mx	0	2
34	MP4B	X	-1.637	5.5
35	MP4B	Z	-2.835	5.5
36	MP4B	Mx	0	5.5
37	MP2A	X	-2.499	2.75
38	MP2A	Z	-4.329	2.75
39	MP2A	Mx	.001	2.75
40	MP2A	X	-2.499	4.75
41	MP2A	Z	-4.329	4.75
42	MP2A	Mx	.001	4.75
43	MP2B	X	-2.499	2.75
44	MP2B	Z	-4.329	2.75
45	MP2B	Mx	.001	2.75
46	MP2B	X	-2.499	4.75
47	MP2B	Z	-4.329	4.75
48	MP2B	Mx	.001	4.75
49	MP2C	X	-1.154	2.75
50	MP2C	Z	-1.999	2.75
51	MP2C	Mx	-.001	2.75
52	MP2C	X	-1.154	4.75
53	MP2C	Z	-1.999	4.75
54	MP2C	Mx	-.001	4.75
55	MP3A	X	-4.638	1.25
56	MP3A	Z	-8.033	1.25
57	MP3A	Mx	-.002	1.25
58	MP3A	X	-4.638	6.25
59	MP3A	Z	-8.033	6.25
60	MP3A	Mx	-.002	6.25
61	MP3B	X	-4.638	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3B	Z	-8.033	1.25
63	MP3B	Mx	.007	1.25
64	MP3B	X	-4.638	6.25
65	MP3B	Z	-8.033	6.25
66	MP3B	Mx	.007	6.25
67	MP3C	X	-3.35	1.25
68	MP3C	Z	-5.802	1.25
69	MP3C	Mx	-.003	1.25
70	MP3C	X	-3.35	6.25
71	MP3C	Z	-5.802	6.25
72	MP3C	Mx	-.003	6.25
73	MP3A	X	-4.624	1.25
74	MP3A	Z	-8.009	1.25
75	MP3A	Mx	.007	1.25
76	MP3A	X	-4.624	6.25
77	MP3A	Z	-8.009	6.25
78	MP3A	Mx	.007	6.25
79	MP3B	X	-4.85	1.25
80	MP3B	Z	-8.4	1.25
81	MP3B	Mx	-.004	1.25
82	MP3B	X	-4.85	6.25
83	MP3B	Z	-8.4	6.25
84	MP3B	Mx	-.004	6.25
85	MP3C	X	-3.401	1.25
86	MP3C	Z	-5.891	1.25
87	MP3C	Mx	-.003	1.25
88	MP3C	X	-3.401	6.25
89	MP3C	Z	-5.891	6.25
90	MP3C	Mx	-.003	6.25
91	MP3A	X	-2.151	3.75
92	MP3A	Z	-3.726	3.75
93	MP3A	Mx	-.000717	3.75
94	MP3B	X	-2.151	3.75
95	MP3B	Z	-3.726	3.75
96	MP3B	Mx	-.000717	3.75
97	MP3C	X	-1.568	3.75
98	MP3C	Z	-2.716	3.75
99	MP3C	Mx	.001	3.75
100	MP2A	X	-2.077	3.75
101	MP2A	Z	-3.597	3.75
102	MP2A	Mx	-.000692	3.75
103	MP2B	X	-2.077	3.75
104	MP2B	Z	-3.597	3.75
105	MP2B	Mx	-.000692	3.75
106	MP2C	X	-1.27	3.75
107	MP2C	Z	-2.2	3.75
108	MP2C	Mx	.000847	3.75
109	MP3A	X	-1.098	.5
110	MP3A	Z	-1.901	.5
111	MP3A	Mx	-.000366	.5
112	MP3B	X	-1.098	.5
113	MP3B	Z	-1.901	.5
114	MP3B	Mx	-.000366	.5
115	MP3C	X	-.628	.5
116	MP3C	Z	-1.089	.5
117	MP3C	Mx	.000419	.5
118	OVP	X	-4.352	2
119	OVP	Z	-7.538	2
120	OVP	Mx	-.001	2

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%4

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%67

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-10.653	-10.653	0	%100
2	M4	Y	-15.086	-15.086	0	%100
3	M10	Y	-15.086	-15.086	0	%100
4	MP3A	Y	-8.34	-8.34	0	%100
5	MP4A	Y	-8.34	-8.34	0	%100
6	MP2A	Y	-8.34	-8.34	0	%100
7	MP1A	Y	-8.34	-8.34	0	%100
8	M43	Y	-15.086	-15.086	0	%100
9	M46	Y	-15.834	-15.834	0	%100
10	M51B	Y	-9.272	-9.272	0	%100
11	M52B	Y	-9.272	-9.272	0	%100
12	M76	Y	-15.815	-15.815	0	%100
13	M77	Y	-15.815	-15.815	0	%100
14	M80	Y	-15.834	-15.834	0	%100
15	M84	Y	-15.815	-15.815	0	%100
16	M85	Y	-15.815	-15.815	0	%100
17	M91	Y	-15.834	-15.834	0	%100
18	M52A	Y	-15.086	-15.086	0	%100
19	M53	Y	-15.086	-15.086	0	%100
20	M54	Y	-15.086	-15.086	0	%100
21	M55	Y	-15.834	-15.834	0	%100
22	M58A	Y	-9.272	-9.272	0	%100
23	M59A	Y	-9.272	-9.272	0	%100
24	M63	Y	-15.815	-15.815	0	%100
25	M64	Y	-15.815	-15.815	0	%100
26	M66	Y	-15.834	-15.834	0	%100
27	M68	Y	-15.815	-15.815	0	%100
28	M69	Y	-15.815	-15.815	0	%100
29	M71	Y	-15.834	-15.834	0	%100
30	M76A	Y	-15.086	-15.086	0	%100
31	M77A	Y	-15.086	-15.086	0	%100
32	M78	Y	-15.086	-15.086	0	%100
33	M79A	Y	-15.834	-15.834	0	%100
34	M82	Y	-9.272	-9.272	0	%100
35	M83A	Y	-9.272	-9.272	0	%100
36	M87	Y	-15.815	-15.815	0	%100
37	M88A	Y	-15.815	-15.815	0	%100
38	M90	Y	-15.834	-15.834	0	%100
39	M92A	Y	-15.815	-15.815	0	%100
40	M93	Y	-15.815	-15.815	0	%100
41	M95	Y	-15.834	-15.834	0	%100
42	M82A	Y	-10.653	-10.653	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,%]
43	M91B	Y	-10.653	-10.653	0	%100
44	MP3C	Y	-8.34	-8.34	0	%100
45	MP4C	Y	-8.34	-8.34	0	%100
46	MP2C	Y	-8.34	-8.34	0	%100
47	MP1C	Y	-8.34	-8.34	0	%100
48	MP3B	Y	-8.34	-8.34	0	%100
49	MP4B	Y	-8.34	-8.34	0	%100
50	MP2B	Y	-8.34	-8.34	0	%100
51	MP1B	Y	-8.34	-8.34	0	%100
52	M100	Y	-8.34	-8.34	0	%100
53	M107	Y	-8.34	-8.34	0	%100
54	M114	Y	-8.34	-8.34	0	%100
55	M121	Y	-10.726	-10.726	0	%100
56	M122	Y	-10.726	-10.726	0	%100
57	M123	Y	-10.726	-10.726	0	%100
58	OVP	Y	-8.34	-8.34	0	%100
59	M126	Y	-13.736	-13.736	0	%100
60	M127	Y	-13.736	-13.736	0	%100
61	M128	Y	-13.736	-13.736	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-13.354	-13.354	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-11.477	-11.477	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-9.062	-9.062	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-9.062	-9.062	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-9.062	-9.062	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-9.062	-9.062	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-11.477	-11.477	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-22.893	-22.893	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-3.178	-3.178	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-3.178	-3.178	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-5.829	-5.829	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-6.14	-6.14	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-5.829	-5.829	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-6.14	-6.14	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-10.173	-10.173	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-2.869	-2.869	0	%100
39	M54	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,%]
40	M54	Z	-2.869	-2.869	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-5.723	-5.723	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-3.178	-3.178	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-12.712	-12.712	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-17.17	-17.17	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-5.829	-5.829	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-6.14	-6.14	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-17.17	-17.17	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-23.317	-23.317	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-24.559	-24.559	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-10.173	-10.173	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-2.869	-2.869	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-2.869	-2.869	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-5.723	-5.723	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-12.712	-12.712	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-3.178	-3.178	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-17.17	-17.17	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-23.317	-23.317	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-24.559	-24.559	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-17.17	-17.17	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-5.829	-5.829	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-6.14	-6.14	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	-3.339	-3.339	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	-3.339	-3.339	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-9.062	-9.062	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-9.062	-9.062	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-9.062	-9.062	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-9.062	-9.062	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-9.062	-9.062	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-9.062	-9.062	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-9.062	-9.062	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,%]
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-9.062	-9.062	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-9.062	-9.062	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	-2.265	-2.265	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	-2.265	-2.265	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-2.72	-2.72	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-10.879	-10.879	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-2.72	-2.72	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	-8.258	-8.258	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	-10.338	-10.338	0	%100
119	M127	X	0	0	0	%100
120	M127	Z	-13.937	-13.937	0	%100
121	M128	X	0	0	0	%100
122	M128	Z	-13.937	-13.937	0	%100

Member Distributed Loads (BLC 42 : Structure Wo (30 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.008	5.008	0	%100
2	M1	Z	-8.674	-8.674	0	%100
3	M4	X	1.695	1.695	0	%100
4	M4	Z	-2.937	-2.937	0	%100
5	M10	X	4.304	4.304	0	%100
6	M10	Z	-7.455	-7.455	0	%100
7	MP3A	X	4.531	4.531	0	%100
8	MP3A	Z	-7.848	-7.848	0	%100
9	MP4A	X	4.531	4.531	0	%100
10	MP4A	Z	-7.848	-7.848	0	%100
11	MP2A	X	4.531	4.531	0	%100
12	MP2A	Z	-7.848	-7.848	0	%100
13	MP1A	X	4.531	4.531	0	%100
14	MP1A	Z	-7.848	-7.848	0	%100
15	M43	X	4.304	4.304	0	%100
16	M43	Z	-7.455	-7.455	0	%100
17	M46	X	8.585	8.585	0	%100
18	M46	Z	-14.869	-14.869	0	%100
19	M51B	X	4.767	4.767	0	%100
20	M51B	Z	-8.257	-8.257	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	2.862	2.862	0	%100
24	M76	Z	-4.956	-4.956	0	%100
25	M77	X	8.744	8.744	0	%100
26	M77	Z	-15.145	-15.145	0	%100
27	M80	X	9.21	9.21	0	%100
28	M80	Z	-15.952	-15.952	0	%100
29	M84	X	2.862	2.862	0	%100
30	M84	Z	-4.956	-4.956	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	1.695	1.695	0	%100
36	M52A	Z	-2.937	-2.937	0	%100

Member Distributed Loads (BLC 42 : Structure Wo (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M53	X	4.304	4.304	0	%100
38	M53	Z	-7.455	-7.455	0	%100
39	M54	X	4.304	4.304	0	%100
40	M54	Z	-7.455	-7.455	0	%100
41	M55	X	8.585	8.585	0	%100
42	M55	Z	-14.869	-14.869	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	4.767	4.767	0	%100
46	M59A	Z	-8.257	-8.257	0	%100
47	M63	X	2.862	2.862	0	%100
48	M63	Z	-4.956	-4.956	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	2.862	2.862	0	%100
54	M68	Z	-4.956	-4.956	0	%100
55	M69	X	8.744	8.744	0	%100
56	M69	Z	-15.145	-15.145	0	%100
57	M71	X	9.21	9.21	0	%100
58	M71	Z	-15.952	-15.952	0	%100
59	M76A	X	6.782	6.782	0	%100
60	M76A	Z	-11.747	-11.747	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	4.767	4.767	0	%100
68	M82	Z	-8.257	-8.257	0	%100
69	M83A	X	4.767	4.767	0	%100
70	M83A	Z	-8.257	-8.257	0	%100
71	M87	X	11.446	11.446	0	%100
72	M87	Z	-19.826	-19.826	0	%100
73	M88A	X	8.744	8.744	0	%100
74	M88A	Z	-15.145	-15.145	0	%100
75	M90	X	9.21	9.21	0	%100
76	M90	Z	-15.952	-15.952	0	%100
77	M92A	X	11.446	11.446	0	%100
78	M92A	Z	-19.826	-19.826	0	%100
79	M93	X	8.744	8.744	0	%100
80	M93	Z	-15.145	-15.145	0	%100
81	M95	X	9.21	9.21	0	%100
82	M95	Z	-15.952	-15.952	0	%100
83	M82A	X	5.008	5.008	0	%100
84	M82A	Z	-8.674	-8.674	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	4.531	4.531	0	%100
88	MP3C	Z	-7.848	-7.848	0	%100
89	MP4C	X	4.531	4.531	0	%100
90	MP4C	Z	-7.848	-7.848	0	%100
91	MP2C	X	4.531	4.531	0	%100
92	MP2C	Z	-7.848	-7.848	0	%100
93	MP1C	X	4.531	4.531	0	%100
94	MP1C	Z	-7.848	-7.848	0	%100
95	MP3B	X	4.531	4.531	0	%100
96	MP3B	Z	-7.848	-7.848	0	%100
97	MP4B	X	4.531	4.531	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,%]
98	MP4B	Z	-7.848	-7.848	0	%100
99	MP2B	X	4.531	4.531	0	%100
100	MP2B	Z	-7.848	-7.848	0	%100
101	MP1B	X	4.531	4.531	0	%100
102	MP1B	Z	-7.848	-7.848	0	%100
103	M100	X	3.398	3.398	0	%100
104	M100	Z	-5.886	-5.886	0	%100
105	M107	X	3.398	3.398	0	%100
106	M107	Z	-5.886	-5.886	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	4.08	4.08	0	%100
110	M121	Z	-7.066	-7.066	0	%100
111	M122	X	4.08	4.08	0	%100
112	M122	Z	-7.066	-7.066	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	OVP	X	4.129	4.129	0	%100
116	OVP	Z	-7.152	-7.152	0	%100
117	M126	X	5.769	5.769	0	%100
118	M126	Z	-9.992	-9.992	0	%100
119	M127	X	5.769	5.769	0	%100
120	M127	Z	-9.992	-9.992	0	%100
121	M128	X	7.568	7.568	0	%100
122	M128	Z	-13.109	-13.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.891	2.891	0	%100
2	M1	Z	-1.669	-1.669	0	%100
3	M4	X	8.81	8.81	0	%100
4	M4	Z	-5.086	-5.086	0	%100
5	M10	X	2.485	2.485	0	%100
6	M10	Z	-1.435	-1.435	0	%100
7	MP3A	X	7.848	7.848	0	%100
8	MP3A	Z	-4.531	-4.531	0	%100
9	MP4A	X	7.848	7.848	0	%100
10	MP4A	Z	-4.531	-4.531	0	%100
11	MP2A	X	7.848	7.848	0	%100
12	MP2A	Z	-4.531	-4.531	0	%100
13	MP1A	X	7.848	7.848	0	%100
14	MP1A	Z	-4.531	-4.531	0	%100
15	M43	X	2.485	2.485	0	%100
16	M43	Z	-1.435	-1.435	0	%100
17	M46	X	4.956	4.956	0	%100
18	M46	Z	-2.862	-2.862	0	%100
19	M51B	X	11.009	11.009	0	%100
20	M51B	Z	-6.356	-6.356	0	%100
21	M52B	X	2.752	2.752	0	%100
22	M52B	Z	-1.589	-1.589	0	%100
23	M76	X	14.869	14.869	0	%100
24	M76	Z	-8.585	-8.585	0	%100
25	M77	X	20.193	20.193	0	%100
26	M77	Z	-11.658	-11.658	0	%100
27	M80	X	21.269	21.269	0	%100
28	M80	Z	-12.279	-12.279	0	%100
29	M84	X	14.869	14.869	0	%100
30	M84	Z	-8.585	-8.585	0	%100
31	M85	X	5.048	5.048	0	%100
32	M85	Z	-2.915	-2.915	0	%100
33	M91	X	5.317	5.317	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,%]
34	M91	Z	-3.07	-3.07	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	9.94	9.94	0	%100
38	M53	Z	-5.739	-5.739	0	%100
39	M54	X	9.94	9.94	0	%100
40	M54	Z	-5.739	-5.739	0	%100
41	M55	X	19.826	19.826	0	%100
42	M55	Z	-11.446	-11.446	0	%100
43	M58A	X	2.752	2.752	0	%100
44	M58A	Z	-1.589	-1.589	0	%100
45	M59A	X	2.752	2.752	0	%100
46	M59A	Z	-1.589	-1.589	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	5.048	5.048	0	%100
50	M64	Z	-2.915	-2.915	0	%100
51	M66	X	5.317	5.317	0	%100
52	M66	Z	-3.07	-3.07	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	5.048	5.048	0	%100
56	M69	Z	-2.915	-2.915	0	%100
57	M71	X	5.317	5.317	0	%100
58	M71	Z	-3.07	-3.07	0	%100
59	M76A	X	8.81	8.81	0	%100
60	M76A	Z	-5.086	-5.086	0	%100
61	M77A	X	2.485	2.485	0	%100
62	M77A	Z	-1.435	-1.435	0	%100
63	M78	X	2.485	2.485	0	%100
64	M78	Z	-1.435	-1.435	0	%100
65	M79A	X	4.956	4.956	0	%100
66	M79A	Z	-2.862	-2.862	0	%100
67	M82	X	2.752	2.752	0	%100
68	M82	Z	-1.589	-1.589	0	%100
69	M83A	X	11.009	11.009	0	%100
70	M83A	Z	-6.356	-6.356	0	%100
71	M87	X	14.869	14.869	0	%100
72	M87	Z	-8.585	-8.585	0	%100
73	M88A	X	5.048	5.048	0	%100
74	M88A	Z	-2.915	-2.915	0	%100
75	M90	X	5.317	5.317	0	%100
76	M90	Z	-3.07	-3.07	0	%100
77	M92A	X	14.869	14.869	0	%100
78	M92A	Z	-8.585	-8.585	0	%100
79	M93	X	20.193	20.193	0	%100
80	M93	Z	-11.658	-11.658	0	%100
81	M95	X	21.269	21.269	0	%100
82	M95	Z	-12.279	-12.279	0	%100
83	M82A	X	11.565	11.565	0	%100
84	M82A	Z	-6.677	-6.677	0	%100
85	M91B	X	2.891	2.891	0	%100
86	M91B	Z	-1.669	-1.669	0	%100
87	MP3C	X	7.848	7.848	0	%100
88	MP3C	Z	-4.531	-4.531	0	%100
89	MP4C	X	7.848	7.848	0	%100
90	MP4C	Z	-4.531	-4.531	0	%100
91	MP2C	X	7.848	7.848	0	%100
92	MP2C	Z	-4.531	-4.531	0	%100
93	MP1C	X	7.848	7.848	0	%100
94	MP1C	Z	-4.531	-4.531	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,%]
95	MP3B	X	7.848	7.848	0	%100
96	MP3B	Z	-4.531	-4.531	0	%100
97	MP4B	X	7.848	7.848	0	%100
98	MP4B	Z	-4.531	-4.531	0	%100
99	MP2B	X	7.848	7.848	0	%100
100	MP2B	Z	-4.531	-4.531	0	%100
101	MP1B	X	7.848	7.848	0	%100
102	MP1B	Z	-4.531	-4.531	0	%100
103	M100	X	1.962	1.962	0	%100
104	M100	Z	-1.133	-1.133	0	%100
105	M107	X	7.848	7.848	0	%100
106	M107	Z	-4.531	-4.531	0	%100
107	M114	X	1.962	1.962	0	%100
108	M114	Z	-1.133	-1.133	0	%100
109	M121	X	9.422	9.422	0	%100
110	M121	Z	-5.44	-5.44	0	%100
111	M122	X	2.355	2.355	0	%100
112	M122	Z	-1.36	-1.36	0	%100
113	M123	X	2.355	2.355	0	%100
114	M123	Z	-1.36	-1.36	0	%100
115	OVP	X	7.152	7.152	0	%100
116	OVP	Z	-4.129	-4.129	0	%100
117	M126	X	12.07	12.07	0	%100
118	M126	Z	-6.968	-6.968	0	%100
119	M127	X	8.953	8.953	0	%100
120	M127	Z	-5.169	-5.169	0	%100
121	M128	X	12.07	12.07	0	%100
122	M128	Z	-6.968	-6.968	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	13.564	13.564	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	9.062	9.062	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	9.062	9.062	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	9.062	9.062	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	9.062	9.062	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	9.534	9.534	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	9.534	9.534	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	22.893	22.893	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	17.488	17.488	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	18.419	18.419	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	22.893	22.893	0	%100
30	M84	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,%]
31	M85	X	17.488	17.488	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	18.419	18.419	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	3.391	3.391	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	8.608	8.608	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	8.608	8.608	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	17.17	17.17	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	9.534	9.534	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	5.723	5.723	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	17.488	17.488	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	18.419	18.419	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	5.723	5.723	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	3.391	3.391	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	8.608	8.608	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	8.608	8.608	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	17.17	17.17	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	9.534	9.534	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	5.723	5.723	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	5.723	5.723	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	17.488	17.488	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	18.419	18.419	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	10.016	10.016	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	10.016	10.016	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	9.062	9.062	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	9.062	9.062	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	9.062	9.062	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,%]
92	MP2C	Z	0	0	0	%100
93	MP1C	X	9.062	9.062	0	%100
94	MP1C	Z	0	0	0	%100
95	MP3B	X	9.062	9.062	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	9.062	9.062	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	9.062	9.062	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	9.062	9.062	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M107	X	6.796	6.796	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	6.796	6.796	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	8.159	8.159	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	8.159	8.159	0	%100
114	M123	Z	0	0	0	%100
115	OVP	X	8.258	8.258	0	%100
116	OVP	Z	0	0	0	%100
117	M126	X	15.136	15.136	0	%100
118	M126	Z	0	0	0	%100
119	M127	X	11.538	11.538	0	%100
120	M127	Z	0	0	0	%100
121	M128	X	11.538	11.538	0	%100
122	M128	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.891	2.891	0	%100
2	M1	Z	1.669	1.669	0	%100
3	M4	X	8.81	8.81	0	%100
4	M4	Z	5.086	5.086	0	%100
5	M10	X	2.485	2.485	0	%100
6	M10	Z	1.435	1.435	0	%100
7	MP3A	X	7.848	7.848	0	%100
8	MP3A	Z	4.531	4.531	0	%100
9	MP4A	X	7.848	7.848	0	%100
10	MP4A	Z	4.531	4.531	0	%100
11	MP2A	X	7.848	7.848	0	%100
12	MP2A	Z	4.531	4.531	0	%100
13	MP1A	X	7.848	7.848	0	%100
14	MP1A	Z	4.531	4.531	0	%100
15	M43	X	2.485	2.485	0	%100
16	M43	Z	1.435	1.435	0	%100
17	M46	X	4.956	4.956	0	%100
18	M46	Z	2.862	2.862	0	%100
19	M51B	X	2.752	2.752	0	%100
20	M51B	Z	1.589	1.589	0	%100
21	M52B	X	11.009	11.009	0	%100
22	M52B	Z	6.356	6.356	0	%100
23	M76	X	14.869	14.869	0	%100
24	M76	Z	8.585	8.585	0	%100
25	M77	X	5.048	5.048	0	%100
26	M77	Z	2.915	2.915	0	%100
27	M80	X	5.317	5.317	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,%]
28	M80	Z	3.07	3.07	0	%100
29	M84	X	14.869	14.869	0	%100
30	M84	Z	8.585	8.585	0	%100
31	M85	X	20.193	20.193	0	%100
32	M85	Z	11.658	11.658	0	%100
33	M91	X	21.269	21.269	0	%100
34	M91	Z	12.279	12.279	0	%100
35	M52A	X	8.81	8.81	0	%100
36	M52A	Z	5.086	5.086	0	%100
37	M53	X	2.485	2.485	0	%100
38	M53	Z	1.435	1.435	0	%100
39	M54	X	2.485	2.485	0	%100
40	M54	Z	1.435	1.435	0	%100
41	M55	X	4.956	4.956	0	%100
42	M55	Z	2.862	2.862	0	%100
43	M58A	X	11.009	11.009	0	%100
44	M58A	Z	6.356	6.356	0	%100
45	M59A	X	2.752	2.752	0	%100
46	M59A	Z	1.589	1.589	0	%100
47	M63	X	14.869	14.869	0	%100
48	M63	Z	8.585	8.585	0	%100
49	M64	X	20.193	20.193	0	%100
50	M64	Z	11.658	11.658	0	%100
51	M66	X	21.269	21.269	0	%100
52	M66	Z	12.279	12.279	0	%100
53	M68	X	14.869	14.869	0	%100
54	M68	Z	8.585	8.585	0	%100
55	M69	X	5.048	5.048	0	%100
56	M69	Z	2.915	2.915	0	%100
57	M71	X	5.317	5.317	0	%100
58	M71	Z	3.07	3.07	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	9.94	9.94	0	%100
62	M77A	Z	5.739	5.739	0	%100
63	M78	X	9.94	9.94	0	%100
64	M78	Z	5.739	5.739	0	%100
65	M79A	X	19.826	19.826	0	%100
66	M79A	Z	11.446	11.446	0	%100
67	M82	X	2.752	2.752	0	%100
68	M82	Z	1.589	1.589	0	%100
69	M83A	X	2.752	2.752	0	%100
70	M83A	Z	1.589	1.589	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	5.048	5.048	0	%100
74	M88A	Z	2.915	2.915	0	%100
75	M90	X	5.317	5.317	0	%100
76	M90	Z	3.07	3.07	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	5.048	5.048	0	%100
80	M93	Z	2.915	2.915	0	%100
81	M95	X	5.317	5.317	0	%100
82	M95	Z	3.07	3.07	0	%100
83	M82A	X	2.891	2.891	0	%100
84	M82A	Z	1.669	1.669	0	%100
85	M91B	X	11.565	11.565	0	%100
86	M91B	Z	6.677	6.677	0	%100
87	MP3C	X	7.848	7.848	0	%100
88	MP3C	Z	4.531	4.531	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,%]
89	MP4C	X	7.848	7.848	0	%100
90	MP4C	Z	4.531	4.531	0	%100
91	MP2C	X	7.848	7.848	0	%100
92	MP2C	Z	4.531	4.531	0	%100
93	MP1C	X	7.848	7.848	0	%100
94	MP1C	Z	4.531	4.531	0	%100
95	MP3B	X	7.848	7.848	0	%100
96	MP3B	Z	4.531	4.531	0	%100
97	MP4B	X	7.848	7.848	0	%100
98	MP4B	Z	4.531	4.531	0	%100
99	MP2B	X	7.848	7.848	0	%100
100	MP2B	Z	4.531	4.531	0	%100
101	MP1B	X	7.848	7.848	0	%100
102	MP1B	Z	4.531	4.531	0	%100
103	M100	X	1.962	1.962	0	%100
104	M100	Z	1.133	1.133	0	%100
105	M107	X	1.962	1.962	0	%100
106	M107	Z	1.133	1.133	0	%100
107	M114	X	7.848	7.848	0	%100
108	M114	Z	4.531	4.531	0	%100
109	M121	X	2.355	2.355	0	%100
110	M121	Z	1.36	1.36	0	%100
111	M122	X	2.355	2.355	0	%100
112	M122	Z	1.36	1.36	0	%100
113	M123	X	9.422	9.422	0	%100
114	M123	Z	5.44	5.44	0	%100
115	OVP	X	7.152	7.152	0	%100
116	OVP	Z	4.129	4.129	0	%100
117	M126	X	12.07	12.07	0	%100
118	M126	Z	6.968	6.968	0	%100
119	M127	X	12.07	12.07	0	%100
120	M127	Z	6.968	6.968	0	%100
121	M128	X	8.953	8.953	0	%100
122	M128	Z	5.169	5.169	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.008	5.008	0	%100
2	M1	Z	8.674	8.674	0	%100
3	M4	X	1.695	1.695	0	%100
4	M4	Z	2.937	2.937	0	%100
5	M10	X	4.304	4.304	0	%100
6	M10	Z	7.455	7.455	0	%100
7	MP3A	X	4.531	4.531	0	%100
8	MP3A	Z	7.848	7.848	0	%100
9	MP4A	X	4.531	4.531	0	%100
10	MP4A	Z	7.848	7.848	0	%100
11	MP2A	X	4.531	4.531	0	%100
12	MP2A	Z	7.848	7.848	0	%100
13	MP1A	X	4.531	4.531	0	%100
14	MP1A	Z	7.848	7.848	0	%100
15	M43	X	4.304	4.304	0	%100
16	M43	Z	7.455	7.455	0	%100
17	M46	X	8.585	8.585	0	%100
18	M46	Z	14.869	14.869	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	4.767	4.767	0	%100
22	M52B	Z	8.257	8.257	0	%100
23	M76	X	2.862	2.862	0	%100
24	M76	Z	4.956	4.956	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,%]
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	2.862	2.862	0	%100
30	M84	Z	4.956	4.956	0	%100
31	M85	X	8.744	8.744	0	%100
32	M85	Z	15.145	15.145	0	%100
33	M91	X	9.21	9.21	0	%100
34	M91	Z	15.952	15.952	0	%100
35	M52A	X	6.782	6.782	0	%100
36	M52A	Z	11.747	11.747	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	4.767	4.767	0	%100
44	M58A	Z	8.257	8.257	0	%100
45	M59A	X	4.767	4.767	0	%100
46	M59A	Z	8.257	8.257	0	%100
47	M63	X	11.446	11.446	0	%100
48	M63	Z	19.826	19.826	0	%100
49	M64	X	8.744	8.744	0	%100
50	M64	Z	15.145	15.145	0	%100
51	M66	X	9.21	9.21	0	%100
52	M66	Z	15.952	15.952	0	%100
53	M68	X	11.446	11.446	0	%100
54	M68	Z	19.826	19.826	0	%100
55	M69	X	8.744	8.744	0	%100
56	M69	Z	15.145	15.145	0	%100
57	M71	X	9.21	9.21	0	%100
58	M71	Z	15.952	15.952	0	%100
59	M76A	X	1.695	1.695	0	%100
60	M76A	Z	2.937	2.937	0	%100
61	M77A	X	4.304	4.304	0	%100
62	M77A	Z	7.455	7.455	0	%100
63	M78	X	4.304	4.304	0	%100
64	M78	Z	7.455	7.455	0	%100
65	M79A	X	8.585	8.585	0	%100
66	M79A	Z	14.869	14.869	0	%100
67	M82	X	4.767	4.767	0	%100
68	M82	Z	8.257	8.257	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	2.862	2.862	0	%100
72	M87	Z	4.956	4.956	0	%100
73	M88A	X	8.744	8.744	0	%100
74	M88A	Z	15.145	15.145	0	%100
75	M90	X	9.21	9.21	0	%100
76	M90	Z	15.952	15.952	0	%100
77	M92A	X	2.862	2.862	0	%100
78	M92A	Z	4.956	4.956	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	5.008	5.008	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,%]
86	M91B	Z	8.674	8.674	0	%100
87	MP3C	X	4.531	4.531	0	%100
88	MP3C	Z	7.848	7.848	0	%100
89	MP4C	X	4.531	4.531	0	%100
90	MP4C	Z	7.848	7.848	0	%100
91	MP2C	X	4.531	4.531	0	%100
92	MP2C	Z	7.848	7.848	0	%100
93	MP1C	X	4.531	4.531	0	%100
94	MP1C	Z	7.848	7.848	0	%100
95	MP3B	X	4.531	4.531	0	%100
96	MP3B	Z	7.848	7.848	0	%100
97	MP4B	X	4.531	4.531	0	%100
98	MP4B	Z	7.848	7.848	0	%100
99	MP2B	X	4.531	4.531	0	%100
100	MP2B	Z	7.848	7.848	0	%100
101	MP1B	X	4.531	4.531	0	%100
102	MP1B	Z	7.848	7.848	0	%100
103	M100	X	3.398	3.398	0	%100
104	M100	Z	5.886	5.886	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	3.398	3.398	0	%100
108	M114	Z	5.886	5.886	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	4.08	4.08	0	%100
112	M122	Z	7.066	7.066	0	%100
113	M123	X	4.08	4.08	0	%100
114	M123	Z	7.066	7.066	0	%100
115	OVP	X	4.129	4.129	0	%100
116	OVP	Z	7.152	7.152	0	%100
117	M126	X	5.769	5.769	0	%100
118	M126	Z	9.992	9.992	0	%100
119	M127	X	7.568	7.568	0	%100
120	M127	Z	13.109	13.109	0	%100
121	M128	X	5.769	5.769	0	%100
122	M128	Z	9.992	9.992	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	13.354	13.354	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	11.477	11.477	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	9.062	9.062	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	9.062	9.062	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	9.062	9.062	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	9.062	9.062	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	11.477	11.477	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	22.893	22.893	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	3.178	3.178	0	%100
21	M52B	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,%]
22	M52B	Z	3.178	3.178	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	5.829	5.829	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	6.14	6.14	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	5.829	5.829	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	6.14	6.14	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	10.173	10.173	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	2.869	2.869	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	2.869	2.869	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	5.723	5.723	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	3.178	3.178	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	12.712	12.712	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	17.17	17.17	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	5.829	5.829	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	6.14	6.14	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	17.17	17.17	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	23.317	23.317	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	24.559	24.559	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	10.173	10.173	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	2.869	2.869	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	2.869	2.869	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	5.723	5.723	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	12.712	12.712	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	3.178	3.178	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	17.17	17.17	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	23.317	23.317	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	24.559	24.559	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	17.17	17.17	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	5.829	5.829	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	6.14	6.14	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
83	M82A	X	0	0	0	%100
84	M82A	Z	3.339	3.339	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	3.339	3.339	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	9.062	9.062	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	9.062	9.062	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	9.062	9.062	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	9.062	9.062	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	9.062	9.062	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	9.062	9.062	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	9.062	9.062	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	9.062	9.062	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	9.062	9.062	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	2.265	2.265	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	2.265	2.265	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	2.72	2.72	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	10.879	10.879	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	2.72	2.72	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	8.258	8.258	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	10.338	10.338	0	%100
119	M127	X	0	0	0	%100
120	M127	Z	13.937	13.937	0	%100
121	M128	X	0	0	0	%100
122	M128	Z	13.937	13.937	0	%100

Member Distributed Loads (BLC 48 : Structure Wo (210 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.008	-5.008	0	%100
2	M1	Z	8.674	8.674	0	%100
3	M4	X	-1.695	-1.695	0	%100
4	M4	Z	2.937	2.937	0	%100
5	M10	X	-4.304	-4.304	0	%100
6	M10	Z	7.455	7.455	0	%100
7	MP3A	X	-4.531	-4.531	0	%100
8	MP3A	Z	7.848	7.848	0	%100
9	MP4A	X	-4.531	-4.531	0	%100
10	MP4A	Z	7.848	7.848	0	%100
11	MP2A	X	-4.531	-4.531	0	%100
12	MP2A	Z	7.848	7.848	0	%100
13	MP1A	X	-4.531	-4.531	0	%100
14	MP1A	Z	7.848	7.848	0	%100
15	M43	X	-4.304	-4.304	0	%100
16	M43	Z	7.455	7.455	0	%100
17	M46	X	-8.585	-8.585	0	%100
18	M46	Z	14.869	14.869	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,%]
19	M51B	X	-4.767	-4.767	0	%100
20	M51B	Z	8.257	8.257	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-2.862	-2.862	0	%100
24	M76	Z	4.956	4.956	0	%100
25	M77	X	-8.744	-8.744	0	%100
26	M77	Z	15.145	15.145	0	%100
27	M80	X	-9.21	-9.21	0	%100
28	M80	Z	15.952	15.952	0	%100
29	M84	X	-2.862	-2.862	0	%100
30	M84	Z	4.956	4.956	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-1.695	-1.695	0	%100
36	M52A	Z	2.937	2.937	0	%100
37	M53	X	-4.304	-4.304	0	%100
38	M53	Z	7.455	7.455	0	%100
39	M54	X	-4.304	-4.304	0	%100
40	M54	Z	7.455	7.455	0	%100
41	M55	X	-8.585	-8.585	0	%100
42	M55	Z	14.869	14.869	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-4.767	-4.767	0	%100
46	M59A	Z	8.257	8.257	0	%100
47	M63	X	-2.862	-2.862	0	%100
48	M63	Z	4.956	4.956	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-2.862	-2.862	0	%100
54	M68	Z	4.956	4.956	0	%100
55	M69	X	-8.744	-8.744	0	%100
56	M69	Z	15.145	15.145	0	%100
57	M71	X	-9.21	-9.21	0	%100
58	M71	Z	15.952	15.952	0	%100
59	M76A	X	-6.782	-6.782	0	%100
60	M76A	Z	11.747	11.747	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-4.767	-4.767	0	%100
68	M82	Z	8.257	8.257	0	%100
69	M83A	X	-4.767	-4.767	0	%100
70	M83A	Z	8.257	8.257	0	%100
71	M87	X	-11.446	-11.446	0	%100
72	M87	Z	19.826	19.826	0	%100
73	M88A	X	-8.744	-8.744	0	%100
74	M88A	Z	15.145	15.145	0	%100
75	M90	X	-9.21	-9.21	0	%100
76	M90	Z	15.952	15.952	0	%100
77	M92A	X	-11.446	-11.446	0	%100
78	M92A	Z	19.826	19.826	0	%100
79	M93	X	-8.744	-8.744	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,%]
80	M93	Z	15.145	15.145	0	%100
81	M95	X	-9.21	-9.21	0	%100
82	M95	Z	15.952	15.952	0	%100
83	M82A	X	-5.008	-5.008	0	%100
84	M82A	Z	8.674	8.674	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	-4.531	-4.531	0	%100
88	MP3C	Z	7.848	7.848	0	%100
89	MP4C	X	-4.531	-4.531	0	%100
90	MP4C	Z	7.848	7.848	0	%100
91	MP2C	X	-4.531	-4.531	0	%100
92	MP2C	Z	7.848	7.848	0	%100
93	MP1C	X	-4.531	-4.531	0	%100
94	MP1C	Z	7.848	7.848	0	%100
95	MP3B	X	-4.531	-4.531	0	%100
96	MP3B	Z	7.848	7.848	0	%100
97	MP4B	X	-4.531	-4.531	0	%100
98	MP4B	Z	7.848	7.848	0	%100
99	MP2B	X	-4.531	-4.531	0	%100
100	MP2B	Z	7.848	7.848	0	%100
101	MP1B	X	-4.531	-4.531	0	%100
102	MP1B	Z	7.848	7.848	0	%100
103	M100	X	-3.398	-3.398	0	%100
104	M100	Z	5.886	5.886	0	%100
105	M107	X	-3.398	-3.398	0	%100
106	M107	Z	5.886	5.886	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-4.08	-4.08	0	%100
110	M121	Z	7.066	7.066	0	%100
111	M122	X	-4.08	-4.08	0	%100
112	M122	Z	7.066	7.066	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	OVP	X	-4.129	-4.129	0	%100
116	OVP	Z	7.152	7.152	0	%100
117	M126	X	-5.769	-5.769	0	%100
118	M126	Z	9.992	9.992	0	%100
119	M127	X	-5.769	-5.769	0	%100
120	M127	Z	9.992	9.992	0	%100
121	M128	X	-7.568	-7.568	0	%100
122	M128	Z	13.109	13.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.891	-2.891	0	%100
2	M1	Z	1.669	1.669	0	%100
3	M4	X	-8.81	-8.81	0	%100
4	M4	Z	5.086	5.086	0	%100
5	M10	X	-2.485	-2.485	0	%100
6	M10	Z	1.435	1.435	0	%100
7	MP3A	X	-7.848	-7.848	0	%100
8	MP3A	Z	4.531	4.531	0	%100
9	MP4A	X	-7.848	-7.848	0	%100
10	MP4A	Z	4.531	4.531	0	%100
11	MP2A	X	-7.848	-7.848	0	%100
12	MP2A	Z	4.531	4.531	0	%100
13	MP1A	X	-7.848	-7.848	0	%100
14	MP1A	Z	4.531	4.531	0	%100
15	M43	X	-2.485	-2.485	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,%]
16	M43	Z	1.435	1.435	0	%100
17	M46	X	-4.956	-4.956	0	%100
18	M46	Z	2.862	2.862	0	%100
19	M51B	X	-11.009	-11.009	0	%100
20	M51B	Z	6.356	6.356	0	%100
21	M52B	X	-2.752	-2.752	0	%100
22	M52B	Z	1.589	1.589	0	%100
23	M76	X	-14.869	-14.869	0	%100
24	M76	Z	8.585	8.585	0	%100
25	M77	X	-20.193	-20.193	0	%100
26	M77	Z	11.658	11.658	0	%100
27	M80	X	-21.269	-21.269	0	%100
28	M80	Z	12.279	12.279	0	%100
29	M84	X	-14.869	-14.869	0	%100
30	M84	Z	8.585	8.585	0	%100
31	M85	X	-5.048	-5.048	0	%100
32	M85	Z	2.915	2.915	0	%100
33	M91	X	-5.317	-5.317	0	%100
34	M91	Z	3.07	3.07	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-9.94	-9.94	0	%100
38	M53	Z	5.739	5.739	0	%100
39	M54	X	-9.94	-9.94	0	%100
40	M54	Z	5.739	5.739	0	%100
41	M55	X	-19.826	-19.826	0	%100
42	M55	Z	11.446	11.446	0	%100
43	M58A	X	-2.752	-2.752	0	%100
44	M58A	Z	1.589	1.589	0	%100
45	M59A	X	-2.752	-2.752	0	%100
46	M59A	Z	1.589	1.589	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-5.048	-5.048	0	%100
50	M64	Z	2.915	2.915	0	%100
51	M66	X	-5.317	-5.317	0	%100
52	M66	Z	3.07	3.07	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-5.048	-5.048	0	%100
56	M69	Z	2.915	2.915	0	%100
57	M71	X	-5.317	-5.317	0	%100
58	M71	Z	3.07	3.07	0	%100
59	M76A	X	-8.81	-8.81	0	%100
60	M76A	Z	5.086	5.086	0	%100
61	M77A	X	-2.485	-2.485	0	%100
62	M77A	Z	1.435	1.435	0	%100
63	M78	X	-2.485	-2.485	0	%100
64	M78	Z	1.435	1.435	0	%100
65	M79A	X	-4.956	-4.956	0	%100
66	M79A	Z	2.862	2.862	0	%100
67	M82	X	-2.752	-2.752	0	%100
68	M82	Z	1.589	1.589	0	%100
69	M83A	X	-11.009	-11.009	0	%100
70	M83A	Z	6.356	6.356	0	%100
71	M87	X	-14.869	-14.869	0	%100
72	M87	Z	8.585	8.585	0	%100
73	M88A	X	-5.048	-5.048	0	%100
74	M88A	Z	2.915	2.915	0	%100
75	M90	X	-5.317	-5.317	0	%100
76	M90	Z	3.07	3.07	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,%]
77	M92A	X	-14.869	-14.869	0	%100
78	M92A	Z	8.585	8.585	0	%100
79	M93	X	-20.193	-20.193	0	%100
80	M93	Z	11.658	11.658	0	%100
81	M95	X	-21.269	-21.269	0	%100
82	M95	Z	12.279	12.279	0	%100
83	M82A	X	-11.565	-11.565	0	%100
84	M82A	Z	6.677	6.677	0	%100
85	M91B	X	-2.891	-2.891	0	%100
86	M91B	Z	1.669	1.669	0	%100
87	MP3C	X	-7.848	-7.848	0	%100
88	MP3C	Z	4.531	4.531	0	%100
89	MP4C	X	-7.848	-7.848	0	%100
90	MP4C	Z	4.531	4.531	0	%100
91	MP2C	X	-7.848	-7.848	0	%100
92	MP2C	Z	4.531	4.531	0	%100
93	MP1C	X	-7.848	-7.848	0	%100
94	MP1C	Z	4.531	4.531	0	%100
95	MP3B	X	-7.848	-7.848	0	%100
96	MP3B	Z	4.531	4.531	0	%100
97	MP4B	X	-7.848	-7.848	0	%100
98	MP4B	Z	4.531	4.531	0	%100
99	MP2B	X	-7.848	-7.848	0	%100
100	MP2B	Z	4.531	4.531	0	%100
101	MP1B	X	-7.848	-7.848	0	%100
102	MP1B	Z	4.531	4.531	0	%100
103	M100	X	-1.962	-1.962	0	%100
104	M100	Z	1.133	1.133	0	%100
105	M107	X	-7.848	-7.848	0	%100
106	M107	Z	4.531	4.531	0	%100
107	M114	X	-1.962	-1.962	0	%100
108	M114	Z	1.133	1.133	0	%100
109	M121	X	-9.422	-9.422	0	%100
110	M121	Z	5.44	5.44	0	%100
111	M122	X	-2.355	-2.355	0	%100
112	M122	Z	1.36	1.36	0	%100
113	M123	X	-2.355	-2.355	0	%100
114	M123	Z	1.36	1.36	0	%100
115	OVP	X	-7.152	-7.152	0	%100
116	OVP	Z	4.129	4.129	0	%100
117	M126	X	-12.07	-12.07	0	%100
118	M126	Z	6.968	6.968	0	%100
119	M127	X	-8.953	-8.953	0	%100
120	M127	Z	5.169	5.169	0	%100
121	M128	X	-12.07	-12.07	0	%100
122	M128	Z	6.968	6.968	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-13.564	-13.564	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-9.062	-9.062	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-9.062	-9.062	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-9.062	-9.062	0	%100
12	MP2A	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,%]
13	MP1A	X	-9.062	-9.062	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-9.534	-9.534	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-9.534	-9.534	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-22.893	-22.893	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-17.488	-17.488	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-18.419	-18.419	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-22.893	-22.893	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-17.488	-17.488	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-18.419	-18.419	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-3.391	-3.391	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-8.608	-8.608	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-8.608	-8.608	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-17.17	-17.17	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-9.534	-9.534	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-5.723	-5.723	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-17.488	-17.488	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-18.419	-18.419	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-5.723	-5.723	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-3.391	-3.391	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-8.608	-8.608	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-8.608	-8.608	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-17.17	-17.17	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-9.534	-9.534	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-5.723	-5.723	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-5.723	-5.723	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-17.488	-17.488	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-18.419	-18.419	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	-10.016	-10.016	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-10.016	-10.016	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	-9.062	-9.062	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-9.062	-9.062	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	-9.062	-9.062	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1C	X	-9.062	-9.062	0	%100
94	MP1C	Z	0	0	0	%100
95	MP3B	X	-9.062	-9.062	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-9.062	-9.062	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-9.062	-9.062	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-9.062	-9.062	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M107	X	-6.796	-6.796	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	-6.796	-6.796	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-8.159	-8.159	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-8.159	-8.159	0	%100
114	M123	Z	0	0	0	%100
115	OVP	X	-8.258	-8.258	0	%100
116	OVP	Z	0	0	0	%100
117	M126	X	-15.136	-15.136	0	%100
118	M126	Z	0	0	0	%100
119	M127	X	-11.538	-11.538	0	%100
120	M127	Z	0	0	0	%100
121	M128	X	-11.538	-11.538	0	%100
122	M128	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.891	-2.891	0	%100
2	M1	Z	-1.669	-1.669	0	%100
3	M4	X	-8.81	-8.81	0	%100
4	M4	Z	-5.086	-5.086	0	%100
5	M10	X	-2.485	-2.485	0	%100
6	M10	Z	-1.435	-1.435	0	%100
7	MP3A	X	-7.848	-7.848	0	%100
8	MP3A	Z	-4.531	-4.531	0	%100
9	MP4A	X	-7.848	-7.848	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,%]
10	MP4A	Z	-4.531	-4.531	0	%100
11	MP2A	X	-7.848	-7.848	0	%100
12	MP2A	Z	-4.531	-4.531	0	%100
13	MP1A	X	-7.848	-7.848	0	%100
14	MP1A	Z	-4.531	-4.531	0	%100
15	M43	X	-2.485	-2.485	0	%100
16	M43	Z	-1.435	-1.435	0	%100
17	M46	X	-4.956	-4.956	0	%100
18	M46	Z	-2.862	-2.862	0	%100
19	M51B	X	-2.752	-2.752	0	%100
20	M51B	Z	-1.589	-1.589	0	%100
21	M52B	X	-11.009	-11.009	0	%100
22	M52B	Z	-6.356	-6.356	0	%100
23	M76	X	-14.869	-14.869	0	%100
24	M76	Z	-8.585	-8.585	0	%100
25	M77	X	-5.048	-5.048	0	%100
26	M77	Z	-2.915	-2.915	0	%100
27	M80	X	-5.317	-5.317	0	%100
28	M80	Z	-3.07	-3.07	0	%100
29	M84	X	-14.869	-14.869	0	%100
30	M84	Z	-8.585	-8.585	0	%100
31	M85	X	-20.193	-20.193	0	%100
32	M85	Z	-11.658	-11.658	0	%100
33	M91	X	-21.269	-21.269	0	%100
34	M91	Z	-12.279	-12.279	0	%100
35	M52A	X	-8.81	-8.81	0	%100
36	M52A	Z	-5.086	-5.086	0	%100
37	M53	X	-2.485	-2.485	0	%100
38	M53	Z	-1.435	-1.435	0	%100
39	M54	X	-2.485	-2.485	0	%100
40	M54	Z	-1.435	-1.435	0	%100
41	M55	X	-4.956	-4.956	0	%100
42	M55	Z	-2.862	-2.862	0	%100
43	M58A	X	-11.009	-11.009	0	%100
44	M58A	Z	-6.356	-6.356	0	%100
45	M59A	X	-2.752	-2.752	0	%100
46	M59A	Z	-1.589	-1.589	0	%100
47	M63	X	-14.869	-14.869	0	%100
48	M63	Z	-8.585	-8.585	0	%100
49	M64	X	-20.193	-20.193	0	%100
50	M64	Z	-11.658	-11.658	0	%100
51	M66	X	-21.269	-21.269	0	%100
52	M66	Z	-12.279	-12.279	0	%100
53	M68	X	-14.869	-14.869	0	%100
54	M68	Z	-8.585	-8.585	0	%100
55	M69	X	-5.048	-5.048	0	%100
56	M69	Z	-2.915	-2.915	0	%100
57	M71	X	-5.317	-5.317	0	%100
58	M71	Z	-3.07	-3.07	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-9.94	-9.94	0	%100
62	M77A	Z	-5.739	-5.739	0	%100
63	M78	X	-9.94	-9.94	0	%100
64	M78	Z	-5.739	-5.739	0	%100
65	M79A	X	-19.826	-19.826	0	%100
66	M79A	Z	-11.446	-11.446	0	%100
67	M82	X	-2.752	-2.752	0	%100
68	M82	Z	-1.589	-1.589	0	%100
69	M83A	X	-2.752	-2.752	0	%100
70	M83A	Z	-1.589	-1.589	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,%]
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-5.048	-5.048	0	%100
74	M88A	Z	-2.915	-2.915	0	%100
75	M90	X	-5.317	-5.317	0	%100
76	M90	Z	-3.07	-3.07	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-5.048	-5.048	0	%100
80	M93	Z	-2.915	-2.915	0	%100
81	M95	X	-5.317	-5.317	0	%100
82	M95	Z	-3.07	-3.07	0	%100
83	M82A	X	-2.891	-2.891	0	%100
84	M82A	Z	-1.669	-1.669	0	%100
85	M91B	X	-11.565	-11.565	0	%100
86	M91B	Z	-6.677	-6.677	0	%100
87	MP3C	X	-7.848	-7.848	0	%100
88	MP3C	Z	-4.531	-4.531	0	%100
89	MP4C	X	-7.848	-7.848	0	%100
90	MP4C	Z	-4.531	-4.531	0	%100
91	MP2C	X	-7.848	-7.848	0	%100
92	MP2C	Z	-4.531	-4.531	0	%100
93	MP1C	X	-7.848	-7.848	0	%100
94	MP1C	Z	-4.531	-4.531	0	%100
95	MP3B	X	-7.848	-7.848	0	%100
96	MP3B	Z	-4.531	-4.531	0	%100
97	MP4B	X	-7.848	-7.848	0	%100
98	MP4B	Z	-4.531	-4.531	0	%100
99	MP2B	X	-7.848	-7.848	0	%100
100	MP2B	Z	-4.531	-4.531	0	%100
101	MP1B	X	-7.848	-7.848	0	%100
102	MP1B	Z	-4.531	-4.531	0	%100
103	M100	X	-1.962	-1.962	0	%100
104	M100	Z	-1.133	-1.133	0	%100
105	M107	X	-1.962	-1.962	0	%100
106	M107	Z	-1.133	-1.133	0	%100
107	M114	X	-7.848	-7.848	0	%100
108	M114	Z	-4.531	-4.531	0	%100
109	M121	X	-2.355	-2.355	0	%100
110	M121	Z	-1.36	-1.36	0	%100
111	M122	X	-2.355	-2.355	0	%100
112	M122	Z	-1.36	-1.36	0	%100
113	M123	X	-9.422	-9.422	0	%100
114	M123	Z	-5.44	-5.44	0	%100
115	OVP	X	-7.152	-7.152	0	%100
116	OVP	Z	-4.129	-4.129	0	%100
117	M126	X	-12.07	-12.07	0	%100
118	M126	Z	-6.968	-6.968	0	%100
119	M127	X	-12.07	-12.07	0	%100
120	M127	Z	-6.968	-6.968	0	%100
121	M128	X	-8.953	-8.953	0	%100
122	M128	Z	-5.169	-5.169	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.008	-5.008	0	%100
2	M1	Z	-8.674	-8.674	0	%100
3	M4	X	-1.695	-1.695	0	%100
4	M4	Z	-2.937	-2.937	0	%100
5	M10	X	-4.304	-4.304	0	%100
6	M10	Z	-7.455	-7.455	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,%]
7	MP3A	X	-4.531	-4.531	0	%100
8	MP3A	Z	-7.848	-7.848	0	%100
9	MP4A	X	-4.531	-4.531	0	%100
10	MP4A	Z	-7.848	-7.848	0	%100
11	MP2A	X	-4.531	-4.531	0	%100
12	MP2A	Z	-7.848	-7.848	0	%100
13	MP1A	X	-4.531	-4.531	0	%100
14	MP1A	Z	-7.848	-7.848	0	%100
15	M43	X	-4.304	-4.304	0	%100
16	M43	Z	-7.455	-7.455	0	%100
17	M46	X	-8.585	-8.585	0	%100
18	M46	Z	-14.869	-14.869	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-4.767	-4.767	0	%100
22	M52B	Z	-8.257	-8.257	0	%100
23	M76	X	-2.862	-2.862	0	%100
24	M76	Z	-4.956	-4.956	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-2.862	-2.862	0	%100
30	M84	Z	-4.956	-4.956	0	%100
31	M85	X	-8.744	-8.744	0	%100
32	M85	Z	-15.145	-15.145	0	%100
33	M91	X	-9.21	-9.21	0	%100
34	M91	Z	-15.952	-15.952	0	%100
35	M52A	X	-6.782	-6.782	0	%100
36	M52A	Z	-11.747	-11.747	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-4.767	-4.767	0	%100
44	M58A	Z	-8.257	-8.257	0	%100
45	M59A	X	-4.767	-4.767	0	%100
46	M59A	Z	-8.257	-8.257	0	%100
47	M63	X	-11.446	-11.446	0	%100
48	M63	Z	-19.826	-19.826	0	%100
49	M64	X	-8.744	-8.744	0	%100
50	M64	Z	-15.145	-15.145	0	%100
51	M66	X	-9.21	-9.21	0	%100
52	M66	Z	-15.952	-15.952	0	%100
53	M68	X	-11.446	-11.446	0	%100
54	M68	Z	-19.826	-19.826	0	%100
55	M69	X	-8.744	-8.744	0	%100
56	M69	Z	-15.145	-15.145	0	%100
57	M71	X	-9.21	-9.21	0	%100
58	M71	Z	-15.952	-15.952	0	%100
59	M76A	X	-1.695	-1.695	0	%100
60	M76A	Z	-2.937	-2.937	0	%100
61	M77A	X	-4.304	-4.304	0	%100
62	M77A	Z	-7.455	-7.455	0	%100
63	M78	X	-4.304	-4.304	0	%100
64	M78	Z	-7.455	-7.455	0	%100
65	M79A	X	-8.585	-8.585	0	%100
66	M79A	Z	-14.869	-14.869	0	%100
67	M82	X	-4.767	-4.767	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,%]
68	M82	Z	-8.257	-8.257	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-2.862	-2.862	0	%100
72	M87	Z	-4.956	-4.956	0	%100
73	M88A	X	-8.744	-8.744	0	%100
74	M88A	Z	-15.145	-15.145	0	%100
75	M90	X	-9.21	-9.21	0	%100
76	M90	Z	-15.952	-15.952	0	%100
77	M92A	X	-2.862	-2.862	0	%100
78	M92A	Z	-4.956	-4.956	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-5.008	-5.008	0	%100
86	M91B	Z	-8.674	-8.674	0	%100
87	MP3C	X	-4.531	-4.531	0	%100
88	MP3C	Z	-7.848	-7.848	0	%100
89	MP4C	X	-4.531	-4.531	0	%100
90	MP4C	Z	-7.848	-7.848	0	%100
91	MP2C	X	-4.531	-4.531	0	%100
92	MP2C	Z	-7.848	-7.848	0	%100
93	MP1C	X	-4.531	-4.531	0	%100
94	MP1C	Z	-7.848	-7.848	0	%100
95	MP3B	X	-4.531	-4.531	0	%100
96	MP3B	Z	-7.848	-7.848	0	%100
97	MP4B	X	-4.531	-4.531	0	%100
98	MP4B	Z	-7.848	-7.848	0	%100
99	MP2B	X	-4.531	-4.531	0	%100
100	MP2B	Z	-7.848	-7.848	0	%100
101	MP1B	X	-4.531	-4.531	0	%100
102	MP1B	Z	-7.848	-7.848	0	%100
103	M100	X	-3.398	-3.398	0	%100
104	M100	Z	-5.886	-5.886	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	-3.398	-3.398	0	%100
108	M114	Z	-5.886	-5.886	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-4.08	-4.08	0	%100
112	M122	Z	-7.066	-7.066	0	%100
113	M123	X	-4.08	-4.08	0	%100
114	M123	Z	-7.066	-7.066	0	%100
115	OVP	X	-4.129	-4.129	0	%100
116	OVP	Z	-7.152	-7.152	0	%100
117	M126	X	-5.769	-5.769	0	%100
118	M126	Z	-9.992	-9.992	0	%100
119	M127	X	-7.568	-7.568	0	%100
120	M127	Z	-13.109	-13.109	0	%100
121	M128	X	-5.769	-5.769	0	%100
122	M128	Z	-9.992	-9.992	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-4.784	-4.784	0	%100
3	M4	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,%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-3.723	-3.723	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-4	-4	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-4	-4	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-4	-4	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-4	-4	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-3.723	-3.723	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-5.6	-5.6	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-1.056	-1.056	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-1.056	-1.056	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-1.407	-1.407	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.463	-1.463	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-1.407	-1.407	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.463	-1.463	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-3.405	-3.405	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-.931	-.931	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-.931	-.931	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-1.4	-1.4	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-1.056	-1.056	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-4.225	-4.225	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-4.161	-4.161	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-1.407	-1.407	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-1.463	-1.463	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-4.161	-4.161	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-5.626	-5.626	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-5.853	-5.853	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-3.405	-3.405	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-.931	-.931	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-.931	-.931	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,%]
65	M79A	X	0	0	0	%100
66	M79A	Z	-1.4	-1.4	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-4.225	-4.225	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-1.056	-1.056	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-4.161	-4.161	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-5.626	-5.626	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-5.853	-5.853	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-4.161	-4.161	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-1.407	-1.407	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-1.463	-1.463	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	-1.196	-1.196	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	-1.196	-1.196	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-4	-4	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-4	-4	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-4	-4	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-4	-4	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-4	-4	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-4	-4	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-4	-4	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-4	-4	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-4	-4	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	-1	-1	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	-1	-1	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.862	-.862	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-3.449	-3.449	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-.862	-.862	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	-3.387	-3.387	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	-2.724	-2.724	0	%100
119	M127	X	0	0	0	%100
120	M127	Z	-4.234	-4.234	0	%100
121	M128	X	0	0	0	%100
122	M128	Z	-4.234	-4.234	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,%]

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,%]
1	M1	X	1.794	1.794	0	%100
2	M1	Z	-3.107	-3.107	0	%100
3	M4	X	.567	.567	0	%100
4	M4	Z	-.983	-.983	0	%100
5	M10	X	1.396	1.396	0	%100
6	M10	Z	-2.418	-2.418	0	%100
7	MP3A	X	2	2	0	%100
8	MP3A	Z	-3.464	-3.464	0	%100
9	MP4A	X	2	2	0	%100
10	MP4A	Z	-3.464	-3.464	0	%100
11	MP2A	X	2	2	0	%100
12	MP2A	Z	-3.464	-3.464	0	%100
13	MP1A	X	2	2	0	%100
14	MP1A	Z	-3.464	-3.464	0	%100
15	M43	X	1.396	1.396	0	%100
16	M43	Z	-2.418	-2.418	0	%100
17	M46	X	2.1	2.1	0	%100
18	M46	Z	-3.637	-3.637	0	%100
19	M51B	X	1.584	1.584	0	%100
20	M51B	Z	-2.744	-2.744	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.694	.694	0	%100
24	M76	Z	-1.201	-1.201	0	%100
25	M77	X	2.11	2.11	0	%100
26	M77	Z	-3.654	-3.654	0	%100
27	M80	X	2.195	2.195	0	%100
28	M80	Z	-3.802	-3.802	0	%100
29	M84	X	.694	.694	0	%100
30	M84	Z	-1.201	-1.201	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.567	.567	0	%100
36	M52A	Z	-.983	-.983	0	%100
37	M53	X	1.396	1.396	0	%100
38	M53	Z	-2.418	-2.418	0	%100
39	M54	X	1.396	1.396	0	%100
40	M54	Z	-2.418	-2.418	0	%100
41	M55	X	2.1	2.1	0	%100
42	M55	Z	-3.637	-3.637	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	1.584	1.584	0	%100
46	M59A	Z	-2.744	-2.744	0	%100
47	M63	X	.694	.694	0	%100
48	M63	Z	-1.201	-1.201	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.694	.694	0	%100
54	M68	Z	-1.201	-1.201	0	%100
55	M69	X	2.11	2.11	0	%100
56	M69	Z	-3.654	-3.654	0	%100
57	M71	X	2.195	2.195	0	%100
58	M71	Z	-3.802	-3.802	0	%100
59	M76A	X	2.27	2.27	0	%100
60	M76A	Z	-3.931	-3.931	0	%100
61	M77A	X	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,%]
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	1.584	1.584	0	%100
68	M82	Z	-2.744	-2.744	0	%100
69	M83A	X	1.584	1.584	0	%100
70	M83A	Z	-2.744	-2.744	0	%100
71	M87	X	2.774	2.774	0	%100
72	M87	Z	-4.805	-4.805	0	%100
73	M88A	X	2.11	2.11	0	%100
74	M88A	Z	-3.654	-3.654	0	%100
75	M90	X	2.195	2.195	0	%100
76	M90	Z	-3.802	-3.802	0	%100
77	M92A	X	2.774	2.774	0	%100
78	M92A	Z	-4.805	-4.805	0	%100
79	M93	X	2.11	2.11	0	%100
80	M93	Z	-3.654	-3.654	0	%100
81	M95	X	2.195	2.195	0	%100
82	M95	Z	-3.802	-3.802	0	%100
83	M82A	X	1.794	1.794	0	%100
84	M82A	Z	-3.107	-3.107	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	2	2	0	%100
88	MP3C	Z	-3.464	-3.464	0	%100
89	MP4C	X	2	2	0	%100
90	MP4C	Z	-3.464	-3.464	0	%100
91	MP2C	X	2	2	0	%100
92	MP2C	Z	-3.464	-3.464	0	%100
93	MP1C	X	2	2	0	%100
94	MP1C	Z	-3.464	-3.464	0	%100
95	MP3B	X	2	2	0	%100
96	MP3B	Z	-3.464	-3.464	0	%100
97	MP4B	X	2	2	0	%100
98	MP4B	Z	-3.464	-3.464	0	%100
99	MP2B	X	2	2	0	%100
100	MP2B	Z	-3.464	-3.464	0	%100
101	MP1B	X	2	2	0	%100
102	MP1B	Z	-3.464	-3.464	0	%100
103	M100	X	1.5	1.5	0	%100
104	M100	Z	-2.598	-2.598	0	%100
105	M107	X	1.5	1.5	0	%100
106	M107	Z	-2.598	-2.598	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	1.293	1.293	0	%100
110	M121	Z	-2.24	-2.24	0	%100
111	M122	X	1.293	1.293	0	%100
112	M122	Z	-2.24	-2.24	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	OVP	X	1.693	1.693	0	%100
116	OVP	Z	-2.933	-2.933	0	%100
117	M126	X	1.614	1.614	0	%100
118	M126	Z	-2.795	-2.795	0	%100
119	M127	X	1.614	1.614	0	%100
120	M127	Z	-2.795	-2.795	0	%100
121	M128	X	2.369	2.369	0	%100
122	M128	Z	-4.103	-4.103	0	%100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.036	1.036	0	%100
2	M1	Z	-.598	-.598	0	%100
3	M4	X	2.949	2.949	0	%100
4	M4	Z	-1.702	-1.702	0	%100
5	M10	X	.806	.806	0	%100
6	M10	Z	-.465	-.465	0	%100
7	MP3A	X	3.464	3.464	0	%100
8	MP3A	Z	-2	-2	0	%100
9	MP4A	X	3.464	3.464	0	%100
10	MP4A	Z	-2	-2	0	%100
11	MP2A	X	3.464	3.464	0	%100
12	MP2A	Z	-2	-2	0	%100
13	MP1A	X	3.464	3.464	0	%100
14	MP1A	Z	-2	-2	0	%100
15	M43	X	.806	.806	0	%100
16	M43	Z	-.465	-.465	0	%100
17	M46	X	1.212	1.212	0	%100
18	M46	Z	-.7	-.7	0	%100
19	M51B	X	3.659	3.659	0	%100
20	M51B	Z	-2.113	-2.113	0	%100
21	M52B	X	.915	.915	0	%100
22	M52B	Z	-.528	-.528	0	%100
23	M76	X	3.604	3.604	0	%100
24	M76	Z	-2.081	-2.081	0	%100
25	M77	X	4.872	4.872	0	%100
26	M77	Z	-2.813	-2.813	0	%100
27	M80	X	5.069	5.069	0	%100
28	M80	Z	-2.927	-2.927	0	%100
29	M84	X	3.604	3.604	0	%100
30	M84	Z	-2.081	-2.081	0	%100
31	M85	X	1.218	1.218	0	%100
32	M85	Z	-.703	-.703	0	%100
33	M91	X	1.267	1.267	0	%100
34	M91	Z	-.732	-.732	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	3.224	3.224	0	%100
38	M53	Z	-1.862	-1.862	0	%100
39	M54	X	3.224	3.224	0	%100
40	M54	Z	-1.862	-1.862	0	%100
41	M55	X	4.85	4.85	0	%100
42	M55	Z	-2.8	-2.8	0	%100
43	M58A	X	.915	.915	0	%100
44	M58A	Z	-.528	-.528	0	%100
45	M59A	X	.915	.915	0	%100
46	M59A	Z	-.528	-.528	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	1.218	1.218	0	%100
50	M64	Z	-.703	-.703	0	%100
51	M66	X	1.267	1.267	0	%100
52	M66	Z	-.732	-.732	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	1.218	1.218	0	%100
56	M69	Z	-.703	-.703	0	%100
57	M71	X	1.267	1.267	0	%100
58	M71	Z	-.732	-.732	0	%100
59	M76A	X	2.949	2.949	0	%100
60	M76A	Z	-1.702	-1.702	0	%100
61	M77A	X	.806	.806	0	%100

Member Distributed Loads (BLC 55 : Structure Wi (60 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M77A	Z	-.465	-.465	0	%100
63	M78	X	.806	.806	0	%100
64	M78	Z	-.465	-.465	0	%100
65	M79A	X	1.212	1.212	0	%100
66	M79A	Z	-.7	-.7	0	%100
67	M82	X	.915	.915	0	%100
68	M82	Z	-.528	-.528	0	%100
69	M83A	X	3.659	3.659	0	%100
70	M83A	Z	-2.113	-2.113	0	%100
71	M87	X	3.604	3.604	0	%100
72	M87	Z	-2.081	-2.081	0	%100
73	M88A	X	1.218	1.218	0	%100
74	M88A	Z	-.703	-.703	0	%100
75	M90	X	1.267	1.267	0	%100
76	M90	Z	-.732	-.732	0	%100
77	M92A	X	3.604	3.604	0	%100
78	M92A	Z	-2.081	-2.081	0	%100
79	M93	X	4.872	4.872	0	%100
80	M93	Z	-2.813	-2.813	0	%100
81	M95	X	5.069	5.069	0	%100
82	M95	Z	-2.927	-2.927	0	%100
83	M82A	X	4.143	4.143	0	%100
84	M82A	Z	-2.392	-2.392	0	%100
85	M91B	X	1.036	1.036	0	%100
86	M91B	Z	-.598	-.598	0	%100
87	MP3C	X	3.464	3.464	0	%100
88	MP3C	Z	-2	-2	0	%100
89	MP4C	X	3.464	3.464	0	%100
90	MP4C	Z	-2	-2	0	%100
91	MP2C	X	3.464	3.464	0	%100
92	MP2C	Z	-2	-2	0	%100
93	MP1C	X	3.464	3.464	0	%100
94	MP1C	Z	-2	-2	0	%100
95	MP3B	X	3.464	3.464	0	%100
96	MP3B	Z	-2	-2	0	%100
97	MP4B	X	3.464	3.464	0	%100
98	MP4B	Z	-2	-2	0	%100
99	MP2B	X	3.464	3.464	0	%100
100	MP2B	Z	-2	-2	0	%100
101	MP1B	X	3.464	3.464	0	%100
102	MP1B	Z	-2	-2	0	%100
103	M100	X	.866	.866	0	%100
104	M100	Z	-.5	-.5	0	%100
105	M107	X	3.464	3.464	0	%100
106	M107	Z	-2	-2	0	%100
107	M114	X	.866	.866	0	%100
108	M114	Z	-.5	-.5	0	%100
109	M121	X	2.987	2.987	0	%100
110	M121	Z	-1.725	-1.725	0	%100
111	M122	X	.747	.747	0	%100
112	M122	Z	-.431	-.431	0	%100
113	M123	X	.747	.747	0	%100
114	M123	Z	-.431	-.431	0	%100
115	OVP	X	2.933	2.933	0	%100
116	OVP	Z	-1.693	-1.693	0	%100
117	M126	X	3.667	3.667	0	%100
118	M126	Z	-2.117	-2.117	0	%100
119	M127	X	2.359	2.359	0	%100
120	M127	Z	-1.362	-1.362	0	%100
121	M128	X	3.667	3.667	0	%100
122	M128	Z	-2.117	-2.117	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	4.54	4.54	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	4	4	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	4	4	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	4	4	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	4	4	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	3.169	3.169	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	3.169	3.169	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	5.549	5.549	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	4.22	4.22	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	4.39	4.39	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	5.549	5.549	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	4.22	4.22	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	4.39	4.39	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	1.135	1.135	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	2.792	2.792	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	2.792	2.792	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	4.2	4.2	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	3.169	3.169	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	1.387	1.387	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	4.22	4.22	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	4.39	4.39	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	1.387	1.387	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	1.135	1.135	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	2.792	2.792	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,%]
62	M77A	Z	0	0	0	%100
63	M78	X	2.792	2.792	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	4.2	4.2	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	3.169	3.169	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	1.387	1.387	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	1.387	1.387	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	4.22	4.22	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	4.39	4.39	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	3.588	3.588	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	3.588	3.588	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	4	4	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	4	4	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	4	4	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1C	X	4	4	0	%100
94	MP1C	Z	0	0	0	%100
95	MP3B	X	4	4	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	4	4	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	4	4	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	4	4	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M107	X	3	3	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	3	3	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	2.587	2.587	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	2.587	2.587	0	%100
114	M123	Z	0	0	0	%100
115	OVP	X	3.387	3.387	0	%100
116	OVP	Z	0	0	0	%100
117	M126	X	4.737	4.737	0	%100
118	M126	Z	0	0	0	%100
119	M127	X	3.227	3.227	0	%100
120	M127	Z	0	0	0	%100
121	M128	X	3.227	3.227	0	%100
122	M128	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.036	1.036	0	%100
2	M1	Z	.598	.598	0	%100
3	M4	X	2.949	2.949	0	%100
4	M4	Z	1.702	1.702	0	%100
5	M10	X	.806	.806	0	%100
6	M10	Z	.465	.465	0	%100
7	MP3A	X	3.464	3.464	0	%100
8	MP3A	Z	2	2	0	%100
9	MP4A	X	3.464	3.464	0	%100
10	MP4A	Z	2	2	0	%100
11	MP2A	X	3.464	3.464	0	%100
12	MP2A	Z	2	2	0	%100
13	MP1A	X	3.464	3.464	0	%100
14	MP1A	Z	2	2	0	%100
15	M43	X	.806	.806	0	%100
16	M43	Z	.465	.465	0	%100
17	M46	X	1.212	1.212	0	%100
18	M46	Z	.7	.7	0	%100
19	M51B	X	.915	.915	0	%100
20	M51B	Z	.528	.528	0	%100
21	M52B	X	3.659	3.659	0	%100
22	M52B	Z	2.113	2.113	0	%100
23	M76	X	3.604	3.604	0	%100
24	M76	Z	2.081	2.081	0	%100
25	M77	X	1.218	1.218	0	%100
26	M77	Z	.703	.703	0	%100
27	M80	X	1.267	1.267	0	%100
28	M80	Z	.732	.732	0	%100
29	M84	X	3.604	3.604	0	%100
30	M84	Z	2.081	2.081	0	%100
31	M85	X	4.872	4.872	0	%100
32	M85	Z	2.813	2.813	0	%100
33	M91	X	5.069	5.069	0	%100
34	M91	Z	2.927	2.927	0	%100
35	M52A	X	2.949	2.949	0	%100
36	M52A	Z	1.702	1.702	0	%100
37	M53	X	.806	.806	0	%100
38	M53	Z	.465	.465	0	%100
39	M54	X	.806	.806	0	%100
40	M54	Z	.465	.465	0	%100
41	M55	X	1.212	1.212	0	%100
42	M55	Z	.7	.7	0	%100
43	M58A	X	3.659	3.659	0	%100
44	M58A	Z	2.113	2.113	0	%100
45	M59A	X	.915	.915	0	%100
46	M59A	Z	.528	.528	0	%100
47	M63	X	3.604	3.604	0	%100
48	M63	Z	2.081	2.081	0	%100
49	M64	X	4.872	4.872	0	%100
50	M64	Z	2.813	2.813	0	%100
51	M66	X	5.069	5.069	0	%100
52	M66	Z	2.927	2.927	0	%100
53	M68	X	3.604	3.604	0	%100
54	M68	Z	2.081	2.081	0	%100
55	M69	X	1.218	1.218	0	%100
56	M69	Z	.703	.703	0	%100
57	M71	X	1.267	1.267	0	%100
58	M71	Z	.732	.732	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	3.224	3.224	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,%]
62	M77A	Z	1.862	1.862	0	%100
63	M78	X	3.224	3.224	0	%100
64	M78	Z	1.862	1.862	0	%100
65	M79A	X	4.85	4.85	0	%100
66	M79A	Z	2.8	2.8	0	%100
67	M82	X	.915	.915	0	%100
68	M82	Z	.528	.528	0	%100
69	M83A	X	.915	.915	0	%100
70	M83A	Z	.528	.528	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	1.218	1.218	0	%100
74	M88A	Z	.703	.703	0	%100
75	M90	X	1.267	1.267	0	%100
76	M90	Z	.732	.732	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	1.218	1.218	0	%100
80	M93	Z	.703	.703	0	%100
81	M95	X	1.267	1.267	0	%100
82	M95	Z	.732	.732	0	%100
83	M82A	X	1.036	1.036	0	%100
84	M82A	Z	.598	.598	0	%100
85	M91B	X	4.143	4.143	0	%100
86	M91B	Z	2.392	2.392	0	%100
87	MP3C	X	3.464	3.464	0	%100
88	MP3C	Z	2	2	0	%100
89	MP4C	X	3.464	3.464	0	%100
90	MP4C	Z	2	2	0	%100
91	MP2C	X	3.464	3.464	0	%100
92	MP2C	Z	2	2	0	%100
93	MP1C	X	3.464	3.464	0	%100
94	MP1C	Z	2	2	0	%100
95	MP3B	X	3.464	3.464	0	%100
96	MP3B	Z	2	2	0	%100
97	MP4B	X	3.464	3.464	0	%100
98	MP4B	Z	2	2	0	%100
99	MP2B	X	3.464	3.464	0	%100
100	MP2B	Z	2	2	0	%100
101	MP1B	X	3.464	3.464	0	%100
102	MP1B	Z	2	2	0	%100
103	M100	X	.866	.866	0	%100
104	M100	Z	.5	.5	0	%100
105	M107	X	.866	.866	0	%100
106	M107	Z	.5	.5	0	%100
107	M114	X	3.464	3.464	0	%100
108	M114	Z	2	2	0	%100
109	M121	X	.747	.747	0	%100
110	M121	Z	.431	.431	0	%100
111	M122	X	.747	.747	0	%100
112	M122	Z	.431	.431	0	%100
113	M123	X	2.987	2.987	0	%100
114	M123	Z	1.725	1.725	0	%100
115	OVP	X	2.933	2.933	0	%100
116	OVP	Z	1.693	1.693	0	%100
117	M126	X	3.667	3.667	0	%100
118	M126	Z	2.117	2.117	0	%100
119	M127	X	3.667	3.667	0	%100
120	M127	Z	2.117	2.117	0	%100
121	M128	X	2.359	2.359	0	%100
122	M128	Z	1.362	1.362	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.794	1.794	0	%100
2	M1	Z	3.107	3.107	0	%100
3	M4	X	.567	.567	0	%100
4	M4	Z	.983	.983	0	%100
5	M10	X	1.396	1.396	0	%100
6	M10	Z	2.418	2.418	0	%100
7	MP3A	X	2	2	0	%100
8	MP3A	Z	3.464	3.464	0	%100
9	MP4A	X	2	2	0	%100
10	MP4A	Z	3.464	3.464	0	%100
11	MP2A	X	2	2	0	%100
12	MP2A	Z	3.464	3.464	0	%100
13	MP1A	X	2	2	0	%100
14	MP1A	Z	3.464	3.464	0	%100
15	M43	X	1.396	1.396	0	%100
16	M43	Z	2.418	2.418	0	%100
17	M46	X	2.1	2.1	0	%100
18	M46	Z	3.637	3.637	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.584	1.584	0	%100
22	M52B	Z	2.744	2.744	0	%100
23	M76	X	.694	.694	0	%100
24	M76	Z	1.201	1.201	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.694	.694	0	%100
30	M84	Z	1.201	1.201	0	%100
31	M85	X	2.11	2.11	0	%100
32	M85	Z	3.654	3.654	0	%100
33	M91	X	2.195	2.195	0	%100
34	M91	Z	3.802	3.802	0	%100
35	M52A	X	2.27	2.27	0	%100
36	M52A	Z	3.931	3.931	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	1.584	1.584	0	%100
44	M58A	Z	2.744	2.744	0	%100
45	M59A	X	1.584	1.584	0	%100
46	M59A	Z	2.744	2.744	0	%100
47	M63	X	2.774	2.774	0	%100
48	M63	Z	4.805	4.805	0	%100
49	M64	X	2.11	2.11	0	%100
50	M64	Z	3.654	3.654	0	%100
51	M66	X	2.195	2.195	0	%100
52	M66	Z	3.802	3.802	0	%100
53	M68	X	2.774	2.774	0	%100
54	M68	Z	4.805	4.805	0	%100
55	M69	X	2.11	2.11	0	%100
56	M69	Z	3.654	3.654	0	%100
57	M71	X	2.195	2.195	0	%100
58	M71	Z	3.802	3.802	0	%100
59	M76A	X	.567	.567	0	%100
60	M76A	Z	.983	.983	0	%100
61	M77A	X	1.396	1.396	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M77A	Z	2.418	2.418	0	%100
63	M78	X	1.396	1.396	0	%100
64	M78	Z	2.418	2.418	0	%100
65	M79A	X	2.1	2.1	0	%100
66	M79A	Z	3.637	3.637	0	%100
67	M82	X	1.584	1.584	0	%100
68	M82	Z	2.744	2.744	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.694	.694	0	%100
72	M87	Z	1.201	1.201	0	%100
73	M88A	X	2.11	2.11	0	%100
74	M88A	Z	3.654	3.654	0	%100
75	M90	X	2.195	2.195	0	%100
76	M90	Z	3.802	3.802	0	%100
77	M92A	X	.694	.694	0	%100
78	M92A	Z	1.201	1.201	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	1.794	1.794	0	%100
86	M91B	Z	3.107	3.107	0	%100
87	MP3C	X	2	2	0	%100
88	MP3C	Z	3.464	3.464	0	%100
89	MP4C	X	2	2	0	%100
90	MP4C	Z	3.464	3.464	0	%100
91	MP2C	X	2	2	0	%100
92	MP2C	Z	3.464	3.464	0	%100
93	MP1C	X	2	2	0	%100
94	MP1C	Z	3.464	3.464	0	%100
95	MP3B	X	2	2	0	%100
96	MP3B	Z	3.464	3.464	0	%100
97	MP4B	X	2	2	0	%100
98	MP4B	Z	3.464	3.464	0	%100
99	MP2B	X	2	2	0	%100
100	MP2B	Z	3.464	3.464	0	%100
101	MP1B	X	2	2	0	%100
102	MP1B	Z	3.464	3.464	0	%100
103	M100	X	1.5	1.5	0	%100
104	M100	Z	2.598	2.598	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	1.5	1.5	0	%100
108	M114	Z	2.598	2.598	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	1.293	1.293	0	%100
112	M122	Z	2.24	2.24	0	%100
113	M123	X	1.293	1.293	0	%100
114	M123	Z	2.24	2.24	0	%100
115	OVP	X	1.693	1.693	0	%100
116	OVP	Z	2.933	2.933	0	%100
117	M126	X	1.614	1.614	0	%100
118	M126	Z	2.795	2.795	0	%100
119	M127	X	2.369	2.369	0	%100
120	M127	Z	4.103	4.103	0	%100
121	M128	X	1.614	1.614	0	%100
122	M128	Z	2.795	2.795	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	4.784	4.784	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	3.723	3.723	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	4	4	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	4	4	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	4	4	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	4	4	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	3.723	3.723	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	5.6	5.6	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	1.056	1.056	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	1.056	1.056	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	1.407	1.407	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.463	1.463	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	1.407	1.407	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.463	1.463	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	3.405	3.405	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	.931	.931	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	.931	.931	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	1.4	1.4	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	1.056	1.056	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	4.225	4.225	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	4.161	4.161	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	1.407	1.407	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	1.463	1.463	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	4.161	4.161	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	5.626	5.626	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	5.853	5.853	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	3.405	3.405	0	%100
61	M77A	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,%]
62	M77A	Z	.931	.931	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	.931	.931	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	1.4	1.4	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	4.225	4.225	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	1.056	1.056	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	4.161	4.161	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	5.626	5.626	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	5.853	5.853	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	4.161	4.161	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	1.407	1.407	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	1.463	1.463	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	1.196	1.196	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	1.196	1.196	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	4	4	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	4	4	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	4	4	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	4	4	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	4	4	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	4	4	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	4	4	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	4	4	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	4	4	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	1	1	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	1	1	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.862	.862	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	3.449	3.449	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	.862	.862	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	3.387	3.387	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	2.724	2.724	0	%100
119	M127	X	0	0	0	%100
120	M127	Z	4.234	4.234	0	%100
121	M128	X	0	0	0	%100
122	M128	Z	4.234	4.234	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.794	-1.794	0	%100
2	M1	Z	3.107	3.107	0	%100
3	M4	X	-.567	-.567	0	%100
4	M4	Z	.983	.983	0	%100
5	M10	X	-1.396	-1.396	0	%100
6	M10	Z	2.418	2.418	0	%100
7	MP3A	X	-2	-2	0	%100
8	MP3A	Z	3.464	3.464	0	%100
9	MP4A	X	-2	-2	0	%100
10	MP4A	Z	3.464	3.464	0	%100
11	MP2A	X	-2	-2	0	%100
12	MP2A	Z	3.464	3.464	0	%100
13	MP1A	X	-2	-2	0	%100
14	MP1A	Z	3.464	3.464	0	%100
15	M43	X	-1.396	-1.396	0	%100
16	M43	Z	2.418	2.418	0	%100
17	M46	X	-2.1	-2.1	0	%100
18	M46	Z	3.637	3.637	0	%100
19	M51B	X	-1.584	-1.584	0	%100
20	M51B	Z	2.744	2.744	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.694	-.694	0	%100
24	M76	Z	1.201	1.201	0	%100
25	M77	X	-2.11	-2.11	0	%100
26	M77	Z	3.654	3.654	0	%100
27	M80	X	-2.195	-2.195	0	%100
28	M80	Z	3.802	3.802	0	%100
29	M84	X	-.694	-.694	0	%100
30	M84	Z	1.201	1.201	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.567	-.567	0	%100
36	M52A	Z	.983	.983	0	%100
37	M53	X	-1.396	-1.396	0	%100
38	M53	Z	2.418	2.418	0	%100
39	M54	X	-1.396	-1.396	0	%100
40	M54	Z	2.418	2.418	0	%100
41	M55	X	-2.1	-2.1	0	%100
42	M55	Z	3.637	3.637	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-1.584	-1.584	0	%100
46	M59A	Z	2.744	2.744	0	%100
47	M63	X	-.694	-.694	0	%100
48	M63	Z	1.201	1.201	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.694	-.694	0	%100
54	M68	Z	1.201	1.201	0	%100
55	M69	X	-2.11	-2.11	0	%100
56	M69	Z	3.654	3.654	0	%100
57	M71	X	-2.195	-2.195	0	%100
58	M71	Z	3.802	3.802	0	%100
59	M76A	X	-2.27	-2.27	0	%100
60	M76A	Z	3.931	3.931	0	%100
61	M77A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-1.584	-1.584	0	%100
68	M82	Z	2.744	2.744	0	%100
69	M83A	X	-1.584	-1.584	0	%100
70	M83A	Z	2.744	2.744	0	%100
71	M87	X	-2.774	-2.774	0	%100
72	M87	Z	4.805	4.805	0	%100
73	M88A	X	-2.11	-2.11	0	%100
74	M88A	Z	3.654	3.654	0	%100
75	M90	X	-2.195	-2.195	0	%100
76	M90	Z	3.802	3.802	0	%100
77	M92A	X	-2.774	-2.774	0	%100
78	M92A	Z	4.805	4.805	0	%100
79	M93	X	-2.11	-2.11	0	%100
80	M93	Z	3.654	3.654	0	%100
81	M95	X	-2.195	-2.195	0	%100
82	M95	Z	3.802	3.802	0	%100
83	M82A	X	-1.794	-1.794	0	%100
84	M82A	Z	3.107	3.107	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	-2	-2	0	%100
88	MP3C	Z	3.464	3.464	0	%100
89	MP4C	X	-2	-2	0	%100
90	MP4C	Z	3.464	3.464	0	%100
91	MP2C	X	-2	-2	0	%100
92	MP2C	Z	3.464	3.464	0	%100
93	MP1C	X	-2	-2	0	%100
94	MP1C	Z	3.464	3.464	0	%100
95	MP3B	X	-2	-2	0	%100
96	MP3B	Z	3.464	3.464	0	%100
97	MP4B	X	-2	-2	0	%100
98	MP4B	Z	3.464	3.464	0	%100
99	MP2B	X	-2	-2	0	%100
100	MP2B	Z	3.464	3.464	0	%100
101	MP1B	X	-2	-2	0	%100
102	MP1B	Z	3.464	3.464	0	%100
103	M100	X	-1.5	-1.5	0	%100
104	M100	Z	2.598	2.598	0	%100
105	M107	X	-1.5	-1.5	0	%100
106	M107	Z	2.598	2.598	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-1.293	-1.293	0	%100
110	M121	Z	2.24	2.24	0	%100
111	M122	X	-1.293	-1.293	0	%100
112	M122	Z	2.24	2.24	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	OVP	X	-1.693	-1.693	0	%100
116	OVP	Z	2.933	2.933	0	%100
117	M126	X	-1.614	-1.614	0	%100
118	M126	Z	2.795	2.795	0	%100
119	M127	X	-1.614	-1.614	0	%100
120	M127	Z	2.795	2.795	0	%100
121	M128	X	-2.369	-2.369	0	%100
122	M128	Z	4.103	4.103	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.036	-1.036	0	%100
2	M1	Z	.598	.598	0	%100
3	M4	X	-2.949	-2.949	0	%100
4	M4	Z	1.702	1.702	0	%100
5	M10	X	-.806	-.806	0	%100
6	M10	Z	.465	.465	0	%100
7	MP3A	X	-3.464	-3.464	0	%100
8	MP3A	Z	2	2	0	%100
9	MP4A	X	-3.464	-3.464	0	%100
10	MP4A	Z	2	2	0	%100
11	MP2A	X	-3.464	-3.464	0	%100
12	MP2A	Z	2	2	0	%100
13	MP1A	X	-3.464	-3.464	0	%100
14	MP1A	Z	2	2	0	%100
15	M43	X	-.806	-.806	0	%100
16	M43	Z	.465	.465	0	%100
17	M46	X	-1.212	-1.212	0	%100
18	M46	Z	.7	.7	0	%100
19	M51B	X	-3.659	-3.659	0	%100
20	M51B	Z	2.113	2.113	0	%100
21	M52B	X	-.915	-.915	0	%100
22	M52B	Z	.528	.528	0	%100
23	M76	X	-3.604	-3.604	0	%100
24	M76	Z	2.081	2.081	0	%100
25	M77	X	-4.872	-4.872	0	%100
26	M77	Z	2.813	2.813	0	%100
27	M80	X	-5.069	-5.069	0	%100
28	M80	Z	2.927	2.927	0	%100
29	M84	X	-3.604	-3.604	0	%100
30	M84	Z	2.081	2.081	0	%100
31	M85	X	-1.218	-1.218	0	%100
32	M85	Z	.703	.703	0	%100
33	M91	X	-1.267	-1.267	0	%100
34	M91	Z	.732	.732	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-3.224	-3.224	0	%100
38	M53	Z	1.862	1.862	0	%100
39	M54	X	-3.224	-3.224	0	%100
40	M54	Z	1.862	1.862	0	%100
41	M55	X	-4.85	-4.85	0	%100
42	M55	Z	2.8	2.8	0	%100
43	M58A	X	-.915	-.915	0	%100
44	M58A	Z	.528	.528	0	%100
45	M59A	X	-.915	-.915	0	%100
46	M59A	Z	.528	.528	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-1.218	-1.218	0	%100
50	M64	Z	.703	.703	0	%100
51	M66	X	-1.267	-1.267	0	%100
52	M66	Z	.732	.732	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-1.218	-1.218	0	%100
56	M69	Z	.703	.703	0	%100
57	M71	X	-1.267	-1.267	0	%100
58	M71	Z	.732	.732	0	%100
59	M76A	X	-2.949	-2.949	0	%100
60	M76A	Z	1.702	1.702	0	%100
61	M77A	X	-.806	-.806	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,%]
62	M77A	Z	.465	.465	0	%100
63	M78	X	-.806	-.806	0	%100
64	M78	Z	.465	.465	0	%100
65	M79A	X	-1.212	-1.212	0	%100
66	M79A	Z	.7	.7	0	%100
67	M82	X	-.915	-.915	0	%100
68	M82	Z	.528	.528	0	%100
69	M83A	X	-3.659	-3.659	0	%100
70	M83A	Z	2.113	2.113	0	%100
71	M87	X	-3.604	-3.604	0	%100
72	M87	Z	2.081	2.081	0	%100
73	M88A	X	-1.218	-1.218	0	%100
74	M88A	Z	.703	.703	0	%100
75	M90	X	-1.267	-1.267	0	%100
76	M90	Z	.732	.732	0	%100
77	M92A	X	-3.604	-3.604	0	%100
78	M92A	Z	2.081	2.081	0	%100
79	M93	X	-4.872	-4.872	0	%100
80	M93	Z	2.813	2.813	0	%100
81	M95	X	-5.069	-5.069	0	%100
82	M95	Z	2.927	2.927	0	%100
83	M82A	X	-4.143	-4.143	0	%100
84	M82A	Z	2.392	2.392	0	%100
85	M91B	X	-1.036	-1.036	0	%100
86	M91B	Z	.598	.598	0	%100
87	MP3C	X	-3.464	-3.464	0	%100
88	MP3C	Z	2	2	0	%100
89	MP4C	X	-3.464	-3.464	0	%100
90	MP4C	Z	2	2	0	%100
91	MP2C	X	-3.464	-3.464	0	%100
92	MP2C	Z	2	2	0	%100
93	MP1C	X	-3.464	-3.464	0	%100
94	MP1C	Z	2	2	0	%100
95	MP3B	X	-3.464	-3.464	0	%100
96	MP3B	Z	2	2	0	%100
97	MP4B	X	-3.464	-3.464	0	%100
98	MP4B	Z	2	2	0	%100
99	MP2B	X	-3.464	-3.464	0	%100
100	MP2B	Z	2	2	0	%100
101	MP1B	X	-3.464	-3.464	0	%100
102	MP1B	Z	2	2	0	%100
103	M100	X	-.866	-.866	0	%100
104	M100	Z	.5	.5	0	%100
105	M107	X	-3.464	-3.464	0	%100
106	M107	Z	2	2	0	%100
107	M114	X	-.866	-.866	0	%100
108	M114	Z	.5	.5	0	%100
109	M121	X	-2.987	-2.987	0	%100
110	M121	Z	1.725	1.725	0	%100
111	M122	X	-.747	-.747	0	%100
112	M122	Z	.431	.431	0	%100
113	M123	X	-.747	-.747	0	%100
114	M123	Z	.431	.431	0	%100
115	OVP	X	-2.933	-2.933	0	%100
116	OVP	Z	1.693	1.693	0	%100
117	M126	X	-3.667	-3.667	0	%100
118	M126	Z	2.117	2.117	0	%100
119	M127	X	-2.359	-2.359	0	%100
120	M127	Z	1.362	1.362	0	%100
121	M128	X	-3.667	-3.667	0	%100
122	M128	Z	2.117	2.117	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-4.54	-4.54	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-4	-4	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-4	-4	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-4	-4	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-4	-4	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-3.169	-3.169	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-3.169	-3.169	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-5.549	-5.549	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-4.22	-4.22	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-4.39	-4.39	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-5.549	-5.549	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-4.22	-4.22	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-4.39	-4.39	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-1.135	-1.135	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-2.792	-2.792	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-2.792	-2.792	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-4.2	-4.2	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-3.169	-3.169	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-1.387	-1.387	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-4.22	-4.22	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-4.39	-4.39	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-1.387	-1.387	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-1.135	-1.135	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-2.792	-2.792	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,%]
62	M77A	Z	0	0	0	%100
63	M78	X	-2.792	-2.792	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-4.2	-4.2	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-3.169	-3.169	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-1.387	-1.387	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-1.387	-1.387	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-4.22	-4.22	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-4.39	-4.39	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	-3.588	-3.588	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-3.588	-3.588	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	-4	-4	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-4	-4	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	-4	-4	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1C	X	-4	-4	0	%100
94	MP1C	Z	0	0	0	%100
95	MP3B	X	-4	-4	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-4	-4	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-4	-4	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-4	-4	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M107	X	-3	-3	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	-3	-3	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-2.587	-2.587	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-2.587	-2.587	0	%100
114	M123	Z	0	0	0	%100
115	OVP	X	-3.387	-3.387	0	%100
116	OVP	Z	0	0	0	%100
117	M126	X	-4.737	-4.737	0	%100
118	M126	Z	0	0	0	%100
119	M127	X	-3.227	-3.227	0	%100
120	M127	Z	0	0	0	%100
121	M128	X	-3.227	-3.227	0	%100
122	M128	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.036	-1.036	0	%100
2	M1	Z	-.598	-.598	0	%100
3	M4	X	-2.949	-2.949	0	%100
4	M4	Z	-1.702	-1.702	0	%100
5	M10	X	-.806	-.806	0	%100
6	M10	Z	-.465	-.465	0	%100
7	MP3A	X	-3.464	-3.464	0	%100
8	MP3A	Z	-2	-2	0	%100
9	MP4A	X	-3.464	-3.464	0	%100
10	MP4A	Z	-2	-2	0	%100
11	MP2A	X	-3.464	-3.464	0	%100
12	MP2A	Z	-2	-2	0	%100
13	MP1A	X	-3.464	-3.464	0	%100
14	MP1A	Z	-2	-2	0	%100
15	M43	X	-.806	-.806	0	%100
16	M43	Z	-.465	-.465	0	%100
17	M46	X	-1.212	-1.212	0	%100
18	M46	Z	-.7	-.7	0	%100
19	M51B	X	-.915	-.915	0	%100
20	M51B	Z	-.528	-.528	0	%100
21	M52B	X	-3.659	-3.659	0	%100
22	M52B	Z	-2.113	-2.113	0	%100
23	M76	X	-3.604	-3.604	0	%100
24	M76	Z	-2.081	-2.081	0	%100
25	M77	X	-1.218	-1.218	0	%100
26	M77	Z	-.703	-.703	0	%100
27	M80	X	-1.267	-1.267	0	%100
28	M80	Z	-.732	-.732	0	%100
29	M84	X	-3.604	-3.604	0	%100
30	M84	Z	-2.081	-2.081	0	%100
31	M85	X	-4.872	-4.872	0	%100
32	M85	Z	-2.813	-2.813	0	%100
33	M91	X	-5.069	-5.069	0	%100
34	M91	Z	-2.927	-2.927	0	%100
35	M52A	X	-2.949	-2.949	0	%100
36	M52A	Z	-1.702	-1.702	0	%100
37	M53	X	-.806	-.806	0	%100
38	M53	Z	-.465	-.465	0	%100
39	M54	X	-.806	-.806	0	%100
40	M54	Z	-.465	-.465	0	%100
41	M55	X	-1.212	-1.212	0	%100
42	M55	Z	-.7	-.7	0	%100
43	M58A	X	-3.659	-3.659	0	%100
44	M58A	Z	-2.113	-2.113	0	%100
45	M59A	X	-.915	-.915	0	%100
46	M59A	Z	-.528	-.528	0	%100
47	M63	X	-3.604	-3.604	0	%100
48	M63	Z	-2.081	-2.081	0	%100
49	M64	X	-4.872	-4.872	0	%100
50	M64	Z	-2.813	-2.813	0	%100
51	M66	X	-5.069	-5.069	0	%100
52	M66	Z	-2.927	-2.927	0	%100
53	M68	X	-3.604	-3.604	0	%100
54	M68	Z	-2.081	-2.081	0	%100
55	M69	X	-1.218	-1.218	0	%100
56	M69	Z	-.703	-.703	0	%100
57	M71	X	-1.267	-1.267	0	%100
58	M71	Z	-.732	-.732	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-3.224	-3.224	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,%]
62	M77A	Z	-1.862	-1.862	0	%100
63	M78	X	-3.224	-3.224	0	%100
64	M78	Z	-1.862	-1.862	0	%100
65	M79A	X	-4.85	-4.85	0	%100
66	M79A	Z	-2.8	-2.8	0	%100
67	M82	X	-.915	-.915	0	%100
68	M82	Z	-.528	-.528	0	%100
69	M83A	X	-.915	-.915	0	%100
70	M83A	Z	-.528	-.528	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-1.218	-1.218	0	%100
74	M88A	Z	-.703	-.703	0	%100
75	M90	X	-1.267	-1.267	0	%100
76	M90	Z	-.732	-.732	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-1.218	-1.218	0	%100
80	M93	Z	-.703	-.703	0	%100
81	M95	X	-1.267	-1.267	0	%100
82	M95	Z	-.732	-.732	0	%100
83	M82A	X	-1.036	-1.036	0	%100
84	M82A	Z	-.598	-.598	0	%100
85	M91B	X	-4.143	-4.143	0	%100
86	M91B	Z	-2.392	-2.392	0	%100
87	MP3C	X	-3.464	-3.464	0	%100
88	MP3C	Z	-2	-2	0	%100
89	MP4C	X	-3.464	-3.464	0	%100
90	MP4C	Z	-2	-2	0	%100
91	MP2C	X	-3.464	-3.464	0	%100
92	MP2C	Z	-2	-2	0	%100
93	MP1C	X	-3.464	-3.464	0	%100
94	MP1C	Z	-2	-2	0	%100
95	MP3B	X	-3.464	-3.464	0	%100
96	MP3B	Z	-2	-2	0	%100
97	MP4B	X	-3.464	-3.464	0	%100
98	MP4B	Z	-2	-2	0	%100
99	MP2B	X	-3.464	-3.464	0	%100
100	MP2B	Z	-2	-2	0	%100
101	MP1B	X	-3.464	-3.464	0	%100
102	MP1B	Z	-2	-2	0	%100
103	M100	X	-.866	-.866	0	%100
104	M100	Z	-.5	-.5	0	%100
105	M107	X	-.866	-.866	0	%100
106	M107	Z	-.5	-.5	0	%100
107	M114	X	-3.464	-3.464	0	%100
108	M114	Z	-2	-2	0	%100
109	M121	X	-.747	-.747	0	%100
110	M121	Z	-.431	-.431	0	%100
111	M122	X	-.747	-.747	0	%100
112	M122	Z	-.431	-.431	0	%100
113	M123	X	-2.987	-2.987	0	%100
114	M123	Z	-1.725	-1.725	0	%100
115	OVP	X	-2.933	-2.933	0	%100
116	OVP	Z	-1.693	-1.693	0	%100
117	M126	X	-3.667	-3.667	0	%100
118	M126	Z	-2.117	-2.117	0	%100
119	M127	X	-3.667	-3.667	0	%100
120	M127	Z	-2.117	-2.117	0	%100
121	M128	X	-2.359	-2.359	0	%100
122	M128	Z	-1.362	-1.362	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.794	-1.794	0	%100
2	M1	Z	-3.107	-3.107	0	%100
3	M4	X	-.567	-.567	0	%100
4	M4	Z	-.983	-.983	0	%100
5	M10	X	-1.396	-1.396	0	%100
6	M10	Z	-2.418	-2.418	0	%100
7	MP3A	X	-2	-2	0	%100
8	MP3A	Z	-3.464	-3.464	0	%100
9	MP4A	X	-2	-2	0	%100
10	MP4A	Z	-3.464	-3.464	0	%100
11	MP2A	X	-2	-2	0	%100
12	MP2A	Z	-3.464	-3.464	0	%100
13	MP1A	X	-2	-2	0	%100
14	MP1A	Z	-3.464	-3.464	0	%100
15	M43	X	-1.396	-1.396	0	%100
16	M43	Z	-2.418	-2.418	0	%100
17	M46	X	-2.1	-2.1	0	%100
18	M46	Z	-3.637	-3.637	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.584	-1.584	0	%100
22	M52B	Z	-2.744	-2.744	0	%100
23	M76	X	-.694	-.694	0	%100
24	M76	Z	-1.201	-1.201	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.694	-.694	0	%100
30	M84	Z	-1.201	-1.201	0	%100
31	M85	X	-2.11	-2.11	0	%100
32	M85	Z	-3.654	-3.654	0	%100
33	M91	X	-2.195	-2.195	0	%100
34	M91	Z	-3.802	-3.802	0	%100
35	M52A	X	-2.27	-2.27	0	%100
36	M52A	Z	-3.931	-3.931	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-1.584	-1.584	0	%100
44	M58A	Z	-2.744	-2.744	0	%100
45	M59A	X	-1.584	-1.584	0	%100
46	M59A	Z	-2.744	-2.744	0	%100
47	M63	X	-2.774	-2.774	0	%100
48	M63	Z	-4.805	-4.805	0	%100
49	M64	X	-2.11	-2.11	0	%100
50	M64	Z	-3.654	-3.654	0	%100
51	M66	X	-2.195	-2.195	0	%100
52	M66	Z	-3.802	-3.802	0	%100
53	M68	X	-2.774	-2.774	0	%100
54	M68	Z	-4.805	-4.805	0	%100
55	M69	X	-2.11	-2.11	0	%100
56	M69	Z	-3.654	-3.654	0	%100
57	M71	X	-2.195	-2.195	0	%100
58	M71	Z	-3.802	-3.802	0	%100
59	M76A	X	-.567	-.567	0	%100
60	M76A	Z	-.983	-.983	0	%100
61	M77A	X	-1.396	-1.396	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,%]
62	M77A	Z	-2.418	-2.418	0	%100
63	M78	X	-1.396	-1.396	0	%100
64	M78	Z	-2.418	-2.418	0	%100
65	M79A	X	-2.1	-2.1	0	%100
66	M79A	Z	-3.637	-3.637	0	%100
67	M82	X	-1.584	-1.584	0	%100
68	M82	Z	-2.744	-2.744	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.694	-.694	0	%100
72	M87	Z	-1.201	-1.201	0	%100
73	M88A	X	-2.11	-2.11	0	%100
74	M88A	Z	-3.654	-3.654	0	%100
75	M90	X	-2.195	-2.195	0	%100
76	M90	Z	-3.802	-3.802	0	%100
77	M92A	X	-.694	-.694	0	%100
78	M92A	Z	-1.201	-1.201	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-1.794	-1.794	0	%100
86	M91B	Z	-3.107	-3.107	0	%100
87	MP3C	X	-2	-2	0	%100
88	MP3C	Z	-3.464	-3.464	0	%100
89	MP4C	X	-2	-2	0	%100
90	MP4C	Z	-3.464	-3.464	0	%100
91	MP2C	X	-2	-2	0	%100
92	MP2C	Z	-3.464	-3.464	0	%100
93	MP1C	X	-2	-2	0	%100
94	MP1C	Z	-3.464	-3.464	0	%100
95	MP3B	X	-2	-2	0	%100
96	MP3B	Z	-3.464	-3.464	0	%100
97	MP4B	X	-2	-2	0	%100
98	MP4B	Z	-3.464	-3.464	0	%100
99	MP2B	X	-2	-2	0	%100
100	MP2B	Z	-3.464	-3.464	0	%100
101	MP1B	X	-2	-2	0	%100
102	MP1B	Z	-3.464	-3.464	0	%100
103	M100	X	-1.5	-1.5	0	%100
104	M100	Z	-2.598	-2.598	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	-1.5	-1.5	0	%100
108	M114	Z	-2.598	-2.598	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-1.293	-1.293	0	%100
112	M122	Z	-2.24	-2.24	0	%100
113	M123	X	-1.293	-1.293	0	%100
114	M123	Z	-2.24	-2.24	0	%100
115	OVP	X	-1.693	-1.693	0	%100
116	OVP	Z	-2.933	-2.933	0	%100
117	M126	X	-1.614	-1.614	0	%100
118	M126	Z	-2.795	-2.795	0	%100
119	M127	X	-2.369	-2.369	0	%100
120	M127	Z	-4.103	-4.103	0	%100
121	M128	X	-1.614	-1.614	0	%100
122	M128	Z	-2.795	-2.795	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.878	-.878	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.755	-.755	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.596	-.596	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.596	-.596	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.596	-.596	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.596	-.596	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.755	-.755	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.505	-1.505	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.209	-.209	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.209	-.209	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.383	-.383	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.404	-.404	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-.383	-.383	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.404	-.404	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-.669	-.669	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-.189	-.189	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-.189	-.189	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-.376	-.376	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-.209	-.209	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-.836	-.836	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-1.129	-1.129	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-.383	-.383	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-.404	-.404	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-1.129	-1.129	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-1.533	-1.533	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-1.615	-1.615	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-.669	-.669	0	%100
61	M77A	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,%]
62	M77A	Z	-.189	-.189	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-.189	-.189	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-.376	-.376	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-.836	-.836	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-.209	-.209	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-1.129	-1.129	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-1.533	-1.533	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-1.615	-1.615	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-1.129	-1.129	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-.383	-.383	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-.404	-.404	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	-.219	-.219	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	-.219	-.219	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-.596	-.596	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-.596	-.596	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-.596	-.596	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-.596	-.596	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-.596	-.596	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-.596	-.596	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.596	-.596	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-.596	-.596	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-.596	-.596	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	-.149	-.149	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	-.149	-.149	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.179	-.179	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.715	-.715	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-.179	-.179	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	-.543	-.543	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	-.68	-.68	0	%100
119	M127	X	0	0	0	%100
120	M127	Z	-.916	-.916	0	%100
121	M128	X	0	0	0	%100
122	M128	Z	-.916	-.916	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.329	.329	0	%100
2	M1	Z	-.57	-.57	0	%100
3	M4	X	.111	.111	0	%100
4	M4	Z	-.193	-.193	0	%100
5	M10	X	.283	.283	0	%100
6	M10	Z	-.49	-.49	0	%100
7	MP3A	X	.298	.298	0	%100
8	MP3A	Z	-.516	-.516	0	%100
9	MP4A	X	.298	.298	0	%100
10	MP4A	Z	-.516	-.516	0	%100
11	MP2A	X	.298	.298	0	%100
12	MP2A	Z	-.516	-.516	0	%100
13	MP1A	X	.298	.298	0	%100
14	MP1A	Z	-.516	-.516	0	%100
15	M43	X	.283	.283	0	%100
16	M43	Z	-.49	-.49	0	%100
17	M46	X	.564	.564	0	%100
18	M46	Z	-.978	-.978	0	%100
19	M51B	X	.313	.313	0	%100
20	M51B	Z	-.543	-.543	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.188	.188	0	%100
24	M76	Z	-.326	-.326	0	%100
25	M77	X	.575	.575	0	%100
26	M77	Z	-.996	-.996	0	%100
27	M80	X	.605	.605	0	%100
28	M80	Z	-1.049	-1.049	0	%100
29	M84	X	.188	.188	0	%100
30	M84	Z	-.326	-.326	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.111	.111	0	%100
36	M52A	Z	-.193	-.193	0	%100
37	M53	X	.283	.283	0	%100
38	M53	Z	-.49	-.49	0	%100
39	M54	X	.283	.283	0	%100
40	M54	Z	-.49	-.49	0	%100
41	M55	X	.564	.564	0	%100
42	M55	Z	-.978	-.978	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	.313	.313	0	%100
46	M59A	Z	-.543	-.543	0	%100
47	M63	X	.188	.188	0	%100
48	M63	Z	-.326	-.326	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.188	.188	0	%100
54	M68	Z	-.326	-.326	0	%100
55	M69	X	.575	.575	0	%100
56	M69	Z	-.996	-.996	0	%100
57	M71	X	.605	.605	0	%100
58	M71	Z	-1.049	-1.049	0	%100
59	M76A	X	.446	.446	0	%100
60	M76A	Z	-.772	-.772	0	%100
61	M77A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	.313	.313	0	%100
68	M82	Z	-.543	-.543	0	%100
69	M83A	X	.313	.313	0	%100
70	M83A	Z	-.543	-.543	0	%100
71	M87	X	.753	.753	0	%100
72	M87	Z	-1.303	-1.303	0	%100
73	M88A	X	.575	.575	0	%100
74	M88A	Z	-.996	-.996	0	%100
75	M90	X	.605	.605	0	%100
76	M90	Z	-1.049	-1.049	0	%100
77	M92A	X	.753	.753	0	%100
78	M92A	Z	-1.303	-1.303	0	%100
79	M93	X	.575	.575	0	%100
80	M93	Z	-.996	-.996	0	%100
81	M95	X	.605	.605	0	%100
82	M95	Z	-1.049	-1.049	0	%100
83	M82A	X	.329	.329	0	%100
84	M82A	Z	-.57	-.57	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	.298	.298	0	%100
88	MP3C	Z	-.516	-.516	0	%100
89	MP4C	X	.298	.298	0	%100
90	MP4C	Z	-.516	-.516	0	%100
91	MP2C	X	.298	.298	0	%100
92	MP2C	Z	-.516	-.516	0	%100
93	MP1C	X	.298	.298	0	%100
94	MP1C	Z	-.516	-.516	0	%100
95	MP3B	X	.298	.298	0	%100
96	MP3B	Z	-.516	-.516	0	%100
97	MP4B	X	.298	.298	0	%100
98	MP4B	Z	-.516	-.516	0	%100
99	MP2B	X	.298	.298	0	%100
100	MP2B	Z	-.516	-.516	0	%100
101	MP1B	X	.298	.298	0	%100
102	MP1B	Z	-.516	-.516	0	%100
103	M100	X	.223	.223	0	%100
104	M100	Z	-.387	-.387	0	%100
105	M107	X	.223	.223	0	%100
106	M107	Z	-.387	-.387	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	.268	.268	0	%100
110	M121	Z	-.465	-.465	0	%100
111	M122	X	.268	.268	0	%100
112	M122	Z	-.465	-.465	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	OVP	X	.271	.271	0	%100
116	OVP	Z	-.47	-.47	0	%100
117	M126	X	.379	.379	0	%100
118	M126	Z	-.657	-.657	0	%100
119	M127	X	.379	.379	0	%100
120	M127	Z	-.657	-.657	0	%100
121	M128	X	.498	.498	0	%100
122	M128	Z	-.862	-.862	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.19	.19	0	%100
2	M1	Z	-.11	-.11	0	%100
3	M4	X	.579	.579	0	%100
4	M4	Z	-.334	-.334	0	%100
5	M10	X	.163	.163	0	%100
6	M10	Z	-.094	-.094	0	%100
7	MP3A	X	.516	.516	0	%100
8	MP3A	Z	-.298	-.298	0	%100
9	MP4A	X	.516	.516	0	%100
10	MP4A	Z	-.298	-.298	0	%100
11	MP2A	X	.516	.516	0	%100
12	MP2A	Z	-.298	-.298	0	%100
13	MP1A	X	.516	.516	0	%100
14	MP1A	Z	-.298	-.298	0	%100
15	M43	X	.163	.163	0	%100
16	M43	Z	-.094	-.094	0	%100
17	M46	X	.326	.326	0	%100
18	M46	Z	-.188	-.188	0	%100
19	M51B	X	.724	.724	0	%100
20	M51B	Z	-.418	-.418	0	%100
21	M52B	X	.181	.181	0	%100
22	M52B	Z	-.104	-.104	0	%100
23	M76	X	.978	.978	0	%100
24	M76	Z	-.564	-.564	0	%100
25	M77	X	1.328	1.328	0	%100
26	M77	Z	-.766	-.766	0	%100
27	M80	X	1.398	1.398	0	%100
28	M80	Z	-.807	-.807	0	%100
29	M84	X	.978	.978	0	%100
30	M84	Z	-.564	-.564	0	%100
31	M85	X	.332	.332	0	%100
32	M85	Z	-.192	-.192	0	%100
33	M91	X	.35	.35	0	%100
34	M91	Z	-.202	-.202	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	.653	.653	0	%100
38	M53	Z	-.377	-.377	0	%100
39	M54	X	.653	.653	0	%100
40	M54	Z	-.377	-.377	0	%100
41	M55	X	1.303	1.303	0	%100
42	M55	Z	-.753	-.753	0	%100
43	M58A	X	.181	.181	0	%100
44	M58A	Z	-.104	-.104	0	%100
45	M59A	X	.181	.181	0	%100
46	M59A	Z	-.104	-.104	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	.332	.332	0	%100
50	M64	Z	-.192	-.192	0	%100
51	M66	X	.35	.35	0	%100
52	M66	Z	-.202	-.202	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	.332	.332	0	%100
56	M69	Z	-.192	-.192	0	%100
57	M71	X	.35	.35	0	%100
58	M71	Z	-.202	-.202	0	%100
59	M76A	X	.579	.579	0	%100
60	M76A	Z	-.334	-.334	0	%100
61	M77A	X	.163	.163	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,%]
62	M77A	Z	-.094	-.094	0	%100
63	M78	X	.163	.163	0	%100
64	M78	Z	-.094	-.094	0	%100
65	M79A	X	.326	.326	0	%100
66	M79A	Z	-.188	-.188	0	%100
67	M82	X	.181	.181	0	%100
68	M82	Z	-.104	-.104	0	%100
69	M83A	X	.724	.724	0	%100
70	M83A	Z	-.418	-.418	0	%100
71	M87	X	.978	.978	0	%100
72	M87	Z	-.564	-.564	0	%100
73	M88A	X	.332	.332	0	%100
74	M88A	Z	-.192	-.192	0	%100
75	M90	X	.35	.35	0	%100
76	M90	Z	-.202	-.202	0	%100
77	M92A	X	.978	.978	0	%100
78	M92A	Z	-.564	-.564	0	%100
79	M93	X	1.328	1.328	0	%100
80	M93	Z	-.766	-.766	0	%100
81	M95	X	1.398	1.398	0	%100
82	M95	Z	-.807	-.807	0	%100
83	M82A	X	.76	.76	0	%100
84	M82A	Z	-.439	-.439	0	%100
85	M91B	X	.19	.19	0	%100
86	M91B	Z	-.11	-.11	0	%100
87	MP3C	X	.516	.516	0	%100
88	MP3C	Z	-.298	-.298	0	%100
89	MP4C	X	.516	.516	0	%100
90	MP4C	Z	-.298	-.298	0	%100
91	MP2C	X	.516	.516	0	%100
92	MP2C	Z	-.298	-.298	0	%100
93	MP1C	X	.516	.516	0	%100
94	MP1C	Z	-.298	-.298	0	%100
95	MP3B	X	.516	.516	0	%100
96	MP3B	Z	-.298	-.298	0	%100
97	MP4B	X	.516	.516	0	%100
98	MP4B	Z	-.298	-.298	0	%100
99	MP2B	X	.516	.516	0	%100
100	MP2B	Z	-.298	-.298	0	%100
101	MP1B	X	.516	.516	0	%100
102	MP1B	Z	-.298	-.298	0	%100
103	M100	X	.129	.129	0	%100
104	M100	Z	-.074	-.074	0	%100
105	M107	X	.516	.516	0	%100
106	M107	Z	-.298	-.298	0	%100
107	M114	X	.129	.129	0	%100
108	M114	Z	-.074	-.074	0	%100
109	M121	X	.619	.619	0	%100
110	M121	Z	-.358	-.358	0	%100
111	M122	X	.155	.155	0	%100
112	M122	Z	-.089	-.089	0	%100
113	M123	X	.155	.155	0	%100
114	M123	Z	-.089	-.089	0	%100
115	OVP	X	.47	.47	0	%100
116	OVP	Z	-.271	-.271	0	%100
117	M126	X	.794	.794	0	%100
118	M126	Z	-.458	-.458	0	%100
119	M127	X	.589	.589	0	%100
120	M127	Z	-.34	-.34	0	%100
121	M128	X	.794	.794	0	%100
122	M128	Z	-.458	-.458	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.892	.892	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.596	.596	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.596	.596	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.596	.596	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.596	.596	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	.627	.627	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.627	.627	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.505	1.505	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	1.15	1.15	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	1.211	1.211	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.505	1.505	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	1.15	1.15	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	1.211	1.211	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.223	.223	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	.566	.566	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	.566	.566	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	1.129	1.129	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	.627	.627	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	.376	.376	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	1.15	1.15	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	1.211	1.211	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.376	.376	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	.223	.223	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	.566	.566	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,%]
62	M77A	Z	0	0	0	%100
63	M78	X	.566	.566	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	1.129	1.129	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	.627	.627	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.376	.376	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	.376	.376	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	1.15	1.15	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	1.211	1.211	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	.658	.658	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	.658	.658	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	.596	.596	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	.596	.596	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	.596	.596	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1C	X	.596	.596	0	%100
94	MP1C	Z	0	0	0	%100
95	MP3B	X	.596	.596	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	.596	.596	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	.596	.596	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	.596	.596	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M107	X	.447	.447	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	.447	.447	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	.536	.536	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	.536	.536	0	%100
114	M123	Z	0	0	0	%100
115	OVP	X	.543	.543	0	%100
116	OVP	Z	0	0	0	%100
117	M126	X	.995	.995	0	%100
118	M126	Z	0	0	0	%100
119	M127	X	.759	.759	0	%100
120	M127	Z	0	0	0	%100
121	M128	X	.759	.759	0	%100
122	M128	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.19	.19	0	%100
2	M1	Z	.11	.11	0	%100
3	M4	X	.579	.579	0	%100
4	M4	Z	.334	.334	0	%100
5	M10	X	.163	.163	0	%100
6	M10	Z	.094	.094	0	%100
7	MP3A	X	.516	.516	0	%100
8	MP3A	Z	.298	.298	0	%100
9	MP4A	X	.516	.516	0	%100
10	MP4A	Z	.298	.298	0	%100
11	MP2A	X	.516	.516	0	%100
12	MP2A	Z	.298	.298	0	%100
13	MP1A	X	.516	.516	0	%100
14	MP1A	Z	.298	.298	0	%100
15	M43	X	.163	.163	0	%100
16	M43	Z	.094	.094	0	%100
17	M46	X	.326	.326	0	%100
18	M46	Z	.188	.188	0	%100
19	M51B	X	.181	.181	0	%100
20	M51B	Z	.104	.104	0	%100
21	M52B	X	.724	.724	0	%100
22	M52B	Z	.418	.418	0	%100
23	M76	X	.978	.978	0	%100
24	M76	Z	.564	.564	0	%100
25	M77	X	.332	.332	0	%100
26	M77	Z	.192	.192	0	%100
27	M80	X	.35	.35	0	%100
28	M80	Z	.202	.202	0	%100
29	M84	X	.978	.978	0	%100
30	M84	Z	.564	.564	0	%100
31	M85	X	1.328	1.328	0	%100
32	M85	Z	.766	.766	0	%100
33	M91	X	1.398	1.398	0	%100
34	M91	Z	.807	.807	0	%100
35	M52A	X	.579	.579	0	%100
36	M52A	Z	.334	.334	0	%100
37	M53	X	.163	.163	0	%100
38	M53	Z	.094	.094	0	%100
39	M54	X	.163	.163	0	%100
40	M54	Z	.094	.094	0	%100
41	M55	X	.326	.326	0	%100
42	M55	Z	.188	.188	0	%100
43	M58A	X	.724	.724	0	%100
44	M58A	Z	.418	.418	0	%100
45	M59A	X	.181	.181	0	%100
46	M59A	Z	.104	.104	0	%100
47	M63	X	.978	.978	0	%100
48	M63	Z	.564	.564	0	%100
49	M64	X	1.328	1.328	0	%100
50	M64	Z	.766	.766	0	%100
51	M66	X	1.398	1.398	0	%100
52	M66	Z	.807	.807	0	%100
53	M68	X	.978	.978	0	%100
54	M68	Z	.564	.564	0	%100
55	M69	X	.332	.332	0	%100
56	M69	Z	.192	.192	0	%100
57	M71	X	.35	.35	0	%100
58	M71	Z	.202	.202	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	.653	.653	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M77A	Z	.377	.377	0	%100
63	M78	X	.653	.653	0	%100
64	M78	Z	.377	.377	0	%100
65	M79A	X	1.303	1.303	0	%100
66	M79A	Z	.753	.753	0	%100
67	M82	X	.181	.181	0	%100
68	M82	Z	.104	.104	0	%100
69	M83A	X	.181	.181	0	%100
70	M83A	Z	.104	.104	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	.332	.332	0	%100
74	M88A	Z	.192	.192	0	%100
75	M90	X	.35	.35	0	%100
76	M90	Z	.202	.202	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	.332	.332	0	%100
80	M93	Z	.192	.192	0	%100
81	M95	X	.35	.35	0	%100
82	M95	Z	.202	.202	0	%100
83	M82A	X	.19	.19	0	%100
84	M82A	Z	.11	.11	0	%100
85	M91B	X	.76	.76	0	%100
86	M91B	Z	.439	.439	0	%100
87	MP3C	X	.516	.516	0	%100
88	MP3C	Z	.298	.298	0	%100
89	MP4C	X	.516	.516	0	%100
90	MP4C	Z	.298	.298	0	%100
91	MP2C	X	.516	.516	0	%100
92	MP2C	Z	.298	.298	0	%100
93	MP1C	X	.516	.516	0	%100
94	MP1C	Z	.298	.298	0	%100
95	MP3B	X	.516	.516	0	%100
96	MP3B	Z	.298	.298	0	%100
97	MP4B	X	.516	.516	0	%100
98	MP4B	Z	.298	.298	0	%100
99	MP2B	X	.516	.516	0	%100
100	MP2B	Z	.298	.298	0	%100
101	MP1B	X	.516	.516	0	%100
102	MP1B	Z	.298	.298	0	%100
103	M100	X	.129	.129	0	%100
104	M100	Z	.074	.074	0	%100
105	M107	X	.129	.129	0	%100
106	M107	Z	.074	.074	0	%100
107	M114	X	.516	.516	0	%100
108	M114	Z	.298	.298	0	%100
109	M121	X	.155	.155	0	%100
110	M121	Z	.089	.089	0	%100
111	M122	X	.155	.155	0	%100
112	M122	Z	.089	.089	0	%100
113	M123	X	.619	.619	0	%100
114	M123	Z	.358	.358	0	%100
115	OVP	X	.47	.47	0	%100
116	OVP	Z	.271	.271	0	%100
117	M126	X	.794	.794	0	%100
118	M126	Z	.458	.458	0	%100
119	M127	X	.794	.794	0	%100
120	M127	Z	.458	.458	0	%100
121	M128	X	.589	.589	0	%100
122	M128	Z	.34	.34	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.329	.329	0	%100
2	M1	Z	.57	.57	0	%100
3	M4	X	.111	.111	0	%100
4	M4	Z	.193	.193	0	%100
5	M10	X	.283	.283	0	%100
6	M10	Z	.49	.49	0	%100
7	MP3A	X	.298	.298	0	%100
8	MP3A	Z	.516	.516	0	%100
9	MP4A	X	.298	.298	0	%100
10	MP4A	Z	.516	.516	0	%100
11	MP2A	X	.298	.298	0	%100
12	MP2A	Z	.516	.516	0	%100
13	MP1A	X	.298	.298	0	%100
14	MP1A	Z	.516	.516	0	%100
15	M43	X	.283	.283	0	%100
16	M43	Z	.49	.49	0	%100
17	M46	X	.564	.564	0	%100
18	M46	Z	.978	.978	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.313	.313	0	%100
22	M52B	Z	.543	.543	0	%100
23	M76	X	.188	.188	0	%100
24	M76	Z	.326	.326	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.188	.188	0	%100
30	M84	Z	.326	.326	0	%100
31	M85	X	.575	.575	0	%100
32	M85	Z	.996	.996	0	%100
33	M91	X	.605	.605	0	%100
34	M91	Z	1.049	1.049	0	%100
35	M52A	X	.446	.446	0	%100
36	M52A	Z	.772	.772	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	.313	.313	0	%100
44	M58A	Z	.543	.543	0	%100
45	M59A	X	.313	.313	0	%100
46	M59A	Z	.543	.543	0	%100
47	M63	X	.753	.753	0	%100
48	M63	Z	1.303	1.303	0	%100
49	M64	X	.575	.575	0	%100
50	M64	Z	.996	.996	0	%100
51	M66	X	.605	.605	0	%100
52	M66	Z	1.049	1.049	0	%100
53	M68	X	.753	.753	0	%100
54	M68	Z	1.303	1.303	0	%100
55	M69	X	.575	.575	0	%100
56	M69	Z	.996	.996	0	%100
57	M71	X	.605	.605	0	%100
58	M71	Z	1.049	1.049	0	%100
59	M76A	X	.111	.111	0	%100
60	M76A	Z	.193	.193	0	%100
61	M77A	X	.283	.283	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,%]
62	M77A	Z	.49	.49	0	%100
63	M78	X	.283	.283	0	%100
64	M78	Z	.49	.49	0	%100
65	M79A	X	.564	.564	0	%100
66	M79A	Z	.978	.978	0	%100
67	M82	X	.313	.313	0	%100
68	M82	Z	.543	.543	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.188	.188	0	%100
72	M87	Z	.326	.326	0	%100
73	M88A	X	.575	.575	0	%100
74	M88A	Z	.996	.996	0	%100
75	M90	X	.605	.605	0	%100
76	M90	Z	1.049	1.049	0	%100
77	M92A	X	.188	.188	0	%100
78	M92A	Z	.326	.326	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	.329	.329	0	%100
86	M91B	Z	.57	.57	0	%100
87	MP3C	X	.298	.298	0	%100
88	MP3C	Z	.516	.516	0	%100
89	MP4C	X	.298	.298	0	%100
90	MP4C	Z	.516	.516	0	%100
91	MP2C	X	.298	.298	0	%100
92	MP2C	Z	.516	.516	0	%100
93	MP1C	X	.298	.298	0	%100
94	MP1C	Z	.516	.516	0	%100
95	MP3B	X	.298	.298	0	%100
96	MP3B	Z	.516	.516	0	%100
97	MP4B	X	.298	.298	0	%100
98	MP4B	Z	.516	.516	0	%100
99	MP2B	X	.298	.298	0	%100
100	MP2B	Z	.516	.516	0	%100
101	MP1B	X	.298	.298	0	%100
102	MP1B	Z	.516	.516	0	%100
103	M100	X	.223	.223	0	%100
104	M100	Z	.387	.387	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	.223	.223	0	%100
108	M114	Z	.387	.387	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.268	.268	0	%100
112	M122	Z	.465	.465	0	%100
113	M123	X	.268	.268	0	%100
114	M123	Z	.465	.465	0	%100
115	OVP	X	.271	.271	0	%100
116	OVP	Z	.47	.47	0	%100
117	M126	X	.379	.379	0	%100
118	M126	Z	.657	.657	0	%100
119	M127	X	.498	.498	0	%100
120	M127	Z	.862	.862	0	%100
121	M128	X	.379	.379	0	%100
122	M128	Z	.657	.657	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.878	.878	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.755	.755	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.596	.596	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.596	.596	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.596	.596	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.596	.596	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.755	.755	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.505	1.505	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.209	.209	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.209	.209	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.383	.383	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.404	.404	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.383	.383	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.404	.404	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	.669	.669	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	.189	.189	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	.189	.189	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	.376	.376	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	.209	.209	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	.836	.836	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	1.129	1.129	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	.383	.383	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	.404	.404	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	1.129	1.129	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	1.533	1.533	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	1.615	1.615	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	.669	.669	0	%100
61	M77A	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,%]
62	M77A	Z	.189	.189	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	.189	.189	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	.376	.376	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	.836	.836	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	.209	.209	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	1.129	1.129	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	1.533	1.533	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	1.615	1.615	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	1.129	1.129	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	.383	.383	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	.404	.404	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	.219	.219	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	.219	.219	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	.596	.596	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	.596	.596	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	.596	.596	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	.596	.596	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	.596	.596	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	.596	.596	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.596	.596	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	.596	.596	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	.596	.596	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	.149	.149	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	.149	.149	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.179	.179	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	.715	.715	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	.179	.179	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	.543	.543	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	.68	.68	0	%100
119	M127	X	0	0	0	%100
120	M127	Z	.916	.916	0	%100
121	M128	X	0	0	0	%100
122	M128	Z	.916	.916	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.329	-.329	0	%100
2	M1	Z	.57	.57	0	%100
3	M4	X	-.111	-.111	0	%100
4	M4	Z	.193	.193	0	%100
5	M10	X	-.283	-.283	0	%100
6	M10	Z	.49	.49	0	%100
7	MP3A	X	-.298	-.298	0	%100
8	MP3A	Z	.516	.516	0	%100
9	MP4A	X	-.298	-.298	0	%100
10	MP4A	Z	.516	.516	0	%100
11	MP2A	X	-.298	-.298	0	%100
12	MP2A	Z	.516	.516	0	%100
13	MP1A	X	-.298	-.298	0	%100
14	MP1A	Z	.516	.516	0	%100
15	M43	X	-.283	-.283	0	%100
16	M43	Z	.49	.49	0	%100
17	M46	X	-.564	-.564	0	%100
18	M46	Z	.978	.978	0	%100
19	M51B	X	-.313	-.313	0	%100
20	M51B	Z	.543	.543	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.188	-.188	0	%100
24	M76	Z	.326	.326	0	%100
25	M77	X	-.575	-.575	0	%100
26	M77	Z	.996	.996	0	%100
27	M80	X	-.605	-.605	0	%100
28	M80	Z	1.049	1.049	0	%100
29	M84	X	-.188	-.188	0	%100
30	M84	Z	.326	.326	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.111	-.111	0	%100
36	M52A	Z	.193	.193	0	%100
37	M53	X	-.283	-.283	0	%100
38	M53	Z	.49	.49	0	%100
39	M54	X	-.283	-.283	0	%100
40	M54	Z	.49	.49	0	%100
41	M55	X	-.564	-.564	0	%100
42	M55	Z	.978	.978	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-.313	-.313	0	%100
46	M59A	Z	.543	.543	0	%100
47	M63	X	-.188	-.188	0	%100
48	M63	Z	.326	.326	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.188	-.188	0	%100
54	M68	Z	.326	.326	0	%100
55	M69	X	-.575	-.575	0	%100
56	M69	Z	.996	.996	0	%100
57	M71	X	-.605	-.605	0	%100
58	M71	Z	1.049	1.049	0	%100
59	M76A	X	-.446	-.446	0	%100
60	M76A	Z	.772	.772	0	%100
61	M77A	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,%]
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-.313	-.313	0	%100
68	M82	Z	.543	.543	0	%100
69	M83A	X	-.313	-.313	0	%100
70	M83A	Z	.543	.543	0	%100
71	M87	X	-.753	-.753	0	%100
72	M87	Z	1.303	1.303	0	%100
73	M88A	X	-.575	-.575	0	%100
74	M88A	Z	.996	.996	0	%100
75	M90	X	-.605	-.605	0	%100
76	M90	Z	1.049	1.049	0	%100
77	M92A	X	-.753	-.753	0	%100
78	M92A	Z	1.303	1.303	0	%100
79	M93	X	-.575	-.575	0	%100
80	M93	Z	.996	.996	0	%100
81	M95	X	-.605	-.605	0	%100
82	M95	Z	1.049	1.049	0	%100
83	M82A	X	-.329	-.329	0	%100
84	M82A	Z	.57	.57	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	-.298	-.298	0	%100
88	MP3C	Z	.516	.516	0	%100
89	MP4C	X	-.298	-.298	0	%100
90	MP4C	Z	.516	.516	0	%100
91	MP2C	X	-.298	-.298	0	%100
92	MP2C	Z	.516	.516	0	%100
93	MP1C	X	-.298	-.298	0	%100
94	MP1C	Z	.516	.516	0	%100
95	MP3B	X	-.298	-.298	0	%100
96	MP3B	Z	.516	.516	0	%100
97	MP4B	X	-.298	-.298	0	%100
98	MP4B	Z	.516	.516	0	%100
99	MP2B	X	-.298	-.298	0	%100
100	MP2B	Z	.516	.516	0	%100
101	MP1B	X	-.298	-.298	0	%100
102	MP1B	Z	.516	.516	0	%100
103	M100	X	-.223	-.223	0	%100
104	M100	Z	.387	.387	0	%100
105	M107	X	-.223	-.223	0	%100
106	M107	Z	.387	.387	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-.268	-.268	0	%100
110	M121	Z	.465	.465	0	%100
111	M122	X	-.268	-.268	0	%100
112	M122	Z	.465	.465	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	OVP	X	-.271	-.271	0	%100
116	OVP	Z	.47	.47	0	%100
117	M126	X	-.379	-.379	0	%100
118	M126	Z	.657	.657	0	%100
119	M127	X	-.379	-.379	0	%100
120	M127	Z	.657	.657	0	%100
121	M128	X	-.498	-.498	0	%100
122	M128	Z	.862	.862	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.19	-.19	0	%100
2	M1	Z	.11	.11	0	%100
3	M4	X	-.579	-.579	0	%100
4	M4	Z	.334	.334	0	%100
5	M10	X	-.163	-.163	0	%100
6	M10	Z	.094	.094	0	%100
7	MP3A	X	-.516	-.516	0	%100
8	MP3A	Z	.298	.298	0	%100
9	MP4A	X	-.516	-.516	0	%100
10	MP4A	Z	.298	.298	0	%100
11	MP2A	X	-.516	-.516	0	%100
12	MP2A	Z	.298	.298	0	%100
13	MP1A	X	-.516	-.516	0	%100
14	MP1A	Z	.298	.298	0	%100
15	M43	X	-.163	-.163	0	%100
16	M43	Z	.094	.094	0	%100
17	M46	X	-.326	-.326	0	%100
18	M46	Z	.188	.188	0	%100
19	M51B	X	-.724	-.724	0	%100
20	M51B	Z	.418	.418	0	%100
21	M52B	X	-.181	-.181	0	%100
22	M52B	Z	.104	.104	0	%100
23	M76	X	-.978	-.978	0	%100
24	M76	Z	.564	.564	0	%100
25	M77	X	-1.328	-1.328	0	%100
26	M77	Z	.766	.766	0	%100
27	M80	X	-1.398	-1.398	0	%100
28	M80	Z	.807	.807	0	%100
29	M84	X	-.978	-.978	0	%100
30	M84	Z	.564	.564	0	%100
31	M85	X	-.332	-.332	0	%100
32	M85	Z	.192	.192	0	%100
33	M91	X	-.35	-.35	0	%100
34	M91	Z	.202	.202	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-.653	-.653	0	%100
38	M53	Z	.377	.377	0	%100
39	M54	X	-.653	-.653	0	%100
40	M54	Z	.377	.377	0	%100
41	M55	X	-1.303	-1.303	0	%100
42	M55	Z	.753	.753	0	%100
43	M58A	X	-.181	-.181	0	%100
44	M58A	Z	.104	.104	0	%100
45	M59A	X	-.181	-.181	0	%100
46	M59A	Z	.104	.104	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-.332	-.332	0	%100
50	M64	Z	.192	.192	0	%100
51	M66	X	-.35	-.35	0	%100
52	M66	Z	.202	.202	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-.332	-.332	0	%100
56	M69	Z	.192	.192	0	%100
57	M71	X	-.35	-.35	0	%100
58	M71	Z	.202	.202	0	%100
59	M76A	X	-.579	-.579	0	%100
60	M76A	Z	.334	.334	0	%100
61	M77A	X	-.163	-.163	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,%]
62	M77A	Z	.094	.094	0	%100
63	M78	X	-.163	-.163	0	%100
64	M78	Z	.094	.094	0	%100
65	M79A	X	-.326	-.326	0	%100
66	M79A	Z	.188	.188	0	%100
67	M82	X	-.181	-.181	0	%100
68	M82	Z	.104	.104	0	%100
69	M83A	X	-.724	-.724	0	%100
70	M83A	Z	.418	.418	0	%100
71	M87	X	-.978	-.978	0	%100
72	M87	Z	.564	.564	0	%100
73	M88A	X	-.332	-.332	0	%100
74	M88A	Z	.192	.192	0	%100
75	M90	X	-.35	-.35	0	%100
76	M90	Z	.202	.202	0	%100
77	M92A	X	-.978	-.978	0	%100
78	M92A	Z	.564	.564	0	%100
79	M93	X	-1.328	-1.328	0	%100
80	M93	Z	.766	.766	0	%100
81	M95	X	-1.398	-1.398	0	%100
82	M95	Z	.807	.807	0	%100
83	M82A	X	-.76	-.76	0	%100
84	M82A	Z	.439	.439	0	%100
85	M91B	X	-.19	-.19	0	%100
86	M91B	Z	.11	.11	0	%100
87	MP3C	X	-.516	-.516	0	%100
88	MP3C	Z	.298	.298	0	%100
89	MP4C	X	-.516	-.516	0	%100
90	MP4C	Z	.298	.298	0	%100
91	MP2C	X	-.516	-.516	0	%100
92	MP2C	Z	.298	.298	0	%100
93	MP1C	X	-.516	-.516	0	%100
94	MP1C	Z	.298	.298	0	%100
95	MP3B	X	-.516	-.516	0	%100
96	MP3B	Z	.298	.298	0	%100
97	MP4B	X	-.516	-.516	0	%100
98	MP4B	Z	.298	.298	0	%100
99	MP2B	X	-.516	-.516	0	%100
100	MP2B	Z	.298	.298	0	%100
101	MP1B	X	-.516	-.516	0	%100
102	MP1B	Z	.298	.298	0	%100
103	M100	X	-.129	-.129	0	%100
104	M100	Z	.074	.074	0	%100
105	M107	X	-.516	-.516	0	%100
106	M107	Z	.298	.298	0	%100
107	M114	X	-.129	-.129	0	%100
108	M114	Z	.074	.074	0	%100
109	M121	X	-.619	-.619	0	%100
110	M121	Z	.358	.358	0	%100
111	M122	X	-.155	-.155	0	%100
112	M122	Z	.089	.089	0	%100
113	M123	X	-.155	-.155	0	%100
114	M123	Z	.089	.089	0	%100
115	OVP	X	-.47	-.47	0	%100
116	OVP	Z	.271	.271	0	%100
117	M126	X	-.794	-.794	0	%100
118	M126	Z	.458	.458	0	%100
119	M127	X	-.589	-.589	0	%100
120	M127	Z	.34	.34	0	%100
121	M128	X	-.794	-.794	0	%100
122	M128	Z	.458	.458	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.892	-.892	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-.596	-.596	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.596	-.596	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.596	-.596	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.596	-.596	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-.627	-.627	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.627	-.627	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.505	-1.505	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-1.15	-1.15	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-1.211	-1.211	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.505	-1.505	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-1.15	-1.15	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-1.211	-1.211	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.223	-.223	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-.566	-.566	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-.566	-.566	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-1.129	-1.129	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-.627	-.627	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-.376	-.376	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-1.15	-1.15	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-1.211	-1.211	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.376	-.376	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-.223	-.223	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-.566	-.566	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,%]
62	M77A	Z	0	0	0	%100
63	M78	X	-.566	-.566	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-1.129	-1.129	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-.627	-.627	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.376	-.376	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-.376	-.376	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-1.15	-1.15	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-1.211	-1.211	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	-.658	-.658	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-.658	-.658	0	%100
86	M91B	Z	0	0	0	%100
87	MP3C	X	-.596	-.596	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-.596	-.596	0	%100
90	MP4C	Z	0	0	0	%100
91	MP2C	X	-.596	-.596	0	%100
92	MP2C	Z	0	0	0	%100
93	MP1C	X	-.596	-.596	0	%100
94	MP1C	Z	0	0	0	%100
95	MP3B	X	-.596	-.596	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-.596	-.596	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-.596	-.596	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-.596	-.596	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M107	X	-.447	-.447	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	-.447	-.447	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-.536	-.536	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-.536	-.536	0	%100
114	M123	Z	0	0	0	%100
115	OVP	X	-.543	-.543	0	%100
116	OVP	Z	0	0	0	%100
117	M126	X	-.995	-.995	0	%100
118	M126	Z	0	0	0	%100
119	M127	X	-.759	-.759	0	%100
120	M127	Z	0	0	0	%100
121	M128	X	-.759	-.759	0	%100
122	M128	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.19	-.19	0	%100
2	M1	Z	-.11	-.11	0	%100
3	M4	X	-.579	-.579	0	%100
4	M4	Z	-.334	-.334	0	%100
5	M10	X	-.163	-.163	0	%100
6	M10	Z	-.094	-.094	0	%100
7	MP3A	X	-.516	-.516	0	%100
8	MP3A	Z	-.298	-.298	0	%100
9	MP4A	X	-.516	-.516	0	%100
10	MP4A	Z	-.298	-.298	0	%100
11	MP2A	X	-.516	-.516	0	%100
12	MP2A	Z	-.298	-.298	0	%100
13	MP1A	X	-.516	-.516	0	%100
14	MP1A	Z	-.298	-.298	0	%100
15	M43	X	-.163	-.163	0	%100
16	M43	Z	-.094	-.094	0	%100
17	M46	X	-.326	-.326	0	%100
18	M46	Z	-.188	-.188	0	%100
19	M51B	X	-.181	-.181	0	%100
20	M51B	Z	-.104	-.104	0	%100
21	M52B	X	-.724	-.724	0	%100
22	M52B	Z	-.418	-.418	0	%100
23	M76	X	-.978	-.978	0	%100
24	M76	Z	-.564	-.564	0	%100
25	M77	X	-.332	-.332	0	%100
26	M77	Z	-.192	-.192	0	%100
27	M80	X	-.35	-.35	0	%100
28	M80	Z	-.202	-.202	0	%100
29	M84	X	-.978	-.978	0	%100
30	M84	Z	-.564	-.564	0	%100
31	M85	X	-1.328	-1.328	0	%100
32	M85	Z	-.766	-.766	0	%100
33	M91	X	-1.398	-1.398	0	%100
34	M91	Z	-.807	-.807	0	%100
35	M52A	X	-.579	-.579	0	%100
36	M52A	Z	-.334	-.334	0	%100
37	M53	X	-.163	-.163	0	%100
38	M53	Z	-.094	-.094	0	%100
39	M54	X	-.163	-.163	0	%100
40	M54	Z	-.094	-.094	0	%100
41	M55	X	-.326	-.326	0	%100
42	M55	Z	-.188	-.188	0	%100
43	M58A	X	-.724	-.724	0	%100
44	M58A	Z	-.418	-.418	0	%100
45	M59A	X	-.181	-.181	0	%100
46	M59A	Z	-.104	-.104	0	%100
47	M63	X	-.978	-.978	0	%100
48	M63	Z	-.564	-.564	0	%100
49	M64	X	-1.328	-1.328	0	%100
50	M64	Z	-.766	-.766	0	%100
51	M66	X	-1.398	-1.398	0	%100
52	M66	Z	-.807	-.807	0	%100
53	M68	X	-.978	-.978	0	%100
54	M68	Z	-.564	-.564	0	%100
55	M69	X	-.332	-.332	0	%100
56	M69	Z	-.192	-.192	0	%100
57	M71	X	-.35	-.35	0	%100
58	M71	Z	-.202	-.202	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-.653	-.653	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,%]
62	M77A	Z	-.377	-.377	0	%100
63	M78	X	-.653	-.653	0	%100
64	M78	Z	-.377	-.377	0	%100
65	M79A	X	-1.303	-1.303	0	%100
66	M79A	Z	-.753	-.753	0	%100
67	M82	X	-.181	-.181	0	%100
68	M82	Z	-.104	-.104	0	%100
69	M83A	X	-.181	-.181	0	%100
70	M83A	Z	-.104	-.104	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-.332	-.332	0	%100
74	M88A	Z	-.192	-.192	0	%100
75	M90	X	-.35	-.35	0	%100
76	M90	Z	-.202	-.202	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-.332	-.332	0	%100
80	M93	Z	-.192	-.192	0	%100
81	M95	X	-.35	-.35	0	%100
82	M95	Z	-.202	-.202	0	%100
83	M82A	X	-.19	-.19	0	%100
84	M82A	Z	-.11	-.11	0	%100
85	M91B	X	-.76	-.76	0	%100
86	M91B	Z	-.439	-.439	0	%100
87	MP3C	X	-.516	-.516	0	%100
88	MP3C	Z	-.298	-.298	0	%100
89	MP4C	X	-.516	-.516	0	%100
90	MP4C	Z	-.298	-.298	0	%100
91	MP2C	X	-.516	-.516	0	%100
92	MP2C	Z	-.298	-.298	0	%100
93	MP1C	X	-.516	-.516	0	%100
94	MP1C	Z	-.298	-.298	0	%100
95	MP3B	X	-.516	-.516	0	%100
96	MP3B	Z	-.298	-.298	0	%100
97	MP4B	X	-.516	-.516	0	%100
98	MP4B	Z	-.298	-.298	0	%100
99	MP2B	X	-.516	-.516	0	%100
100	MP2B	Z	-.298	-.298	0	%100
101	MP1B	X	-.516	-.516	0	%100
102	MP1B	Z	-.298	-.298	0	%100
103	M100	X	-.129	-.129	0	%100
104	M100	Z	-.074	-.074	0	%100
105	M107	X	-.129	-.129	0	%100
106	M107	Z	-.074	-.074	0	%100
107	M114	X	-.516	-.516	0	%100
108	M114	Z	-.298	-.298	0	%100
109	M121	X	-.155	-.155	0	%100
110	M121	Z	-.089	-.089	0	%100
111	M122	X	-.155	-.155	0	%100
112	M122	Z	-.089	-.089	0	%100
113	M123	X	-.619	-.619	0	%100
114	M123	Z	-.358	-.358	0	%100
115	OVP	X	-.47	-.47	0	%100
116	OVP	Z	-.271	-.271	0	%100
117	M126	X	-.794	-.794	0	%100
118	M126	Z	-.458	-.458	0	%100
119	M127	X	-.794	-.794	0	%100
120	M127	Z	-.458	-.458	0	%100
121	M128	X	-.589	-.589	0	%100
122	M128	Z	-.34	-.34	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.329	-.329	0	%100
2	M1	Z	-.57	-.57	0	%100
3	M4	X	-.111	-.111	0	%100
4	M4	Z	-.193	-.193	0	%100
5	M10	X	-.283	-.283	0	%100
6	M10	Z	-.49	-.49	0	%100
7	MP3A	X	-.298	-.298	0	%100
8	MP3A	Z	-.516	-.516	0	%100
9	MP4A	X	-.298	-.298	0	%100
10	MP4A	Z	-.516	-.516	0	%100
11	MP2A	X	-.298	-.298	0	%100
12	MP2A	Z	-.516	-.516	0	%100
13	MP1A	X	-.298	-.298	0	%100
14	MP1A	Z	-.516	-.516	0	%100
15	M43	X	-.283	-.283	0	%100
16	M43	Z	-.49	-.49	0	%100
17	M46	X	-.564	-.564	0	%100
18	M46	Z	-.978	-.978	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.313	-.313	0	%100
22	M52B	Z	-.543	-.543	0	%100
23	M76	X	-.188	-.188	0	%100
24	M76	Z	-.326	-.326	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.188	-.188	0	%100
30	M84	Z	-.326	-.326	0	%100
31	M85	X	-.575	-.575	0	%100
32	M85	Z	-.996	-.996	0	%100
33	M91	X	-.605	-.605	0	%100
34	M91	Z	-1.049	-1.049	0	%100
35	M52A	X	-.446	-.446	0	%100
36	M52A	Z	-.772	-.772	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-.313	-.313	0	%100
44	M58A	Z	-.543	-.543	0	%100
45	M59A	X	-.313	-.313	0	%100
46	M59A	Z	-.543	-.543	0	%100
47	M63	X	-.753	-.753	0	%100
48	M63	Z	-1.303	-1.303	0	%100
49	M64	X	-.575	-.575	0	%100
50	M64	Z	-.996	-.996	0	%100
51	M66	X	-.605	-.605	0	%100
52	M66	Z	-1.049	-1.049	0	%100
53	M68	X	-.753	-.753	0	%100
54	M68	Z	-1.303	-1.303	0	%100
55	M69	X	-.575	-.575	0	%100
56	M69	Z	-.996	-.996	0	%100
57	M71	X	-.605	-.605	0	%100
58	M71	Z	-1.049	-1.049	0	%100
59	M76A	X	-.111	-.111	0	%100
60	M76A	Z	-.193	-.193	0	%100
61	M77A	X	-.283	-.283	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,%]
62	M77A	Z	-.49	-.49	0	%100
63	M78	X	-.283	-.283	0	%100
64	M78	Z	-.49	-.49	0	%100
65	M79A	X	-.564	-.564	0	%100
66	M79A	Z	-.978	-.978	0	%100
67	M82	X	-.313	-.313	0	%100
68	M82	Z	-.543	-.543	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.188	-.188	0	%100
72	M87	Z	-.326	-.326	0	%100
73	M88A	X	-.575	-.575	0	%100
74	M88A	Z	-.996	-.996	0	%100
75	M90	X	-.605	-.605	0	%100
76	M90	Z	-1.049	-1.049	0	%100
77	M92A	X	-.188	-.188	0	%100
78	M92A	Z	-.326	-.326	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-.329	-.329	0	%100
86	M91B	Z	-.57	-.57	0	%100
87	MP3C	X	-.298	-.298	0	%100
88	MP3C	Z	-.516	-.516	0	%100
89	MP4C	X	-.298	-.298	0	%100
90	MP4C	Z	-.516	-.516	0	%100
91	MP2C	X	-.298	-.298	0	%100
92	MP2C	Z	-.516	-.516	0	%100
93	MP1C	X	-.298	-.298	0	%100
94	MP1C	Z	-.516	-.516	0	%100
95	MP3B	X	-.298	-.298	0	%100
96	MP3B	Z	-.516	-.516	0	%100
97	MP4B	X	-.298	-.298	0	%100
98	MP4B	Z	-.516	-.516	0	%100
99	MP2B	X	-.298	-.298	0	%100
100	MP2B	Z	-.516	-.516	0	%100
101	MP1B	X	-.298	-.298	0	%100
102	MP1B	Z	-.516	-.516	0	%100
103	M100	X	-.223	-.223	0	%100
104	M100	Z	-.387	-.387	0	%100
105	M107	X	0	0	0	%100
106	M107	Z	0	0	0	%100
107	M114	X	-.223	-.223	0	%100
108	M114	Z	-.387	-.387	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-.268	-.268	0	%100
112	M122	Z	-.465	-.465	0	%100
113	M123	X	-.268	-.268	0	%100
114	M123	Z	-.465	-.465	0	%100
115	OVP	X	-.271	-.271	0	%100
116	OVP	Z	-.47	-.47	0	%100
117	M126	X	-.379	-.379	0	%100
118	M126	Z	-.657	-.657	0	%100
119	M127	X	-.498	-.498	0	%100
120	M127	Z	-.862	-.862	0	%100
121	M128	X	-.379	-.379	0	%100
122	M128	Z	-.657	-.657	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	M82	Y	-1.884	-4.426	0	.832
2	M82	Y	-4.426	-7.044	.832	1.665
3	M82	Y	-7.044	-8.26	1.665	2.497
4	M82	Y	-8.26	-6.573	2.497	3.329
5	M82	Y	-6.573	-3.462	3.329	4.162
6	M83A	Y	-3.463	-6.545	0	.832
7	M83A	Y	-6.545	-8.189	.832	1.665
8	M83A	Y	-8.189	-6.902	1.665	2.497
9	M83A	Y	-6.902	-4.228	2.497	3.329
10	M83A	Y	-4.228	-1.661	3.329	4.162
11	M51B	Y	-1.661	-4.228	0	.832
12	M51B	Y	-4.228	-6.902	.832	1.665
13	M51B	Y	-6.902	-8.189	1.665	2.497
14	M51B	Y	-8.189	-6.545	2.497	3.329
15	M51B	Y	-6.545	-3.463	3.329	4.162
16	M52B	Y	-3.462	-6.573	0	.832
17	M52B	Y	-6.573	-8.26	.832	1.665
18	M52B	Y	-8.26	-7.044	1.665	2.497
19	M52B	Y	-7.044	-4.426	2.497	3.329
20	M52B	Y	-4.426	-1.884	3.329	4.162
21	M58A	Y	-1.661	-4.228	0	.832
22	M58A	Y	-4.228	-6.902	.832	1.665
23	M58A	Y	-6.902	-8.189	1.665	2.497
24	M58A	Y	-8.189	-6.545	2.497	3.329
25	M58A	Y	-6.545	-3.463	3.329	4.162
26	M59A	Y	-3.462	-6.573	0	.832
27	M59A	Y	-6.573	-8.26	.832	1.665
28	M59A	Y	-8.26	-7.044	1.665	2.497
29	M59A	Y	-7.044	-4.426	2.497	3.329
30	M59A	Y	-4.426	-1.884	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M82	Y	-4.536	-10.655	0	.832
2	M82	Y	-10.655	-16.958	.832	1.665
3	M82	Y	-16.958	-19.885	1.665	2.497
4	M82	Y	-19.885	-15.824	2.497	3.329
5	M82	Y	-15.824	-8.333	3.329	4.162
6	M83A	Y	-8.337	-15.755	0	.832
7	M83A	Y	-15.755	-19.712	.832	1.665
8	M83A	Y	-19.712	-16.615	1.665	2.497
9	M83A	Y	-16.615	-10.179	2.497	3.329
10	M83A	Y	-10.179	-3.999	3.329	4.162
11	M51B	Y	-3.999	-10.179	0	.832
12	M51B	Y	-10.179	-16.615	.832	1.665
13	M51B	Y	-16.615	-19.712	1.665	2.497
14	M51B	Y	-19.712	-15.755	2.497	3.329
15	M51B	Y	-15.755	-8.337	3.329	4.162
16	M52B	Y	-8.333	-15.824	0	.832
17	M52B	Y	-15.824	-19.885	.832	1.665
18	M52B	Y	-19.885	-16.958	1.665	2.497
19	M52B	Y	-16.958	-10.655	2.497	3.329
20	M52B	Y	-10.655	-4.536	3.329	4.162
21	M58A	Y	-3.999	-10.179	0	.832
22	M58A	Y	-10.179	-16.615	.832	1.665
23	M58A	Y	-16.615	-19.712	1.665	2.497
24	M58A	Y	-19.712	-15.755	2.497	3.329
25	M58A	Y	-15.755	-8.337	3.329	4.162
26	M59A	Y	-8.333	-15.824	0	.832
27	M59A	Y	-15.824	-19.885	.832	1.665
28	M59A	Y	-19.885	-16.958	1.665	2.497

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,%]
29	M59A	Y	-16.958	-10.655	2.497	3.329
30	M59A	Y	-10.655	-4.536	3.329	4.162

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	N2	max	819.697	10	1191.717	7	6524.572	1	1.053	7	1.148	4	.213	10
2		min	-814.796	4	-629.637	1	-4747.954	7	-.446	1	-1.157	10	-.238	4
3	N3	max	5804.653	9	1177.954	3	2546.732	3	.324	8	.766	12	.533	9
4		min	-4316.948	3	-699.854	9	-3407.711	9	-.837	38	-.769	6	-.984	3
5	N4	max	4174.054	11	1145.576	11	2392.232	11	.367	6	1.024	8	.979	11
6		min	-5715.024	5	-678.691	5	-3279.544	5	-.584	12	-1.029	2	-.483	5
7	N187	max	34.292	10	3261.414	13	1736.653	7	0	51	0	4	0	10
8		min	-34.288	4	-1492.441	7	-3743.504	13	0	1	0	10	0	4
9	N189	max	1680.346	3	3320.925	9	1916.165	9	0	6	0	12	0	12
10		min	-3319.289	9	-1667.133	3	-970.263	3	0	12	0	6	0	6
11	N191	max	3273.423	5	3282.67	17	1890.601	5	0	8	0	8	0	8
12		min	-1586.076	11	-1573.587	11	-915.386	11	0	2	0	2	0	2
13	Totals:	max	5607.987	10	9106.276	16	5285.808	1						
14		min	-5607.98	4	3282.37	10	-5285.809	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M1	PIPE_3.0	.232	4.167	10	.140	4.167		7	28250.554	65205	5.749	5.749	3...	H1-1b
2	M4	HSS4X4X4	.203	3.458	1	.063	5.133	y	3	124657.7...	139518	16.181	16.181	1...	H1-1b
3	M10	HSS4X4X4	.139	2.375	14	.045	.223	z	1	136263.03	139518	16.181	16.181	1...	H1-1b
4	MP3A	PIPE_2.0	.819	6.75	10	.256	6.75		9	14916.096	32130	1.872	1.872	2...	H1-1b
5	MP4A	PIPE_2.0	.522	6.75	10	.220	3.25		7	14916.096	32130	1.872	1.872	2...	H1-1b
6	MP2A	PIPE_2.0	.828	6.75	4	.208	6.75		6	14916.096	32130	1.872	1.872	2...	H1-1b
7	MP1A	PIPE_2.0	.479	6.75	4	.197	3.25		8	14916.096	32130	1.872	1.872	2...	H1-1b
8	M43	HSS4X4X4	.145	0	24	.052	0	y	13	136263.03	139518	16.181	16.181	1...	H1-1b
9	M46	PL1/2x6	.240	.516	12	.179	.516	y	10	66009.234	97200	1.012	12.15	1...	H1-1b
10	M51B	L2x2x3	.147	4.162	12	.012	0	y	17	9823.122	23392.8	.558	1.077	1...	H2-1
11	M52B	L2x2x3	.145	4.162	12	.013	4.162	y	21	9823.122	23392.8	.558	1.088	1...	H2-1
12	M76	PL3/8x6	.296	0	4	.165	0	y	6	70647.064	72900	.57	9.113	1...	H1-1b
13	M77	PL3/8x6	.275	.167	7	.236	0	y	14	71583.569	72900	.57	9.113	1...	H1-1b
14	M80	PL1/2x6	.086	.112	7	.225	0	y	12	96757.507	97200	1.012	12.15	2...	H1-1b
15	M84	PL3/8x6	.300	0	10	.200	0	y	8	70647.064	72900	.57	9.113	1...	H1-1b
16	M85	PL3/8x6	.267	.167	7	.257	0	y	24	71583.569	72900	.57	9.113	1...	H1-1b
17	M91	PL1/2x6	.082	.112	7	.226	0	y	2	96757.507	97200	1.012	12.15	2...	H1-1b
18	M52A	HSS4X4X4	.214	3.458	9	.061	5.133	y	11	124657.7...	139518	16.181	16.181	1...	H1-1b
19	M53	HSS4X4X4	.139	2.375	22	.048	.223	z	9	136263.03	139518	16.181	16.181	1...	H1-1b
20	M54	HSS4X4X4	.142	0	20	.053	2.152	z	9	136263.03	139518	16.181	16.181	1...	H1-1b
21	M55	PL1/2x6	.252	.516	9	.163	.516	y	6	66009.234	97200	1.012	12.15	1...	H1-1b
22	M58A	L2x2x3	.157	4.162	9	.013	0	y	14	9823.122	23392.8	.558	1.078	1...	H2-1
23	M59A	L2x2x3	.151	0	9	.013	4.162	y	17	9823.122	23392.8	.558	1.078	1...	H2-1
24	M63	PL3/8x6	.283	0	12	.176	0	y	3	70647.064	72900	.57	9.113	1...	H1-1b
25	M64	PL3/8x6	.298	.167	3	.236	0	y	22	71583.569	72900	.57	9.113	1...	H1-1b
26	M66	PL1/2x6	.093	.112	3	.225	0	y	8	96757.507	97200	1.012	12.15	2...	H1-1b
27	M68	PL3/8x6	.291	0	6	.210	0	y	4	70647.064	72900	.57	9.113	1...	H1-1b
28	M69	PL3/8x6	.293	.167	3	.252	0	y	20	71583.569	72900	.57	9.113	1...	H1-1b
29	M71	PL1/2x6	.091	.112	3	.235	0	y	10	96757.507	97200	1.012	12.15	2...	H1-1b
30	M76A	HSS4X4X4	.211	3.458	5	.065	3.512	y	27	124657.7...	139518	16.181	16.181	1...	H1-1b
31	M77A	HSS4X4X4	.142	2.375	18	.047	.223	z	5	136263.03	139518	16.181	16.181	1...	H1-1b
32	M78	HSS4X4X4	.146	0	16	.053	0	y	17	136263.03	139518	16.181	16.181	1...	H1-1b
33	M79A	PL1/2x6	.252	.516	4	.171	.516	y	2	66009.234	97200	1.012	12.15	1.3	H1-1b
34	M82	L2x2x3	.157	4.162	4	.013	0	y	21	9823.122	23392.8	.558	1.077	1...	H2-1
35	M83A	L2x2x3	.151	4.162	4	.012	4.162	y	13	9823.122	23392.8	.558	1.09	1...	H2-1
36	M87	PL3/8x6	.301	0	8	.179	0	y	10	70647.064	72900	.57	9.113	1...	H1-1b

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
37	M88A	PL3/8x6	.285	.167	11	.243	0	y	18	71583.569	72900	.57	9.113	1....	H1-1b
38	M90	PL1/2x6	.089	.112	5	.235	0	y	4	96757.507	97200	1.012	12.15	1....	H1-1b
39	M92A	PL3/8x6	.300	0	2	.199	0	y	5	70647.064	72900	.57	9.113	1....	H1-1b
40	M93	PL3/8x6	.287	.167	11	.258	0	y	16	71583.569	72900	.57	9.113	1....	H1-1b
41	M95	PL1/2x6	.089	.112	11	.226	0	y	6	96757.507	97200	1.012	12.15	1....	H1-1b
42	M82A	PIPE_3.0	.218	4.167	6	.142	4.167		3	28250.554	65205	5.749	5.749	3....	H1-1b
43	M91B	PIPE_3.0	.223	4.167	2	.143	4.167		11	28250.554	65205	5.749	5.749	3....	H1-1b
44	MP3C	PIPE_2.0	.772	6.75	6	.245	6.75		5	14916.096	32130	1.872	1.872	1....	H1-1b
45	MP4C	PIPE_2.0	.495	6.75	5	.226	3.25		3	14916.096	32130	1.872	1.872	2....	H1-1b
46	MP2C	PIPE_2.0	.775	6.75	12	.210	6.75		2	14916.096	32130	1.872	1.872	2....	H1-1b
47	MP1C	PIPE_2.0	.450	6.75	12	.196	3.25		4	14916.096	32130	1.872	1.872	2....	H1-1b
48	MP3B	PIPE_2.0	.784	6.75	2	.238	6.75		1	14916.096	32130	1.872	1.872	2....	H1-1b
49	MP4B	PIPE_2.0	.496	6.75	2	.223	3.25		10	14916.096	32130	1.872	1.872	2....	H1-1b
50	MP2B	PIPE_2.0	.789	6.75	8	.216	6.75		10	14916.096	32130	1.872	1.872	1....	H1-1b
51	MP1B	PIPE_2.0	.456	6.75	8	.195	3.25		12	14916.096	32130	1.872	1.872	1....	H1-1b
52	M100	PIPE_2.0	.581	8.073	7	.305	11.328		7	6295.422	32130	1.872	1.872	1....	H3-6
53	M107	PIPE_2.0	.590	8.073	3	.311	11.328		3	6295.422	32130	1.872	1.872	1....	H3-6
54	M114	PIPE_2.0	.584	8.073	11	.303	11.328		11	6295.422	32130	1.872	1.872	2....	H3-6
55	M121	L2.5x2.5x4	.720	1.311	7	.101	0	z	12	36452.129	38556	1.114	2.537	2....	H2-1
56	M122	L2.5x2.5x4	.755	1.311	11	.115	.096	z	10	36452.129	38556	1.114	2.537	2....	H2-1
57	M123	L2.5x2.5x4	.777	1.311	3	.110	.014	z	8	36452.129	38556	1.114	2.537	2....	H2-1
58	OVP	PIPE_2.0	.105	3	1	.033	3		11	26521.424	32130	1.872	1.872	1	H1-1b
59	M126	LL2.5x2.5x3x0	.112	4.61	13	.005	0	z	4	44475.979	58320	3.3	2.543	1	H1-1b*
60	M127	LL2.5x2.5x3x0	.114	0	9	.004	4.61	z	12	44475.979	58320	3.3	2.543	1	H1-1b*
61	M128	LL2.5x2.5x3x0	.113	0	5	.005	4.61	z	8	44475.979	58320	3.3	2.543	1	H1-1b*

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

- Contractor shall install the proposed OVP on a new 36" long P2.0 STD pipe, connected to the proposed support rail with new crossover plates (Site Pro 1 Part #: SCXCQ-4, or EOR approved equivalent).
- Contractor shall install the proposed support rail 42" above the face horizonal.
- Contractor shall connect the proposed kickers 30" below the standoff horizontal/ mount connection.
- If installation of included kits within the Site Pro 1 RMQP-496 HK cannot be installed as detailed above, contractor shall contact Maser Consulting immediately.
- Contractor to inspect climbing facilities at site and ensure that the safety climb wire rope does not or will not interfere with the existing or proposed mount connections. Contractor shall install safety climb wire rope guides around mount connections as needed.

Response:

Schedule A – Photo & Document File Structure

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

Structure: 468317-VZW - Burham St

Sector: **A**

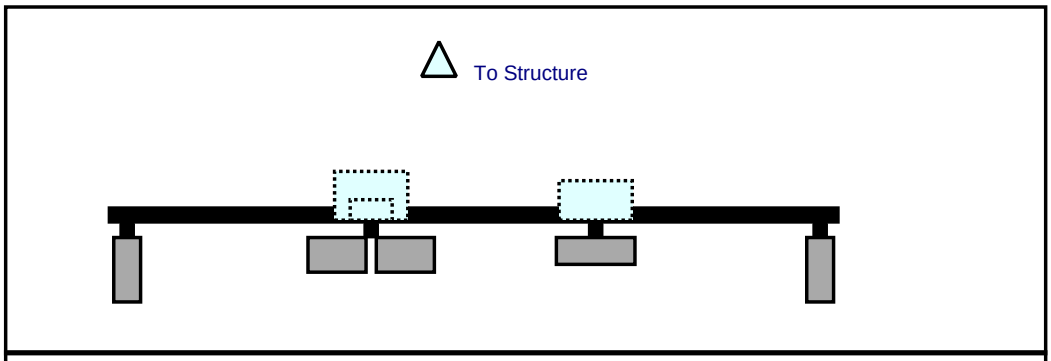
Structure Type: Monopole

Mount Elev: 104.00

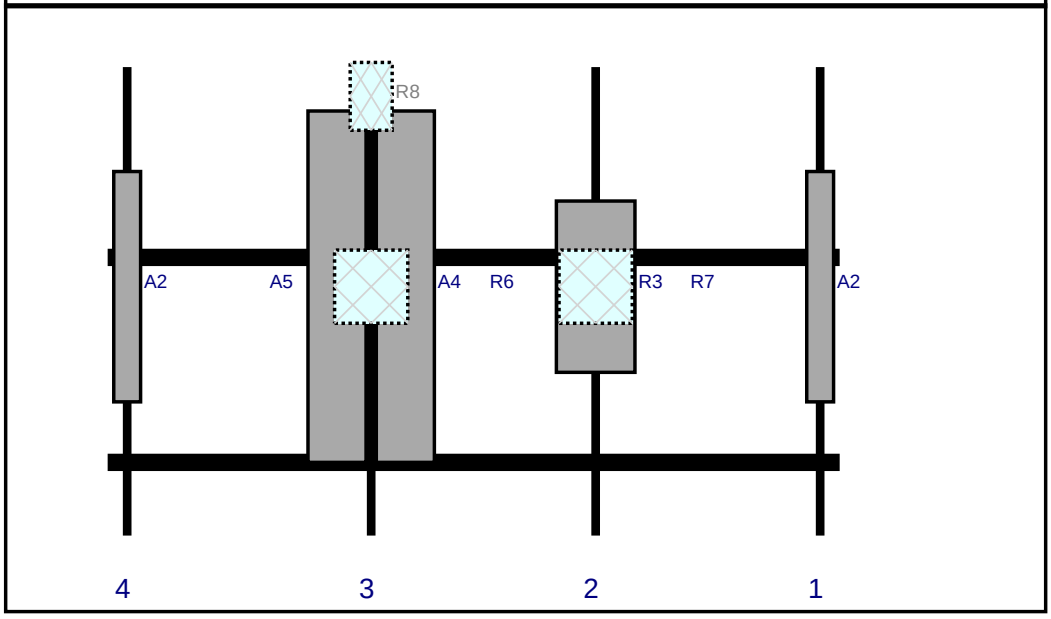
4/28/2021

Page: 1

Plan View

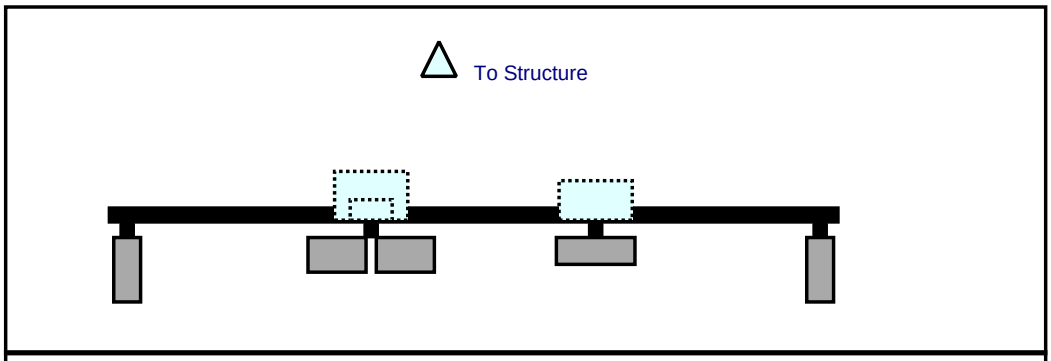


Front View
Looking at Structure

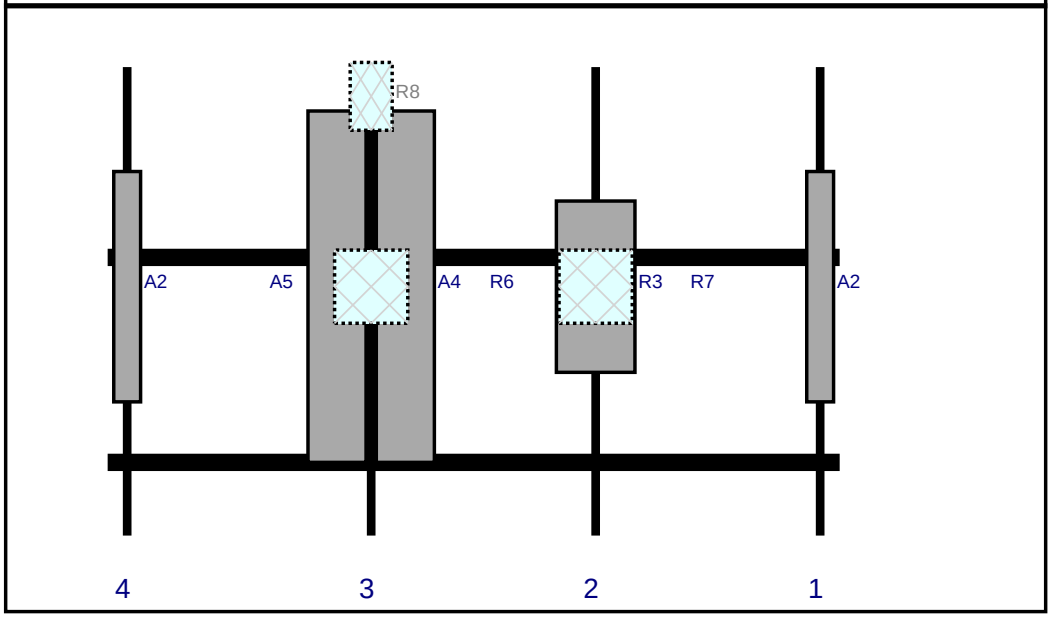


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	LPA-80080/4CF	47.2	5.5	146	1	a	Front	45	0	Retained	02/18/2021
R3	MT6407-77A	35.1	16.1	100	2	a	Front	45	0	Added	
R7	B5/B13 RRH-BR04C	15	15	100	2	a	Behind	45	0	Added	
A4	NHH-65B-R2B	72	11.9	54	3	a	Front	45	7	Added	
A5	NHHSS-65B-R2BT2	72	11.9	54	3	a	Front	45	-7	Added	
R6	B2/B66A RRH-BR049	15	15	54	3	a	Behind	45	0	Added	
R8	CBRS RRH - RT4401-48A	13.9	8.6	54	3	a	Behind	6	0	Added	
A2	LPA-80080/4CF	47.2	5.5	4	4	a	Front	45	0	Retained	02/18/2021

Plan View



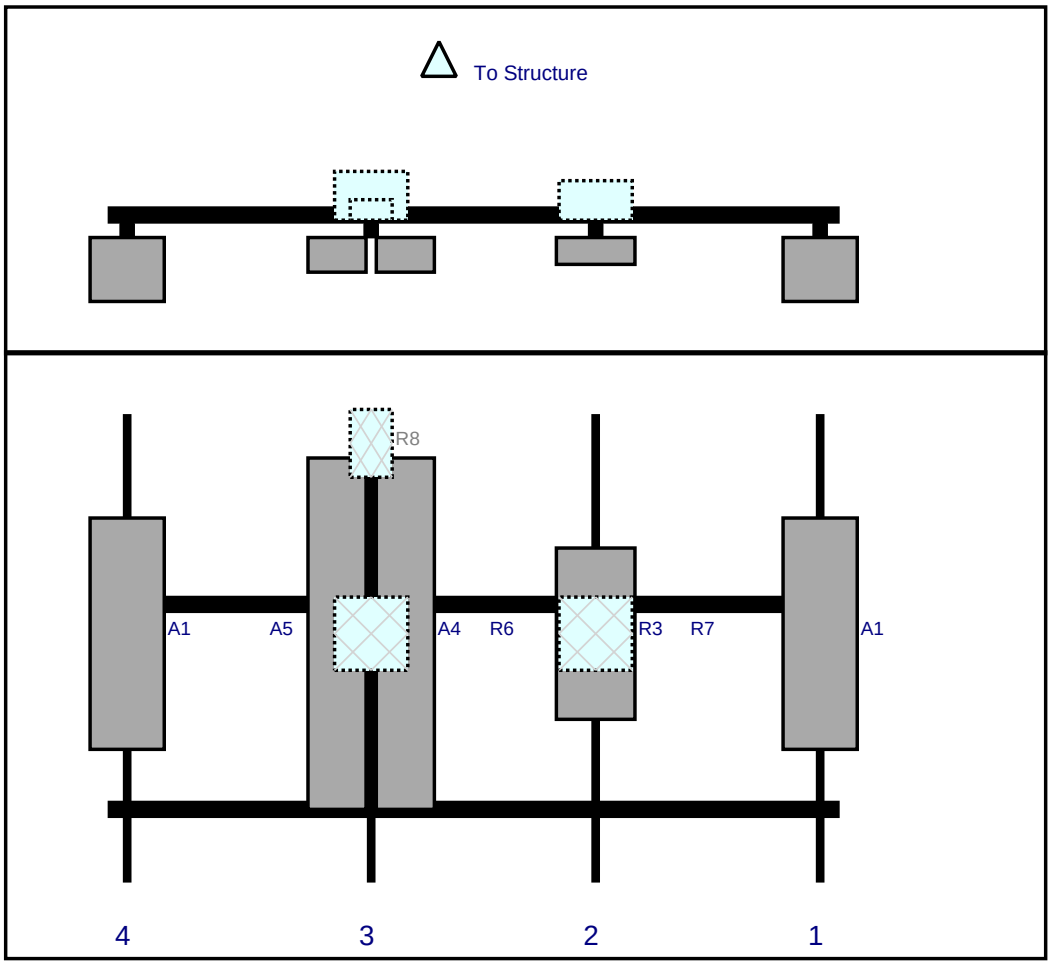
Front View
Looking at Structure



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
A2	LPA-80080/4CF	47.2	5.5	146	1	a	Front	45	0	Retained	02/18/2021
R3	MT6407-77A	35.1	16.1	100	2	a	Front	45	0	Added	
R7	B5/B13 RRH-BR04C	15	15	100	2	a	Behind	45	0	Added	
A4	NHH-65B-R2B	72	11.9	54	3	a	Front	45	7	Added	
A5	NHHSS-65B-R2BT2	72	11.9	54	3	a	Front	45	-7	Added	
R6	B2/B66A RRH-BR049	15	15	54	3	a	Behind	45	0	Added	
R8	CBRS RRH - RT4401-48A	13.9	8.6	54	3	a	Behind	6	0	Added	
A2	LPA-80080/4CF	47.2	5.5	4	4	a	Front	45	0	Retained	02/18/2021

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
A1	LPA-80063-4CF-EDIN-4	47.4	15.2	146	1	a	Front	45	0	Retained	02/18/2021
R3	MT6407-77A	35.1	16.1	100	2	a	Front	45	0	Added	
R7	B5/B13 RRH-BR04C	15	15	100	2	a	Behind	45	0	Added	
A4	NHH-65B-R2B	72	11.9	54	3	a	Front	45	7	Added	
A5	NHHSS-65B-R2BT2	72	11.9	54	3	a	Front	45	-7	Added	
R6	B2/B66A RRH-BR049	15	15	54	3	a	Behind	45	0	Added	
R8	CBRS RRH - RT4401-48A	13.9	8.6	54	3	a	Behind	6	0	Added	
A1	LPA-80063-4CF-EDIN-4	47.4	15.2	4	4	a	Front	45	0	Retained	02/18/2021

Maser Consulting Connecticut

Subject	TIA-222-H Usage	
Site Information	*Site ID:*	*468317-VZW / Burham St*
	Site Name:	*Burham St*
	Carrier Name:	*Verizon Wireless*
	Address:	*190 Burnham Street* *South Windsor, Connecticut 06074* *Hartford County*
	Latitude:	*41.800099°*
	Longitude:	*-72.615643°*
Structure Information	*Tower Type:*	*106-Ft Monopole*
	Mount Type:	*13.00-Ft Platform*

FUZE ID # 16231955

To Whom It May Concern,

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

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

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

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

Sincerely,

Petros Tsoukalas, PE
Geographic Discipline Leader

Exhibit F

Power Density/RF Emissions Report

Site Name: ***BURNHAM ST 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	679	2716	108	0.0084	0.5007	1.67%
VZW CDMA	869	2	401	802	108	0.0025	0.5793	0.43%
VZW Cellular	869	4	689	2756	108	0.0085	0.5793	1.47%
VZW PCS	1980	4	1486	5944	108	0.0183	1.0000	1.83%
VZW AWS	2125	4	1652	6608	108	0.0204	1.0000	2.04%
VZW CBAND	3730	4	6531	26124	108	0.0805	1.0000	8.05%
VZW CBRS	3625	4	12	48	108	0.0001	1.0000	0.01%
Total Percentage of Maximum Permissible Exposure								15.51%

*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.

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