STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

September 8, 2021

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

RE: **EM-VER-038-210720** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 143R Old Blue Hills Road, Durham, Connecticut.

Dear Ms. Sabo:

The Connecticut Siting Council (Council) received a notice of intent to modify the above-referenced facility on July 20, 2021. On August 19, 2021, the Council issued a letter (enclosed) stating that the request for exempt modification was incomplete because Northeast Site Solutions did not provide adequate proof of notice to the underlying property owner and Chief Elected Official of the municipality.

On August 27, 2021, the Council received an electronic mail with a revised filing that includes a Post Office receipt showing mailing of the notice to the Chief Elected Official, Town Planner and tower owner; However, no proof of notice is provided that shows mailing to the underlying property owner.

Therefore, the exempt modification request remains incomplete at this time. The Council recommends that Northeast Site Solutions provide proper proof of notice of the exempt modification request to the underlying property owner, on or before October 1, 2021. If additional time is needed to gather the requested information, please submit a written request for an extension of time prior to October 1, 2021. **Please provide an electronic version and one hard copy of the requested information for the incomplete exempt modification to be rendered complete and processed. Please include the Council's exempt modification identification number referenced above with the submittal.**

This notice of incompletion shall have the effect of tolling the Federal Communications Commission (FCC) 60-day timeframe in accordance with Paragraph 217 of the FCC Wireless Infrastructure Report and Order issued on October 21, 2014 (FCC 14-153).

Thank you for your attention to this matter. Should you have any questions, please feel free to contact me at 860-827-2951.

Sincerely,

Melanie Bachman
Executive Director

MAB/CW/emr

Enclosure: Incomplete Letter dated August 19, 2021.

From: Deborah Chase <deborah@northeastsitesolutions.com>
Sent: Friday, August 27, 2021 2:14 PM
To: Robidoux, Evan <Evan.Robidoux@ct.gov>; CSC-DL Siting Council <Siting.Council@ct.gov>; Bachman, Melanie <Melanie.Bachman@ct.gov>; Mathews, Lisa A <Lisa.A.Mathews@ct.gov>; Fontaine, Lisa <Lisa.Fontaine@ct.gov>
Cc: victoria@northeastsitesolutions.com <victoria@northeastsitesolutions.com>; Denise <denise@northeastsitesolutions.com>
Subject: Council Incomplete Letter for EM-VER-038-210720 (143R Old Blue Hills Road, Durham)

Hi Evan
Please see attached amended filing which includes all the recipients getting hard copies as listed in Exhibit G.
I have also attached the scan from the post office.
Let me know if you require anything else for this to be considered complete.
Thank you very much

Deborah Chase
Senior Project Coordinator & Analyst
Mobile: 860-490-8839

Save a tree. Refuse.Reduce. Reuse. Recycle.

8063647

UNITED STATES POSTAL SERVICE.

FISKDALE
458 MAIN ST
FISKDALE, MA 01518-9998
(800)275-8777

08/27/2021 01:58 PM

Product	Qty	Unit Price	Price
Prepaid Mail Westborough, MA 01581 Weight: 0 lb 2.50 oz Acceptance Date: Fri 08/27/2021 Tracking #: 9405 5036 9930 0486 8724 42	1		$0.00
Prepaid Mail Durham, CT 06422 Weight: 3 lb 1.50 oz Acceptance Date: Fri 08/27/2021 Tracking #: 9405 5036 9930 0486 7917 98	1		$0.00
Prepaid Mail Durham, CT 06422 Weight: 3 lb 1.70 oz Acceptance Date: Fri 08/27/2021 Tracking #: 9405 5036 9930 0486 7918 04	1		$0.00
Grand Total:			$0.00

****
USPS is experiencing unprecedented volume
increases and limited employee
availability due to the impacts of

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VIA ELECTRONIC MAIL

August 19, 2021

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

RE: **EM-VER-038-210720** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 143R Old Blue Hills Road, Durham, Connecticut.

Dear Ms. Sabo:

The Connecticut Siting Council (Council) received a notice of intent to modify the above-referenced facility on July 20, 2021.

According to Section 16-50j-71 of the Regulations of Connecticut State Agencies, "…any modification, as defined in Section 16-50j-2a of the Regulations of Connecticut State Agencies, to an existing tower site, except as specified in Sections 16-50j-72 and 16-50j-88 of the Regulations of Connecticut State Agencies, may have a substantial adverse environmental effect."

Staff has reviewed this exempt modification request for completeness and has identified a deficiency in the request due to lack of notice. Northeast Site Solutions provided Click-N-Ship labels from the United States Postal Service to the property owner and stated that notice was provided to the Chief Elected Official via email only; however, the Council issued memoranda on June 22, 2017 and July 12, 2021 to entities requesting exempt modifications requiring a copy of the entire notice and attachments be physically mailed to the chief elected official of the host municipality and the underlying property owner and proof of such mailing shall be submitted to the Council with the request for exempt modification. See attached.

The above referenced request for exempt modification lacks proof that the entire request for exempt modification was physically mailed to the Chief Elected Official and underlying property owner.

Therefore, the exempt modification request is incomplete at this time. The Council recommends that Northeast Site Solutions provide proof of proper notice of this exempt modification request to the Chief Elected Official and underlying property owner on or before September 20, 2021. If additional time is needed to gather the requested information, please submit a written request for an extension of time prior to September 20, 2021. **Please provide an electronic version and one hard copy of the requested information for the incomplete exempt modification to be rendered complete and processed. Please include the Council's exempt modification identification number referenced above with the submittal.**

This notice of incompletion shall have the effect of tolling the Federal Communications Commission (FCC) 60-day timeframe in accordance with Paragraph 217 of the FCC Wireless Infrastructure Report and Order issued on October 21, 2014 (FCC 14-153).

Thank you for your attention to this matter. Should you have any questions, please feel free to contact me at 860-827-2951.

Sincerely,

Melanie Bachman
Executive Director

MAB/CMW/emr

Enclosures (2): June 22, 2017 & July 12, 2021 Memo to Carriers on proof of notice.

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www.ct.gov/csc

VIA ELECTRONIC MAIL

MEMORANDUM

To: Telecommunications Carriers and their Representatives

From: Melanie Bachman, Executive Director MAB

Re: Exempt Modification/Tower Share Filing Notification

Date: June 22, 2017

Pursuant to Regulations of Connecticut State Agencies § 16-50j-73 and §16-50j-88, the April 2013 *Filing Guide for Modification of Existing Telecommunications Facilities*, and the August 2013 *Tower Share Filing Guide*, notice in writing shall be provided to "the Council, the property owner of record… and the chief elected official" of the intent to modify or share an existing telecommunications facility" (see Attachments).

Effective immediately, **a copy of the notice and the attachments**, including, but not limited to, engineering drawings, structural analysis (the structural analysis report without tower data and calculation appendices is sufficient) and power density calculation of the request for an exempt modification or tower share shall be physically mailed to the chief elected official of the host municipality and underlying property owner where the existing telecommunications facility is located and proof of mailing shall be submitted to the Council with the request. Proof of mailing requires an acknowledgment from the carrier (United States Postal Service or private carrier such as UPS/FedEx) that a parcel was delivered to the recipient. **E-mail service is unacceptable.**

Thank you in advance for your cooperation.

Attachments: Altrio Investment Group, LLC correspondence, dated June 16, 2017
City of Danbury email correspondence, dated June 8, 2017

MAB/FOC/laf

Recipient List:

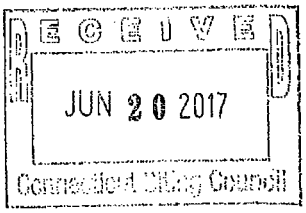
Christopher B. Fisher, Esq., AT&T
Ray Perry, Airosmith Development, Inc.
Arthur Perkowski, Airosmith Development, Inc.
Alex Murshteyn, Centerline Communications
Michael Gentile, Centerline Communications
David Ford, Centerline Communications
Adam Wolfey, Centerline Communications
Steve Levine, Centek Engineering, Inc.
Jeff Barbadora, Crown Castle
Amanda Cornwall, Crown Castle
Kimberly Myl, Crown Castle
Donna Neal, Crown Castle
Sarah Snell, Empire Telecom
Nicole Caplan, Empire Telecom
Jack Andrews, Empire Telecom
Jennifer Iliades, Empire Telecom
Melanie Howlett, HPC Wireless
Alex Giannaras, HPC Wireless
Denise Sabo, Northeast Site Solutions
Deborah Chase, Northeast Site Solutions
Victoria Masse, Northeast Site Solutions
Mark Roberts, QC Development
Tim Burks, SAI Communications
Rick Woods, SBA
Kri Pelletier, SBA
Peter Nute, SBA
Adam Braillard, Smartlink, LLC
David Barbagallo, Smartlink LLC
Romina Kirchmaier, Smartlink LLC
Thomas J. Regan, Esq., Sprint
Sam Simons, T-Mobile
Greg Shappy, Transcend Wireless
Kyle Richers, Transcend Wireless
Jennifer Ardis, Transcend Wireless
James Burgess, TRM, Inc.
Jacqueline Clifford, TRM, Inc.
Matt Burke, TRM, Inc.
Jon Ritter, TRM, Inc.
Kenneth C. Baldwin, Esq., Verizon Wireless
Eric Dahl, Vertical Development LLC
Jamie Ford, Vertical Development LLC
Matthew Bandle, Vertical Development LLC

21 Acorn Road
Branford, CT
06405

Phone: 203-481-3496
Fax: 203-483-8804
asecondino@asecondinoandson.com

ALTRIO INVESTMENT GROUP, LLC

em-t-mobile-014-170523



June 16, 2017

Ms. Amanda Cornwall
Crown Castle
12 Gill Street, Suite 5800
Woburn, MA 01801

RE: T-Mobile Tower Modifications, 21 Acorn Road, Branford CT
Reference Site # CTNH509A

Dear Ms. Cornwall,

Please provide Altrio Investment Group (*Landlord and Property Owner*) with all pertinent documentation and information regarding modifications to the subject communication tower or ground lease area including structural analysis report, modification drawings, structural drawings, and drawings indicating T-Mobile equipment plans and elevations.

Please also notify all involved parties that any holes or penetrations in the building envelope are to be performed by the Landlord, Altrio Investment Group LLC and will be billed to the responsible parties.

Best regards,

Alfred J. Secondino
Managing Member

CC: Melanie A Bachman, CT Siting Council, Executive Director
File

Cunliffe, Fred

From: Bachman, Melanie
Sent: Thursday, June 08, 2017 3:35 PM
To: 'Deborah Chase'
Cc: 'Sheldon Freincle'; 'Denise Sabo'; 'Victoria Masse'
Subject: RE: 41 Padanaram Road, Danbury CT 06811 (CT11896A L1900) T-Mobile Antenna EM Application

Good afternoon.

I received a call from Robin Edwards, Corporation Counsel for the City of Danbury. She was concerned about how notice of this request was provided to the City and indicated that it appeared the request was submitted through their "311 service?" From their website, this appears to be a City Service Request Form. I snipped the link to it below for your convenience. The cover letter indicates that a copy was sent to the Mayor and the Director of Planning. Could someone please confirm that a copy of the letter was actually sent rather than submitted to the "311 service" when you have a chance?

Thanks.

Resources

Melanie A. Bachman, Esq.
Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051
860-827-2951

From: Deborah Chase [mailto:deborah@northeastsitesolutions.com]
Sent: Friday, May 26, 2017 3:12 PM
To: CSC-DL Siting Council <Siting.Council@ct.gov>; Bachman, Melanie <Melanie.Bachman@ct.gov>; Mathews, Lisa A <Lisa.A.Mathews@ct.gov>
Cc: Sheldon Freincle <sheldon@northeastsitesolutions.com>; Denise Sabo <denise@northeastsitesolutions.com>; Victoria Masse <victoria@northeastsitesolutions.com>
Subject: 41 Padanaram Road, Danbury CT 06811 (CT11896A L1900) T-Mobile Antenna EM Application

Siting Council,

Enclosed please find the Notice of Exempt Modification package from Northeast Site Solutions on behalf of T-Mobile in connection with the above-referenced site.

We are mailing the original and two (2) copies to your office.

Please let me know if you have any questions or problems with the attachment.

Sincerely,

Deborah Chase
Senior Project Coordinator & Analyst
Mobile: 860-490-8839

NSS
NORTHEAST
SITE SOLUTIONS
Turnkey Wireless Development

Save a tree. Reduce. Reuse. Recycle.

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E-Mail: siting.council@ct.gov
Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

July 12, 2021

TO: Telecommunications Industry Representatives

FROM: Melanie A. Bachman, Executive Director MAB

RE: Exempt Modification/Tower Share Filings

Pursuant to Regulations of Connecticut State Agencies § 16-50j-73 and §16-50j-88, the April 2013 *Filing Guide for Modification of Existing Telecommunications Facilities*, and the August 2013 *Tower Share Filing Guide*, notice in writing shall be provided to "the Council, the property owner of record… and the chief elected official" of the intent to modify or share an existing telecommunications facility."

The Town of Plainfield notified the Council that an exempt modification request and a copy of the Council's June 14, 2021 decision on the request was received by the Town without explanation on July 6, 2021 with a FedEx shipping label dated May 21, 2021. The Town was not provided written notice of the request as required by the regulations and filing guides.

On June 22, 2017, the Council informed requesting entities by memorandum that a copy of the notice and the attachments of the request for exempt modification or tower share ***shall be physically mailed to the chief elected official of the host municipality*** and underlying property owner where the existing telecommunications facility is located and ***proof of mailing shall be submitted to the Council with the request.***

Proof of mailing requires an acknowledgment from the carrier (United States Postal Service or private carrier such as UPS/FedEx) that a parcel was sent to the recipient. A printed shipping label without evidence that the parcel was actually mailed on a specific date is unacceptable.

Pursuant to Sections 16-50j-39a and 16-50j-90, no request shall be processed unless proof of mailing is submitted to the Council with the request.

Thank you in advance for your cooperation.

NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

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

June 20, 2021

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

RE: Exempt Modification Application
101 (aka 143R) Old Blue Hill Road, Durham CT 06422
Latitude: 41.459353
Longitude: -72.662731
Site #: 806364 Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 101 (aka 143R) Old Blue Hill Road, Durham CT 06422. Verizon Wireless currently maintains twelve (12) antennas at the 100-foot level of the existing 120-foot tower. The property is owned by Francis E. Behrens, and the tower is owned by Crown Castle. Verizon now intends to add three (3) antenna. The new antennas would be installed at the 100-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and **5G** capable through remote software configuration and either or both may be turned on or off at various times.

AT&T Planned Modifications:
Remove: (3) Diplexers
(3) Nokia UHFA B25 RRH

Remove and Replace:
(3) Nokia AHCA Airscale RRH (REMOVE) – (3) Samsung B2/B66A -BRO49 – RFV01U-D1A RRU(REPLACE)
(3) Nokia UHBA Airscale RRH (REMOVE) – (3) Samsung B5/B13 -BRO4C – RFV01U-D2A RRU (REPLACE)

Install New:
(3) VZS01 Sub6 Antenna

Existing to Remain:
(6) LPA 80080 / 6CF Antenna
(3) SBNHH-1D65B Antenna
(2) Raycap
(12) 7/8" Coax Lines
(2) 1-5/8" Hybrid

NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

The facility was approved by the Connecticut Siting Council on March 11, 1994 in Docket No. 161. The Council subsequently allowed an increase in tower height to 120' in Petition No. 697 on May 11, 2005. AT&T's proposed exempt modification complies with the original siting conditions. Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies§ 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.SA. § 16-SOj-73, a copy of this letter is being sent to Laura Francis, First Selectwoman for the Town of Durham, Robin Newton, Town Planner, Crown Castle as the tower owner, and Francis Behrens, the property owner.

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

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

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

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

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

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

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

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

Sincerely,

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

NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

Attachments
cc: Laura Francis, First Selectwoman (via email only to lfrancis@townofdurhamct.org)
Town of Durham Town Hall – Selectman's Office
30 Townhouse Road Durham, CT 06422

Robin Newton, Town Planner (via email only to rnewton@townofdurhamct.org)
Town of Durham 30 Townhouse Road Durham, CT 06422

Francis E. Behrens, Property Owner 109 Old Blue Hills Road Durham, CT 06422-3005

Crown Castle, Tower Owner (via email to Sarah.Snell@crowncastle.com)

NORTHEAST SITE SOLUTIONS, LLC
420 MAIN ST. BUILDING #4, 2nd FLOOR
Sturbridge, MA 01566

WEBSTER BANK
51-7010/2111

4414

June 23, 2021

PAY TO THE ORDER OF Connecticut Siting Council $ 625.00

Six hundred Twenty Five 00/100 DOLLARS

MEMO Crown VZW 8063364

Lisa Lin Adams
AUTHORIZED SIGNATURE

⑈004414⑈ ⑆211170101⑆10 0010608887⑈

Photo Safe Deposit® Details on Back.

4414

Crown VZW

8063364 $625.00

Exhibit A

Original Facility Approval

ORIGINAL

DOCKET NO. 161 - 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 a cellular telecommunications facility. The proposed prime site is located off of Old Blue Hills Road approximately 2,000 feet from the end of the improved portion of the road in Durham, Connecticut. The proposed alternate sites are located at 199R Cherry Lane and 100 New Haven Road, Durham, Connecticut.

Connecticut

Siting

Council

March 11, 1994

Decision and Order

Pursuant to the foregoing Findings of Fact, and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a cellular telecommunications tower and equipment building at the proposed prime site in Durham, Connecticut, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need as provided by section 16-50k of the Connecticut General Statutes (CGS), be issued to Metro Mobile CTS of Hartford, Inc. (Metro Mobile), for the construction, operation, and maintenance of a cellular telecommunications tower, associated equipment, and building at the proposed prime site located off of Old Blue Hills Road, Durham, Connecticut. We find the effects on scenic resources and adjacent land uses of the alternative sites to be significant, and therefore deny certification of these sites.

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

1. The self-supporting monopole tower shall be no taller than necessary to provide the proposed communications service and the tower shall not exceed a total height of 113 feet above ground level (AGL), with antennas and appurtenances.

2. The road design and drainage system for improvements on approximately 1,600 feet of the Old Blue Hills Road right-of-way shall be subject to approval by the Town of Durham.

3. The Certificate Holder shall prepare a Development and Management (D&M) plan for this site in compliance with sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies. The D&M plan shall include detailed plans of the tower, antenna placement on the tower including entities sharing tower space, tower foundation, equipment building, access road, utility connection, security fence, and erosion and sedimentation controls consistent with the Connecticut Guidelines for Soil Erosion and Sedimentation Control (as amended).

4. The Certificate Holder shall make provision for a Phase I archaeological reconnaissance survey, subject to the consent of the landowner, at the Merwin Cave site, due within six months after the commencement of construction. A final report of this survey shall be provided to the Council upon completion. The Certificate Holder shall not be liable for any site protection, collection and exhibition of artifacts, or other actions beyond a Phase I reconnaissance survey.

5. 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 facility granted herein shall be brought into compliance with such standards.

6. 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 density above the levels originally calculated and provided in the application.

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

8. If the facility does not initially provide, or permanently ceases to provide cellular or other services following completion of construction, this Decision and Order shall be void, and the Certificate holder shall dismantle the tower and remove all associated equipment or reapplication for any continued or new use shall be made to the Council before any such use is made.

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

Pursuant to CGS 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 Middletown Press.

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

The parties and intervenors to this proceeding are:

APPLICANT	ITS REPRESENTATIVES
Metro Mobile CTS of Hartford, Inc.	Metro Mobile CTS of Hartford, Inc. 20 Alexander Drive Wallingford, CT 06492 Attn: David S. Malko, P.E. Manager, Engineering and Regulatory Services Robinson & Cole One Commercial Plaza Hartford, CT 06103-3597 Attn: Brian C. S. Freeman, Esq.
PARTY	ITS REPRESENTATIVE
Town of Durham	Henry A. Robinson First Selectman 30 Town House Road P.O. Box 428 Durham, CT 06422
INTERVENOR	ITS REPRESENTATIVE
Springwich Cellular Limited Partnership	Peter J. Tyrrell Senior Attorney Springwich Cellular Limited Partnership 227 Church Street New Haven, CT 06506

CERTIFICATION

The undersigned members of the Connecticut Siting Council (Council) hereby certify that they have heard this case, or read the record thereof, in Docket No. 161 - Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a cellular telecommunications facility, in Durham, Connecticut, and voted as follows to approve the proposed prime site located off of Old Blue Hills Road:

Council Members	Vote Cast
Mortimer A. Gelston Chairman	YES
Commissioner Reginald J. Smith Designee: Gerald J. Heffernan	YES
Commissioner Timothy R.E. Keeney Designee: Brian Emerick	YES
Harry E. Covey	ABSENT
Daniel P. Lynch, Jr.	YES
Gloria Dibble Pond	YES
William H. Smith	YES
Colin C. Tait	YES
Dana J. Wright	ABSENT

Dated at New Britain, Connecticut, March 11, 1994.

7697E

STATE OF CONNECTICUT)
:
ss. New Britain, Connecticut
COUNTY OF HARTFORD)

I hereby certify that the foregoing is a true and correct copy of the Findings of Fact, Opinion, and Decision and Order issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:

Joel M. Rinebold
Executive Director
Connecticut Siting Council

I certify that a copy of the Findings of Fact, Opinion, and Decision and Order in Docket 161 have been forwarded by Certified First Class Return Receipt Requested mail on March 11, 1994, to all parties and intervenors of record as listed on the attached service list, dated December 7, 1993.

ATTEST:

Stanley J. Modzelesky
Executive Assistant
Connecticut Siting Council

7697E-1

Exhibit B

Property Card

Property Card: OLD BLUE HILLS RD

Town of Durham, CT

Parcel ID: 69-12
Account #: B0016900

Owner: BEHRENS FRANCIS E JR
Mailing Address: 109 OLD BLUE HILLS RD
DURHAM, CT 06422-3005

General Information		Assessed Value	
State Class:	130	**Land:**	$126,400
Class:	R	**Buildings:**	$0
Census-Tract:	5851		
District No.:	M	**Total:**	$2,030
Neighborhood:	80		
Zone:	FR		
Total Acres:	6.31		

Sale History	
Book/Page:	100-255
Deed Date:	19840824
Sale Date:	
Sale Type:	0
Sale Price:	0

Building Details			
Living Units:	0	**Basement:**	0
Style:	0	**FBLA Size:**	0
Year Built:	0	**Attic:**	0
Effective Year Built:	0	**Exterior Walls:**	0
Ture TLA:	0	**Basement / Garage:**	0
Stories:	0		
Total Rooms:	0		
Total Bedrooms:	0		
Number Full Baths:	0		
Number Half Baths:	0		
WB/FP Openings:	0		
Heating Type:	0		
Heating Fuel Type:	0		

BUILDING SKETCH

Descriptor/Area

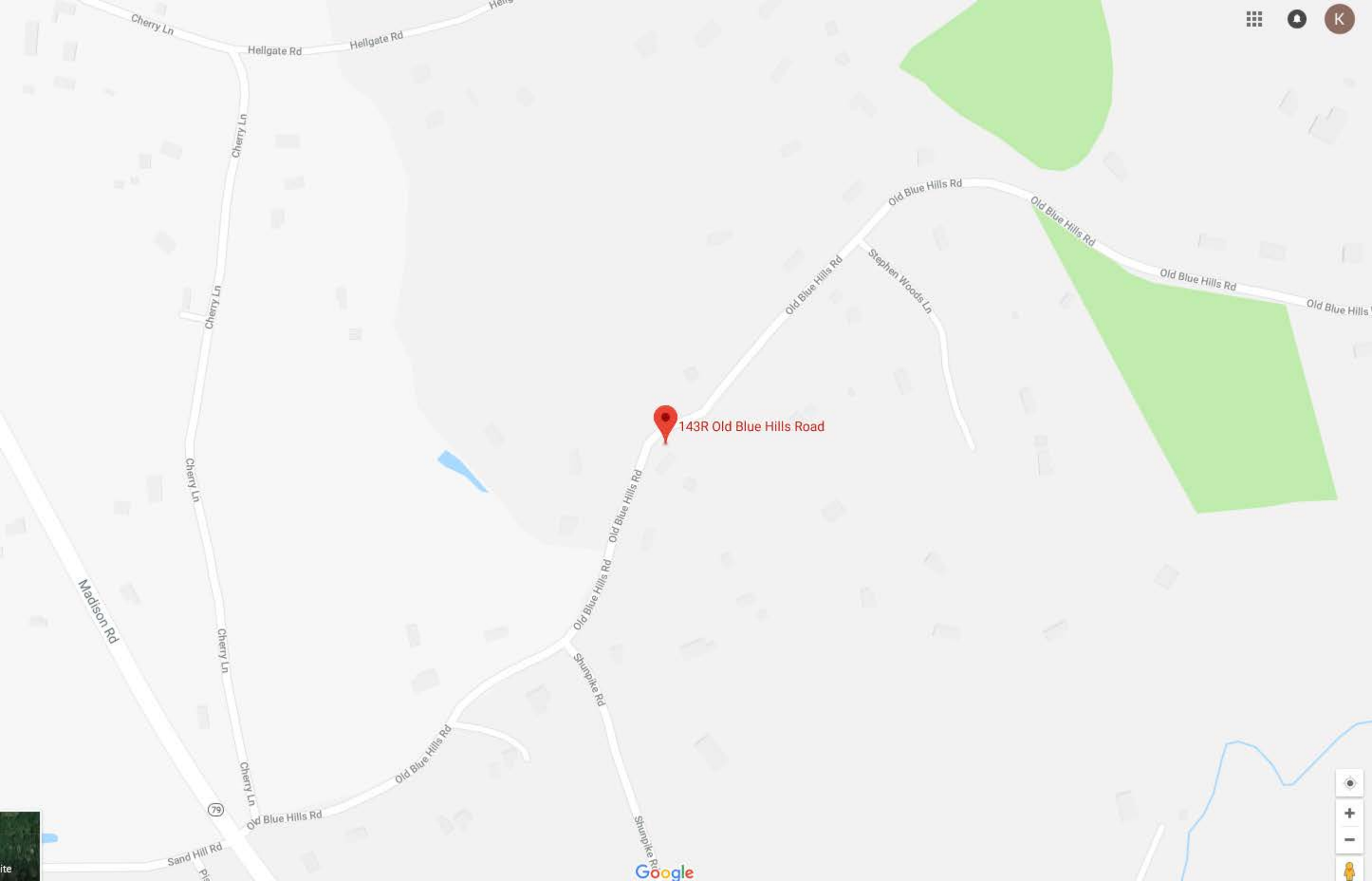

Cherry Ln
Hellgate Rd
Hellgate Rd
Cherry Ln
Cherry Ln
Old Blue Hills Rd
Old Blue Hills Rd
Old Blue Hills Rd
Stephen Woods Ln
Old Blue Hills Rd
143R Old Blue Hills Road
Madison Rd
Cherry Ln
Old Blue Hills Rd
Shumpike Rd
Shumpike Rd
79
Old Blue Hills Rd
Sand Hill Rd
Google

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 323743
VERIZON SITE NAME: DURHAM CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 120'-0"

BUSINESS UNIT #: 806364
SITE ADDRESS: 101 OLD BLUE HILL RD. DURHAM, CT 06422
COUNTY: MIDDLESEX
JURISDICTION: MIDDLESEX COUNTY

VERIZON FUZE PROJECT #: 16271931

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	HRT 106(B) 943202
SITE ADDRESS:	101 OLD BLUE HILL RD. DURHAM, CT 06422
COUNTY:	MIDDLESEX
MAP/PARCEL #:	VERIFY
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 27' 33.67" N (41.459353°)
LONGITUDE:	72° 39' 45.83" W (-72.662731°)
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	538.0'
CURRENT ZONING:	TBD
JURISDICTION:	MIDDLESEX COUNTY
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	MIDDLESEX -- --
TOWER OWNER:	CCATT LLC 1500 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921
ELECTRIC PROVIDER:	TBD --
TELCO PROVIDER:	TBD --

PROJECT TEAM

A&E FIRM:	CROWN CASTLE USA INC. 2000 CORPORATE DRIVE CANONSBURG, PA 15317 CROWNAE.APPROVAL@CROWNCASTLE.COM
CROWN CASTLE USA INC. DISTRICT CONTACTS:	1505 WESTLAKE AVENUE NORTH, SUITE 800 SEATTLE, WA 98109 TBD - PROJECT MANAGER -- TBD - CONSTRUCTION MANAGER --
VERIZON CONTACT:	ANDREW LEONE ALEONE@STRUCTURECONSULTING.NET

DRAWING INDEX

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

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 11X17. 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)	467765

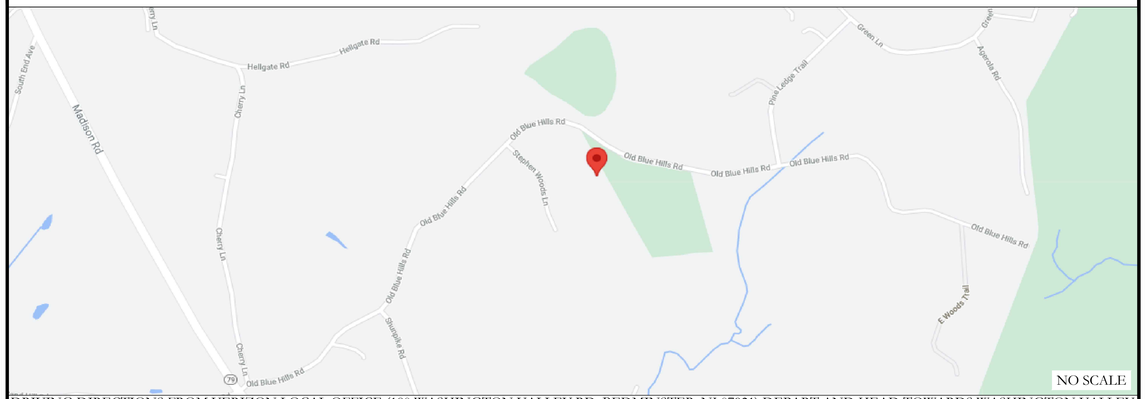
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	N

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



NO SCALE

DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (180 WASHINGTON VALLEY RD, BEDMINSTER, NJ 07921) DEPART AND HEAD TOWARDS WASHINGTON VALLEY RD / COUNTY HWY-620, TURN LEFT ONTO WASHINGTON VALLEY RD / COUNTY HWY-620, BEAR RIGHT ONTO US-206 N / US-202 N / US HIGHWAY 202 206, BEAR RIGHT ONTO US-202 N / US-206 N / US HIGHWAY 202 206, TURN RIGHT ONTO SCHLEY MOUNTAIN RD, TAKE THE SLIP ROAD ON THE LEFT FOR I-287 N, ENTERING NEW YORK, TAKE THE SLIP ROAD ON THE RIGHT FOR I-287 / I-87 SOUTH AND HEAD TOWARDS NEW YORK CITY / TAPPAN ZEE BR, KEEP STRAIGHT TO GET ONTO I-287 E / CROSS WESTCHESTER EXPY E, HEAD RIGHT ON THE SLIP ROAD FOR NY-119 / WESTCHESTER AVE TOWARDS HUTCHINSON PKWY / MERRITT PKWY / WHITESTONE BRG, HEAD RIGHT ON THE SLIP ROAD FOR HUTCHINSON PKWY N TOWARDS MERRITT PKWY, ENTERING CONNECTICUT, HEAD RIGHT ON THE SLIP ROAD FOR CT-22 TOWARDS NORTH HAVEN, TURN RIGHT ONTO CT-22 / BISHOP ST TOWARDS NORTH HAVEN, KEEP STRAIGHT TO GET ONTO US-5 N / CT-22 / CLINTONVILLE RD, KEEP STRAIGHT TO GET ONTO CT-22 / CLINTONVILLE RD, BEAR LEFT, THEN BEAR LEFT ONTO CT-17 / MIDDLETOWN AVE, TURN RIGHT ONTO HIGGANUM RD, THEN IMMEDIATELY TURN RIGHT ONTO CT-79 / MADISON RD, TURN LEFT ONTO OLD BLUE HILLS RD, ARRIVE AT 101 OLD BLUE HILL RD., DURHAM, CT 06422.

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 STATE BUILDING CODE
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS: DATED:	BY OTHERS
MOUNT ANALYSIS: DATED:	MASER CONSULTING CONNECTICUT 04/28/2021
RFDS REVISION: DATED:	TBD 02/09/2021
ORDER ID: REVISION:	552637 0

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

PROJECT DESCRIPTION

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

TOWER SCOPE OF WORK:
- REMOVE (12) RRHs
- REMOVE (6) DIPLEXERS
- INSTALL (3) ANTENNAS
- INSTALL (6) RRHs

GROUND SCOPE OF WORK:
- N/A

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
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
323743

BU #: **806364**
HRT 106(B) 943202

101 OLD BLUE HILL RD.
DURHAM, CT 06422

EXISTING 120'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	07/01/2021	RCD	FINAL	--

STATE OF CONNECTICUT
SHUHEI SAKAMOTO
34916
LICENSED PROFESSIONAL ENGINEER
7/1/2021

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

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323743

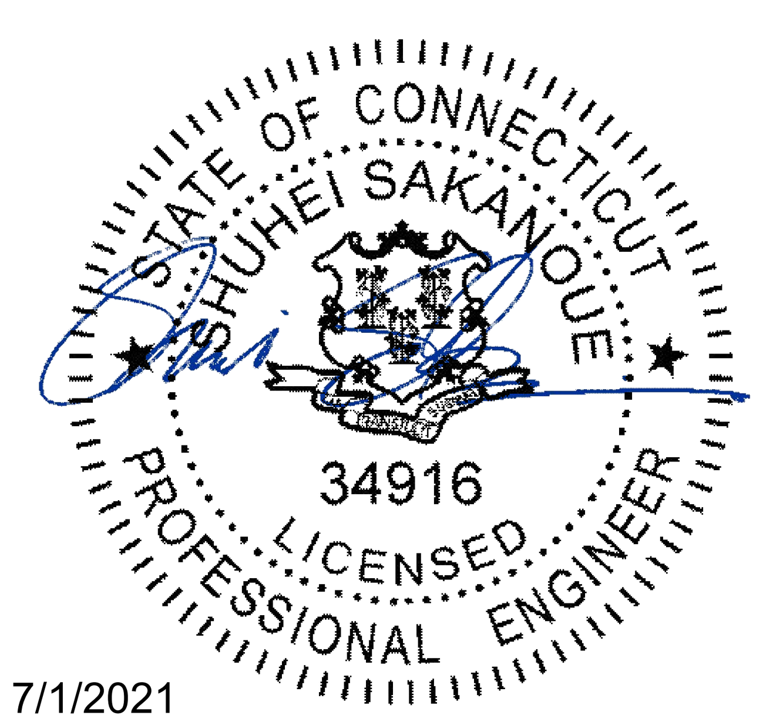
BU #: **806364**
HRT 106(B) 943202

101 OLD BLUE HILL RD.
DURHAM, CT 06422

EXISTING 120'-0" MONOPOLE

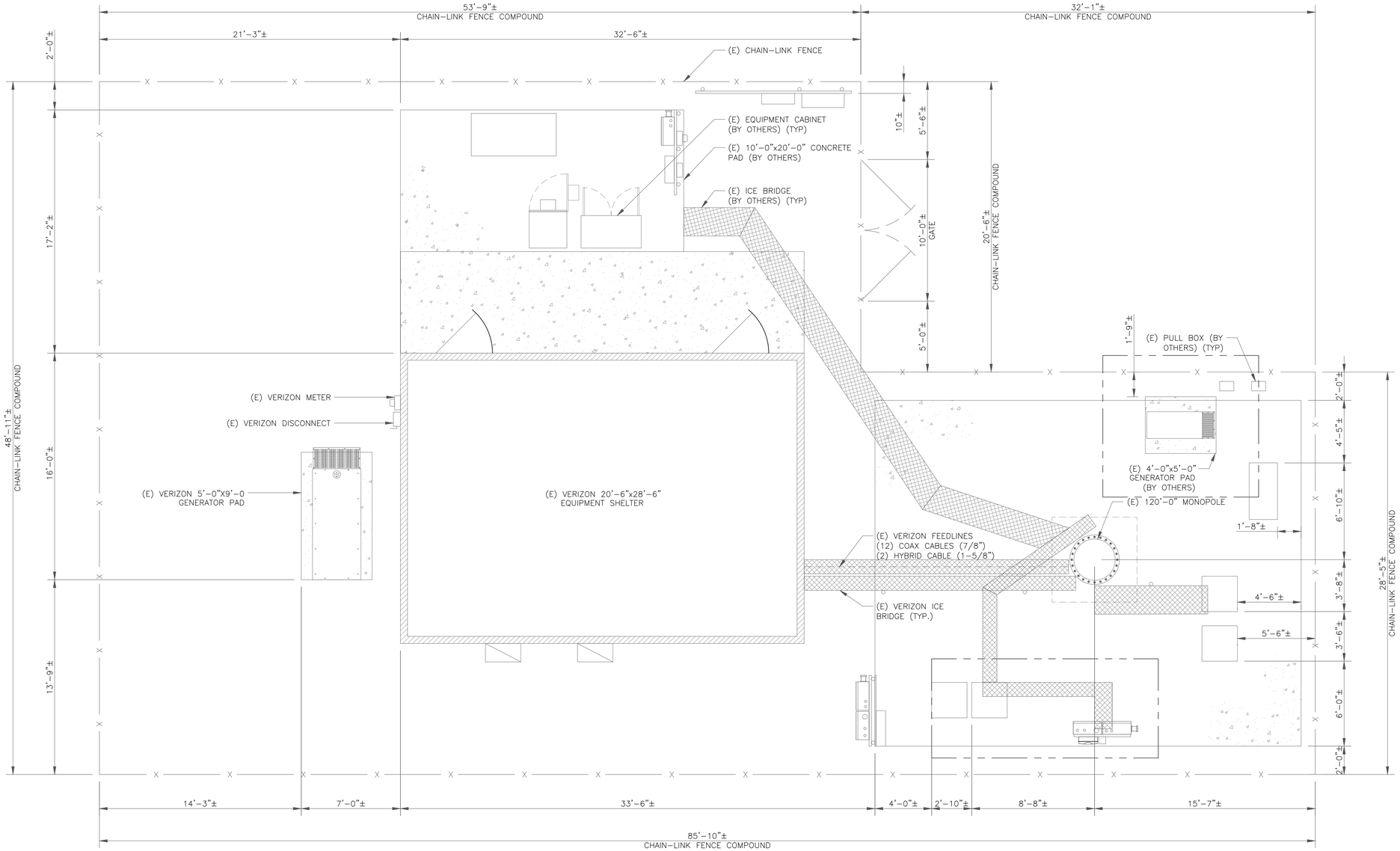
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	07/01/2021	RCD	FINAL	--



7/1/2021

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)

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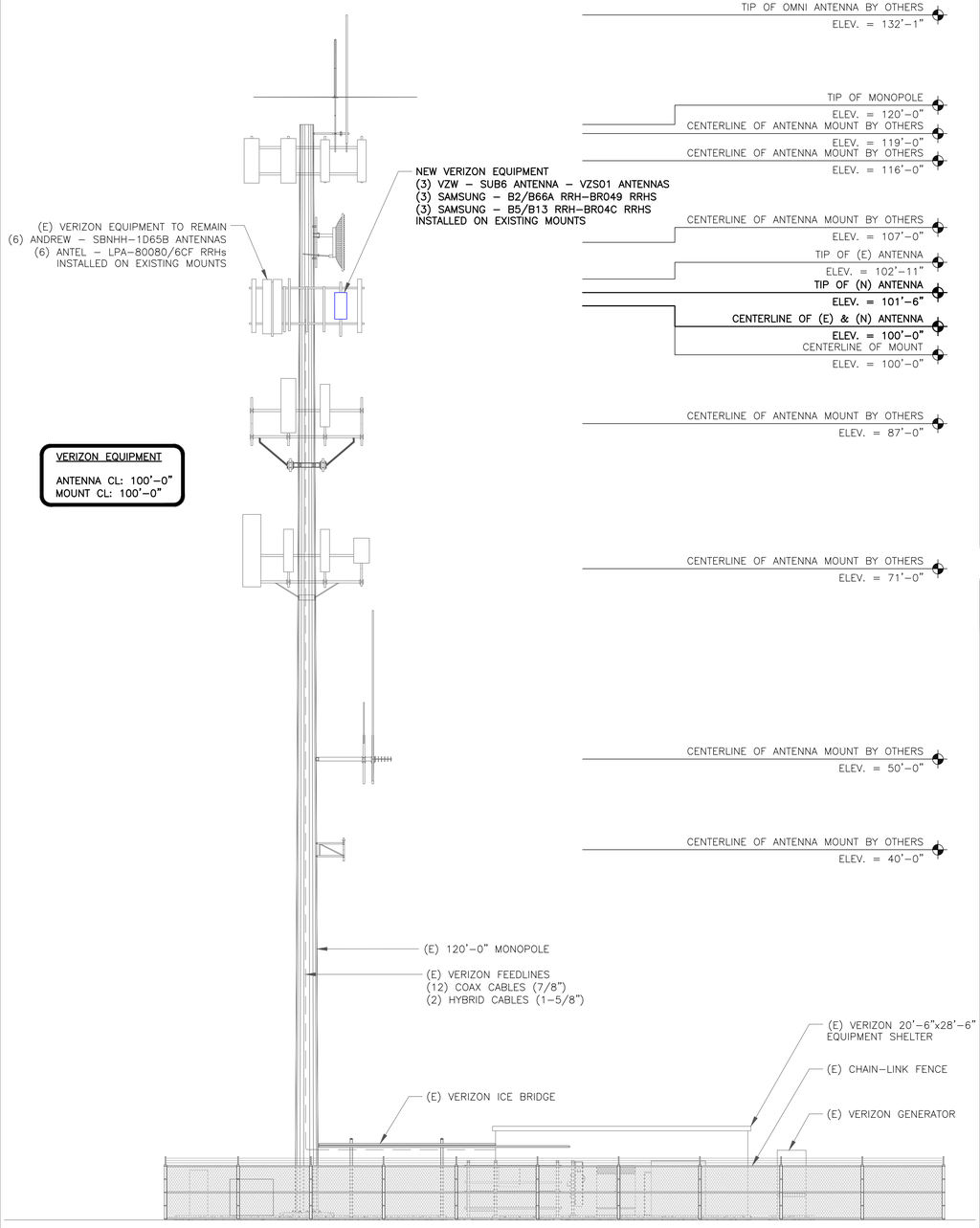
7/1/2021

SHEET NUMBER: C-1

REVISION: A

NOTES:

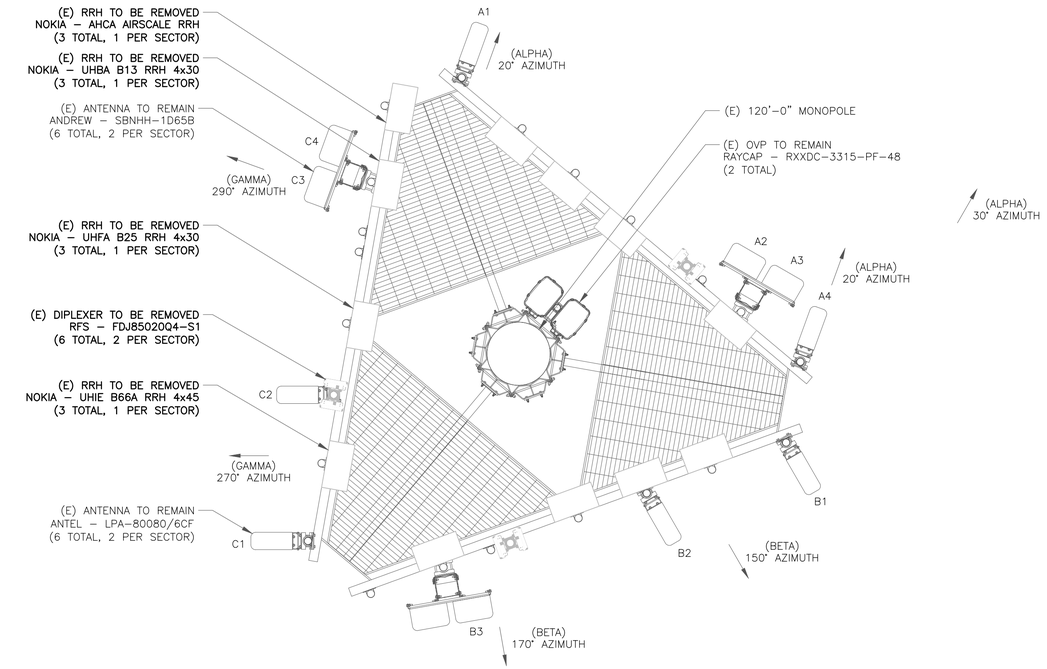
1. ELEVATION BASED ON DRAWING PROVIDED BY TOWER OWNER. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LOCATION/ORIENTATION OF EXISTING EQUIPMENT.
2. INFINIGY HAS NOT EVALUATED THE TOWER STRUCTURE AND ASSUMES NO RESPONSIBILITY FOR THEIR STRUCTURAL INTEGRITY REGARDING PROPOSED LOADINGS. FINAL INSTALLATION SHALL COMPLY WITH RESULTS OF PASSING STRUCTURAL ANALYSES PERFORMED BY OTHERS.
3. FOR ADDITIONAL INFORMATION PERTAINING TO THE ANTENNA MOUNTS, SEE "ANTENNA MOUNT ANALYSIS REPORT AND PMI REQUIREMENTS" AND MODIFICATION DESIGN DRAWINGS COMPLETED BY MASER CO, DATED 4/28/21



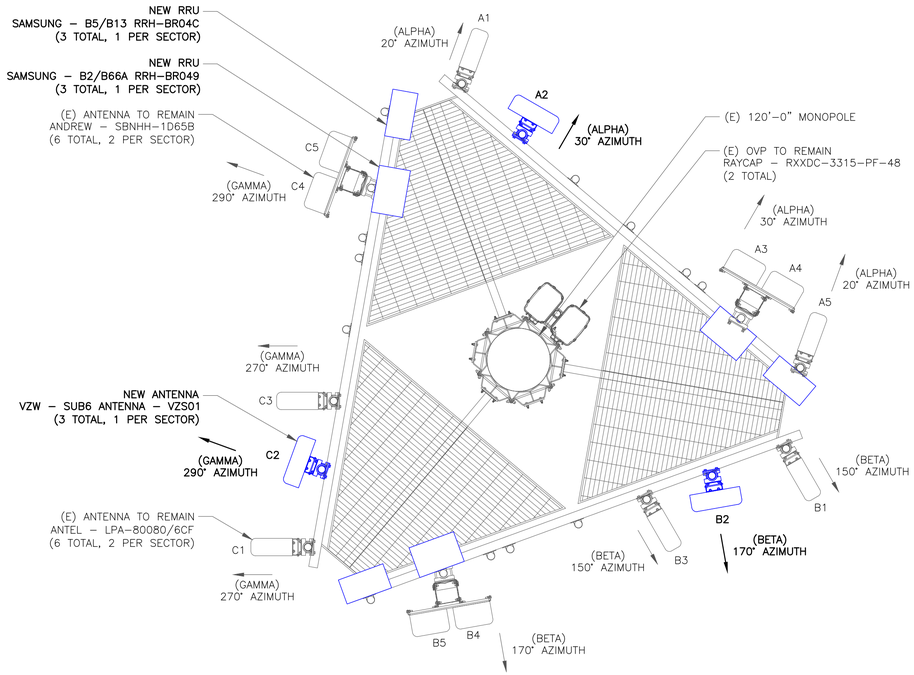
VERIZON EQUIPMENT

ANTENNA CL: 100'-0"
MOUNT CL: 100'-0"

1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

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EXISTING 120'-0" MONOPOLE

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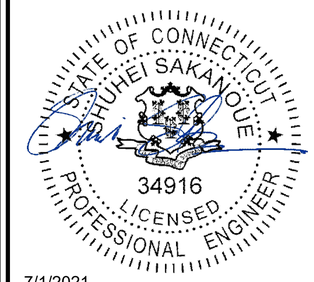


7/1/2021

SHEET NUMBER: C-2

REVISION: A

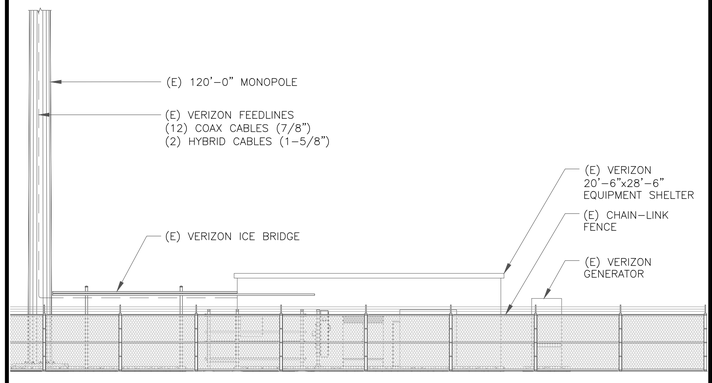
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANTEL	LPA-80080/6CF	100'-0"	20°	0°	0°	–	–
A2	**NEW**	**VZW**	**SUB6 ANTENNA – VZS01**	**100'-0"**	**30°**	**0°**	**3°**	**–**	**–**
A3	EXISTING	ANDREW	SBNHH-1D65B	100'-0"	30°	0°	0°/0°/3°/3°	SAMSUNG	(1) B2/B66A RRH-BR049
A3	EXISTING	ANDREW	SBNHH-1D65B	100'-0"	30°	0°	0°/0°/3°/3°	SAMSUNG	(1) B5/B13 RRH-BR04C
A5	EXISTING	ANTEL	LPA-80080/6CF	100'-0"	20°	0°	0°	–	–
B1	EXISTING	ANTEL	LPA-80080/6CF	100'-0"	150°	0°	0°	–	–
B2	**NEW**	**VZW**	**SUB6 ANTENNA – VZS01**	**100'-0"**	**170°**	**0°**	**3°**	**–**	**–**
B3	EXISTING	ANTEL	LPA-80080/6CF	100'-0"	150°	0°	0°	–	–
B4	EXISTING	ANDREW	SBNHH-1D65B	100'-0"	170°	0°	2°/2°/3°/3°	SAMSUNG	(1) B2/B66A RRH-BR049
B5	EXISTING	ANDREW	SBNHH-1D65B	100'-0"	170°	0°	2°/2°/3°/3°	SAMSUNG	(1) B5/B13 RRH-BR04C
C1	EXISTING	ANTEL	LPA-80080/6CF	100'-0"	270°	0°	0°	–	–
C2	**NEW**	**VZW**	**SUB6 ANTENNA – VZS01**	**100'-0"**	**290°**	**0°**	**3°**	**–**	**–**
C3	EXISTING	ANTEL	LPA-80080/6CF	100'-0"	270°	0°	0°	–	–
C4	EXISTING	ANDREW	SBNHH-1D65B	100'-0"	290°	0°	0°/0°/4°/2°	SAMSUNG	(1) B2/B66A RRH-BR049
C5	EXISTING	ANDREW	SBNHH-1D65B	100'-0"	290°	0°	0°/0°/4°/2°	SAMSUNG	(1) B5/B13 RRH-BR04C

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	7/8"	150'-0"±	12
EXISTING	HYBRID	1-5/8"	150'-0"±	2
TOTAL CABLE QTY:				14



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

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EXISTING 120'-0" MONOPOLE

ISSUED FOR:

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STATE OF CONNECTICUT
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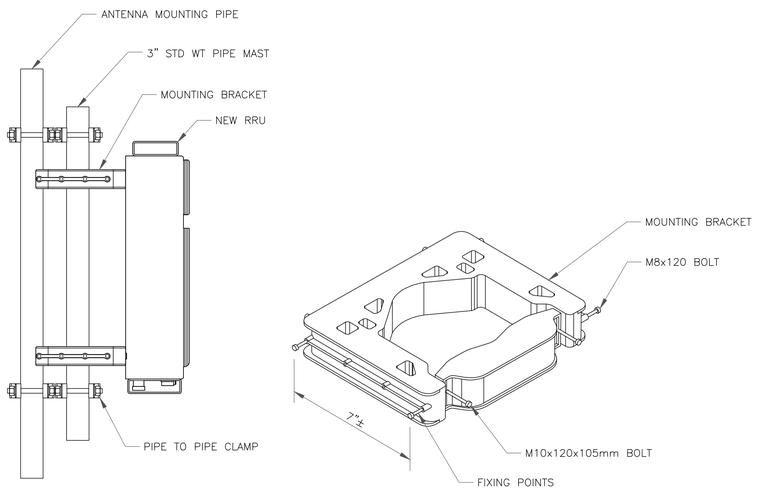
SHEET NUMBER: C-3

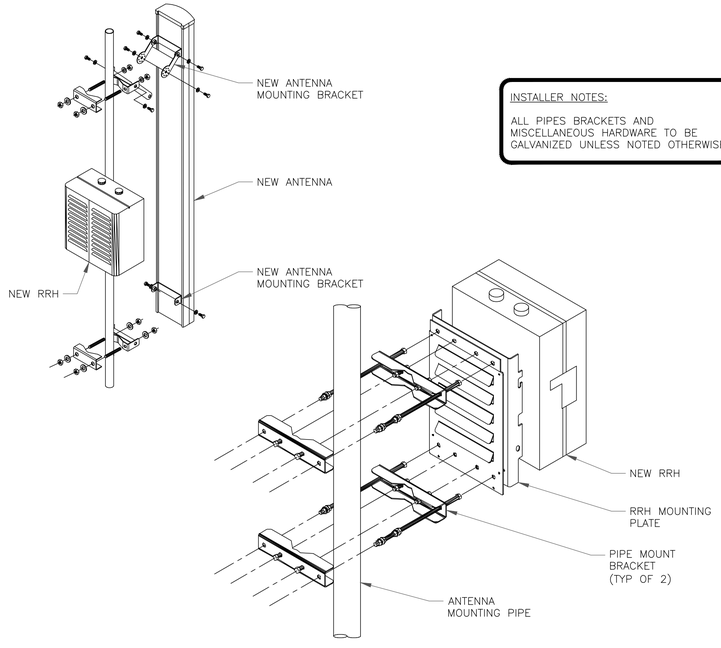
REVISION: A

1 NOT USED
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE



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



INSTALLER NOTES:

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

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

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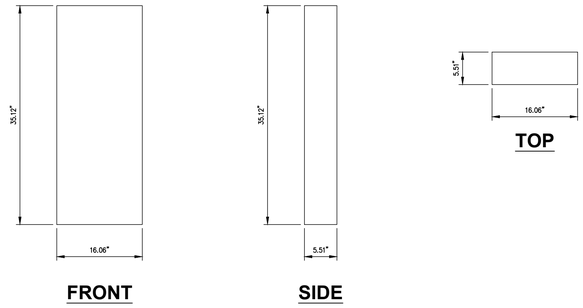
SHEET NUMBER: C-4

REVISION: A

VZW PANEL ANTENNA (SUB6 ANTENNA – VZS01)

DIMENSIONS, HxWxD: 35.12"x16.06"x5.51"

WEIGHT, W/O BRACKETS: 87.10 lbs



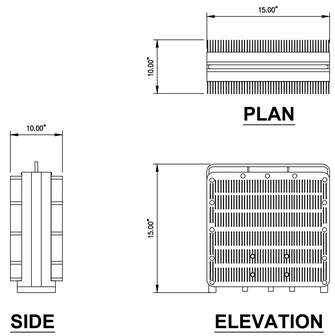
1 VZW SUB6 ANTENNA – VZS01 ANTENNA DETAIL
SCALE: NOT TO SCALE

SAMSUNG B2/B66A RRH–BR049 (RFV01U–D1A)

DIMENSIONS, WxDxH: 15.00" X 15.00" X 10.00"

TOTAL WEIGHT: 84.40 lbs

TEMPERATURE: –40° TO 55° C



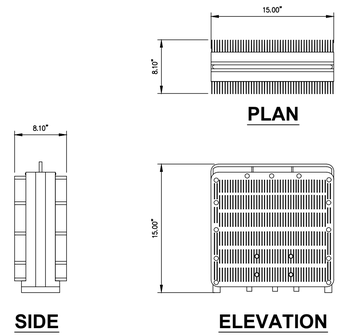
2 SAMSUNG B2/B66A RRH–BR049 DETAIL
SCALE: NOT TO SCALE

SAMSUNG B5/B13 RRH–BR04C (RFV01U–D2A)

DIMENSIONS, WxDxH: 15.00" X 15.00" X 8.10"

TOTAL WEIGHT: 70.30 lbs

TEMPERATURE: –40° TO 55° C



2 SAMSUNG B5/B13 RRH–BR04C DETAIL
SCALE: NOT TO SCALE

4 NOT USED
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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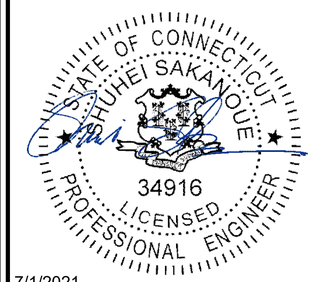
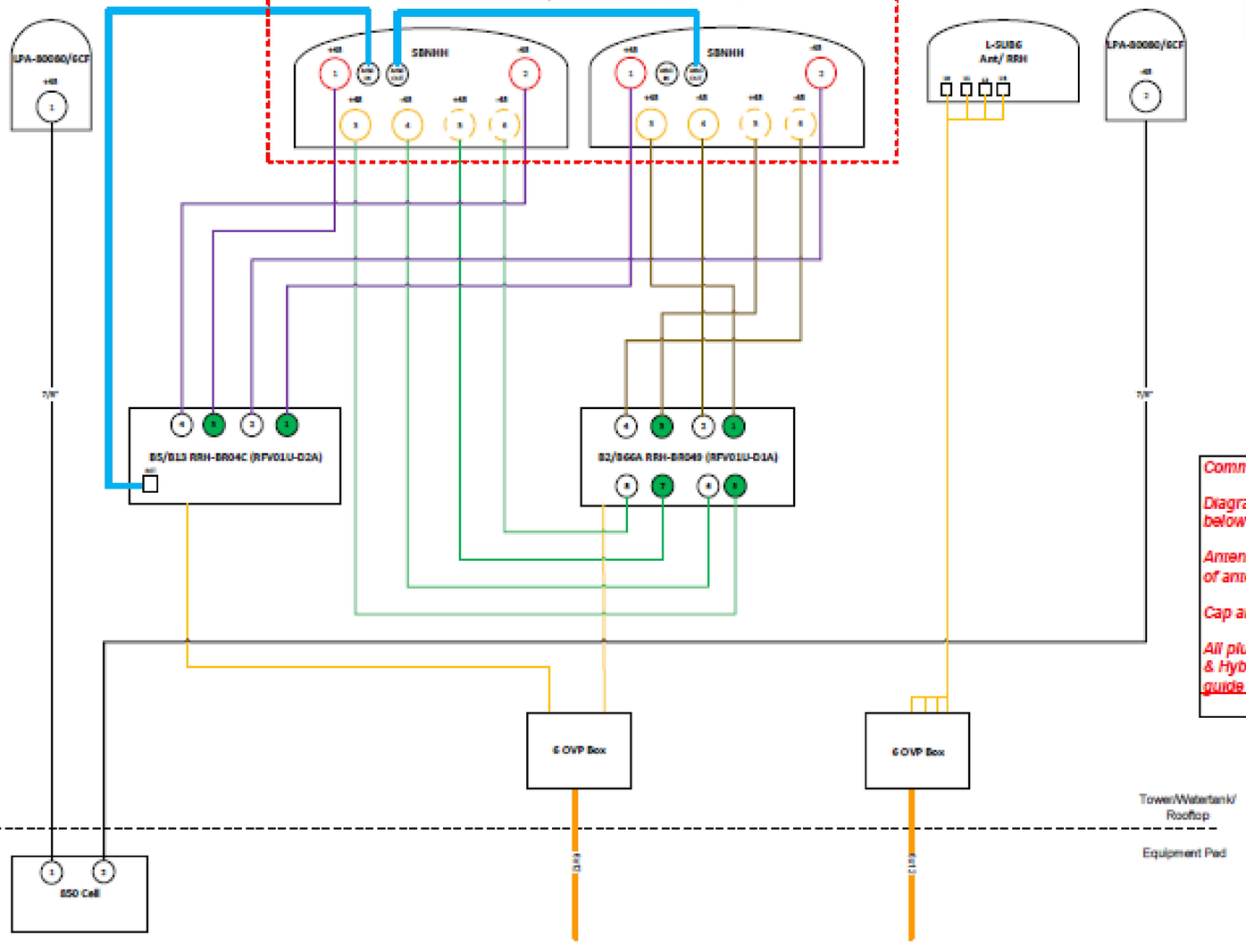


7/1/2021

SHEET NUMBER: C-5

REVISION: A

BSAMNT-SBS-1-2



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

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

DC signal capable Port

AISG Cable

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

Hybriflex cables

Comments:

Diagram shows antenna port configuration as viewed from below antennas.

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

Cap and weatherproof unused antenna ports.

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

1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

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BELLEVUE, WA 98004

VERIZON SITE NUMBER:
323743

BU #: **806364**
HRT 106(B) 943202

101 OLD BLUE HILL RD.
DURHAM, CT 06422

EXISTING 120'-0" MONOPOLE

ISSUED FOR:

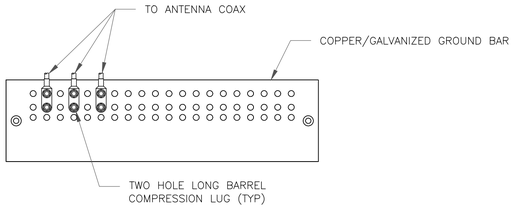
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	07/01/2021	RCD	FINAL	--

STATE OF CONNECTICUT
SHUHEI SAKAMOTO
34916
LICENSED PROFESSIONAL ENGINEER

7/1/2021

SHEET NUMBER: C-6

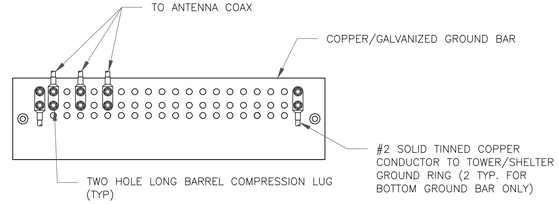
REVISION: A



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.

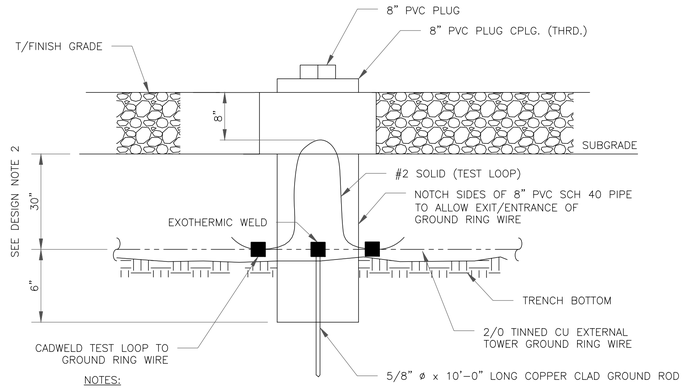
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



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.

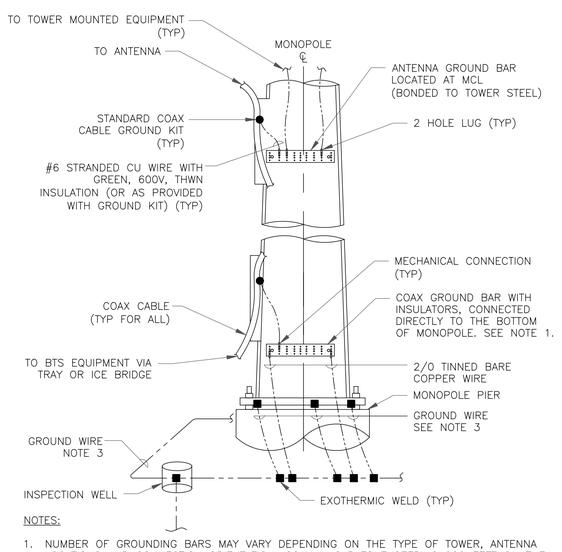
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



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)

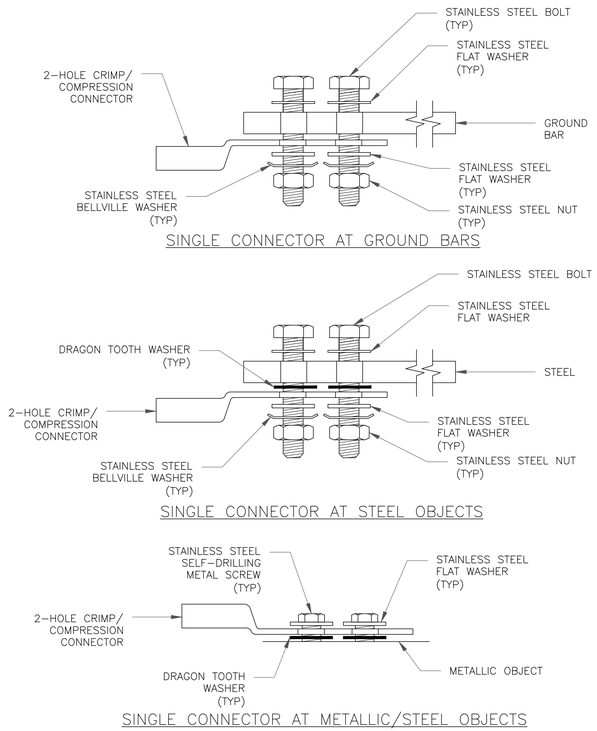
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



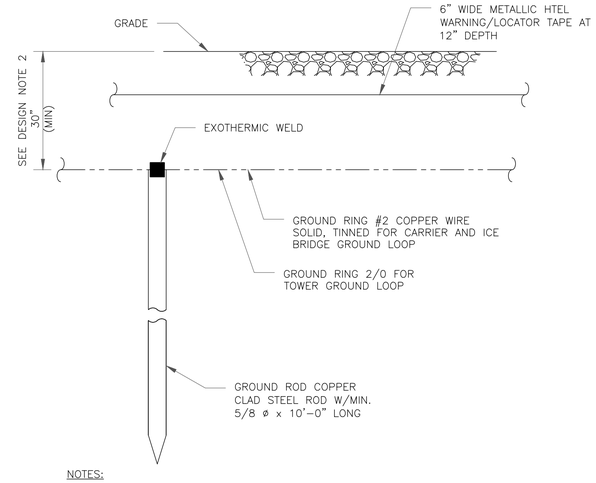
NOTES:

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



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
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

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BELLEVUE, WA 98004

VERIZON SITE NUMBER:
323743

BU #: **806364**
HRT 106(B) 943202

101 OLD BLUE HILL RD.
DURHAM, CT 06422

EXISTING 120'-0" MONOPOLE

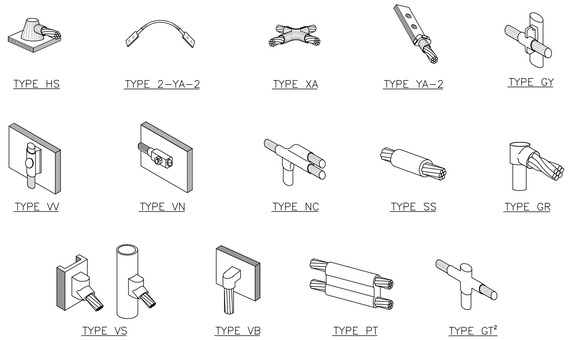
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	07/01/2021	RCD	FINAL	--

STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED
PROFESSIONAL ENGINEER

7/1/2021

SHEET NUMBER: G-1
REVISION: A

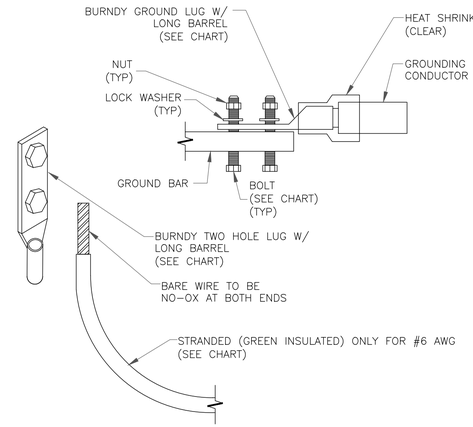


NOTE:

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

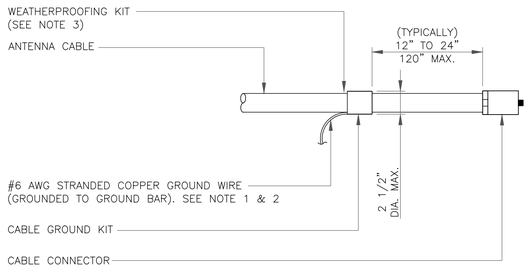
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" – 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" – 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" – 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" – 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" – 16 NC S 2 BOLT



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.

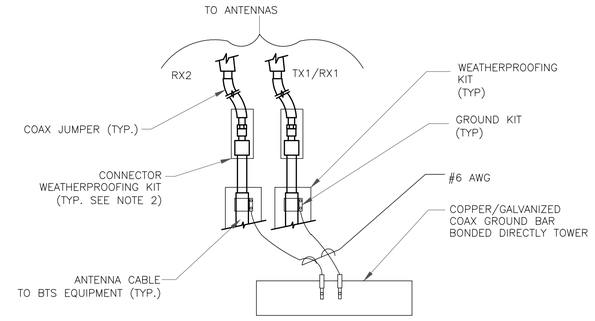
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



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.

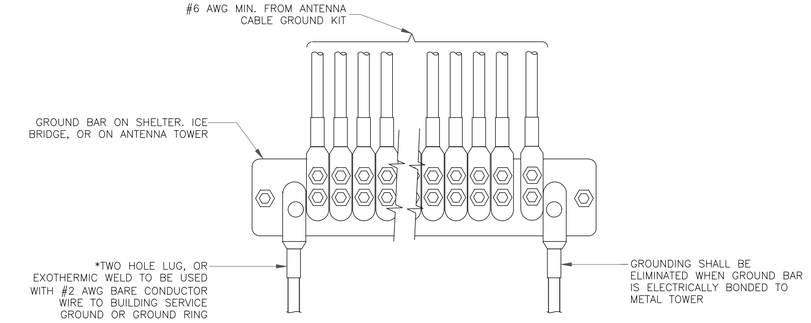
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



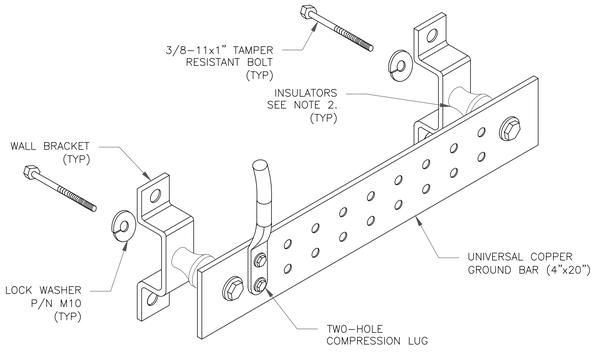
NOTES:

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



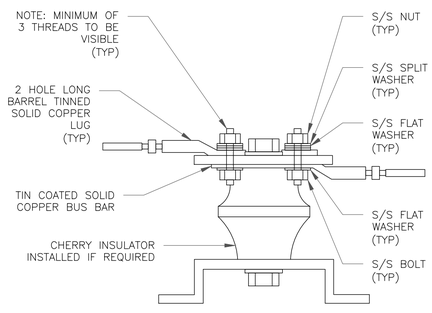
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



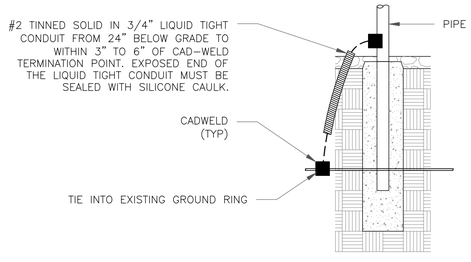
NOTES:

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
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

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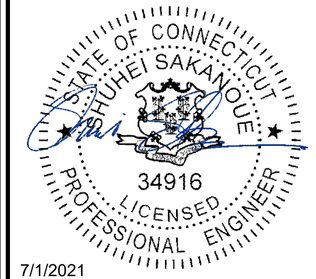


7/1/2021

SHEET NUMBER: G-2

REVISION: A

Exhibit D

Structural Analysis Report

Date: **May 3, 2021**

Tower Engineering Professionals
326 Tryon Road
Raleigh, NC 27603
(919) 661-6351

Subject: Structural Analysis Report

Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	467765
	Site Name:	Durham CT
Crown Castle Designation:	**BU Number:**	806364
	Site Name:	HRT 106(B) 943202
	JDE Job Number:	644598
	Work Order Number:	1957173
	Order Number:	552637 Rev. 0
Engineering Firm Designation:	**TEP Project Number:**	217465.537172
Site Data:	**143 R Old Blue Hill Road, Durham, Middlesex County, CT 06422** **Latitude *41° 27' 33.67"*, Longitude *-72° 39' 45.83"*** **120 Foot - Monopole Tower**	

Tower Engineering Professionals is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above-mentioned tower.

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

LC7: Proposed Equipment Configuration **Sufficient Capacity - 81.7%**

This analysis utilizes an ultimate 3-second gust wind speed of 130 mph as required by the 2018 Connecticut State Building Code and Appendix N. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Julie C. Ryland / RAL

Respectfully submitted by:

Aaron T. Rucker, P.E.

Electronic Copy

05/03/2021

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 120-ft monopole tower designed by Valmont. The tower was previously extended 20-ft, bringing the overall tower height to 120-ft.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	130 mph
Exposure Category:	B
Topographic Factor:	1.0
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
100.0	100.0	6	Antel	LPA-80080/6CF w/ Mount Pipe	12 2	7/8 1-5/8
		6	Andrew	SBNHH-1D65B w/ Mount Pipe		
		3	VZW	Sub6 Antenna - VZS01 w/ Mount Pipe		
		3	Samsung Telecom.	RFV01U-D1A		
		3	Samsung Telecom.	RFV01U-D2A		
		2	Raycap	RXXDC-3315-PF-48		
		1	Tower Mounts	Platform Mount [LP 713-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
119.0	125.0	1	Decibel	DB809MT3-XT	2	7/8
	123.0	1	Decibel	DB201-A		
	119.0	2	Tower Mounts	Side Arm Mount [SO 701-1]		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
116.0	116.0	6	Andrew	SBNHH-1D65A w/ Mount Pipe	2 6 6 2	7/8 1-5/8 3/4 3/8
		6	Kathrein	80010964 w/ Mount Pipe		
		2	Raycap	DC6-48-60-18-8C		
		1	Raycap	DC6-48-60-18-8C-EV		
		1	Raycap	DC6-48-60-18-8F		
		3	Ericsson	RRUS-32 B30		
		3	Ericsson	RRUS 4415 B25		
		3	Ericsson	RRUS 4426 B66		
		3	Ericsson	RRUS 4478 B14_CCIV2		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 32 B2		
		1	SitePro1	RMQLP-496-HK Platform Mount		
		3	SitePro1	PM1 Standoff Mount		
107.0	107.0	1	Gabriel Electronics	GLF6-450	1	7/8
		1	Tower Mounts	Pipe Mount [PM 601-1]		
87.0	89.0	3	RFS Celwave	APXVTM14-ALU-I20 w/ Mount Pipe	3 1	1-1/4 7/8
		3	Commscope	NNVV-65B-R4 w/ Mount Pipe		
		6	Alcatel Lucent	RRH2X50-800		
		3	Nokia	FZHN		
		3	Alcatel Lucent	PCS 1900MHZ 4X45W-65MHZ		
	87.0	1	Tower Mounts	Platform Mount [LP 303-1_KCKR-HR-1]		
71.0	73.0	3	Ericsson	AIR6449 B41	6	1-5/8
		3	Ericsson	AIR21 B4A B2P_T-MOBILE		
		3	Ericsson	AIR 32 B2a/B66Aa		
		3	RFS Celwave	APXVAARR24_43-U-NA20_T-MOBILE		
		3	Ericsson	RADIO 4449 B71 B85A_T-MOBILE		
		3	Ericsson	RRUS 4415 B25		
	71.0	1	Tower Mounts	Platform Mount [LP 301-1_KCKR]		
50.0	57.0	1	RFS Celwave	PD1142-1	3 1	7/8 1/2
	54.0	1	Decibel	ASP-655		
	53.0	1	RFS Celwave	PD1121-6		
	50.0	1	Decibel	DB492A		
		2	Tower Mounts	Side Arm Mount [SO 702-1]		
40.0	41.0	1	Tekelec Systems.	EPSILON GPS ANTENNA 35 DB	1	1/2
	40.0	1	Tower Mounts	Side Arm Mount [SO 701-1]		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
30.0	30.0	3	JMA Wireless	MX08FRO665-20 w/ Mount Pipe	1	1-3/8
		3	Fujitsu	TA08025-B604		
		3	Fujitsu	TA08025-B605		
		1	Raycap	RDIDC-9181-PF-48		
		1	Commscope	MC-PK8-DSH Platform Mount		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Geotechnical Report	262150	CCISites
Tower Foundation Drawings	297341	CCISites
Tower Manufacturer Drawings	262153	CCISites
Previous Structural Analysis	2249382	CCISites

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.
3) The tower extension, flange bolt and plate dimensions and grade were assumed per the previous analysis by Vertical Structures, Inc. dated May 7, 2008 (CCI Doc ID#2249382).

This analysis may be affected if any assumptions are not valid or have been made in error. Tower Engineering Professionals 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)	ϕP_{allow} (k)	% Capacity	Pass / Fail
L1	120 - 100	Pole	TP20.26x15.4x0.19	1	-6.02	744.51	32.9	Pass
L2	100 - 47.0833	Pole	TP33.13x20.26x0.28	2	-23.98	1760.81	81.7	Pass
L3	47.0833 - 0	Pole	TP44x31.37x0.38	3	-40.77	3235.70	77.1	Pass
							Summary	
						Pole (L2)	81.7	Pass
						RATING =	**81.7**	**Pass**

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Flange Connection	100.0	20.8	Pass
1,2	Anchor Rods	-	70.9	Pass
1,2	Base Plate	-	38.3	Pass
1,2	Base Foundation Soil Interaction	-	35.8	Pass
1,2	Base Foundation Structural	-	8.4	Pass

Structure Rating (max from all components) =	**81.7%**

Notes:
1) See additional documentation in "Appendix C - Additional Calculations" for calculations supporting the % capacity listed.
2) Rating per TIA-222-H Section 15.5

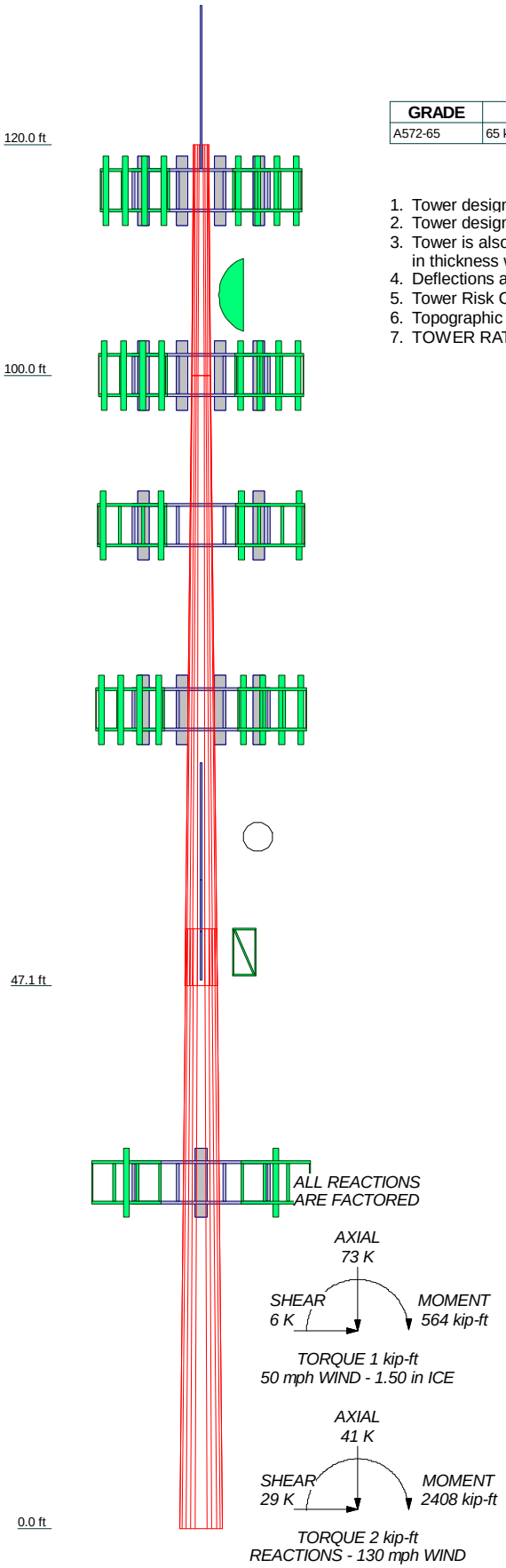
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	20.00	12	0.19		15.40	20.26		0.7
2	52.92	12	0.28	4.92	20.26	33.13	A572-65	4.3
3	52.00	12	0.38		31.37	44.00		8.0



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower designed for Exposure B to the TIA-222-H Standard.
2. Tower designed for a 130 mph basic wind in accordance with the TIA-222-H Standard.
3. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
4. Deflections are based upon a 60 mph wind.
5. Tower Risk Category II.
6. Topographic Category 1 with Crest Height of 0.00 ft
7. TOWER RATING: 81.7%

Tower Engineering Professionals
326 Tryon Road
Raleigh, NC 27603
Phone: (919) 661-6351
FAX: (919) 661-6350
Tower Engineering Professionals

Job:	***HRT 106(B) 943202 (BU 806364)***
Project:	***TEP No. 217465.537172***
Client: Crown Castle	Drawn by: Julie C. Ryland — App'd:
Code: TIA-222-H	Date: 05/03/21 — Scale: NTS
Path:	Dwg No. E-1

Tower Input Data

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

Tower base elevation above sea level: 511.00 ft.
Basic wind speed of 130 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.50 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	120.00-100.00	20.00	0.00	12	15.40	20.26	0.19	0.75	A572-65 (65 ksi)
L2	100.00-47.08	52.92	4.92	12	20.26	33.13	0.28	1.13	A572-65 (65 ksi)
L3	47.08-0.00	52.00		12	31.37	44.00	0.38	1.50	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	15.88	9.19	271.46	5.45	7.98	34.02	550.05	4.52	3.63	19.336
	20.91	12.12	623.51	7.19	10.50	59.40	1263.40	5.97	4.93	26.283
L2	20.88	18.10	922.22	7.15	10.50	87.86	1868.67	8.91	4.68	16.628
	34.20	29.75	4097.24	11.76	17.16	238.75	8302.11	14.64	8.13	28.889
L3	33.58	37.43	4590.19	11.10	16.25	282.46	9300.98	18.42	7.40	19.741
	45.42	52.68	12796.15	15.62	22.79	561.43	25928.47	25.93	10.79	28.765

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 120.00-100.00				1	1	1			
L2 100.00-47.08				1	1	1			
L3 47.08-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
Safety Line 3/8 ***87***	B	No	Surface Ar (CaAa)	120.00 - 0.00	1	1	0.250 0.250	0.38		0
HB114-1-08U4-M5F(1-1/4)	C	No	Surface Ar (CaAa)	87.00 - 0.00	3	3	0.000 0.000	1.54		1
HB114-08U3M12-XXXF(7/8) ***40***	C	No	Surface Ar (CaAa)	87.00 - 0.00	1	1	-0.250 -0.250	1.11		1
2" Rigid Conduit ***30***	C	No	Surface Ar (CaAa)	40.00 - 0.00	1	1	0.500 0.500	2.00		3
CU12PSM9P8XXX(1-3/8) **********	A	No	Surface Ar (CaAa)	30.00 - 0.00	1	1	0.250 0.250	1.41		2

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
**********									
LDF5-50A(7/8)	C	No	No	Inside Pole	119.00 - 0.00	2	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
LDF5-50A(7/8)	C	No	No	Inside Pole	107.00 - 0.00	1	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
LDF5-50A(7/8)	C	No	No	Inside Pole	50.00 - 0.00	3	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
LDF4-50A(1/2)	C	No	No	Inside Pole	50.00 - 0.00	1	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
116									
2" Flexible Conduit	A	No	No	Inside Pole	116.00 - 0.00	3	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
WR-VG66ST-BRD_ CCIV2(7/8)	A	No	No	Inside Pole	116.00 - 0.00	2	No Ice	0.00	1
							1/2" Ice	0.00	1
							1" Ice	0.00	1
							2" Ice	0.00	1
LDF7-50A(1-5/8)	A	No	No	Inside Pole	116.00 - 0.00	6	No Ice	0.00	1
							1/2" Ice	0.00	1
							1" Ice	0.00	1
							2" Ice	0.00	1
WR-VG86ST-BRD(3/4)	A	No	No	Inside Pole	116.00 - 0.00	6	No Ice	0.00	1
							1/2" Ice	0.00	1
							1" Ice	0.00	1
							2" Ice	0.00	1
FB-L98B-034-XXX(3/8)	A	No	No	Inside Pole	116.00 - 0.00	2	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
100									
LDF5-50A(7/8)	C	No	No	Inside Pole	100.00 - 0.00	12	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
HB158-1-08U8-S8J 18(1-5/8)	C	No	No	Inside Pole	100.00 - 0.00	2	No Ice	0.00	1
							1/2" Ice	0.00	1
							1" Ice	0.00	1
							2" Ice	0.00	1
71									
HCS 6X12 4AWG(1-5/8)	A	No	No	Inside Pole	71.00 - 0.00	6	No Ice	0.00	2
							1/2" Ice	0.00	2
							1" Ice	0.00	2
							2" Ice	0.00	2
LDF4-50A(1/2)	C	No	No	Inside Pole	40.00 - 0.00	1	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
**********							2" Ice	0.00	0

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	120.00-100.00	A	0.000	0.000	0.000	0.000	0.18
		B	0.000	0.000	0.750	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.01
L2	100.00-47.08	A	0.000	0.000	0.000	0.000	0.94
		B	0.000	0.000	1.984	0.000	0.01
		C	0.000	0.000	22.872	0.000	0.59
L3	47.08-0.00	A	0.000	0.000	4.233	0.000	1.26
		B	0.000	0.000	1.766	0.000	0.01
		C	0.000	0.000	34.979	0.000	0.74

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	120.00-100.00	A	1.438	0.000	0.000	0.000	0.000	0.18
		B		0.000	0.000	6.500	0.000	0.07
		C		0.000	0.000	0.000	0.000	0.01
L2	100.00-47.08	A	1.379	0.000	0.000	0.000	0.000	0.94
		B		0.000	0.000	16.575	0.000	0.17
		C		0.000	0.000	52.246	0.000	1.10
L3	47.08-0.00	A	1.228	0.000	0.000	12.505	0.000	1.40
		B		0.000	0.000	14.748	0.000	0.15
		C		0.000	0.000	80.655	0.000	1.57

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	120.00-100.00	0.23	0.00	1.21	0.00
L2	100.00-47.08	0.42	2.36	1.35	2.97
L3	47.08-0.00	-0.54	2.81	-0.02	3.46

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	1	Safety Line 3/8	100.00 - 120.00	1.0000	1.0000
L2	1	Safety Line 3/8	47.08 - 100.00	1.0000	1.0000
L2	19	HB114-1-08U4-M5F(1-1/4)	47.08 - 87.00	1.0000	1.0000
L2	20	HB114-08U3M12-XXXF(7/8)	47.08 - 87.00	1.0000	1.0000
L3	1	Safety Line 3/8	0.00 - 47.08	1.0000	1.0000
L3	19	HB114-1-08U4-M5F(1-1/4)	0.00 - 47.08	1.0000	1.0000
L3	20	HB114-08U3M12-XXXF(7/8)	0.00 - 47.08	1.0000	1.0000
L3	24	2" Rigid Conduit	0.00 - 40.00	1.0000	1.0000
L3	27	CU12PSM9P8XXX(1-3/8)	0.00 - 30.00	1.0000	1.0000

Discrete Tower Loads

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
119									
DB809MT3-XT	A	From Leg	3.00 0.00 6.00	0.00	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.84 4.29 5.75 8.72	2.84 4.29 5.75 8.72	0.03 0.05 0.08 0.17
DB201-A	C	From Face	3.00 0.00 4.00	0.00	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.98 2.86 4.62	1.10 1.98 2.86 4.62	0.03 0.03 0.04 0.06
4' x 2" Pipe Mount	A	From Leg	3.00 0.00 0.00	0.00	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.79 1.03 1.28 1.81	0.79 1.03 1.28 1.81	0.03 0.04 0.04 0.07
4' x 2" Pipe Mount	C	From Face	3.00 0.00 0.00	0.00	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.79 1.03 1.28 1.81	0.79 1.03 1.28 1.81	0.03 0.04 0.04 0.07
Side Arm Mount [SO 701-1]	A	From Leg	1.50 0.00 0.00	0.00	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.85 1.14 1.43 2.01	1.67 2.34 3.01 4.35	0.07 0.08 0.09 0.12
Side Arm Mount [SO 701-1]	C	From Face	1.50 0.00 0.00	0.00	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.85 1.14 1.43 2.01	1.67 2.34 3.01 4.35	0.07 0.08 0.09 0.12
116									
(2) SBNHH-1D65A w/ Mount Pipe	A	From Centroid-Fa	4.00 0.00	0.00	116.00	No Ice 1/2" Ice	3.04 3.34	2.45 2.75	0.05 0.10

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
		ce	0.00			1" Ice	3.65	3.05	0.16
						2" Ice	4.31	3.68	0.31
(2) SBNHH-1D65A w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	3.04 3.34 3.65	2.45 2.75 3.05	0.05 0.10 0.16
						2" Ice	4.31	3.68	0.31
(2) SBNHH-1D65A w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	3.04 3.34 3.65	2.45 2.75 3.05	0.05 0.10 0.16
						2" Ice	4.31	3.68	0.31
(2) 80010964 w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	8.61 9.18 9.77	4.10 4.59 5.10	0.12 0.19 0.26
						2" Ice	10.98	6.16	0.45
(2) 80010964 w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	8.61 9.18 9.77	4.10 4.59 5.10	0.12 0.19 0.26
						2" Ice	10.98	6.16	0.45
(2) 80010964 w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	8.61 9.18 9.77	4.10 4.59 5.10	0.12 0.19 0.26
						2" Ice	10.98	6.16	0.45
(2) DC6-48-60-18-8C	B	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	1.14 1.79 2.00	1.14 1.79 2.00	0.03 0.05 0.07
						2" Ice	2.45	2.45	0.13
DC6-48-60-18-8C-EV	B	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	1.14 1.79 2.00	1.14 1.79 2.00	0.03 0.05 0.07
						2" Ice	2.45	2.45	0.13
DC6-48-60-18-8F	B	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	1.21 1.89 2.11	1.21 1.89 2.11	0.03 0.05 0.08
						2" Ice	2.57	2.57	0.14
RRUS-32 B30	A	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	3.31 3.56 3.81	2.42 2.64 2.86	0.08 0.10 0.14
						2" Ice	4.33	3.32	0.21
RRUS-32 B30	B	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	3.31 3.56 3.81	2.42 2.64 2.86	0.08 0.10 0.14
						2" Ice	4.33	3.32	0.21
RRUS-32 B30	C	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	3.31 3.56 3.81	2.42 2.64 2.86	0.08 0.10 0.14
						2" Ice	4.33	3.32	0.21
RRUS 4415 B25	A	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	1.64 1.80 1.97	0.68 0.79 0.91	0.04 0.06 0.07
						2" Ice	2.33	1.18	0.11
RRUS 4415 B25	B	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	1.64 1.80 1.97	0.68 0.79 0.91	0.04 0.06 0.07
						2" Ice	2.33	1.18	0.11
RRUS 4415 B25	C	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice	1.64 1.80 1.97	0.68 0.79 0.91	0.04 0.06 0.07

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
						2" Ice	2.33	1.18	0.11
RRUS 4426 B66	A	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.33	0.73 0.84 0.97 1.24	0.05 0.06 0.08 0.11
RRUS 4426 B66	B	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.33	0.73 0.84 0.97 1.24	0.05 0.06 0.08 0.11
RRUS 4426 B66	C	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.33	0.73 0.84 0.97 1.24	0.05 0.06 0.08 0.11
RRUS 4478 B14_CCIV2	A	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.02 2.20 2.39 2.78	1.25 1.40 1.55 1.89	0.06 0.08 0.10 0.15
RRUS 4478 B14_CCIV2	B	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.02 2.20 2.39 2.78	1.25 1.40 1.55 1.89	0.06 0.08 0.10 0.15
RRUS 4478 B14_CCIV2	C	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.02 2.20 2.39 2.78	1.25 1.40 1.55 1.89	0.06 0.08 0.10 0.15
RRUS 4449 B5/B12	A	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 4449 B5/B12	B	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 4449 B5/B12	C	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 32 B2	A	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.73 2.95 3.18 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 32 B2	B	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.73 2.95 3.18 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 32 B2	C	From Centroid-Face	4.00 0.00 0.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.73 2.95 3.18 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
SitePro1 PM1 Standoff	C	None		0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.27 6.47 7.78 10.66	5.27 6.47 7.78 10.66	0.29 0.35 0.43 0.66
Platform Mount [LP 303-1_KCKR-HR-1]	C	None		0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	28.31 35.69 43.11 58.21	28.31 35.69 43.11 58.21	1.77 2.30 2.94 4.60

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
107									
Pipe Mount [PM 601-1]	B	From Leg	0.50 0.00 0.00	0.00	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.32 1.58 1.84 2.40	1.32 1.58 1.84 2.40	0.07 0.08 0.09 0.13
100									
(2) LPA-80080/6CF w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.56 5.11 5.61 6.65	10.26 11.43 12.31 14.13	0.05 0.11 0.19 0.36
(2) LPA-80080/6CF w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.56 5.11 5.61 6.65	10.26 11.43 12.31 14.13	0.05 0.11 0.19 0.36
(2) LPA-80080/6CF w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.56 5.11 5.61 6.65	10.26 11.43 12.31 14.13	0.05 0.11 0.19 0.36
(2) SBNHH-1D65B w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.72	3.30 3.68 4.07 4.87	0.07 0.13 0.20 0.39
(2) SBNHH-1D65B w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.72	3.30 3.68 4.07 4.87	0.07 0.13 0.20 0.39
(2) SBNHH-1D65B w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.72	3.30 3.68 4.07 4.87	0.07 0.13 0.20 0.39
Sub6 Antenna - VZS01 w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.92 5.26 5.62 6.37	2.69 3.15 3.63 4.64	0.10 0.14 0.19 0.29
Sub6 Antenna - VZS01 w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.92 5.26 5.62 6.37	2.69 3.15 3.63 4.64	0.10 0.14 0.19 0.29
Sub6 Antenna - VZS01 w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.92 5.26 5.62 6.37	2.69 3.15 3.63 4.64	0.10 0.14 0.19 0.29
RFV01U-D1A	A	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	0.08 0.10 0.12 0.18
RFV01U-D1A	B	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	0.08 0.10 0.12 0.18
RFV01U-D1A	C	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	0.08 0.10 0.12 0.18
RFV01U-D2A	A	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.01 1.14 1.28	0.07 0.09 0.11

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
						2" Ice	2.60	1.59	0.15
RFV01U-D2A	B	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	0.07 0.09 0.11 0.15
RFV01U-D2A	C	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	0.07 0.09 0.11 0.15
RXXDC-3315-PF-48	A	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.92 4.18 4.45 5.00	2.61 2.83 3.05 3.53	0.03 0.06 0.10 0.19
RXXDC-3315-PF-48	C	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.92 4.18 4.45 5.00	2.61 2.83 3.05 3.53	0.03 0.06 0.10 0.19
(3) 6' x 2" Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
(3) 6' x 2" Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
(3) 6' x 2" Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
Platform Mount [LP 713-1]	C	None		0.00	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	32.89 35.76 38.76 45.26	32.89 35.76 38.76 45.26	1.51 2.23 3.03 4.86
87									
APXVTM14-ALU-I20 w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
APXVTM14-ALU-I20 w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
APXVTM14-ALU-I20 w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
NNVV-65B-R4 w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.55 8.04 8.53 9.56	4.23 4.67 5.12 6.05	0.11 0.20 0.30 0.53
NNVV-65B-R4 w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.55 8.04 8.53 9.56	4.23 4.67 5.12 6.05	0.11 0.20 0.30 0.53
NNVV-65B-R4 w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice	7.55 8.04 8.53	4.23 4.67 5.12	0.11 0.20 0.30

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
						2" Ice	9.56	6.05	0.53
(2) RRH2X50-800	A	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.13 2.32 2.51 2.92	1.77 1.95 2.13 2.51	0.05 0.07 0.10 0.16
(2) RRH2X50-800	B	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.13 2.32 2.51 2.92	1.77 1.95 2.13 2.51	0.05 0.07 0.10 0.16
(2) RRH2X50-800	C	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.13 2.32 2.51 2.92	1.77 1.95 2.13 2.51	0.05 0.07 0.10 0.16
FZHN	A	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.03 2.21 2.39 2.79	0.62 0.73 0.84 1.10	0.05 0.06 0.08 0.12
FZHN	B	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.03 2.21 2.39 2.79	0.62 0.73 0.84 1.10	0.05 0.06 0.08 0.12
FZHN	C	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.03 2.21 2.39 2.79	0.62 0.73 0.84 1.10	0.05 0.06 0.08 0.12
PCS 1900MHZ 4X45W-65MHZ	A	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.32 2.53 2.74 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
PCS 1900MHZ 4X45W-65MHZ	B	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.32 2.53 2.74 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
PCS 1900MHZ 4X45W-65MHZ	C	From Centroid-Face	4.00 0.00 2.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.32 2.53 2.74 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
(2) 6' x 2" Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
(2) 6' x 2" Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
(2) 6' x 2" Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
Platform Mount [LP 303-1_KCKR-HR-1]	C	None		0.00	87.00	No Ice 1/2" Ice 1" Ice 2" Ice	28.31 35.69 43.11 58.21	28.31 35.69 43.11 58.21	1.77 2.30 2.94 4.60
71 AIR6449 B41	A	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice	5.28 5.71 6.15	2.05 2.38 2.72	0.10 0.14 0.19

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
						2" Ice	7.07	3.45	0.29
AIR6449 B41	B	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.28 5.71 6.15 7.07	2.05 2.38 2.72 3.45	0.10 0.14 0.19 0.29
AIR6449 B41	C	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.28 5.71 6.15 7.07	2.05 2.38 2.72 3.45	0.10 0.14 0.19 0.29
AIR21 B4A B2P_T-MOBILE	A	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.19 3.52 3.85 4.55	1.98 2.28 2.59 3.25	0.11 0.16 0.20 0.31
AIR21 B4A B2P_T-MOBILE	B	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.19 3.52 3.85 4.55	1.98 2.28 2.59 3.25	0.11 0.16 0.20 0.31
AIR21 B4A B2P_T-MOBILE	C	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.19 3.52 3.85 4.55	1.98 2.28 2.59 3.25	0.11 0.16 0.20 0.31
AIR 32 B2a/B66Aa	A	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.86 4.23 4.61 5.41	2.51 2.86 3.22 3.97	0.17 0.22 0.27 0.40
AIR 32 B2a/B66Aa	B	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.86 4.23 4.61 5.41	2.51 2.86 3.22 3.97	0.17 0.22 0.27 0.40
AIR 32 B2a/B66Aa	C	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.86 4.23 4.61 5.41	2.51 2.86 3.22 3.97	0.17 0.22 0.27 0.40
APXVAARR24_43-U-NA20_T-MOBILE	A	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.67 15.43 16.21 17.81	5.32 5.99 6.68 8.08	0.15 0.27 0.39 0.66
APXVAARR24_43-U-NA20_T-MOBILE	B	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.67 15.43 16.21 17.81	5.32 5.99 6.68 8.08	0.15 0.27 0.39 0.66
APXVAARR24_43-U-NA20_T-MOBILE	C	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.67 15.43 16.21 17.81	5.32 5.99 6.68 8.08	0.15 0.27 0.39 0.66
(2) RADIO 4449 B71 B85A_T-MOBILE	A	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.15 2.33 2.72	1.59 1.75 1.92 2.28	0.07 0.09 0.12 0.17
RADIO 4449 B71 B85A_T-MOBILE	B	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.15 2.33 2.72	1.59 1.75 1.92 2.28	0.07 0.09 0.12 0.17
(2) RRUS 4415 B25	A	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.33	0.68 0.79 0.91 1.18	0.04 0.06 0.07 0.11

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
RRUS 4415 B25	B	From Centroid-Face	4.00 0.00 2.00	0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.33	0.68 0.79 0.91 1.18	0.04 0.06 0.07 0.11
Platform Mount [LP 301-1_KCKR]	C	None		0.00	71.00	No Ice 1/2" Ice 1" Ice 2" Ice	35.03 44.46 53.72 72.29	35.03 44.46 53.72 72.29	1.86 2.52 3.33 5.42
50									
PD1142-1	A	From Leg	6.00 0.00 7.00	0.00	50.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.12 5.02 6.94 10.83	3.12 5.02 6.94 10.83	0.01 0.03 0.07 0.18
DB492A	A	From Leg	6.00 0.00 0.00	0.00	50.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.98 2.86 4.62	1.10 1.98 2.86 4.62	0.01 0.01 0.01 0.01
ASP-655	A	From Leg	6.00 0.00 4.00	0.00	50.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.56 1.02 1.30 1.88	0.56 1.02 1.30 1.88	0.00 0.01 0.01 0.04
PD1121-6	B	From Leg	6.00 0.00 3.00	0.00	50.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.23 0.41 0.60 0.97	0.23 0.41 0.60 0.97	0.00 0.00 0.00 0.01
Side Arm Mount [SO 702-1]	A	From Leg	3.00 0.00 0.00	0.00	50.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.62 0.74 0.89 1.25	1.49 2.07 2.54 3.55	0.03 0.04 0.06 0.12
Side Arm Mount [SO 702-1]	B	From Leg	3.00 0.00 0.00	0.00	50.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.62 0.74 0.89 1.25	1.49 2.07 2.54 3.55	0.03 0.04 0.06 0.12
40									
EPSILON GPS ANTENNA 35 DB	A	From Leg	4.00 0.00 1.00	0.00	40.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.11 0.16 0.21 0.34	0.11 0.16 0.21 0.34	0.00 0.00 0.00 0.01
Side Arm Mount [SO 701-1]	A	From Leg	2.00 0.00 0.00	0.00	40.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.85 1.14 1.43 2.01	1.67 2.34 3.01 4.35	0.07 0.08 0.09 0.12
30									
MX08FRO665-20 w/ Mount Pipe	A	From Centroid-Leg	4.00 0.00 0.00	0.00	30.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.10 0.18 0.28 0.51
MX08FRO665-20 w/ Mount Pipe	B	From Centroid-Leg	4.00 0.00 0.00	0.00	30.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.10 0.18 0.28 0.51
MX08FRO665-20 w/ Mount Pipe	C	From Centroid-Leg	4.00 0.00 0.00	0.00	30.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.10 0.18 0.28 0.51
TA08025-B604	A	From Centroid-Le	4.00 0.00	0.00	30.00	No Ice 1/2" Ice	1.96 2.14	0.98 1.11	0.06 0.08

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
		g	0.00			1" Ice	2.32	1.25	0.10
						2" Ice	2.71	1.55	0.15
TA08025-B604	B	From	4.00	0.00	30.00	No Ice	1.96	0.98	0.06
		Centroid-Le	0.00			1/2" Ice	2.14	1.11	0.08
		g	0.00			1" Ice	2.32	1.25	0.10
						2" Ice	2.71	1.55	0.15
TA08025-B604	C	From	4.00	0.00	30.00	No Ice	1.96	0.98	0.06
		Centroid-Le	0.00			1/2" Ice	2.14	1.11	0.08
		g	0.00			1" Ice	2.32	1.25	0.10
						2" Ice	2.71	1.55	0.15
TA08025-B605	A	From	4.00	0.00	30.00	No Ice	1.96	1.13	0.08
		Centroid-Le	0.00			1/2" Ice	2.14	1.27	0.09
		g	0.00			1" Ice	2.32	1.41	0.11
						2" Ice	2.71	1.72	0.16
TA08025-B605	B	From	4.00	0.00	30.00	No Ice	1.96	1.13	0.08
		Centroid-Le	0.00			1/2" Ice	2.14	1.27	0.09
		g	0.00			1" Ice	2.32	1.41	0.11
						2" Ice	2.71	1.72	0.16
TA08025-B605	C	From	4.00	0.00	30.00	No Ice	1.96	1.13	0.08
		Centroid-Le	0.00			1/2" Ice	2.14	1.27	0.09
		g	0.00			1" Ice	2.32	1.41	0.11
						2" Ice	2.71	1.72	0.16
RDIDC-9181-PF-48	A	From	4.00	0.00	30.00	No Ice	2.01	1.17	0.02
		Centroid-Le	0.00			1/2" Ice	2.19	1.31	0.04
		g	0.00			1" Ice	2.37	1.46	0.06
						2" Ice	2.76	1.78	0.11
Platform Mount [LP 716-1]	C	None		0.00	30.00	No Ice	26.80	26.80	1.51
						1/2" Ice	32.20	32.20	1.81
						1" Ice	37.60	37.60	2.11
						2" Ice	48.40	48.40	2.72
**									

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
GLF6-450	B	Grid	From	1.00	0.00		107.00	6.40	No Ice	32.17	0.20
			Leg	0.00					1/2" Ice	33.01	0.37
				0.00					1" Ice	33.86	0.54
									2" Ice	35.54	0.88
****											

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
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 Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	120 - 100	18.02	43	1.32	0.01
L2	100 - 47.0833	12.63	43	1.22	0.00
L3	52 - 0	3.23	43	0.59	0.00

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
119.00	DB809MT3-XT	43	17.75	1.32	0.01	23703
116.00	(2) SBNHH-1D65A w/ Mount Pipe	43	16.92	1.30	0.01	23703
107.00	GLF6-450	43	14.47	1.26	0.01	9116
100.00	(2) LPA-80080/6CF w/ Mount Pipe	43	12.63	1.22	0.00	6102
87.00	APXVTM14-ALU-I20 w/ Mount Pipe	43	9.48	1.09	0.00	4941
71.00	AIR6449 B41	43	6.17	0.87	0.00	4100
50.00	PD1142-1	43	2.99	0.56	0.00	3565
40.00	EPSILON GPS ANTENNA 35 DB	43	1.99	0.43	0.00	4432
30.00	MX08FRO665-20 w/ Mount Pipe	43	1.26	0.31	0.00	5910

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	120 - 100	90.12	10	6.59	0.03
L2	100 - 47.0833	63.24	10	6.10	0.02
L3	52 - 0	16.21	10	2.94	0.01

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
119.00	DB809MT3-XT	10	88.75	6.57	0.03	4955
116.00	(2) SBNHH-1D65A w/ Mount Pipe	10	84.62	6.52	0.03	4955
107.00	GLF6-450	10	72.40	6.32	0.02	1904
100.00	(2) LPA-80080/6CF w/ Mount Pipe	10	63.24	6.10	0.02	1271
87.00	APXVTM14-ALU-I20 w/ Mount Pipe	10	47.50	5.44	0.01	1016
71.00	AIR6449 B41	10	30.96	4.34	0.01	831
50.00	PD1142-1	10	15.01	2.80	0.01	713
40.00	EPSILON GPS ANTENNA 35 DB	10	9.97	2.15	0.00	885
30.00	MX08FRO665-20 w/ Mount Pipe	10	6.29	1.56	0.00	1178

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	120 - 100 (1)	TP20.26x15.4x0.19	20.00	0.00	0.0	12.12	-6.02	709.05	0.008
L2	100 - 47.0833 (2)	TP33.13x20.26x0.28	52.92	0.00	0.0	28.67	-23.98	1676.96	0.014
L3	47.0833 - 0 (3)	TP44x31.37x0.38	52.00	0.00	0.0	52.68	-40.77	3081.62	0.013

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	120 - 100 (1)	TP20.26x15.4x0.19	111.58	332.31	0.336	0.00	332.31	0.000
L2	100 - 47.0833 (2)	TP33.13x20.26x0.28	1020.92	1213.13	0.842	0.00	1213.13	0.000
L3	47.0833 - 0 (3)	TP44x31.37x0.38	2407.84	3026.69	0.796	0.00	3026.69	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	120 - 100 (1)	TP20.26x15.4x0.19	7.81	212.72	0.037	0.86	375.64	0.002
L2	100 - 47.0833 (2)	TP33.13x20.26x0.28	23.69	503.09	0.047	0.76	1400.75	0.001
L3	47.0833 - 0 (3)	TP44x31.37x0.38	29.09	924.49	0.031	2.28	3547.60	0.001

Pole Interaction Design Data

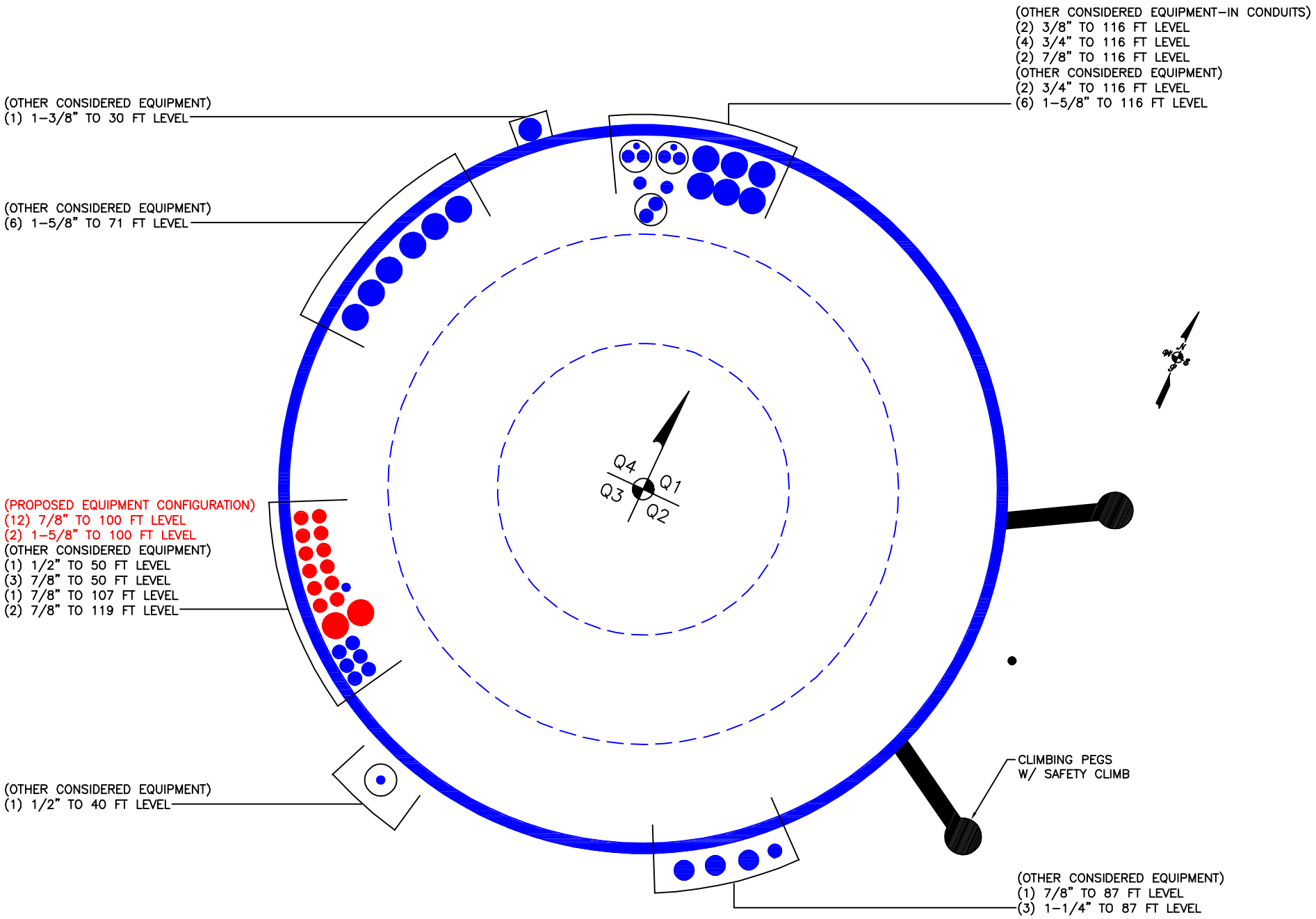
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	120 - 100 (1)	0.008	0.336	0.000	0.037	0.002	0.346	1.050	4.8.2
L2	100 - 47.0833 (2)	0.014	0.842	0.000	0.047	0.001	0.858	1.050	4.8.2
L3	47.0833 - 0 (3)	0.013	0.796	0.000	0.031	0.001	0.810	1.050	4.8.2

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	120 - 100	Pole	TP20.26x15.4x0.19	1	-6.02	744.51	32.9	Pass
L2	100 - 47.0833	Pole	TP33.13x20.26x0.28	2	-23.98	1760.81	81.7	Pass
L3	47.0833 - 0	Pole	TP44x31.37x0.38	3	-40.77	3235.70	77.1	Pass
							Summary	
						Pole (L2)	81.7	Pass
						RATING =	**81.7**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT-IN CONDUITS)
(2) 3/8" TO 116 FT LEVEL
(4) 3/4" TO 116 FT LEVEL
(2) 7/8" TO 116 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(2) 3/4" TO 116 FT LEVEL
(6) 1-5/8" TO 116 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1-3/8" TO 30 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(6) 1-5/8" TO 71 FT LEVEL
(PROPOSED EQUIPMENT CONFIGURATION)
(12) 7/8" TO 100 FT LEVEL
(2) 1-5/8" TO 100 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 50 FT LEVEL
(3) 7/8" TO 50 FT LEVEL
(1) 7/8" TO 107 FT LEVEL
(2) 7/8" TO 119 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 40 FT LEVEL
Q4
Q1
Q3
Q2
CLIMBING PEGS
W/ SAFETY CLIMB
(OTHER CONSIDERED EQUIPMENT)
(1) 7/8" TO 87 FT LEVEL
(3) 1-1/4" TO 87 FT LEVEL

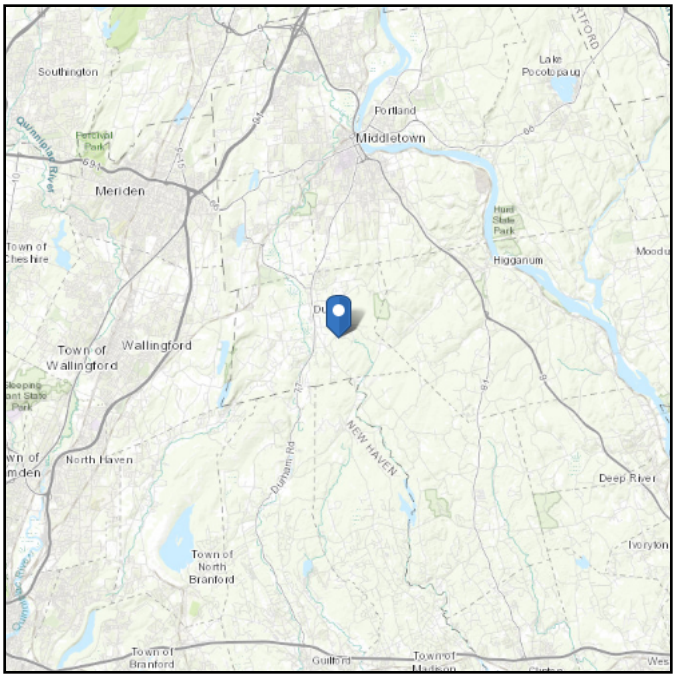
APPENDIX C

ADDITIONAL CALCULATIONS

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-10	**Elevation:**	511.24 ft (NAVD 88)
Risk Category:	II	**Latitude:**	41.459353
Soil Class:	D - Stiff Soil	**Longitude:**	-72.662731



Wind

Results:

Wind Speed:	126 Vmph
10-year MRI	78 Vmph
25-year MRI	87 Vmph
50-year MRI	95 Vmph
100-year MRI	103 Vmph

Wind speed updated per local jurisdiction requirements

Data Source: ASCE/SEI 7-10, Fig. 26.5-1A and Figs. CC-1–CC-4, and Section 26.5.2, incorporating errata of March 12, 2014

Date Accessed: Thu Apr 29 2021

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-10 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-10 Section 26.2. Glazed openings need not be protected against wind-borne debris.

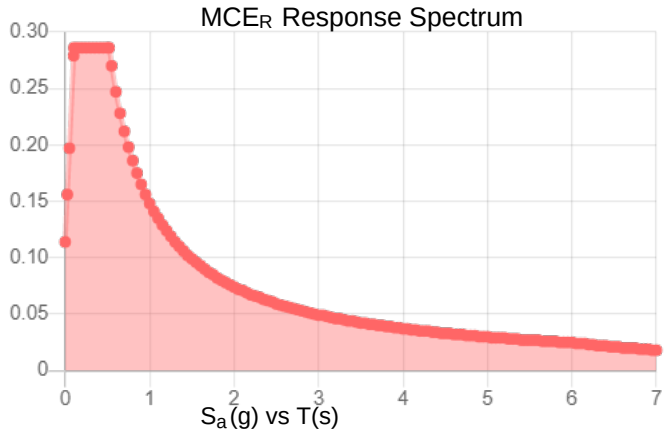
Seismic

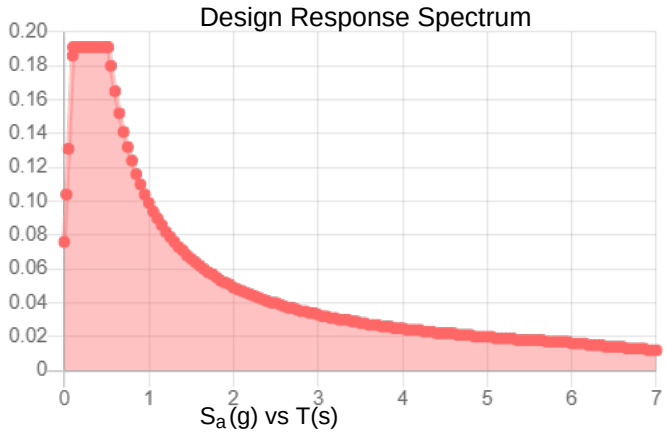
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.179	S_{DS} :	0.191
S_1 :	0.062	S_{D1} :	0.099
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.091
S_{MS} :	0.286	PGA_M :	0.146
S_{M1} :	0.148	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Thu Apr 29 2021

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

Ice

Results:

Ice Thickness:	0.75 in.
Concurrent Temperature:	15 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Thu Apr 29 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.

Monopole Flange Plate Connection

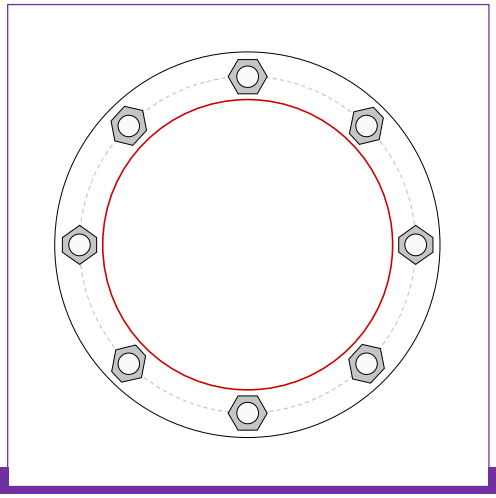
Elevation = 100 ft.

BU #	806364
Site Name	HRT 106(B) 943202
Order #	552637 Rev. 0
TIA-222 Revision	H

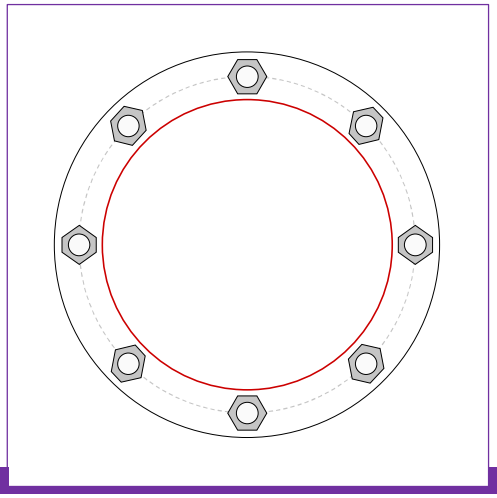
Applied Loads	
Moment (kip-ft)	111.58
Axial Force (kips)	6.02
Shear Force (kips)	7.81

*TIA-222-H Section 15.5 Applied

Top Plate - External



Bottom Plate - External



Connection Properties

Bolt Data

(8) 1-1/2" ø bolts (A325 N; Fy=81 ksi, Fu=120 ksi) on 23.5" BC

Top Plate Data

26.91" OD x 1.5" Plate (A572-50; Fy=50 ksi, Fu=65 ksi)

Bottom Plate Data

26.91" OD x 1.5" Plate (A572-50; Fy=50 ksi, Fu=65 ksi)

Top Stiffener Data

N/A

Bottom Stiffener Data

N/A

Top Pole Data

20.263" x 0.1875" 12-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Bottom Pole Data

20.263" x 0.28125" 12-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Bolt Capacity

Max Load (kips)	27.69	
Allowable (kips)	126.89	
Stress Rating:	20.8%	Pass

Top Plate Capacity

Max Stress (ksi):	7.06	(Flexural)
Allowable Stress (ksi):	45.00	
Stress Rating:	14.9%	Pass
Tension Side Stress Rating:	4.8%	Pass

Bottom Plate Capacity

Max Stress (ksi):	7.06	(Flexural)
Allowable Stress (ksi):	45.00	
Stress Rating:	14.9%	Pass
Tension Side Stress Rating:	4.8%	Pass

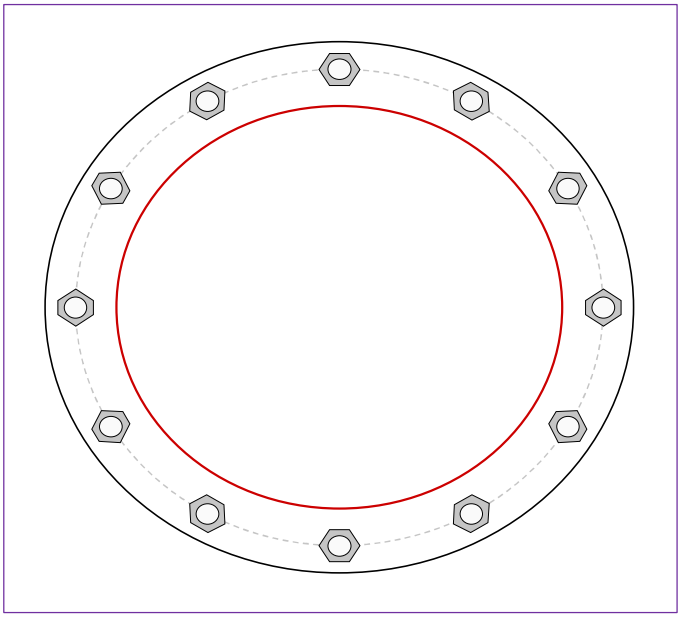
Monopole Base Plate Connection

Site Info	
BU #	806364
Site Name	HRT 106(B) 943202
Order #	552637 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	0

Applied Loads	
Moment (kip-ft)	2407.84
Axial Force (kips)	40.77
Shear Force (kips)	29.09

*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 52.05" BC

Base Plate Data

58.05" OD x 2.75" Plate (S-128; Fy=60 ksi, Fu=80 ksi)

Stiffener Data

N/A

Pole Data

44" x 0.375" 12-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 181.5	ϕPn_t = 243.75	Stress Rating
Vu = 2.42	ϕVn = 149.1	70.9%
Mu = n/a	ϕMn = n/a	Pass

Base Plate Summary

Max Stress (ksi):	21.73	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	38.3%	Pass

Pier and Pad Foundation

BU # :	806364
Site Name:	HRT 106(B) 94320
App. Number:	552637 Rev. 0

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp}:	41	kips
Base Shear, Vu_comp:	29	kips
Moment, M_u:	2408	ft-kips
Tower Height, **H**:	120	ft
BP Dist. Above Fdn, bp_{dist}:	2.25	in
Bolt Circle / Bearing Plate Width, **BC**:	52.05	in

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	300.91	29.00	**9.2%**	**Pass**
Bearing Pressure (ksf)	6.00	1.69	**26.8%**	**Pass**
*Overturning (kip*ft)*	7220.37	2587.44	**35.8%**	**Pass**
*Pad Flexure (kip*ft)*	12270.43	1082.14	**8.4%**	**Pass**
Pad Shear - 1-way (kips)	2025.13	106.35	**5.0%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.190	0.001	**0.7%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	16228.24	0.00	**0.0%**	**Pass**

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

Soil Rating*:	**35.8%**
Structural Rating*:	**8.4%**

Pad Properties		
Depth, **D**:	6	ft
Pad Width, W_1:	27	ft
Pad Thickness, **T**:	6	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	11	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	27	
Pad Clear Cover, cc_{pad}:	4	in

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

Soil Properties		
Total Soil Unit Weight, γ:	125	pcf
Ultimate Gross Bearing, Qult:	8.000	ksf
Cohesion, **Cu**:		ksf
Friction Angle, φ:	34	degrees
SPT Blow Count, N_{blows}:	25	
Base Friction, μ:		
Neglected Depth, **N**:	3.50	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	N/A	ft

<--Toggle between Gross and Net

Exhibit E

Mount Analysis

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

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10046607
Maser Consulting Connecticut Project #: 21777320A

April 28, 2021

Site Information	*Site ID:*	*467765-VZW / DURHAM CT*
	Site Name:	*DURHAM CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*101 Old Blue Hill Rd* *Durham, Connecticut 06422* *Middlesex County*
	Latitude:	*41.459353°*
	Longitude:	*-72.662731°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.67-Ft Platform*

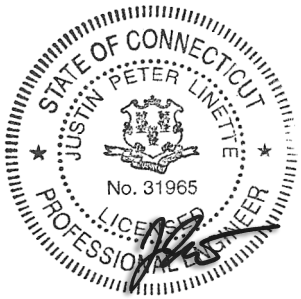
FUZE ID # 16271931

Analysis Results

Platform: **97.5% 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: Evelina Lopez



Digitally signed by Justin Linette
Date: 2021.04.29 16:02:26-04'00'

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: 323743, dated February 9, 2021*
Mount Mapping Report	*Roaming Networks Inc., Site #: 467765, dated March 24, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.982
Seismic Parameters:	S_S:	0.211
	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
96.5	100.0	3	Samsung	MT6407-77A	Added
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		6	Andrew	SBNHH-1D65B	Retained
		6	Antel	LPA-80080/6CF	
		2	Raycap	RRFDC-3315-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	*81.1%*	*Pass*
Standoff	*80.3%*	*Pass*
Standoff Brace	*70.9%*	*Pass*
Standoff Tab	*97.5%*	*Pass*
Corner Plate	*35.0%*	*Pass*
Support Rail	*38.2%*	*Pass*
Support Rail Plate	*12.0%*	*Pass*
Mount Pipe 2.0X	*34.0%*	*Pass*
Mount Pipe	*32.7%*	*Pass*
Mount Connection	*89.0%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**97.5%**

Recommendation:

The existing mounts are **SUFFICIENT** for the final loading configuration and do not require modifications.

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

Attachments:

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


03/24/2021 15:59:01
-72.66274197222222, 41.459431
DURHAM CT


03/24/2021 17:05:25
-72.66253297222222, 41.459432972222224
DURHAM CT

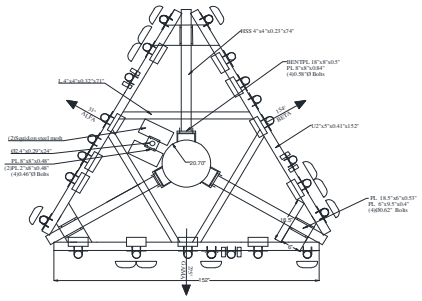
V3.0 Updated on 8-31-2020

PAUL J. FORD & COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

FCC #
N/A

Tower Owner:	CCI	**Mapping Date:**	3.24.2021.
Site Name:	CCI: HRT 106(B), VZW: DURHAM CT	**Tower Type:**	Monopole
Site Number or ID:	467765	**Tower Height (Ft.):**	N/A
Mapping Contractor:	Roaming Networks Inc.	**Mount Elevation (Ft.):**	99.27



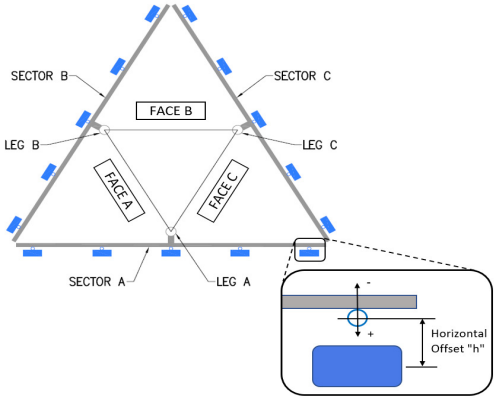
OVERALL MOUNT SCHEMATIC

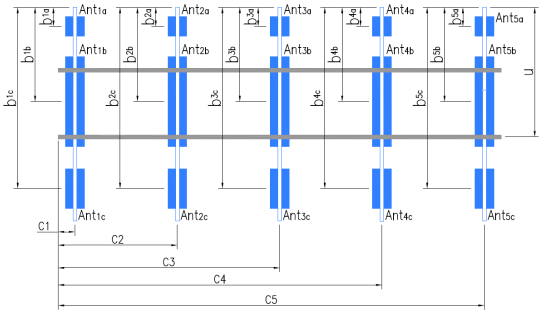
Mount Pipe Configuration and Geometries [Unit = Inches]

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				C1			
A2				C2			
A3				C3			
A4				C4			
A5				C5			
A6				C6			
B1				D1			
B2				D2			
B3				D3			
B4				D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
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.):	20.7



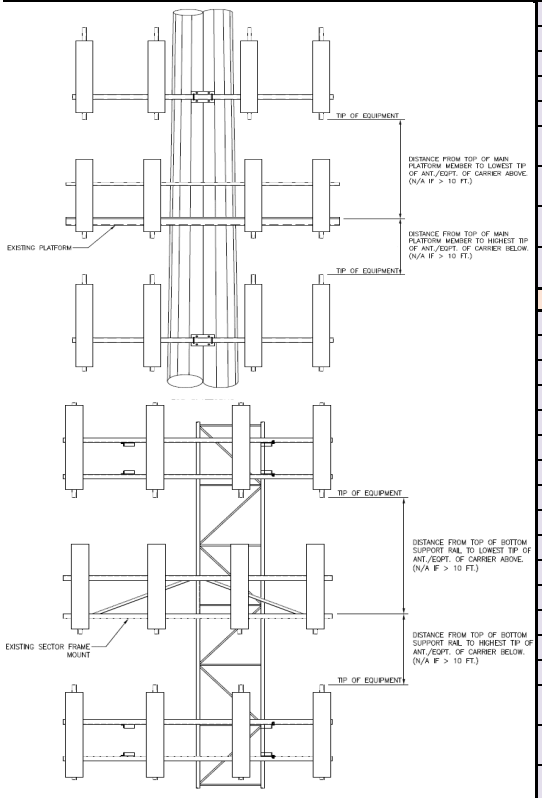


Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
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										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	31.00	Deg	Leg A:		Deg
Sector B:	154.00	Deg	Leg B:		Deg
Sector C:	275.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	154.00	Deg	Sector B
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
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	(2)RRFDC-3315-PF-48	15.73	10.30	28.93						
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
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										
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	Pipe movement	191
2	Bolt missing	189
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.

				Enter antenna model. If not labeled, enter "Unknown".				Mounting Locations [Units are inches and degrees]			Photos of antennas
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Vertical Distances "b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
A1	PIPE 2.4"Ø x0.23"x60"	49.00	6.00	LPA80080/6CF-E-DIN	5.50	13.20	70.90			31	
A1											
A2	PIPE 2.4"Øx0.19"x72"	55.00	30.50								
A2				B66a RRH 4x45	11.80	7.18	25.80	25			214,215
A3	PIPE 2.4"Ø x0.23"x60"	49.00	46.50								
A3				AHCA	18.00	9.00	15.00	17			212,213
A4	PIPE 2.3"Øx0.16"x69"	59.50	53.00								
A4											
A5	PIPE 2.4"Ø x0.23"x60"	49.00	76.00								
A5				B13 RRH 4x30	11.80	7.50	20.90	18			216,217
A6	PIPE 2.4"Ø x0.23"x60"	49.00	99.00								
A6				(2)FDJ85020Q4-S1	16.90	6.30	6.80	23			218,219
A7	PIPE 2.4"Øx0.19"x72"	55.00	121.00	(2)SBNHH-1D65B	11.85	7.09	96.58	24	13.5	31	223,225
A7				B25 RRH 4x30	11.97	7.18	21.20	18.5			226,227
A8	PIPE 2.4"Ø x0.23"x60"	49.00	146.00	LPA80080/6CF-E-DIN	5.50	13.20	70.90	32	14	31	228,229
A8											
B1	PIPE 2.4"Ø x0.23"x60"	49.00	6.00	LPA80080/6CF-E-DIN	5.50	13.20	70.90			154	
B1											
B2	PIPE 2.4"Øx0.19"x72"	55.00	30.50								
B2				B66a RRH 4x45	11.80	7.18	25.80	25			214,215
B3	PIPE 2.4"Ø x0.23"x60"	49.00	46.50								
B3				AHCA	18.00	9.00	15.00	17			212,213
B4	PIPE 2.3"Øx0.16"x69"	59.50	53.00								
B4											
B5	PIPE 2.4"Ø x0.23"x60"	49.00	76.00								
B5				B13 RRH 4x30	11.80	7.50	20.90	18			216,217
B6	PIPE 2.4"Ø x0.23"x60"	49.00	99.00								
B6				(2)FDJ85020Q4-S1	16.90	6.30	6.80	23			218,219
B7	PIPE 2.4"Øx0.19"x72"	55.00	121.00	(2)SBNHH-1D65B	11.85	7.09	96.58	24	13.5	154	223,225
B7				B25 RRH 4x30	11.97	7.18	21.20	18.5			226,227
A8	PIPE 2.4"Ø x0.23"x60"	49.00	146.00	LPA80080/6CF-E-DIN	5.50	13.20	70.90	32	14	154	228,229
A8											
C1	PIPE 2.4"Ø x0.23"x60"	49.00	6.00	LPA80080/6CF-E-DIN	5.50	13.20	70.90	27.5	15	275	10,11
C1											
C2	PIPE 2.4"Øx0.19"x72"	55.00	30.50								
C2				B25 RRH 4x30	11.97	7.18	21.20	9.5			12,13
C3	PIPE 2.4"Ø x0.23"x60"	49.00	46.50								
C3				(2)FDJ85020Q4-S1	16.90	6.30	6.80	24			4,5,6
C4	PIPE 2.3"Øx0.16"x69"	59.50	53.00	LPA80080/6CF-E-DIN	5.50	13.20	70.90	39	15	275	7,8,9
C4											
C5	PIPE 2.4"Ø x0.23"x60"	49.00	76.00								
C5				AHCA	18.00	9.00	15.00	16			14,15
C6	PIPE 2.4"Øx0.19"x72"	55.00	121.00	(2)SBNHH-1D65B	11.85	7.09	96.58	25.5	14	275	16,17,18
C6				B66a RRH 4x45	11.80	7.18	25.80	18.5			19,20
C7	PIPE 2.4"Øx0.23"x60"	49.00	146.00	B13 RRH 4x30	11.80	7.50	20.90	25			21,22,23
C5											
C5											
C6											
C6											
C7											
C7											

V3.0 Updated on 8-31-2020

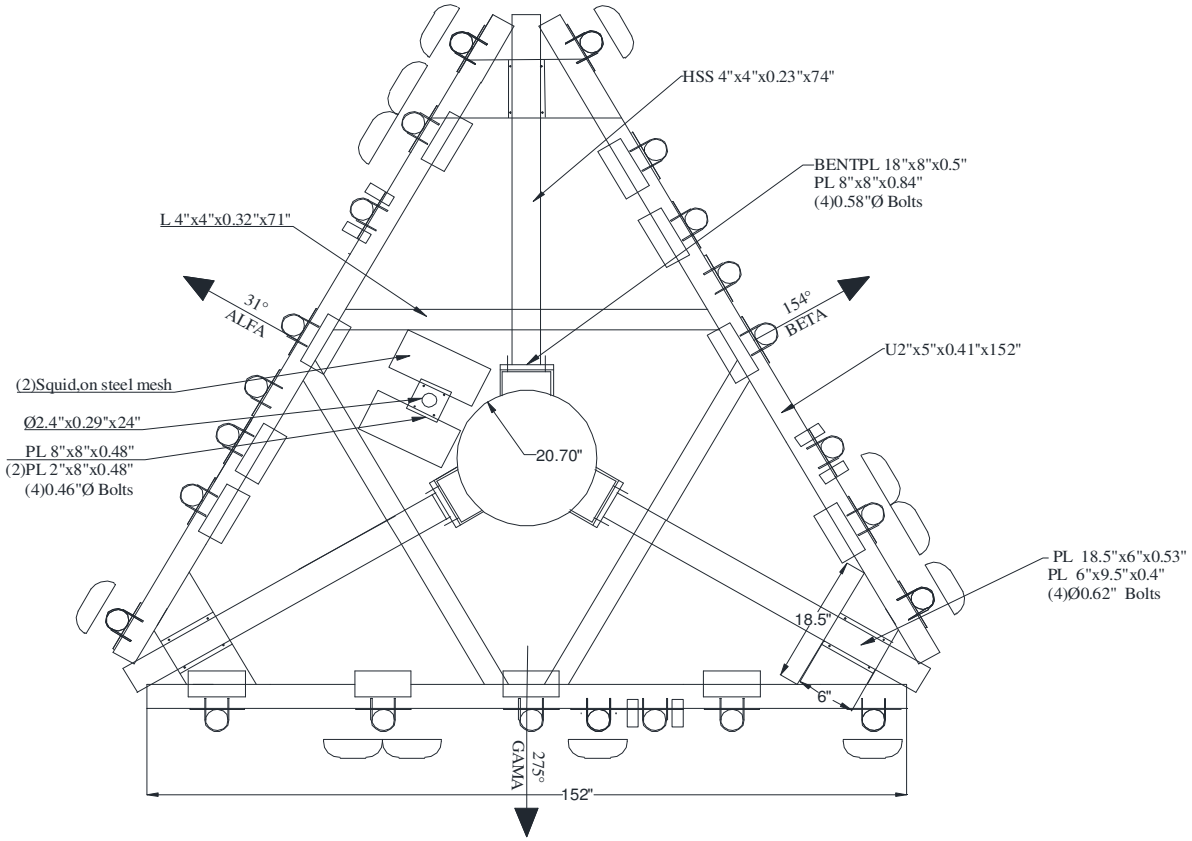
PAUL J. FORD & COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

FCC #
N/A

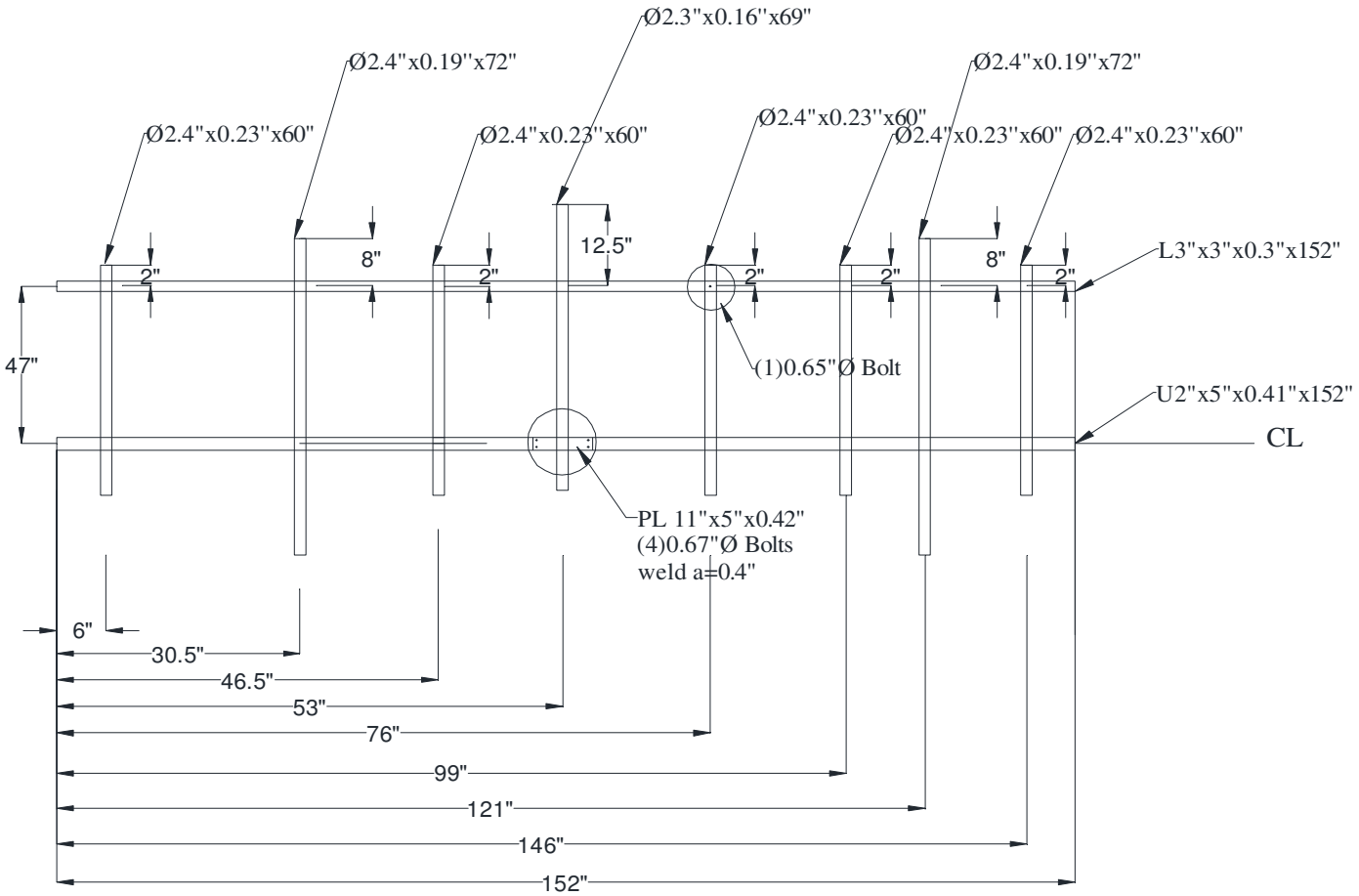
Tower Owner:	CCI	**Mapping Date:**	3.24.2021.
Site Name:	CCI: HRT 106(B), VZW: DURHAM CT	**Tower Type:**	Monopole
Site Number or ID:	467765	**Tower Height (Ft.):**	N/A
Mapping Contractor:	Roaming Networks Inc.	**Mount Elevation (Ft.):**	99.27

Please Insert Sketches of the Antenna Mount



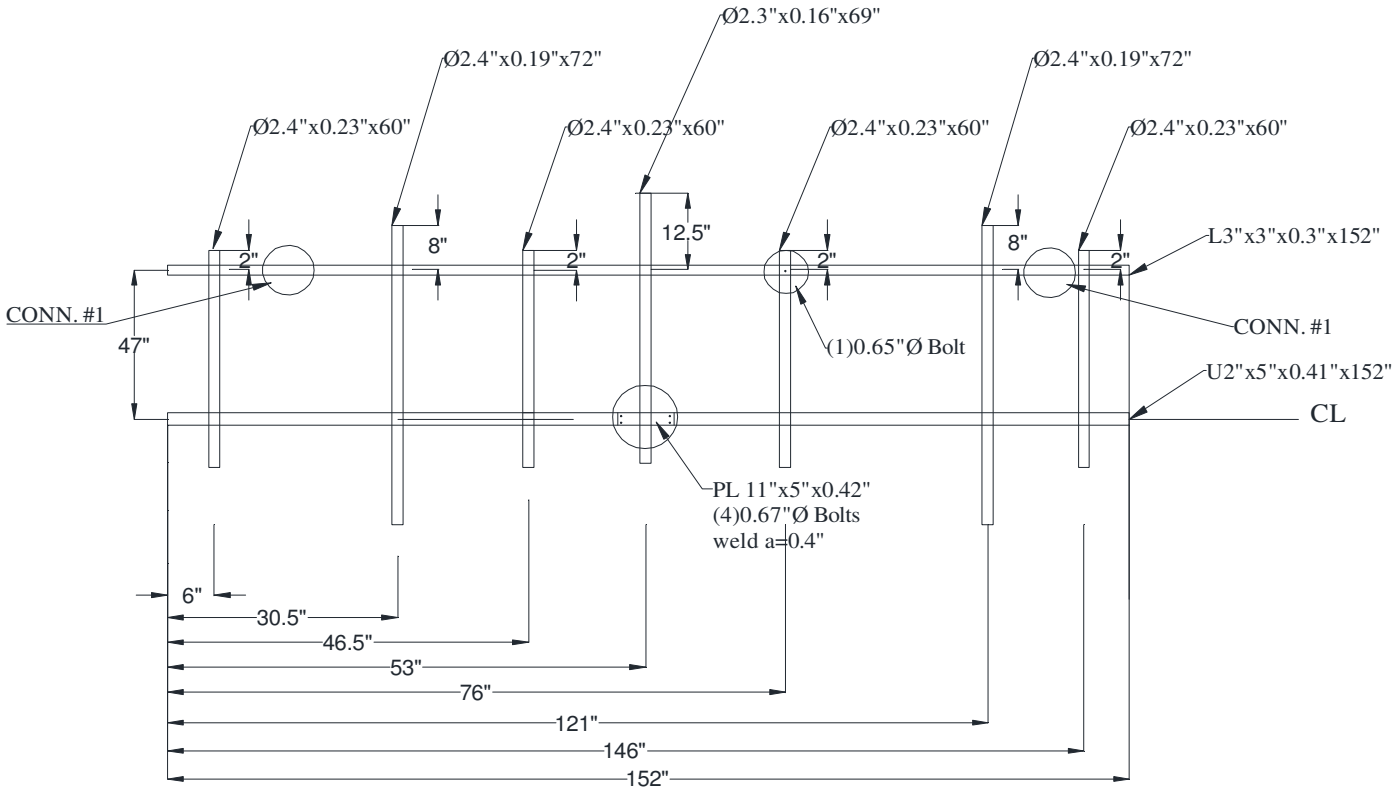
OVERALL MOUNT SCHEMATIC

Please Insert Sketches of the Antenna Mount, cont'd

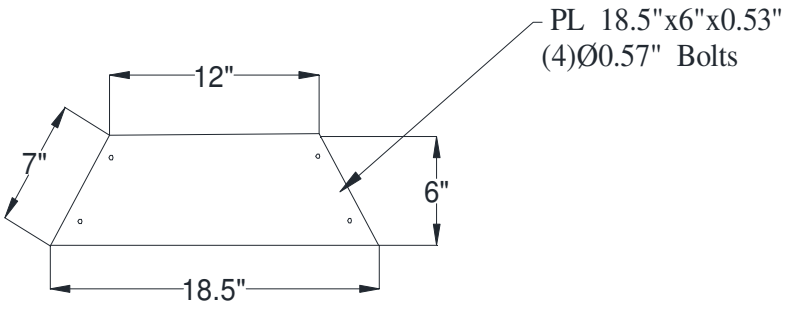


SECTOR A, B

Please Insert Sketches of the Antenna Mount, cont'd



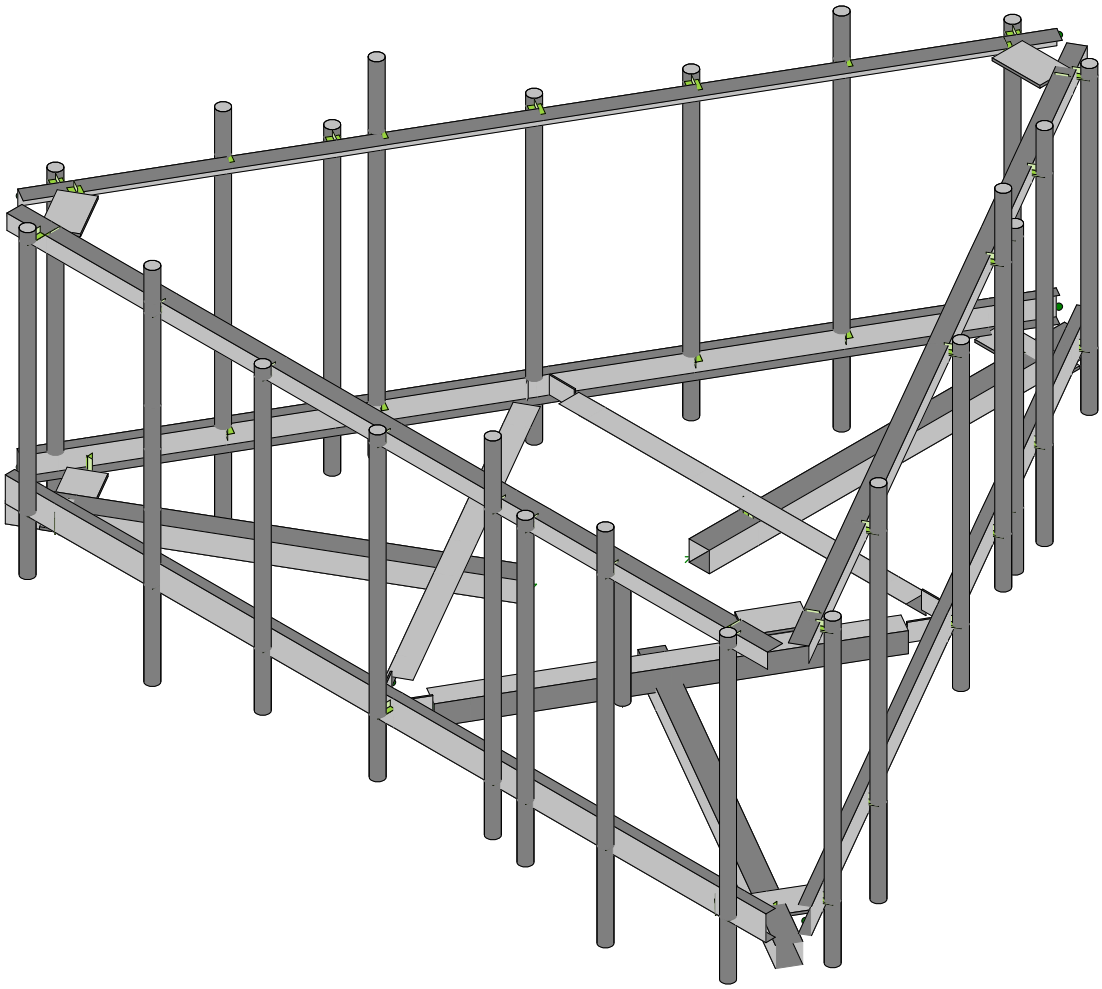
SECTOR C



CONN#1

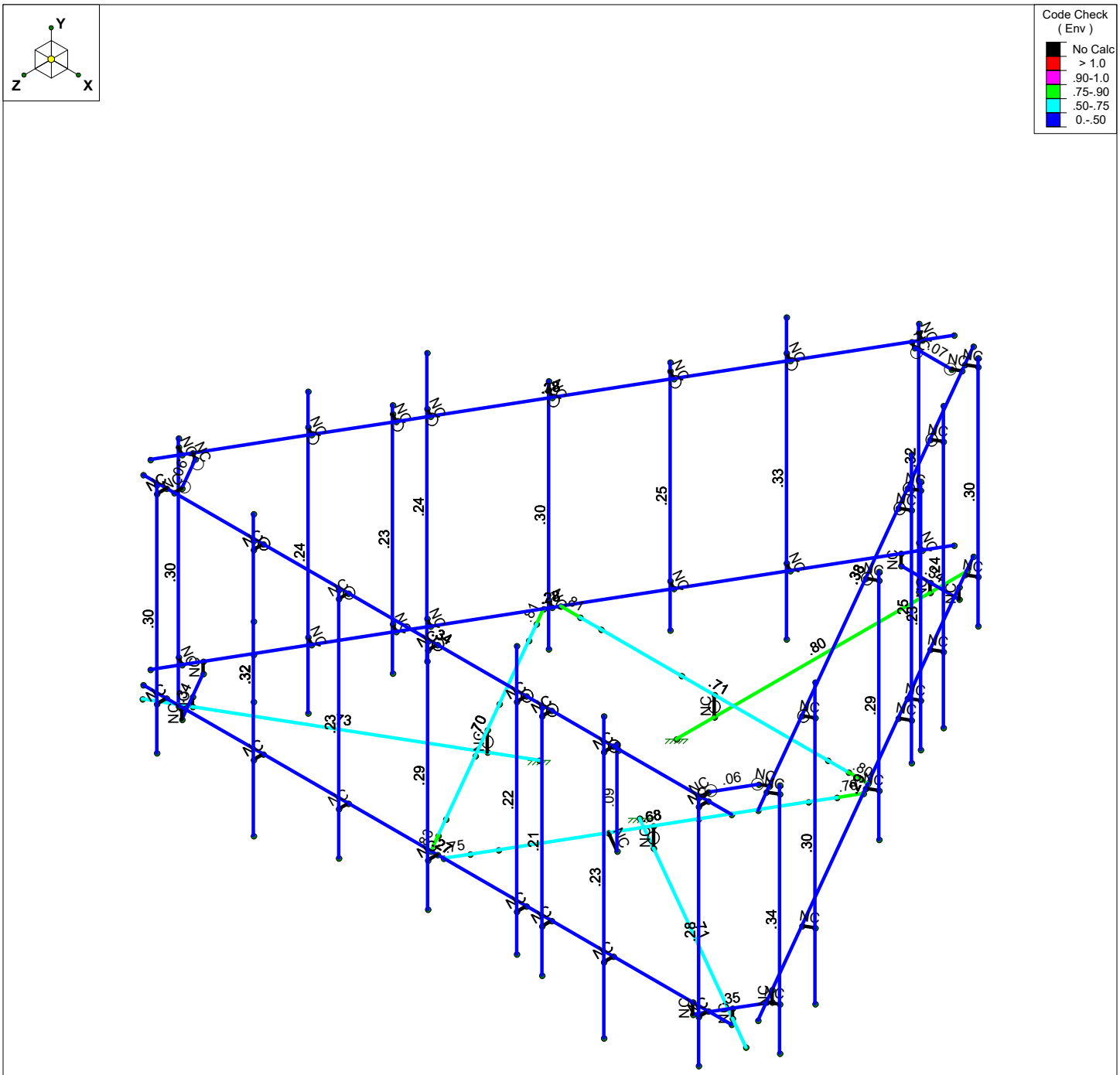
Please Insert Sketches of the Antenna Mount, cont'd

Please Insert Sketches of the Antenna Mount, cont'd



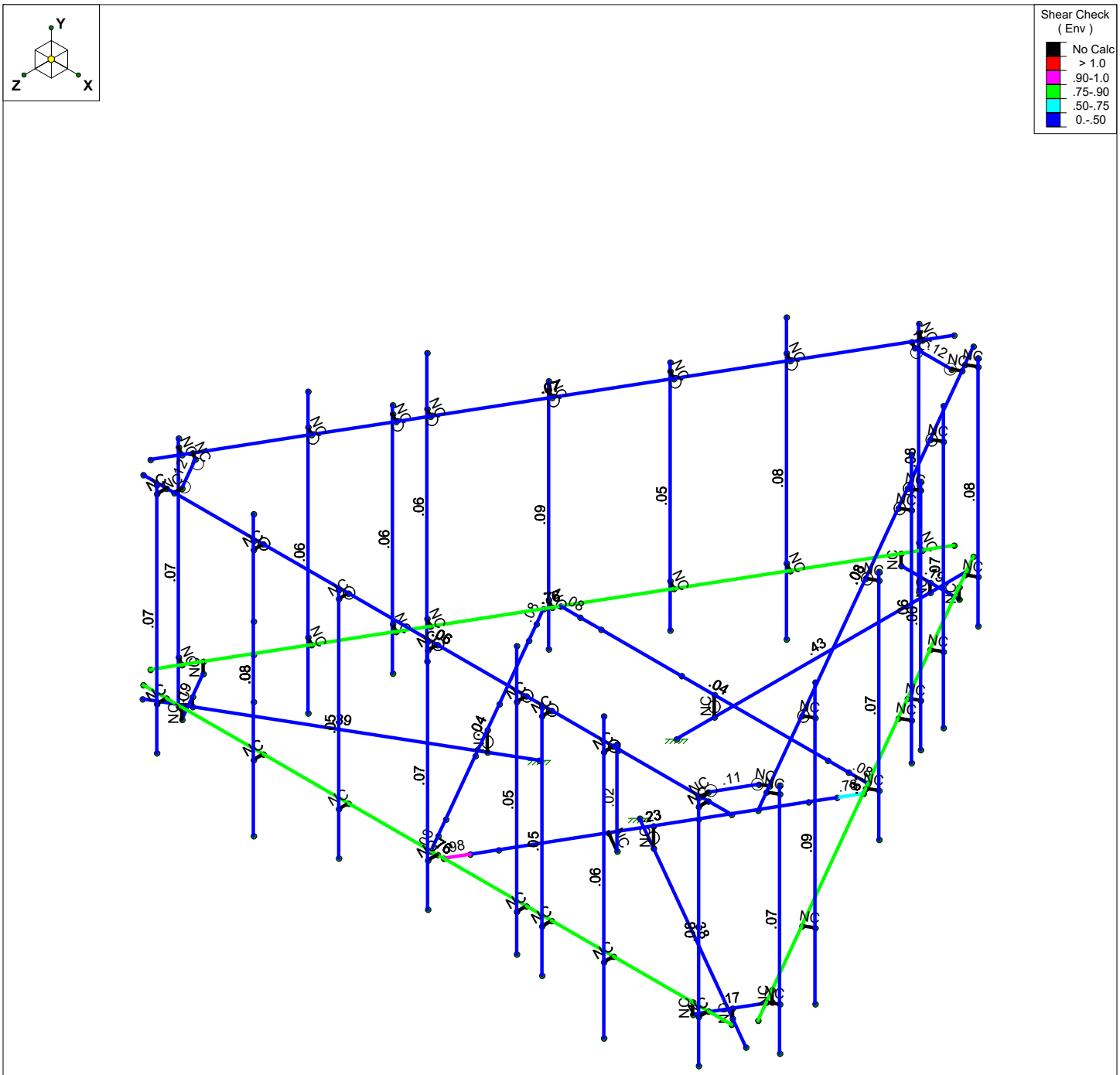
Envelope Only Solution

		SK - 1
		Apr 28, 2021 at 10:17 AM
		467765-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		Apr 28, 2021 at 10:18 AM
		467765-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		Apr 28, 2021 at 10:18 AM
		467765-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					114			
2	Antenna Di	None					114			
3	Antenna Wo (0 Deg)	None					114			
4	Antenna Wo (30 Deg)	None					114			
5	Antenna Wo (60 Deg)	None					114			
6	Antenna Wo (90 Deg)	None					114			
7	Antenna Wo (120 Deg)	None					114			
8	Antenna Wo (150 Deg)	None					114			
9	Antenna Wo (180 Deg)	None					114			
10	Antenna Wo (210 Deg)	None					114			
11	Antenna Wo (240 Deg)	None					114			
12	Antenna Wo (270 Deg)	None					114			
13	Antenna Wo (300 Deg)	None					114			
14	Antenna Wo (330 Deg)	None					114			
15	Antenna Wi (0 Deg)	None					114			
16	Antenna Wi (30 Deg)	None					114			
17	Antenna Wi (60 Deg)	None					114			
18	Antenna Wi (90 Deg)	None					114			
19	Antenna Wi (120 Deg)	None					114			
20	Antenna Wi (150 Deg)	None					114			
21	Antenna Wi (180 Deg)	None					114			
22	Antenna Wi (210 Deg)	None					114			
23	Antenna Wi (240 Deg)	None					114			
24	Antenna Wi (270 Deg)	None					114			
25	Antenna Wi (300 Deg)	None					114			
26	Antenna Wi (330 Deg)	None					114			
27	Antenna Wm (0 Deg)	None					114			
28	Antenna Wm (30 Deg)	None					114			
29	Antenna Wm (60 Deg)	None					114			
30	Antenna Wm (90 Deg)	None					114			
31	Antenna Wm (120 Deg)	None					114			
32	Antenna Wm (150 Deg)	None					114			
33	Antenna Wm (180 Deg)	None					114			
34	Antenna Wm (210 Deg)	None					114			
35	Antenna Wm (240 Deg)	None					114			
36	Antenna Wm (270 Deg)	None					114			
37	Antenna Wm (300 Deg)	None					114			
38	Antenna Wm (330 Deg)	None					114			
39	Structure D	None		-1					3	
40	Structure Di	None						48	3	
41	Structure Wo (0 Deg)	None						96		
42	Structure Wo (30 Deg)	None						96		
43	Structure Wo (60 Deg)	None						96		
44	Structure Wo (90 Deg)	None						96		
45	Structure Wo (120 D...	None						96		
46	Structure Wo (150 D...	None						96		
47	Structure Wo (180 D...	None						96		
48	Structure Wo (210 D...	None						96		
49	Structure Wo (240 D...	None						96		
50	Structure Wo (270 D...	None						96		
51	Structure Wo (300 D...	None						96		
52	Structure Wo (330 D...	None						96		
53	Structure Wi (0 Deg)	None						96		
54	Structure Wi (30 Deg)	None						96		
55	Structure Wi (60 Deg)	None						96		
56	Structure Wi (90 Deg)	None						96		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						96		
58	Structure Wi (150 De...	None						96		
59	Structure Wi (180 De...	None						96		
60	Structure Wi (210 De...	None						96		
61	Structure Wi (240 De...	None						96		
62	Structure Wi (270 De...	None						96		
63	Structure Wi (300 De...	None						96		
64	Structure Wi (330 De...	None						96		
65	Structure Wm (0 Deg)	None						96		
66	Structure Wm (30 De...	None						96		
67	Structure Wm (60 De...	None						96		
68	Structure Wm (90 De...	None						96		
69	Structure Wm (120 D...	None						96		
70	Structure Wm (150 D...	None						96		
71	Structure Wm (180 D...	None						96		
72	Structure Wm (210 D...	None						96		
73	Structure Wm (240 D...	None						96		
74	Structure Wm (270 D...	None						96		
75	Structure Wm (300 D...	None						96		
76	Structure Wm (330 D...	None						96		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						53		
82	BLC 40 Transient Are...	None						53		

Load Combinations

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

Load Combinations (Continued)

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

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N141A	6.333334	0	3.897114	0	
2	N142A	-6.333333	0	3.897114	0	
3	N152B	0.	0	-0.	0	
4	N153A	0.	-0.416667	-1.25	0	
5	N154A	0.	-0.416667	-7.5	0	
6	N155	0.135417	0	3.897114	0	
7	N156	-0.135416	0	3.897114	0	
8	N158	3.307292	0	-2.065832	0	
9	N159	3.442708	0	-1.831284	0	
10	N161	-3.442708	0	-1.831282	0	
11	N162	-3.307292	0	-2.065831	0	
12	N161B	-2.890625	0	-2.065831	0	
13	N162A	2.890625	0	-2.065832	0	
14	N163	0.	0	-2.065831	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N164	0.	-0.416667	-2.065831	0	
16	N168	0.625463	0	-6.710895	0	
17	N169	-0.625462	0	-6.710895	0	
18	N168A	0.	-0.229167	-6.710895	0	
19	N169A	0.625463	-0.229167	-6.710895	0	
20	N170	-0.625462	-0.229167	-6.710895	0	
21	N170A	0.	-0.416667	-6.710895	0	
22	N171	-1.082532	-0.416667	0.625	0	
23	N172	-6.495191	-0.416667	3.75	0	
24	N175	-0.34375	0	3.53627	0	
25	N176	-3.234375	0	-1.470439	0	
26	N177	-1.789062	0	1.032916	0	
27	N178	-1.789062	-0.416667	1.032916	0	
28	N179	-6.124537	0	2.813781	0	
29	N180	-5.499075	0	3.897114	0	
30	N181	-5.811806	-0.229167	3.355448	0	
31	N182	-6.124538	-0.229167	2.813781	0	
32	N183	-5.499075	-0.229167	3.897114	0	
33	N184	-5.811806	-0.416667	3.355448	0	
34	N185	1.082532	-0.416667	0.625	0	
35	N186	6.495191	-0.416667	3.75	0	
36	N189	3.234375	0	-1.470439	0	
37	N190	0.34375	0	3.53627	0	
38	N191	1.789062	0	1.032916	0	
39	N192	1.789062	-0.416667	1.032916	0	
40	N193	5.499074	0	3.897114	0	
41	N194	6.124538	0	2.813781	0	
42	N195	5.811806	-0.229167	3.355448	0	
43	N196	5.499074	-0.229167	3.897115	0	
44	N197	6.124537	-0.229167	2.813781	0	
45	N198	5.811806	-0.416667	3.355448	0	
46	N198A	6.333334	3.916667	3.897114	0	
47	N199	-6.333333	3.916667	3.897114	0	
48	N210	0.541747	3.916667	-6.855896	0	
49	N211	-0.541747	3.916667	-6.855896	0	
50	N209A	-6.208253	3.916667	2.958781	0	
51	N210A	-5.666506	3.916667	3.897114	0	
52	N211A	5.666506	3.916667	3.897114	0	
53	N212	6.208253	3.916667	2.958781	0	
54	N214	5.833334	3.916667	3.897114	0	
55	N215A	5.833334	0	3.897114	0	
56	N219A	5.833334	3.916667	4.105448	0	
57	N223A	5.833334	0	4.105448	0	
58	N140	-1.434455	0	1.647114	0	
59	N141	-0.568429	0	3.147114	0	
60	N142	1.434455	0	1.647114	0	
61	N143	0.56843	0	3.147114	0	
62	N138	2.14367	0	0.418717	0	
63	N139	3.009695	0	-1.081283	0	
64	N141B	2.441266	0	-2.065832	0	
65	N142B	-0.709215	0	-2.065831	0	
66	N143A	-2.441266	0	-2.065831	0	
67	N144	-2.14367	0	0.418717	0	
68	N145	-3.009696	0	-1.081283	0	
69	N142C	0.208334	0	-7.433385	0	
70	N143B	6.541667	0	3.53627	0	
71	N145A	-6.541666	0	3.53627	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N146	-0.208333	0	-7.433385	0	
73	N143C	0.208334	3.916667	-7.433385	0	
74	N144A	6.541667	3.916667	3.53627	0	
75	N146A	-6.541666	3.916667	3.53627	0	
76	N147	-0.208333	3.916667	-7.433385	0	
77	N78	3.791667	3.916667	3.897114	0	
78	N79	3.791667	0	3.897114	0	
79	N80	3.791667	3.916667	4.105448	0	
80	N81	3.791667	0	4.105448	0	
81	N82	2.458334	3.916667	3.897114	0	
82	N83	2.458334	0	3.897114	0	
83	N84	2.458334	3.916667	4.105448	0	
84	N85	2.458334	0	4.105448	0	
85	N86	1.916667	3.916667	3.897114	0	
86	N87	1.916667	0	3.897114	0	
87	N88	1.916667	3.916667	4.105448	0	
88	N89	1.916667	0	4.105448	0	
89	N90	0.	3.916667	3.897114	0	
90	N91	0.	0	3.897114	0	
91	N92	0.	3.916667	4.105448	0	
92	N93	0.	0	4.105448	0	
93	N94	-3.75	3.916667	3.897114	0	
94	N95	-3.75	0	3.897114	0	
95	N96	-3.75	3.916667	4.105448	0	
96	N97	-3.75	0	4.105448	0	
97	N98	-5.833333	3.916667	3.897114	0	
98	N99	-5.833333	0	3.897114	0	
99	N100	-5.833333	3.916667	4.105448	0	
100	N101	-5.833333	0	4.105448	0	
101	N102	-1.916666	3.916667	3.897114	0	
102	N103	-1.916666	0	3.897114	0	
103	N104	-1.916666	3.916667	4.105448	0	
104	N105	-1.916666	0	4.105448	0	
105	N106	5.833334	4.083333	4.105448	0	
106	N107	5.833334	-0.916667	4.105448	0	
107	N108	3.791667	4.583333	4.105448	0	
108	N109	3.791667	-1.416667	4.105448	0	
109	N110	2.458334	4.083333	4.105448	0	
110	N111	2.458334	-0.916667	4.105448	0	
111	N112	1.916667	4.958333	4.105448	0	
112	N113	1.916667	-0.791667	4.105448	0	
113	N114	0.	4.083333	4.105448	0	
114	N115	0.	-0.916667	4.105448	0	
115	N116	-1.916666	4.083333	4.105448	0	
116	N117	-1.916666	-0.916667	4.105448	0	
117	N118	-3.75	4.583333	4.105448	0	
118	N119	-3.75	-1.416667	4.105448	0	
119	N120	-5.833333	4.083333	4.105448	0	
120	N121	-5.833333	-0.916667	4.105448	0	
121	N123	-6.291666	3.916667	3.103258	0	
122	N124	-6.291666	0	3.103258	0	
123	N125	-6.472088	3.916667	2.999091	0	
124	N126	-6.472088	0	2.999091	0	
125	N127	-5.270833	3.916667	1.335122	0	
126	N128	-5.270833	0	1.335122	0	
127	N129	-5.451255	3.916667	1.230956	0	
128	N130	-5.451255	0	1.230956	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N131	-4.604166	3.916667	0.180422	0	
130	N132	-4.604166	0	0.180422	0	
131	N133	-4.784588	3.916667	0.076255	0	
132	N134	-4.784588	0	0.076255	0	
133	N135	-4.333333	3.916667	-0.288675	0	
134	N136	-4.333333	0	-0.288675	0	
135	N137	-4.513755	3.916667	-0.392842	0	
136	N138A	-4.513755	0	-0.392842	0	
137	N139A	-3.375	3.916667	-1.948557	0	
138	N140B	-3.375	0	-1.948557	0	
139	N141C	-3.555422	3.916667	-2.052724	0	
140	N142D	-3.555422	0	-2.052724	0	
141	N143D	-1.5	3.916667	-5.196153	0	
142	N144B	-1.5	0	-5.196153	0	
143	N145B	-1.680422	3.916667	-5.300319	0	
144	N146B	-1.680422	0	-5.300319	0	
145	N147A	-0.458333	3.916667	-7.000372	0	
146	N148	-0.458333	0	-7.000372	0	
147	N149	-0.638755	3.916667	-7.104539	0	
148	N150	-0.638755	0	-7.104539	0	
149	N151	-2.416666	3.916667	-3.608439	0	
150	N152	-2.416666	0	-3.608439	0	
151	N153	-2.597088	3.916667	-3.712606	0	
152	N154	-2.597088	0	-3.712606	0	
153	N155A	-6.472088	4.083333	2.999091	0	
154	N156A	-6.472088	-0.916667	2.999091	0	
155	N157	-5.451255	4.583333	1.230956	0	
156	N158A	-5.451255	-1.416667	1.230956	0	
157	N159A	-4.784588	4.083333	0.076255	0	
158	N160	-4.784588	-0.916667	0.076255	0	
159	N161A	-4.513755	4.958333	-0.392842	0	
160	N162B	-4.513755	-0.791667	-0.392842	0	
161	N163A	-3.555422	4.083333	-2.052724	0	
162	N164A	-3.555422	-0.916667	-2.052724	0	
163	N165	-2.597088	4.083333	-3.712606	0	
164	N166	-2.597088	-0.916667	-3.712606	0	
165	N167	-1.680422	4.583333	-5.300319	0	
166	N168B	-1.680422	-1.416667	-5.300319	0	
167	N169B	-0.638755	4.083333	-7.104539	0	
168	N170B	-0.638755	-0.916667	-7.104539	0	
169	N171A	0.458334	3.916667	-7.000372	0	
170	N172A	0.458334	0	-7.000372	0	
171	N173	0.638756	3.916667	-7.104539	0	
172	N174	0.638756	0	-7.104539	0	
173	N175A	1.479167	3.916667	-5.232237	0	
174	N176A	1.479167	0	-5.232237	0	
175	N177A	1.659589	3.916667	-5.336404	0	
176	N178A	1.659589	0	-5.336404	0	
177	N179A	2.145834	3.916667	-4.077536	0	
178	N180A	2.145834	0	-4.077536	0	
179	N181A	2.326256	3.916667	-4.181703	0	
180	N182A	2.326256	0	-4.181703	0	
181	N183A	2.416667	3.916667	-3.608439	0	
182	N184A	2.416667	0	-3.608439	0	
183	N185A	2.597089	3.916667	-3.712606	0	
184	N186A	2.597089	0	-3.712606	0	
185	N187	3.375	3.916667	-1.948557	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N188	3.375	0	-1.948557	0	
187	N189A	3.555422	3.916667	-2.052724	0	
188	N190A	3.555422	0	-2.052724	0	
189	N191A	5.25	3.916667	1.299038	0	
190	N192A	5.25	0	1.299038	0	
191	N193A	5.430422	3.916667	1.194871	0	
192	N194A	5.430422	0	1.194871	0	
193	N195A	6.291667	3.916667	3.103258	0	
194	N196A	6.291667	0	3.103258	0	
195	N197A	6.472089	3.916667	2.999091	0	
196	N198B	6.472089	0	2.999091	0	
197	N199A	0.638756	4.083333	-7.104539	0	
198	N200	0.638756	-0.916667	-7.104539	0	
199	N201	1.659589	4.583333	-5.336404	0	
200	N202	1.659589	-1.416667	-5.336404	0	
201	N203	2.326256	4.083333	-4.181703	0	
202	N204	2.326256	-0.916667	-4.181703	0	
203	N205	2.597089	4.958333	-3.712606	0	
204	N206	2.597089	-0.791667	-3.712606	0	
205	N207	3.555422	4.083333	-2.052724	0	
206	N208	3.555422	-0.916667	-2.052724	0	
207	N209	5.430422	4.583333	1.194871	0	
208	N210B	5.430422	-1.416667	1.194871	0	
209	N211B	6.472089	4.083333	2.999091	0	
210	N212A	6.472089	-0.916667	2.999091	0	
211	N212B	-3.75	2.583333	4.105448	0	
212	N213	-3.75	4.083333	4.105448	0	
213	N214A	-3.75	1.083333	4.105448	0	
214	N215	1.867468	0	1.897114	0	
215	N216	1.867468	2	1.897114	0	
216	N217	-3.75	1.958333	4.105448	0	
217	N217A	-5.666506	3.916667	3.730447	0	
218	N218	5.666506	3.916667	3.730447	0	
219	N222	6.063916	3.916667	3.042115	0	
220	N223	0.39741	3.916667	-6.772562	0	
221	N227	-0.397409	3.916667	-6.772563	0	
222	N228	-6.063915	3.916667	3.042114	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	TES Plate	PL1/2x10	Beam	Pipe	A53 Gr.B	Typical	5	.104	41.667	.404
2	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
3	Support Rail	L3X3X5	Beam	RECT	A36 Gr.36	Typical	1.78	1.5	1.5	.06
4	Support Rail Plate	PL1/2x6	Beam	RECT	A36 Gr.36	Typical	3	.063	9	.237
5	Standoff Tab	PL1/4x3....	Beam	RECT	A36 Gr.36	Typical	.875	.005	.893	.017
6	Corner Plate	PL1/2x6	Beam	RECT	A36 Gr.36	Typical	3	.063	9	.237
7	Standoff	HSS4X4X3	Beam	Channel	A36 Gr.36	Typical	2.58	6.21	6.21	10
8	Standoff Brace	L4X4X5	Beam	Channel	A36 Gr.36	Typical	2.4	3.67	3.67	.083
9	Face Horizontal	C5X9	Beam	Channel	A36 Gr.36	Typical	2.64	.624	8.89	.109
10	Mount PipeX	PIPE_2.0X	Column	Pipe	A53 Gr.B	Typical	1.4	.827	.827	1.65

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
1	M73	N142A	N141A		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
2	M76	N153A	N154A			Standoff	Beam	Channel	A36 Gr.36	Typical
3	M77	N161B	N162A		90	Standoff Brace	Beam	Channel	A36 Gr.36	Typical
4	M78	N162	N161B			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
5	M79	N162A	N158			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
6	M80	N164	N163			RIGID	None	None	RIGID	Typical
7	M81	N170	N169			RIGID	None	None	RIGID	Typical
8	M82	N169A	N168			RIGID	None	None	RIGID	Typical
9	M83	N170A	N168A			RIGID	None	None	RIGID	Typical
10	M84	N170	N169A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
11	M85	N171	N172			Standoff	Beam	Channel	A36 Gr.36	Typical
12	M86	N175	N176		90	Standoff Brace	Beam	Channel	A36 Gr.36	Typical
13	M87	N156	N175			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
14	M88	N176	N161			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
15	M89	N178	N177			RIGID	None	None	RIGID	Typical
16	M90	N183	N180			RIGID	None	None	RIGID	Typical
17	M91	N182	N179			RIGID	None	None	RIGID	Typical
18	M92	N184	N181			RIGID	None	None	RIGID	Typical
19	M93	N183	N182		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
20	M94	N185	N186			Standoff	Beam	Channel	A36 Gr.36	Typical
21	M95	N189	N190		90	Standoff Brace	Beam	Channel	A36 Gr.36	Typical
22	M96	N159	N189			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
23	M97	N190	N155			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
24	M98	N192	N191			RIGID	None	None	RIGID	Typical
25	M99	N197	N194			RIGID	None	None	RIGID	Typical
26	M100	N196	N193			RIGID	None	None	RIGID	Typical
27	M101	N198	N195			RIGID	None	None	RIGID	Typical
28	M102	N197	N196		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
29	M103	N199	N198A		180	Support Rail	Beam	RECT	A36 Gr.36	Typical
30	M107	N228	N217A		90	Support Rail Plate	Beam	RECT	A36 Gr.36	Typical
31	M112	N214	N219A			RIGID	None	None	RIGID	Typical
32	M113	N215A	N223A			RIGID	None	None	RIGID	Typical
33	M71	N143B	N142C		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
34	M72	N146	N145A		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
35	M71A	N144A	N143C		180	Support Rail	Beam	RECT	A36 Gr.36	Typical
36	M72A	N147	N146A		180	Support Rail	Beam	RECT	A36 Gr.36	Typical
37	M39	N214	N219A			RIGID	None	None	RIGID	Typical
38	M40	N215A	N223A			RIGID	None	None	RIGID	Typical
39	M41	N78	N80			RIGID	None	None	RIGID	Typical
40	M42	N79	N81			RIGID	None	None	RIGID	Typical
41	M43	N78	N80			RIGID	None	None	RIGID	Typical
42	M44	N79	N81			RIGID	None	None	RIGID	Typical
43	M45	N82	N84			RIGID	None	None	RIGID	Typical
44	M46	N83	N85			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
45	M47	N82	N84			RIGID	None	None	RIGID	Typical
46	M48	N83	N85			RIGID	None	None	RIGID	Typical
47	M49	N86	N88			RIGID	None	None	RIGID	Typical
48	M50	N87	N89			RIGID	None	None	RIGID	Typical
49	M51	N86	N88			RIGID	None	None	RIGID	Typical
50	M52	N87	N89			RIGID	None	None	RIGID	Typical
51	M53	N90	N92			RIGID	None	None	RIGID	Typical
52	M54	N91	N93			RIGID	None	None	RIGID	Typical
53	M55	N90	N92			RIGID	None	None	RIGID	Typical
54	M56	N91	N93			RIGID	None	None	RIGID	Typical
55	M57	N94	N96			RIGID	None	None	RIGID	Typical
56	M58	N95	N97			RIGID	None	None	RIGID	Typical
57	M59	N94	N96			RIGID	None	None	RIGID	Typical
58	M60	N95	N97			RIGID	None	None	RIGID	Typical
59	M61	N98	N100			RIGID	None	None	RIGID	Typical
60	M62	N99	N101			RIGID	None	None	RIGID	Typical
61	M63	N98	N100			RIGID	None	None	RIGID	Typical
62	M64	N99	N101			RIGID	None	None	RIGID	Typical
63	M65	N102	N104			RIGID	None	None	RIGID	Typical
64	M66	N103	N105			RIGID	None	None	RIGID	Typical
65	MP1A	N106	N107			Mount PipeX	Column	Pipe	A53 Gr.B	Typical
66	MP2A	N108	N109			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
67	MP3A	N110	N111			Mount PipeX	Column	Pipe	A53 Gr.B	Typical
68	MP4A	N112	N113			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
69	MP5A	N114	N115			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
70	MP6A	N116	N117			Mount PipeX	Column	Pipe	A53 Gr.B	Typical
71	MP7A	N118	N119			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
72	MP8A	N120	N121			Mount PipeX	Column	Pipe	A53 Gr.B	Typical
73	M75	N123	N125			RIGID	None	None	RIGID	Typical
74	M76A	N124	N126			RIGID	None	None	RIGID	Typical
75	M77A	N127	N129			RIGID	None	None	RIGID	Typical
76	M78A	N128	N130			RIGID	None	None	RIGID	Typical
77	M79A	N131	N133			RIGID	None	None	RIGID	Typical
78	M80A	N132	N134			RIGID	None	None	RIGID	Typical
79	M81A	N135	N137			RIGID	None	None	RIGID	Typical
80	M82A	N136	N138A			RIGID	None	None	RIGID	Typical
81	M83A	N139A	N141C			RIGID	None	None	RIGID	Typical
82	M84A	N140B	N142D			RIGID	None	None	RIGID	Typical
83	M85A	N143D	N145B			RIGID	None	None	RIGID	Typical
84	M86A	N144B	N146B			RIGID	None	None	RIGID	Typical
85	M87A	N147A	N149			RIGID	None	None	RIGID	Typical
86	M88A	N148	N150			RIGID	None	None	RIGID	Typical
87	M89A	N151	N153			RIGID	None	None	RIGID	Typical
88	M90A	N152	N154			RIGID	None	None	RIGID	Typical
89	MP1B	N155A	N156A			Mount PipeX	Column	Pipe	A53 Gr.B	Typical
90	MP2B	N157	N158A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP3B	N159A	N160			Mount PipeX	Column	Pipe	A53 Gr.B	Typical
92	MP4B	N161A	N162B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
93	MP5B	N163A	N164A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	MP6B	N165	N166			Mount PipeX	Column	Pipe	A53 Gr.B	Typical
95	MP7B	N167	N168B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	MP8B	N169B	N170B			Mount PipeX	Column	Pipe	A53 Gr.B	Typical
97	M99A	N171A	N173			RIGID	None	None	RIGID	Typical
98	M100A	N172A	N174			RIGID	None	None	RIGID	Typical
99	M101A	N175A	N177A			RIGID	None	None	RIGID	Typical
100	M102A	N176A	N178A			RIGID	None	None	RIGID	Typical
101	M103A	N179A	N181A			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
102	M104	N180A	N182A			RIGID	None	None	RIGID	Typical
103	M105	N183A	N185A			RIGID	None	None	RIGID	Typical
104	M106A	N184A	N186A			RIGID	None	None	RIGID	Typical
105	M107A	N187	N189A			RIGID	None	None	RIGID	Typical
106	M108A	N188	N190A			RIGID	None	None	RIGID	Typical
107	M109	N191A	N193A			RIGID	None	None	RIGID	Typical
108	M110	N192A	N194A			RIGID	None	None	RIGID	Typical
109	M111	N195A	N197A			RIGID	None	None	RIGID	Typical
110	M112A	N196A	N198B			RIGID	None	None	RIGID	Typical
111	MP1C	N199A	N200			Mount PipeX	Column	Pipe	A53 Gr.B	Typical
112	MP2C	N201	N202			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
113	MP3C	N203	N204			Mount PipeX	Column	Pipe	A53 Gr.B	Typical
114	MP4C	N205	N206			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
115	MP5C	N207	N208			Mount PipeX	Column	Pipe	A53 Gr.B	Typical
116	MP6C	N209	N210B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
117	MP7C	N211B	N212A			Mount PipeX	Column	Pipe	A53 Gr.B	Typical
118	M120	N142	N215			RIGID	None	None	RIGID	Typical
119	OVP	N216	N215			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
120	M122	N210A	N217A			RIGID	None	None	RIGID	Typical
121	M123	N211A	N218			RIGID	None	None	RIGID	Typical
122	M124	N212	N222			RIGID	None	None	RIGID	Typical
123	M125	N210	N223			RIGID	None	None	RIGID	Typical
124	M126	N211	N227			RIGID	None	None	RIGID	Typical
125	M127	N209A	N228			RIGID	None	None	RIGID	Typical
126	M126A	N218	N222		90	Support Rail Plate	Beam	RECT	A36 Gr.36	Typical
127	M127A	N223	N227		90	Support Rail Plate	Beam	RECT	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	M73						Yes				None
2	M76						Yes				None
3	M77						Yes				None
4	M78						Yes				None
5	M79						Yes				None
6	M80		AllPIN			Compres...	Yes	** NA **			None
7	M81						Yes	** NA **			None
8	M82						Yes	** NA **			None
9	M83						Yes	** NA **			None
10	M84						Yes				None
11	M85						Yes				None
12	M86						Yes				None
13	M87						Yes				None
14	M88						Yes				None
15	M89		AllPIN			Compres...	Yes	** NA **			None
16	M90						Yes	** NA **			None
17	M91						Yes	** NA **			None
18	M92						Yes	** NA **			None
19	M93						Yes				None
20	M94						Yes				None
21	M95						Yes				None
22	M96						Yes				None
23	M97						Yes				None
24	M98		AllPIN			Compres...	Yes	** NA **			None
25	M99						Yes	** NA **			None
26	M100						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...
27	M101						Yes	** NA **			None
28	M102						Yes				None
29	M103						Yes				None
30	M107						Yes	Default			None
31	M112						Yes	** NA **			None
32	M113						Yes	** NA **			None
33	M71						Yes				None
34	M72						Yes				None
35	M71A						Yes				None
36	M72A						Yes				None
37	M39						Yes	** NA **			None
38	M40						Yes	** NA **			None
39	M41		OOOXOO				Yes	** NA **			None
40	M42						Yes	** NA **			None
41	M43		OOOXOO				Yes	** NA **			None
42	M44						Yes	** NA **			None
43	M45		OOOXOO				Yes	** NA **			None
44	M46						Yes	** NA **			None
45	M47		OOOXOO				Yes	** NA **			None
46	M48						Yes	** NA **			None
47	M49		OOOXOO				Yes	** NA **			None
48	M50						Yes	** NA **			None
49	M51		OOOXOO				Yes	** NA **			None
50	M52						Yes	** NA **			None
51	M53		OOOXOO				Yes	** NA **			None
52	M54						Yes	** NA **			None
53	M55		OOOXOO				Yes	** NA **			None
54	M56						Yes	** NA **			None
55	M57		OOOXOO				Yes	** NA **			None
56	M58						Yes	** NA **			None
57	M59		OOOXOO				Yes	** NA **			None
58	M60						Yes	** NA **			None
59	M61						Yes	** NA **			None
60	M62						Yes	** NA **			None
61	M63						Yes	** NA **			None
62	M64						Yes	** NA **			None
63	M65		OOOXOO				Yes	** NA **			None
64	M66						Yes	** NA **			None
65	MP1A						Yes	** NA **			None
66	MP2A						Yes	** NA **			None
67	MP3A						Yes	** NA **			None
68	MP4A						Yes	** NA **			None
69	MP5A						Yes	** NA **			None
70	MP6A						Yes	** NA **			None
71	MP7A						Yes	** NA **			None
72	MP8A						Yes	** NA **			None
73	M75						Yes	** NA **			None
74	M76A						Yes	** NA **			None
75	M77A		OOOXOO				Yes	** NA **			None
76	M78A						Yes	** NA **			None
77	M79A		OOOXOO				Yes	** NA **			None
78	M80A						Yes	** NA **			None
79	M81A		OOOXOO				Yes	** NA **			None
80	M82A						Yes	** NA **			None
81	M83A		OOOXOO				Yes	** NA **			None
82	M84A						Yes	** NA **			None
83	M85A		OOOXOO				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...
84	M86A						Yes	** NA **			None
85	M87A						Yes	** NA **			None
86	M88A						Yes	** NA **			None
87	M89A		OOOXOO				Yes	** NA **			None
88	M90A						Yes	** NA **			None
89	MP1B						Yes	** NA **			None
90	MP2B						Yes	** NA **			None
91	MP3B						Yes	** NA **			None
92	MP4B						Yes	** NA **			None
93	MP5B						Yes	** NA **			None
94	MP6B						Yes	** NA **			None
95	MP7B						Yes	** NA **			None
96	MP8B						Yes	** NA **			None
97	M99A						Yes	** NA **			None
98	M100A						Yes	** NA **			None
99	M101A		OOOXOO				Yes	** NA **			None
100	M102A						Yes	** NA **			None
101	M103A		OOOXOO				Yes	** NA **			None
102	M104						Yes	** NA **			None
103	M105		OOOXOO				Yes	** NA **			None
104	M106A						Yes	** NA **			None
105	M107A		OOOXOO				Yes	** NA **			None
106	M108A						Yes	** NA **			None
107	M109		OOOXOO				Yes	** NA **			None
108	M110						Yes	** NA **			None
109	M111						Yes	** NA **			None
110	M112A						Yes	** NA **			None
111	MP1C						Yes	** NA **			None
112	MP2C						Yes	** NA **			None
113	MP3C						Yes	** NA **			None
114	MP4C						Yes	** NA **			None
115	MP5C						Yes	** NA **			None
116	MP6C						Yes	** NA **			None
117	MP7C						Yes	** NA **			None
118	M120						Yes	** NA **			None
119	OVP						Yes	** NA **			None
120	M122	OOOOOX					Yes	** NA **			None
121	M123	OOOOOX					Yes	** NA **			None
122	M124	OOOOOX					Yes	** NA **			None
123	M125	OOOOOX					Yes	** NA **			None
124	M126	OOOOOX					Yes	** NA **			None
125	M127	OOOOOX					Yes	** NA **			None
126	M126A						Yes	Default			None
127	M127A						Yes	Default			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	Y	-43.55	.3
2	MP2A	My	.006	.3
3	MP2A	Mz	-.032	.3
4	MP2A	Y	-43.55	2.3
5	MP2A	My	.006	2.3
6	MP2A	Mz	-.032	2.3
7	MP2B	Y	-43.55	.3
8	MP2B	My	.016	.3

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
9	MP2B	Mz	.028	.3
10	MP2B	Y	-43.55	2.3
11	MP2B	My	.016	2.3
12	MP2B	Mz	.028	2.3
13	MP2C	Y	-43.55	.3
14	MP2C	My	-.033	.3
15	MP2C	Mz	0	.3
16	MP2C	Y	-43.55	2.3
17	MP2C	My	-.033	2.3
18	MP2C	Mz	0	2.3
19	MP7A	Y	-84.4	3.5
20	MP7A	My	-.007	3.5
21	MP7A	Mz	.042	3.5
22	MP8A	Y	-70.3	3.5
23	MP8A	My	-.006	3.5
24	MP8A	Mz	.035	3.5
25	MP7A	Y	-20	.5
26	MP7A	My	-.011	.5
27	MP7A	Mz	-.017	.5
28	MP7A	Y	-20	3.5
29	MP7A	My	-.011	3.5
30	MP7A	Mz	-.017	3.5
31	MP7A	Y	-20	.5
32	MP7A	My	.016	.5
33	MP7A	Mz	-.012	.5
34	MP7A	Y	-20	3.5
35	MP7A	My	.016	3.5
36	MP7A	Mz	-.012	3.5
37	MP7B	Y	-20	.5
38	MP7B	My	.019	.5
39	MP7B	Mz	.006	.5
40	MP7B	Y	-20	3.5
41	MP7B	My	.019	3.5
42	MP7B	Mz	.006	3.5
43	MP7B	Y	-20	.5
44	MP7B	My	-.004	.5
45	MP7B	Mz	.02	.5
46	MP7B	Y	-20	3.5
47	MP7B	My	-.004	3.5
48	MP7B	Mz	.02	3.5
49	MP6C	Y	-20	.13
50	MP6C	My	-.015	.13
51	MP6C	Mz	.013	.13
52	MP6C	Y	-20	4.13
53	MP6C	My	-.015	4.13
54	MP6C	Mz	.013	4.13
55	MP6C	Y	-20	.13
56	MP6C	My	-.019	.13
57	MP6C	Mz	-.007	.13
58	MP6C	Y	-20	4.13
59	MP6C	My	-.019	4.13
60	MP6C	Mz	-.007	4.13
61	MP1A	Y	-10.5	.3
62	MP1A	My	0	.3
63	MP1A	Mz	-.008	.3
64	MP1A	Y	-10.5	4.3
65	MP1A	My	0	4.3

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
66	MP1A	Mz	-.008	4.3
67	MP1B	Y	-10.5	.3
68	MP1B	My	.006	.3
69	MP1B	Mz	.005	.3
70	MP1B	Y	-10.5	4.3
71	MP1B	My	.006	4.3
72	MP1B	Mz	.005	4.3
73	MP1C	Y	-10.5	.3
74	MP1C	My	-.007	.3
75	MP1C	Mz	.003	.3
76	MP1C	Y	-10.5	4.3
77	MP1C	My	-.007	4.3
78	MP1C	Mz	.003	4.3
79	MP4C	Y	-10.5	.3
80	MP4C	My	-.007	.3
81	MP4C	Mz	.003	.3
82	MP4C	Y	-10.5	4.3
83	MP4C	My	-.007	4.3
84	MP4C	Mz	.003	4.3
85	MP8A	Y	-10.5	.3
86	MP8A	My	0	.3
87	MP8A	Mz	-.008	.3
88	MP8A	Y	-10.5	4.3
89	MP8A	My	0	4.3
90	MP8A	Mz	-.008	4.3
91	MP8B	Y	-10.5	.3
92	MP8B	My	.006	.3
93	MP8B	Mz	.005	.3
94	MP8B	Y	-10.5	4.3
95	MP8B	My	.006	4.3
96	MP8B	Mz	.005	4.3
97	OVP	Y	-26.9	1
98	OVP	My	-.005	1
99	OVP	Mz	-.013	1
100	OVP	Y	-26.9	1
101	OVP	My	.005	1
102	OVP	Mz	.013	1
103	MP7B	Y	-84.4	3.5
104	MP7B	My	-.021	3.5
105	MP7B	Mz	-.037	3.5
106	MP6C	Y	-84.4	3.5
107	MP6C	My	.042	3.5
108	MP6C	Mz	0	3.5
109	MP8B	Y	-70.3	3.5
110	MP8B	My	-.018	3.5
111	MP8B	Mz	-.03	3.5
112	MP7C	Y	-70.3	3.5
113	MP7C	My	.035	3.5
114	MP7C	Mz	0	3.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	Y	-34.219	.3
2	MP2A	My	.004	.3
3	MP2A	Mz	-.025	.3
4	MP2A	Y	-34.219	2.3

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
5	MP2A	My	.004	2.3
6	MP2A	Mz	-.025	2.3
7	MP2B	Y	-34.219	.3
8	MP2B	My	.013	.3
9	MP2B	Mz	.022	.3
10	MP2B	Y	-34.219	2.3
11	MP2B	My	.013	2.3
12	MP2B	Mz	.022	2.3
13	MP2C	Y	-34.219	.3
14	MP2C	My	-.026	.3
15	MP2C	Mz	0	.3
16	MP2C	Y	-34.219	2.3
17	MP2C	My	-.026	2.3
18	MP2C	Mz	0	2.3
19	MP7A	Y	-43.117	3.5
20	MP7A	My	-.004	3.5
21	MP7A	Mz	.021	3.5
22	MP8A	Y	-38.764	3.5
23	MP8A	My	-.003	3.5
24	MP8A	Mz	.019	3.5
25	MP7A	Y	-58.687	.5
26	MP7A	My	-.031	.5
27	MP7A	Mz	-.05	.5
28	MP7A	Y	-58.687	3.5
29	MP7A	My	-.031	3.5
30	MP7A	Mz	-.05	3.5
31	MP7A	Y	-58.687	.5
32	MP7A	My	.046	.5
33	MP7A	Mz	-.037	.5
34	MP7A	Y	-58.687	3.5
35	MP7A	My	.046	3.5
36	MP7A	Mz	-.037	3.5
37	MP7B	Y	-58.687	.5
38	MP7B	My	.056	.5
39	MP7B	Mz	.019	.5
40	MP7B	Y	-58.687	3.5
41	MP7B	My	.056	3.5
42	MP7B	Mz	.019	3.5
43	MP7B	Y	-58.687	.5
44	MP7B	My	-.012	.5
45	MP7B	Mz	.058	.5
46	MP7B	Y	-58.687	3.5
47	MP7B	My	-.012	3.5
48	MP7B	Mz	.058	3.5
49	MP6C	Y	-58.687	.13
50	MP6C	My	-.044	.13
51	MP6C	Mz	.039	.13
52	MP6C	Y	-58.687	4.13
53	MP6C	My	-.044	4.13
54	MP6C	Mz	.039	4.13
55	MP6C	Y	-58.687	.13
56	MP6C	My	-.055	.13
57	MP6C	Mz	-.022	.13
58	MP6C	Y	-58.687	4.13
59	MP6C	My	-.055	4.13
60	MP6C	Mz	-.022	4.13
61	MP1A	Y	-56.2	.3

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
62	MP1A	My	0	.3
63	MP1A	Mz	-.042	.3
64	MP1A	Y	-56.2	4.3
65	MP1A	My	0	4.3
66	MP1A	Mz	-.042	4.3
67	MP1B	Y	-56.2	.3
68	MP1B	My	.032	.3
69	MP1B	Mz	.027	.3
70	MP1B	Y	-56.2	4.3
71	MP1B	My	.032	4.3
72	MP1B	Mz	.027	4.3
73	MP1C	Y	-56.2	.3
74	MP1C	My	-.04	.3
75	MP1C	Mz	.014	.3
76	MP1C	Y	-56.2	4.3
77	MP1C	My	-.04	4.3
78	MP1C	Mz	.014	4.3
79	MP4C	Y	-56.2	.3
80	MP4C	My	-.04	.3
81	MP4C	Mz	.014	.3
82	MP4C	Y	-56.2	4.3
83	MP4C	My	-.04	4.3
84	MP4C	Mz	.014	4.3
85	MP8A	Y	-56.2	.3
86	MP8A	My	0	.3
87	MP8A	Mz	-.042	.3
88	MP8A	Y	-56.2	4.3
89	MP8A	My	0	4.3
90	MP8A	Mz	-.042	4.3
91	MP8B	Y	-56.2	.3
92	MP8B	My	.032	.3
93	MP8B	Mz	.027	.3
94	MP8B	Y	-56.2	4.3
95	MP8B	My	.032	4.3
96	MP8B	Mz	.027	4.3
97	OVP	Y	-53.116	1
98	OVP	My	-.009	1
99	OVP	Mz	-.025	1
100	OVP	Y	-53.116	1
101	OVP	My	.009	1
102	OVP	Mz	.025	1
103	MP7B	Y	-43.117	3.5
104	MP7B	My	-.011	3.5
105	MP7B	Mz	-.019	3.5
106	MP6C	Y	-43.117	3.5
107	MP6C	My	.022	3.5
108	MP6C	Mz	0	3.5
109	MP8B	Y	-38.764	3.5
110	MP8B	My	-.01	3.5
111	MP8B	Mz	-.017	3.5
112	MP7C	Y	-38.764	3.5
113	MP7C	My	.019	3.5
114	MP7C	Mz	0	3.5

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

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

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	0	.3
2	MP2A	Z	-29.151	.3
3	MP2A	Mx	.022	.3
4	MP2A	X	0	2.3
5	MP2A	Z	-29.151	2.3
6	MP2A	Mx	.022	2.3
7	MP2B	X	0	.3
8	MP2B	Z	-38.667	.3
9	MP2B	Mx	-.025	.3
10	MP2B	X	0	2.3
11	MP2B	Z	-38.667	2.3
12	MP2B	Mx	-.025	2.3
13	MP2C	X	0	.3
14	MP2C	Z	-71.128	.3
15	MP2C	Mx	0	.3
16	MP2C	X	0	2.3
17	MP2C	Z	-71.128	2.3
18	MP2C	Mx	0	2.3
19	MP7A	X	0	3.5
20	MP7A	Z	-38.4	3.5
21	MP7A	Mx	-.019	3.5
22	MP8A	X	0	3.5
23	MP8A	Z	-31.428	3.5
24	MP8A	Mx	-.015	3.5
25	MP7A	X	0	.5
26	MP7A	Z	-82.926	.5
27	MP7A	Mx	.071	.5
28	MP7A	X	0	3.5
29	MP7A	Z	-82.926	3.5
30	MP7A	Mx	.071	3.5
31	MP7A	X	0	.5
32	MP7A	Z	-82.926	.5
33	MP7A	Mx	.052	.5
34	MP7A	X	0	3.5
35	MP7A	Z	-82.926	3.5
36	MP7A	Mx	.052	3.5
37	MP7B	X	0	.5
38	MP7B	Z	-92.121	.5
39	MP7B	Mx	-.029	.5
40	MP7B	X	0	3.5
41	MP7B	Z	-92.121	3.5
42	MP7B	Mx	-.029	3.5
43	MP7B	X	0	.5
44	MP7B	Z	-92.121	.5
45	MP7B	Mx	-.091	.5
46	MP7B	X	0	3.5
47	MP7B	Z	-92.121	3.5
48	MP7B	Mx	-.091	3.5
49	MP6C	X	0	.13
50	MP6C	Z	-123.489	.13
51	MP6C	Mx	-.082	.13
52	MP6C	X	0	4.13
53	MP6C	Z	-123.489	4.13
54	MP6C	Mx	-.082	4.13
55	MP6C	X	0	.13
56	MP6C	Z	-118.597	.13
57	MP6C	Mx	.044	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	0	4.13
59	MP6C	Z	-118.597	4.13
60	MP6C	Mx	.044	4.13
61	MP1A	X	0	.3
62	MP1A	Z	-130.577	.3
63	MP1A	Mx	.098	.3
64	MP1A	X	0	4.3
65	MP1A	Z	-130.577	4.3
66	MP1A	Mx	.098	4.3
67	MP1B	X	0	.3
68	MP1B	Z	-92.405	.3
69	MP1B	Mx	-.045	.3
70	MP1B	X	0	4.3
71	MP1B	Z	-92.405	4.3
72	MP1B	Mx	-.045	4.3
73	MP1C	X	0	.3
74	MP1C	Z	-73.137	.3
75	MP1C	Mx	-.019	.3
76	MP1C	X	0	4.3
77	MP1C	Z	-73.137	4.3
78	MP1C	Mx	-.019	4.3
79	MP4C	X	0	.3
80	MP4C	Z	-73.137	.3
81	MP4C	Mx	-.019	.3
82	MP4C	X	0	4.3
83	MP4C	Z	-73.137	4.3
84	MP4C	Mx	-.019	4.3
85	MP8A	X	0	.3
86	MP8A	Z	-130.577	.3
87	MP8A	Mx	.098	.3
88	MP8A	X	0	4.3
89	MP8A	Z	-130.577	4.3
90	MP8A	Mx	.098	4.3
91	MP8B	X	0	.3
92	MP8B	Z	-92.405	.3
93	MP8B	Mx	-.045	.3
94	MP8B	X	0	4.3
95	MP8B	Z	-92.405	4.3
96	MP8B	Mx	-.045	4.3
97	OVP	X	0	1
98	OVP	Z	-52.242	1
99	OVP	Mx	.025	1
100	OVP	X	0	1
101	OVP	Z	-52.242	1
102	OVP	Mx	-.025	1
103	MP7B	X	0	3.5
104	MP7B	Z	-42.525	3.5
105	MP7B	Mx	.018	3.5
106	MP6C	X	0	3.5
107	MP6C	Z	-56.599	3.5
108	MP6C	Mx	0	3.5
109	MP8B	X	0	3.5
110	MP8B	Z	-37.134	3.5
111	MP8B	Mx	.016	3.5
112	MP7C	X	0	3.5
113	MP7C	Z	-56.599	3.5
114	MP7C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	16.455	.3
2	MP2A	Z	-28.5	.3
3	MP2A	Mx	.023	.3
4	MP2A	X	16.455	2.3
5	MP2A	Z	-28.5	2.3
6	MP2A	Mx	.023	2.3
7	MP2B	X	30.154	.3
8	MP2B	Z	-52.228	.3
9	MP2B	Mx	-.023	.3
10	MP2B	X	30.154	2.3
11	MP2B	Z	-52.228	2.3
12	MP2B	Mx	-.023	2.3
13	MP2C	X	30.154	.3
14	MP2C	Z	-52.228	.3
15	MP2C	Mx	-.023	.3
16	MP2C	X	30.154	2.3
17	MP2C	Z	-52.228	2.3
18	MP2C	Mx	-.023	2.3
19	MP7A	X	20.014	3.5
20	MP7A	Z	-34.666	3.5
21	MP7A	Mx	-.019	3.5
22	MP8A	X	16.841	3.5
23	MP8A	Z	-29.169	3.5
24	MP8A	Mx	-.016	3.5
25	MP7A	X	43.279	.5
26	MP7A	Z	-74.961	.5
27	MP7A	Mx	.041	.5
28	MP7A	X	43.279	3.5
29	MP7A	Z	-74.961	3.5
30	MP7A	Mx	.041	3.5
31	MP7A	X	43.279	.5
32	MP7A	Z	-74.961	.5
33	MP7A	Mx	.081	.5
34	MP7A	X	43.279	3.5
35	MP7A	Z	-74.961	3.5
36	MP7A	Mx	.081	3.5
37	MP7B	X	56.517	.5
38	MP7B	Z	-97.89	.5
39	MP7B	Mx	.023	.5
40	MP7B	X	56.517	3.5
41	MP7B	Z	-97.89	3.5
42	MP7B	Mx	.023	3.5
43	MP7B	X	56.517	.5
44	MP7B	Z	-97.89	.5
45	MP7B	Mx	-.108	.5
46	MP7B	X	56.517	3.5
47	MP7B	Z	-97.89	3.5
48	MP7B	Mx	-.108	3.5
49	MP6C	X	56.517	.13
50	MP6C	Z	-97.89	.13
51	MP6C	Mx	-.108	.13
52	MP6C	X	56.517	4.13
53	MP6C	Z	-97.89	4.13
54	MP6C	Mx	-.108	4.13
55	MP6C	X	49.473	.13
56	MP6C	Z	-85.689	.13
57	MP6C	Mx	-.014	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	49.473	4.13
59	MP6C	Z	-85.689	4.13
60	MP6C	Mx	-.014	4.13
61	MP1A	X	57.158	.3
62	MP1A	Z	-99	.3
63	MP1A	Mx	.074	.3
64	MP1A	X	57.158	4.3
65	MP1A	Z	-99	4.3
66	MP1A	Mx	.074	4.3
67	MP1B	X	33.745	.3
68	MP1B	Z	-58.448	.3
69	MP1B	Mx	-.009	.3
70	MP1B	X	33.745	4.3
71	MP1B	Z	-58.448	4.3
72	MP1B	Mx	-.009	4.3
73	MP1C	X	51.85	.3
74	MP1C	Z	-89.807	.3
75	MP1C	Mx	-.06	.3
76	MP1C	X	51.85	4.3
77	MP1C	Z	-89.807	4.3
78	MP1C	Mx	-.06	4.3
79	MP4C	X	51.85	.3
80	MP4C	Z	-89.807	.3
81	MP4C	Mx	-.06	.3
82	MP4C	X	51.85	4.3
83	MP4C	Z	-89.807	4.3
84	MP4C	Mx	-.06	4.3
85	MP8A	X	57.158	.3
86	MP8A	Z	-99	.3
87	MP8A	Mx	.074	.3
88	MP8A	X	57.158	4.3
89	MP8A	Z	-99	4.3
90	MP8A	Mx	.074	4.3
91	MP8B	X	33.745	.3
92	MP8B	Z	-58.448	.3
93	MP8B	Mx	-.009	.3
94	MP8B	X	33.745	4.3
95	MP8B	Z	-58.448	4.3
96	MP8B	Mx	-.009	4.3
97	OVP	X	32.353	1
98	OVP	Z	-56.037	1
99	OVP	Mx	.021	1
100	OVP	X	32.353	1
101	OVP	Z	-56.037	1
102	OVP	Mx	-.021	1
103	MP7B	X	25.954	3.5
104	MP7B	Z	-44.954	3.5
105	MP7B	Mx	.013	3.5
106	MP6C	X	25.954	3.5
107	MP6C	Z	-44.954	3.5
108	MP6C	Mx	.013	3.5
109	MP8B	X	25.055	3.5
110	MP8B	Z	-43.397	3.5
111	MP8B	Mx	.013	3.5
112	MP7C	X	25.055	3.5
113	MP7C	Z	-43.397	3.5
114	MP7C	Mx	.013	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	46.111	.3
2	MP2A	Z	-26.622	.3
3	MP2A	Mx	.026	.3
4	MP2A	X	46.111	2.3
5	MP2A	Z	-26.622	2.3
6	MP2A	Mx	.026	2.3
7	MP2B	X	61.598	.3
8	MP2B	Z	-35.564	.3
9	MP2B	Mx	0	.3
10	MP2B	X	61.598	2.3
11	MP2B	Z	-35.564	2.3
12	MP2B	Mx	0	2.3
13	MP2C	X	33.486	.3
14	MP2C	Z	-19.333	.3
15	MP2C	Mx	-.025	.3
16	MP2C	X	33.486	2.3
17	MP2C	Z	-19.333	2.3
18	MP2C	Mx	-.025	2.3
19	MP7A	X	42.302	3.5
20	MP7A	Z	-24.423	3.5
21	MP7A	Mx	-.016	3.5
22	MP8A	X	39.73	3.5
23	MP8A	Z	-22.938	3.5
24	MP8A	Mx	-.015	3.5
25	MP7A	X	91.979	.5
26	MP7A	Z	-53.104	.5
27	MP7A	Mx	-.003	.5
28	MP7A	X	91.979	3.5
29	MP7A	Z	-53.104	3.5
30	MP7A	Mx	-.003	3.5
31	MP7A	X	91.979	.5
32	MP7A	Z	-53.104	.5
33	MP7A	Mx	.105	.5
34	MP7A	X	91.979	3.5
35	MP7A	Z	-53.104	3.5
36	MP7A	Mx	.105	3.5
37	MP7B	X	106.945	.5
38	MP7B	Z	-61.745	.5
39	MP7B	Mx	.082	.5
40	MP7B	X	106.945	3.5
41	MP7B	Z	-61.745	3.5
42	MP7B	Mx	.082	3.5
43	MP7B	X	106.945	.5
44	MP7B	Z	-61.745	.5
45	MP7B	Mx	-.082	.5
46	MP7B	X	106.945	3.5
47	MP7B	Z	-61.745	3.5
48	MP7B	Mx	-.082	3.5
49	MP6C	X	79.779	.13
50	MP6C	Z	-46.06	.13
51	MP6C	Mx	-.091	.13
52	MP6C	X	79.779	4.13
53	MP6C	Z	-46.06	4.13
54	MP6C	Mx	-.091	4.13
55	MP6C	X	71.816	.13
56	MP6C	Z	-41.463	.13
57	MP6C	Mx	-.052	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	71.816	4.13
59	MP6C	Z	-41.463	4.13
60	MP6C	Mx	-.052	4.13
61	MP1A	X	70.833	.3
62	MP1A	Z	-40.895	.3
63	MP1A	Mx	.031	.3
64	MP1A	X	70.833	4.3
65	MP1A	Z	-40.895	4.3
66	MP1A	Mx	.031	4.3
67	MP1B	X	63.339	.3
68	MP1B	Z	-36.569	.3
69	MP1B	Mx	.019	.3
70	MP1B	X	63.339	4.3
71	MP1B	Z	-36.569	4.3
72	MP1B	Mx	.019	4.3
73	MP1C	X	111.385	.3
74	MP1C	Z	-64.308	.3
75	MP1C	Mx	-.095	.3
76	MP1C	X	111.385	4.3
77	MP1C	Z	-64.308	4.3
78	MP1C	Mx	-.095	4.3
79	MP4C	X	111.385	.3
80	MP4C	Z	-64.308	.3
81	MP4C	Mx	-.095	.3
82	MP4C	X	111.385	4.3
83	MP4C	Z	-64.308	4.3
84	MP4C	Mx	-.095	4.3
85	MP8A	X	70.833	.3
86	MP8A	Z	-40.895	.3
87	MP8A	Mx	.031	.3
88	MP8A	X	70.833	4.3
89	MP8A	Z	-40.895	4.3
90	MP8A	Mx	.031	4.3
91	MP8B	X	63.339	.3
92	MP8B	Z	-36.569	.3
93	MP8B	Mx	.019	.3
94	MP8B	X	63.339	4.3
95	MP8B	Z	-36.569	4.3
96	MP8B	Mx	.019	4.3
97	OVP	X	64.837	1
98	OVP	Z	-37.434	1
99	OVP	Mx	.006	1
100	OVP	X	64.837	1
101	OVP	Z	-37.434	1
102	OVP	Mx	-.006	1
103	MP7B	X	49.016	3.5
104	MP7B	Z	-28.3	3.5
105	MP7B	Mx	0	3.5
106	MP6C	X	36.828	3.5
107	MP6C	Z	-21.263	3.5
108	MP6C	Mx	.018	3.5
109	MP8B	X	49.016	3.5
110	MP8B	Z	-28.3	3.5
111	MP8B	Mx	0	3.5
112	MP7C	X	32.159	3.5
113	MP7C	Z	-18.567	3.5
114	MP7C	Mx	.016	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	69.822	.3
2	MP2A	Z	0	.3
3	MP2A	Mx	.009	.3
4	MP2A	X	69.822	2.3
5	MP2A	Z	0	2.3
6	MP2A	Mx	.009	2.3
7	MP2B	X	60.307	.3
8	MP2B	Z	0	.3
9	MP2B	Mx	.023	.3
10	MP2B	X	60.307	2.3
11	MP2B	Z	0	2.3
12	MP2B	Mx	.023	2.3
13	MP2C	X	27.846	.3
14	MP2C	Z	0	.3
15	MP2C	Mx	-.021	.3
16	MP2C	X	27.846	2.3
17	MP2C	Z	0	2.3
18	MP2C	Mx	-.021	2.3
19	MP7A	X	56.033	3.5
20	MP7A	Z	0	3.5
21	MP7A	Mx	-.005	3.5
22	MP8A	X	55.817	3.5
23	MP8A	Z	0	3.5
24	MP8A	Mx	-.005	3.5
25	MP7A	X	122.228	.5
26	MP7A	Z	0	.5
27	MP7A	Mx	-.064	.5
28	MP7A	X	122.228	3.5
29	MP7A	Z	0	3.5
30	MP7A	Mx	-.064	3.5
31	MP7A	X	122.228	.5
32	MP7A	Z	0	.5
33	MP7A	Mx	.096	.5
34	MP7A	X	122.228	3.5
35	MP7A	Z	0	3.5
36	MP7A	Mx	.096	3.5
37	MP7B	X	113.033	.5
38	MP7B	Z	0	.5
39	MP7B	Mx	.108	.5
40	MP7B	X	113.033	3.5
41	MP7B	Z	0	3.5
42	MP7B	Mx	.108	3.5
43	MP7B	X	113.033	.5
44	MP7B	Z	0	.5
45	MP7B	Mx	-.023	.5
46	MP7B	X	113.033	3.5
47	MP7B	Z	0	3.5
48	MP7B	Mx	-.023	3.5
49	MP6C	X	81.664	.13
50	MP6C	Z	0	.13
51	MP6C	Mx	-.061	.13
52	MP6C	X	81.664	4.13
53	MP6C	Z	0	4.13
54	MP6C	Mx	-.061	4.13
55	MP6C	X	86.557	.13
56	MP6C	Z	0	.13
57	MP6C	Mx	-.081	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	86.557	4.13
59	MP6C	Z	0	4.13
60	MP6C	Mx	-.081	4.13
61	MP1A	X	65.528	.3
62	MP1A	Z	0	.3
63	MP1A	Mx	0	.3
64	MP1A	X	65.528	4.3
65	MP1A	Z	0	4.3
66	MP1A	Mx	0	4.3
67	MP1B	X	103.701	.3
68	MP1B	Z	0	.3
69	MP1B	Mx	.06	.3
70	MP1B	X	103.701	4.3
71	MP1B	Z	0	4.3
72	MP1B	Mx	.06	4.3
73	MP1C	X	122.968	.3
74	MP1C	Z	0	.3
75	MP1C	Mx	-.087	.3
76	MP1C	X	122.968	4.3
77	MP1C	Z	0	4.3
78	MP1C	Mx	-.087	4.3
79	MP4C	X	122.968	.3
80	MP4C	Z	0	.3
81	MP4C	Mx	-.087	.3
82	MP4C	X	122.968	4.3
83	MP4C	Z	0	4.3
84	MP4C	Mx	-.087	4.3
85	MP8A	X	65.528	.3
86	MP8A	Z	0	.3
87	MP8A	Mx	0	.3
88	MP8A	X	65.528	4.3
89	MP8A	Z	0	4.3
90	MP8A	Mx	0	4.3
91	MP8B	X	103.701	.3
92	MP8B	Z	0	.3
93	MP8B	Mx	.06	.3
94	MP8B	X	103.701	4.3
95	MP8B	Z	0	4.3
96	MP8B	Mx	.06	4.3
97	OVP	X	72.564	1
98	OVP	Z	0	1
99	OVP	Mx	-.012	1
100	OVP	X	72.564	1
101	OVP	Z	0	1
102	OVP	Mx	.012	1
103	MP7B	X	51.908	3.5
104	MP7B	Z	0	3.5
105	MP7B	Mx	-.013	3.5
106	MP6C	X	37.834	3.5
107	MP6C	Z	0	3.5
108	MP6C	Mx	.019	3.5
109	MP8B	X	50.111	3.5
110	MP8B	Z	0	3.5
111	MP8B	Mx	-.013	3.5
112	MP7C	X	30.645	3.5
113	MP7C	Z	0	3.5
114	MP7C	Mx	.015	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	57.214	.3
2	MP2A	Z	33.032	.3
3	MP2A	Mx	-.017	.3
4	MP2A	X	57.214	2.3
5	MP2A	Z	33.032	2.3
6	MP2A	Mx	-.017	2.3
7	MP2B	X	33.486	.3
8	MP2B	Z	19.333	.3
9	MP2B	Mx	.025	.3
10	MP2B	X	33.486	2.3
11	MP2B	Z	19.333	2.3
12	MP2B	Mx	.025	2.3
13	MP2C	X	33.486	.3
14	MP2C	Z	19.333	.3
15	MP2C	Mx	-.025	.3
16	MP2C	X	33.486	2.3
17	MP2C	Z	19.333	2.3
18	MP2C	Mx	-.025	2.3
19	MP7A	X	47.115	3.5
20	MP7A	Z	27.202	3.5
21	MP7A	Mx	.009	3.5
22	MP8A	X	46.387	3.5
23	MP8A	Z	26.782	3.5
24	MP8A	Mx	.009	3.5
25	MP7A	X	102.708	.5
26	MP7A	Z	59.298	.5
27	MP7A	Mx	-.105	.5
28	MP7A	X	102.708	3.5
29	MP7A	Z	59.298	3.5
30	MP7A	Mx	-.105	3.5
31	MP7A	X	102.708	.5
32	MP7A	Z	59.298	.5
33	MP7A	Mx	.044	.5
34	MP7A	X	102.708	3.5
35	MP7A	Z	59.298	3.5
36	MP7A	Mx	.044	3.5
37	MP7B	X	79.779	.5
38	MP7B	Z	46.06	.5
39	MP7B	Mx	.091	.5
40	MP7B	X	79.779	3.5
41	MP7B	Z	46.06	3.5
42	MP7B	Mx	.091	3.5
43	MP7B	X	79.779	.5
44	MP7B	Z	46.06	.5
45	MP7B	Mx	.029	.5
46	MP7B	X	79.779	3.5
47	MP7B	Z	46.06	3.5
48	MP7B	Mx	.029	3.5
49	MP6C	X	79.779	.13
50	MP6C	Z	46.06	.13
51	MP6C	Mx	-.029	.13
52	MP6C	X	79.779	4.13
53	MP6C	Z	46.06	4.13
54	MP6C	Mx	-.029	4.13
55	MP6C	X	91.979	.13
56	MP6C	Z	53.104	.13
57	MP6C	Mx	-.105	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	91.979	4.13
59	MP6C	Z	53.104	4.13
60	MP6C	Mx	-.105	4.13
61	MP1A	X	70.833	.3
62	MP1A	Z	40.895	.3
63	MP1A	Mx	-.031	.3
64	MP1A	X	70.833	4.3
65	MP1A	Z	40.895	4.3
66	MP1A	Mx	-.031	4.3
67	MP1B	X	111.385	.3
68	MP1B	Z	64.308	.3
69	MP1B	Mx	.095	.3
70	MP1B	X	111.385	4.3
71	MP1B	Z	64.308	4.3
72	MP1B	Mx	.095	4.3
73	MP1C	X	80.025	.3
74	MP1C	Z	46.202	.3
75	MP1C	Mx	-.045	.3
76	MP1C	X	80.025	4.3
77	MP1C	Z	46.202	4.3
78	MP1C	Mx	-.045	4.3
79	MP4C	X	80.025	.3
80	MP4C	Z	46.202	.3
81	MP4C	Mx	-.045	.3
82	MP4C	X	80.025	4.3
83	MP4C	Z	46.202	4.3
84	MP4C	Mx	-.045	4.3
85	MP8A	X	70.833	.3
86	MP8A	Z	40.895	.3
87	MP8A	Mx	-.031	.3
88	MP8A	X	70.833	4.3
89	MP8A	Z	40.895	4.3
90	MP8A	Mx	-.031	4.3
91	MP8B	X	111.385	.3
92	MP8B	Z	64.308	.3
93	MP8B	Mx	.095	.3
94	MP8B	X	111.385	4.3
95	MP8B	Z	64.308	4.3
96	MP8B	Mx	.095	4.3
97	OVP	X	52.048	1
98	OVP	Z	30.05	1
99	OVP	Mx	-.023	1
100	OVP	X	52.048	1
101	OVP	Z	30.05	1
102	OVP	Mx	.023	1
103	MP7B	X	36.828	3.5
104	MP7B	Z	21.263	3.5
105	MP7B	Mx	-.018	3.5
106	MP6C	X	36.828	3.5
107	MP6C	Z	21.263	3.5
108	MP6C	Mx	.018	3.5
109	MP8B	X	32.159	3.5
110	MP8B	Z	18.567	3.5
111	MP8B	Mx	-.016	3.5
112	MP7C	X	32.159	3.5
113	MP7C	Z	18.567	3.5
114	MP7C	Mx	.016	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	22.865	.3
2	MP2A	Z	39.603	.3
3	MP2A	Mx	-.026	.3
4	MP2A	X	22.865	2.3
5	MP2A	Z	39.603	2.3
6	MP2A	Mx	-.026	2.3
7	MP2B	X	13.923	.3
8	MP2B	Z	24.116	.3
9	MP2B	Mx	.021	.3
10	MP2B	X	13.923	2.3
11	MP2B	Z	24.116	2.3
12	MP2B	Mx	.021	2.3
13	MP2C	X	30.154	.3
14	MP2C	Z	52.228	.3
15	MP2C	Mx	-.023	.3
16	MP2C	X	30.154	2.3
17	MP2C	Z	52.228	2.3
18	MP2C	Mx	-.023	2.3
19	MP7A	X	22.794	3.5
20	MP7A	Z	39.48	3.5
21	MP7A	Mx	.017	3.5
22	MP8A	X	20.684	3.5
23	MP8A	Z	35.827	3.5
24	MP8A	Mx	.016	3.5
25	MP7A	X	49.473	.5
26	MP7A	Z	85.689	.5
27	MP7A	Mx	-.099	.5
28	MP7A	X	49.473	3.5
29	MP7A	Z	85.689	3.5
30	MP7A	Mx	-.099	3.5
31	MP7A	X	49.473	.5
32	MP7A	Z	85.689	.5
33	MP7A	Mx	-.014	.5
34	MP7A	X	49.473	3.5
35	MP7A	Z	85.689	3.5
36	MP7A	Mx	-.014	3.5
37	MP7B	X	40.832	.5
38	MP7B	Z	70.723	.5
39	MP7B	Mx	.061	.5
40	MP7B	X	40.832	3.5
41	MP7B	Z	70.723	3.5
42	MP7B	Mx	.061	3.5
43	MP7B	X	40.832	.5
44	MP7B	Z	70.723	.5
45	MP7B	Mx	.061	.5
46	MP7B	X	40.832	3.5
47	MP7B	Z	70.723	3.5
48	MP7B	Mx	.061	3.5
49	MP6C	X	56.517	.13
50	MP6C	Z	97.89	.13
51	MP6C	Mx	.023	.13
52	MP6C	X	56.517	4.13
53	MP6C	Z	97.89	4.13
54	MP6C	Mx	.023	4.13
55	MP6C	X	61.114	.13
56	MP6C	Z	105.853	.13
57	MP6C	Mx	-.096	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	61.114	4.13
59	MP6C	Z	105.853	4.13
60	MP6C	Mx	-.096	4.13
61	MP1A	X	57.158	.3
62	MP1A	Z	99	.3
63	MP1A	Mx	-.074	.3
64	MP1A	X	57.158	4.3
65	MP1A	Z	99	4.3
66	MP1A	Mx	-.074	4.3
67	MP1B	X	61.484	.3
68	MP1B	Z	106.493	.3
69	MP1B	Mx	.087	.3
70	MP1B	X	61.484	4.3
71	MP1B	Z	106.493	4.3
72	MP1B	Mx	.087	4.3
73	MP1C	X	33.745	.3
74	MP1C	Z	58.448	.3
75	MP1C	Mx	-.009	.3
76	MP1C	X	33.745	4.3
77	MP1C	Z	58.448	4.3
78	MP1C	Mx	-.009	4.3
79	MP4C	X	33.745	.3
80	MP4C	Z	58.448	.3
81	MP4C	Mx	-.009	.3
82	MP4C	X	33.745	4.3
83	MP4C	Z	58.448	4.3
84	MP4C	Mx	-.009	4.3
85	MP8A	X	57.158	.3
86	MP8A	Z	99	.3
87	MP8A	Mx	-.074	.3
88	MP8A	X	57.158	4.3
89	MP8A	Z	99	4.3
90	MP8A	Mx	-.074	4.3
91	MP8B	X	61.484	.3
92	MP8B	Z	106.493	.3
93	MP8B	Mx	.087	.3
94	MP8B	X	61.484	4.3
95	MP8B	Z	106.493	4.3
96	MP8B	Mx	.087	4.3
97	OVP	X	24.969	1
98	OVP	Z	43.248	1
99	OVP	Mx	-.025	1
100	OVP	X	24.969	1
101	OVP	Z	43.248	1
102	OVP	Mx	.025	1
103	MP7B	X	18.917	3.5
104	MP7B	Z	32.765	3.5
105	MP7B	Mx	-.019	3.5
106	MP6C	X	25.954	3.5
107	MP6C	Z	44.954	3.5
108	MP6C	Mx	.013	3.5
109	MP8B	X	15.323	3.5
110	MP8B	Z	26.54	3.5
111	MP8B	Mx	-.015	3.5
112	MP7C	X	25.055	3.5
113	MP7C	Z	43.397	3.5
114	MP7C	Mx	.013	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	0	.3
2	MP2A	Z	29.151	.3
3	MP2A	Mx	-.022	.3
4	MP2A	X	0	2.3
5	MP2A	Z	29.151	2.3
6	MP2A	Mx	-.022	2.3
7	MP2B	X	0	.3
8	MP2B	Z	38.667	.3
9	MP2B	Mx	.025	.3
10	MP2B	X	0	2.3
11	MP2B	Z	38.667	2.3
12	MP2B	Mx	.025	2.3
13	MP2C	X	0	.3
14	MP2C	Z	71.128	.3
15	MP2C	Mx	0	.3
16	MP2C	X	0	2.3
17	MP2C	Z	71.128	2.3
18	MP2C	Mx	0	2.3
19	MP7A	X	0	3.5
20	MP7A	Z	38.4	3.5
21	MP7A	Mx	.019	3.5
22	MP8A	X	0	3.5
23	MP8A	Z	31.428	3.5
24	MP8A	Mx	.015	3.5
25	MP7A	X	0	.5
26	MP7A	Z	82.926	.5
27	MP7A	Mx	-.071	.5
28	MP7A	X	0	3.5
29	MP7A	Z	82.926	3.5
30	MP7A	Mx	-.071	3.5
31	MP7A	X	0	.5
32	MP7A	Z	82.926	.5
33	MP7A	Mx	-.052	.5
34	MP7A	X	0	3.5
35	MP7A	Z	82.926	3.5
36	MP7A	Mx	-.052	3.5
37	MP7B	X	0	.5
38	MP7B	Z	92.121	.5
39	MP7B	Mx	.029	.5
40	MP7B	X	0	3.5
41	MP7B	Z	92.121	3.5
42	MP7B	Mx	.029	3.5
43	MP7B	X	0	.5
44	MP7B	Z	92.121	.5
45	MP7B	Mx	.091	.5
46	MP7B	X	0	3.5
47	MP7B	Z	92.121	3.5
48	MP7B	Mx	.091	3.5
49	MP6C	X	0	.13
50	MP6C	Z	123.489	.13
51	MP6C	Mx	.082	.13
52	MP6C	X	0	4.13
53	MP6C	Z	123.489	4.13
54	MP6C	Mx	.082	4.13
55	MP6C	X	0	.13
56	MP6C	Z	118.597	.13
57	MP6C	Mx	-.044	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	0	4.13
59	MP6C	Z	118.597	4.13
60	MP6C	Mx	-.044	4.13
61	MP1A	X	0	.3
62	MP1A	Z	130.577	.3
63	MP1A	Mx	-.098	.3
64	MP1A	X	0	4.3
65	MP1A	Z	130.577	4.3
66	MP1A	Mx	-.098	4.3
67	MP1B	X	0	.3
68	MP1B	Z	92.405	.3
69	MP1B	Mx	.045	.3
70	MP1B	X	0	4.3
71	MP1B	Z	92.405	4.3
72	MP1B	Mx	.045	4.3
73	MP1C	X	0	.3
74	MP1C	Z	73.137	.3
75	MP1C	Mx	.019	.3
76	MP1C	X	0	4.3
77	MP1C	Z	73.137	4.3
78	MP1C	Mx	.019	4.3
79	MP4C	X	0	.3
80	MP4C	Z	73.137	.3
81	MP4C	Mx	.019	.3
82	MP4C	X	0	4.3
83	MP4C	Z	73.137	4.3
84	MP4C	Mx	.019	4.3
85	MP8A	X	0	.3
86	MP8A	Z	130.577	.3
87	MP8A	Mx	-.098	.3
88	MP8A	X	0	4.3
89	MP8A	Z	130.577	4.3
90	MP8A	Mx	-.098	4.3
91	MP8B	X	0	.3
92	MP8B	Z	92.405	.3
93	MP8B	Mx	.045	.3
94	MP8B	X	0	4.3
95	MP8B	Z	92.405	4.3
96	MP8B	Mx	.045	4.3
97	OVP	X	0	1
98	OVP	Z	52.242	1
99	OVP	Mx	-.025	1
100	OVP	X	0	1
101	OVP	Z	52.242	1
102	OVP	Mx	.025	1
103	MP7B	X	0	3.5
104	MP7B	Z	42.525	3.5
105	MP7B	Mx	-.018	3.5
106	MP6C	X	0	3.5
107	MP6C	Z	56.599	3.5
108	MP6C	Mx	0	3.5
109	MP8B	X	0	3.5
110	MP8B	Z	37.134	3.5
111	MP8B	Mx	-.016	3.5
112	MP7C	X	0	3.5
113	MP7C	Z	56.599	3.5
114	MP7C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-16.455	.3
2	MP2A	Z	28.5	.3
3	MP2A	Mx	-.023	.3
4	MP2A	X	-16.455	2.3
5	MP2A	Z	28.5	2.3
6	MP2A	Mx	-.023	2.3
7	MP2B	X	-30.154	.3
8	MP2B	Z	52.228	.3
9	MP2B	Mx	.023	.3
10	MP2B	X	-30.154	2.3
11	MP2B	Z	52.228	2.3
12	MP2B	Mx	.023	2.3
13	MP2C	X	-30.154	.3
14	MP2C	Z	52.228	.3
15	MP2C	Mx	.023	.3
16	MP2C	X	-30.154	2.3
17	MP2C	Z	52.228	2.3
18	MP2C	Mx	.023	2.3
19	MP7A	X	-20.014	3.5
20	MP7A	Z	34.666	3.5
21	MP7A	Mx	.019	3.5
22	MP8A	X	-16.841	3.5
23	MP8A	Z	29.169	3.5
24	MP8A	Mx	.016	3.5
25	MP7A	X	-43.279	.5
26	MP7A	Z	74.961	.5
27	MP7A	Mx	-.041	.5
28	MP7A	X	-43.279	3.5
29	MP7A	Z	74.961	3.5
30	MP7A	Mx	-.041	3.5
31	MP7A	X	-43.279	.5
32	MP7A	Z	74.961	.5
33	MP7A	Mx	-.081	.5
34	MP7A	X	-43.279	3.5
35	MP7A	Z	74.961	3.5
36	MP7A	Mx	-.081	3.5
37	MP7B	X	-56.517	.5
38	MP7B	Z	97.89	.5
39	MP7B	Mx	-.023	.5
40	MP7B	X	-56.517	3.5
41	MP7B	Z	97.89	3.5
42	MP7B	Mx	-.023	3.5
43	MP7B	X	-56.517	.5
44	MP7B	Z	97.89	.5
45	MP7B	Mx	.108	.5
46	MP7B	X	-56.517	3.5
47	MP7B	Z	97.89	3.5
48	MP7B	Mx	.108	3.5
49	MP6C	X	-56.517	.13
50	MP6C	Z	97.89	.13
51	MP6C	Mx	.108	.13
52	MP6C	X	-56.517	4.13
53	MP6C	Z	97.89	4.13
54	MP6C	Mx	.108	4.13
55	MP6C	X	-49.473	.13
56	MP6C	Z	85.689	.13
57	MP6C	Mx	.014	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-49.473	4.13
59	MP6C	Z	85.689	4.13
60	MP6C	Mx	.014	4.13
61	MP1A	X	-57.158	.3
62	MP1A	Z	99	.3
63	MP1A	Mx	-.074	.3
64	MP1A	X	-57.158	4.3
65	MP1A	Z	99	4.3
66	MP1A	Mx	-.074	4.3
67	MP1B	X	-33.745	.3
68	MP1B	Z	58.448	.3
69	MP1B	Mx	.009	.3
70	MP1B	X	-33.745	4.3
71	MP1B	Z	58.448	4.3
72	MP1B	Mx	.009	4.3
73	MP1C	X	-51.85	.3
74	MP1C	Z	89.807	.3
75	MP1C	Mx	.06	.3
76	MP1C	X	-51.85	4.3
77	MP1C	Z	89.807	4.3
78	MP1C	Mx	.06	4.3
79	MP4C	X	-51.85	.3
80	MP4C	Z	89.807	.3
81	MP4C	Mx	.06	.3
82	MP4C	X	-51.85	4.3
83	MP4C	Z	89.807	4.3
84	MP4C	Mx	.06	4.3
85	MP8A	X	-57.158	.3
86	MP8A	Z	99	.3
87	MP8A	Mx	-.074	.3
88	MP8A	X	-57.158	4.3
89	MP8A	Z	99	4.3
90	MP8A	Mx	-.074	4.3
91	MP8B	X	-33.745	.3
92	MP8B	Z	58.448	.3
93	MP8B	Mx	.009	.3
94	MP8B	X	-33.745	4.3
95	MP8B	Z	58.448	4.3
96	MP8B	Mx	.009	4.3
97	OVP	X	-32.353	1
98	OVP	Z	56.037	1
99	OVP	Mx	-.021	1
100	OVP	X	-32.353	1
101	OVP	Z	56.037	1
102	OVP	Mx	.021	1
103	MP7B	X	-25.954	3.5
104	MP7B	Z	44.954	3.5
105	MP7B	Mx	-.013	3.5
106	MP6C	X	-25.954	3.5
107	MP6C	Z	44.954	3.5
108	MP6C	Mx	-.013	3.5
109	MP8B	X	-25.055	3.5
110	MP8B	Z	43.397	3.5
111	MP8B	Mx	-.013	3.5
112	MP7C	X	-25.055	3.5
113	MP7C	Z	43.397	3.5
114	MP7C	Mx	-.013	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-46.111	.3
2	MP2A	Z	26.622	.3
3	MP2A	Mx	-.026	.3
4	MP2A	X	-46.111	2.3
5	MP2A	Z	26.622	2.3
6	MP2A	Mx	-.026	2.3
7	MP2B	X	-61.598	.3
8	MP2B	Z	35.564	.3
9	MP2B	Mx	0	.3
10	MP2B	X	-61.598	2.3
11	MP2B	Z	35.564	2.3
12	MP2B	Mx	0	2.3
13	MP2C	X	-33.486	.3
14	MP2C	Z	19.333	.3
15	MP2C	Mx	.025	.3
16	MP2C	X	-33.486	2.3
17	MP2C	Z	19.333	2.3
18	MP2C	Mx	.025	2.3
19	MP7A	X	-42.302	3.5
20	MP7A	Z	24.423	3.5
21	MP7A	Mx	.016	3.5
22	MP8A	X	-39.73	3.5
23	MP8A	Z	22.938	3.5
24	MP8A	Mx	.015	3.5
25	MP7A	X	-91.979	.5
26	MP7A	Z	53.104	.5
27	MP7A	Mx	.003	.5
28	MP7A	X	-91.979	3.5
29	MP7A	Z	53.104	3.5
30	MP7A	Mx	.003	3.5
31	MP7A	X	-91.979	.5
32	MP7A	Z	53.104	.5
33	MP7A	Mx	-.105	.5
34	MP7A	X	-91.979	3.5
35	MP7A	Z	53.104	3.5
36	MP7A	Mx	-.105	3.5
37	MP7B	X	-106.945	.5
38	MP7B	Z	61.745	.5
39	MP7B	Mx	-.082	.5
40	MP7B	X	-106.945	3.5
41	MP7B	Z	61.745	3.5
42	MP7B	Mx	-.082	3.5
43	MP7B	X	-106.945	.5
44	MP7B	Z	61.745	.5
45	MP7B	Mx	.082	.5
46	MP7B	X	-106.945	3.5
47	MP7B	Z	61.745	3.5
48	MP7B	Mx	.082	3.5
49	MP6C	X	-79.779	.13
50	MP6C	Z	46.06	.13
51	MP6C	Mx	.091	.13
52	MP6C	X	-79.779	4.13
53	MP6C	Z	46.06	4.13
54	MP6C	Mx	.091	4.13
55	MP6C	X	-71.816	.13
56	MP6C	Z	41.463	.13
57	MP6C	Mx	.052	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-71.816	4.13
59	MP6C	Z	41.463	4.13
60	MP6C	Mx	.052	4.13
61	MP1A	X	-70.833	.3
62	MP1A	Z	40.895	.3
63	MP1A	Mx	-.031	.3
64	MP1A	X	-70.833	4.3
65	MP1A	Z	40.895	4.3
66	MP1A	Mx	-.031	4.3
67	MP1B	X	-63.339	.3
68	MP1B	Z	36.569	.3
69	MP1B	Mx	-.019	.3
70	MP1B	X	-63.339	4.3
71	MP1B	Z	36.569	4.3
72	MP1B	Mx	-.019	4.3
73	MP1C	X	-111.385	.3
74	MP1C	Z	64.308	.3
75	MP1C	Mx	.095	.3
76	MP1C	X	-111.385	4.3
77	MP1C	Z	64.308	4.3
78	MP1C	Mx	.095	4.3
79	MP4C	X	-111.385	.3
80	MP4C	Z	64.308	.3
81	MP4C	Mx	.095	.3
82	MP4C	X	-111.385	4.3
83	MP4C	Z	64.308	4.3
84	MP4C	Mx	.095	4.3
85	MP8A	X	-70.833	.3
86	MP8A	Z	40.895	.3
87	MP8A	Mx	-.031	.3
88	MP8A	X	-70.833	4.3
89	MP8A	Z	40.895	4.3
90	MP8A	Mx	-.031	4.3
91	MP8B	X	-63.339	.3
92	MP8B	Z	36.569	.3
93	MP8B	Mx	-.019	.3
94	MP8B	X	-63.339	4.3
95	MP8B	Z	36.569	4.3
96	MP8B	Mx	-.019	4.3
97	OVP	X	-64.837	1
98	OVP	Z	37.434	1
99	OVP	Mx	-.006	1
100	OVP	X	-64.837	1
101	OVP	Z	37.434	1
102	OVP	Mx	.006	1
103	MP7B	X	-49.016	3.5
104	MP7B	Z	28.3	3.5
105	MP7B	Mx	0	3.5
106	MP6C	X	-36.828	3.5
107	MP6C	Z	21.263	3.5
108	MP6C	Mx	-.018	3.5
109	MP8B	X	-49.016	3.5
110	MP8B	Z	28.3	3.5
111	MP8B	Mx	0	3.5
112	MP7C	X	-32.159	3.5
113	MP7C	Z	18.567	3.5
114	MP7C	Mx	-.016	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-69.822	.3
2	MP2A	Z	0	.3
3	MP2A	Mx	-.009	.3
4	MP2A	X	-69.822	2.3
5	MP2A	Z	0	2.3
6	MP2A	Mx	-.009	2.3
7	MP2B	X	-60.307	.3
8	MP2B	Z	0	.3
9	MP2B	Mx	-.023	.3
10	MP2B	X	-60.307	2.3
11	MP2B	Z	0	2.3
12	MP2B	Mx	-.023	2.3
13	MP2C	X	-27.846	.3
14	MP2C	Z	0	.3
15	MP2C	Mx	.021	.3
16	MP2C	X	-27.846	2.3
17	MP2C	Z	0	2.3
18	MP2C	Mx	.021	2.3
19	MP7A	X	-56.033	3.5
20	MP7A	Z	0	3.5
21	MP7A	Mx	.005	3.5
22	MP8A	X	-55.817	3.5
23	MP8A	Z	0	3.5
24	MP8A	Mx	.005	3.5
25	MP7A	X	-122.228	.5
26	MP7A	Z	0	.5
27	MP7A	Mx	.064	.5
28	MP7A	X	-122.228	3.5
29	MP7A	Z	0	3.5
30	MP7A	Mx	.064	3.5
31	MP7A	X	-122.228	.5
32	MP7A	Z	0	.5
33	MP7A	Mx	-.096	.5
34	MP7A	X	-122.228	3.5
35	MP7A	Z	0	3.5
36	MP7A	Mx	-.096	3.5
37	MP7B	X	-113.033	.5
38	MP7B	Z	0	.5
39	MP7B	Mx	-.108	.5
40	MP7B	X	-113.033	3.5
41	MP7B	Z	0	3.5
42	MP7B	Mx	-.108	3.5
43	MP7B	X	-113.033	.5
44	MP7B	Z	0	.5
45	MP7B	Mx	.023	.5
46	MP7B	X	-113.033	3.5
47	MP7B	Z	0	3.5
48	MP7B	Mx	.023	3.5
49	MP6C	X	-81.664	.13
50	MP6C	Z	0	.13
51	MP6C	Mx	.061	.13
52	MP6C	X	-81.664	4.13
53	MP6C	Z	0	4.13
54	MP6C	Mx	.061	4.13
55	MP6C	X	-86.557	.13
56	MP6C	Z	0	.13
57	MP6C	Mx	.081	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-86.557	4.13
59	MP6C	Z	0	4.13
60	MP6C	Mx	.081	4.13
61	MP1A	X	-65.528	.3
62	MP1A	Z	0	.3
63	MP1A	Mx	0	.3
64	MP1A	X	-65.528	4.3
65	MP1A	Z	0	4.3
66	MP1A	Mx	0	4.3
67	MP1B	X	-103.701	.3
68	MP1B	Z	0	.3
69	MP1B	Mx	-.06	.3
70	MP1B	X	-103.701	4.3
71	MP1B	Z	0	4.3
72	MP1B	Mx	-.06	4.3
73	MP1C	X	-122.968	.3
74	MP1C	Z	0	.3
75	MP1C	Mx	.087	.3
76	MP1C	X	-122.968	4.3
77	MP1C	Z	0	4.3
78	MP1C	Mx	.087	4.3
79	MP4C	X	-122.968	.3
80	MP4C	Z	0	.3
81	MP4C	Mx	.087	.3
82	MP4C	X	-122.968	4.3
83	MP4C	Z	0	4.3
84	MP4C	Mx	.087	4.3
85	MP8A	X	-65.528	.3
86	MP8A	Z	0	.3
87	MP8A	Mx	0	.3
88	MP8A	X	-65.528	4.3
89	MP8A	Z	0	4.3
90	MP8A	Mx	0	4.3
91	MP8B	X	-103.701	.3
92	MP8B	Z	0	.3
93	MP8B	Mx	-.06	.3
94	MP8B	X	-103.701	4.3
95	MP8B	Z	0	4.3
96	MP8B	Mx	-.06	4.3
97	OVP	X	-72.564	1
98	OVP	Z	0	1
99	OVP	Mx	.012	1
100	OVP	X	-72.564	1
101	OVP	Z	0	1
102	OVP	Mx	-.012	1
103	MP7B	X	-51.908	3.5
104	MP7B	Z	0	3.5
105	MP7B	Mx	.013	3.5
106	MP6C	X	-37.834	3.5
107	MP6C	Z	0	3.5
108	MP6C	Mx	-.019	3.5
109	MP8B	X	-50.111	3.5
110	MP8B	Z	0	3.5
111	MP8B	Mx	.013	3.5
112	MP7C	X	-30.645	3.5
113	MP7C	Z	0	3.5
114	MP7C	Mx	-.015	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-57.214	.3
2	MP2A	Z	-33.032	.3
3	MP2A	Mx	.017	.3
4	MP2A	X	-57.214	2.3
5	MP2A	Z	-33.032	2.3
6	MP2A	Mx	.017	2.3
7	MP2B	X	-33.486	.3
8	MP2B	Z	-19.333	.3
9	MP2B	Mx	-.025	.3
10	MP2B	X	-33.486	2.3
11	MP2B	Z	-19.333	2.3
12	MP2B	Mx	-.025	2.3
13	MP2C	X	-33.486	.3
14	MP2C	Z	-19.333	.3
15	MP2C	Mx	.025	.3
16	MP2C	X	-33.486	2.3
17	MP2C	Z	-19.333	2.3
18	MP2C	Mx	.025	2.3
19	MP7A	X	-47.115	3.5
20	MP7A	Z	-27.202	3.5
21	MP7A	Mx	-.009	3.5
22	MP8A	X	-46.387	3.5
23	MP8A	Z	-26.782	3.5
24	MP8A	Mx	-.009	3.5
25	MP7A	X	-102.708	.5
26	MP7A	Z	-59.298	.5
27	MP7A	Mx	.105	.5
28	MP7A	X	-102.708	3.5
29	MP7A	Z	-59.298	3.5
30	MP7A	Mx	.105	3.5
31	MP7A	X	-102.708	.5
32	MP7A	Z	-59.298	.5
33	MP7A	Mx	-.044	.5
34	MP7A	X	-102.708	3.5
35	MP7A	Z	-59.298	3.5
36	MP7A	Mx	-.044	3.5
37	MP7B	X	-79.779	.5
38	MP7B	Z	-46.06	.5
39	MP7B	Mx	-.091	.5
40	MP7B	X	-79.779	3.5
41	MP7B	Z	-46.06	3.5
42	MP7B	Mx	-.091	3.5
43	MP7B	X	-79.779	.5
44	MP7B	Z	-46.06	.5
45	MP7B	Mx	-.029	.5
46	MP7B	X	-79.779	3.5
47	MP7B	Z	-46.06	3.5
48	MP7B	Mx	-.029	3.5
49	MP6C	X	-79.779	.13
50	MP6C	Z	-46.06	.13
51	MP6C	Mx	.029	.13
52	MP6C	X	-79.779	4.13
53	MP6C	Z	-46.06	4.13
54	MP6C	Mx	.029	4.13
55	MP6C	X	-91.979	.13
56	MP6C	Z	-53.104	.13
57	MP6C	Mx	.105	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-91.979	4.13
59	MP6C	Z	-53.104	4.13
60	MP6C	Mx	.105	4.13
61	MP1A	X	-70.833	.3
62	MP1A	Z	-40.895	.3
63	MP1A	Mx	.031	.3
64	MP1A	X	-70.833	4.3
65	MP1A	Z	-40.895	4.3
66	MP1A	Mx	.031	4.3
67	MP1B	X	-111.385	.3
68	MP1B	Z	-64.308	.3
69	MP1B	Mx	-.095	.3
70	MP1B	X	-111.385	4.3
71	MP1B	Z	-64.308	4.3
72	MP1B	Mx	-.095	4.3
73	MP1C	X	-80.025	.3
74	MP1C	Z	-46.202	.3
75	MP1C	Mx	.045	.3
76	MP1C	X	-80.025	4.3
77	MP1C	Z	-46.202	4.3
78	MP1C	Mx	.045	4.3
79	MP4C	X	-80.025	.3
80	MP4C	Z	-46.202	.3
81	MP4C	Mx	.045	.3
82	MP4C	X	-80.025	4.3
83	MP4C	Z	-46.202	4.3
84	MP4C	Mx	.045	4.3
85	MP8A	X	-70.833	.3
86	MP8A	Z	-40.895	.3
87	MP8A	Mx	.031	.3
88	MP8A	X	-70.833	4.3
89	MP8A	Z	-40.895	4.3
90	MP8A	Mx	.031	4.3
91	MP8B	X	-111.385	.3
92	MP8B	Z	-64.308	.3
93	MP8B	Mx	-.095	.3
94	MP8B	X	-111.385	4.3
95	MP8B	Z	-64.308	4.3
96	MP8B	Mx	-.095	4.3
97	OVP	X	-52.048	1
98	OVP	Z	-30.05	1
99	OVP	Mx	.023	1
100	OVP	X	-52.048	1
101	OVP	Z	-30.05	1
102	OVP	Mx	-.023	1
103	MP7B	X	-36.828	3.5
104	MP7B	Z	-21.263	3.5
105	MP7B	Mx	.018	3.5
106	MP6C	X	-36.828	3.5
107	MP6C	Z	-21.263	3.5
108	MP6C	Mx	-.018	3.5
109	MP8B	X	-32.159	3.5
110	MP8B	Z	-18.567	3.5
111	MP8B	Mx	.016	3.5
112	MP7C	X	-32.159	3.5
113	MP7C	Z	-18.567	3.5
114	MP7C	Mx	-.016	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-22.865	.3
2	MP2A	Z	-39.603	.3
3	MP2A	Mx	.026	.3
4	MP2A	X	-22.865	2.3
5	MP2A	Z	-39.603	2.3
6	MP2A	Mx	.026	2.3
7	MP2B	X	-13.923	.3
8	MP2B	Z	-24.116	.3
9	MP2B	Mx	-.021	.3
10	MP2B	X	-13.923	2.3
11	MP2B	Z	-24.116	2.3
12	MP2B	Mx	-.021	2.3
13	MP2C	X	-30.154	.3
14	MP2C	Z	-52.228	.3
15	MP2C	Mx	.023	.3
16	MP2C	X	-30.154	2.3
17	MP2C	Z	-52.228	2.3
18	MP2C	Mx	.023	2.3
19	MP7A	X	-22.794	3.5
20	MP7A	Z	-39.48	3.5
21	MP7A	Mx	-.017	3.5
22	MP8A	X	-20.684	3.5
23	MP8A	Z	-35.827	3.5
24	MP8A	Mx	-.016	3.5
25	MP7A	X	-49.473	.5
26	MP7A	Z	-85.689	.5
27	MP7A	Mx	.099	.5
28	MP7A	X	-49.473	3.5
29	MP7A	Z	-85.689	3.5
30	MP7A	Mx	.099	3.5
31	MP7A	X	-49.473	.5
32	MP7A	Z	-85.689	.5
33	MP7A	Mx	.014	.5
34	MP7A	X	-49.473	3.5
35	MP7A	Z	-85.689	3.5
36	MP7A	Mx	.014	3.5
37	MP7B	X	-40.832	.5
38	MP7B	Z	-70.723	.5
39	MP7B	Mx	-.061	.5
40	MP7B	X	-40.832	3.5
41	MP7B	Z	-70.723	3.5
42	MP7B	Mx	-.061	3.5
43	MP7B	X	-40.832	.5
44	MP7B	Z	-70.723	.5
45	MP7B	Mx	-.061	.5
46	MP7B	X	-40.832	3.5
47	MP7B	Z	-70.723	3.5
48	MP7B	Mx	-.061	3.5
49	MP6C	X	-56.517	.13
50	MP6C	Z	-97.89	.13
51	MP6C	Mx	-.023	.13
52	MP6C	X	-56.517	4.13
53	MP6C	Z	-97.89	4.13
54	MP6C	Mx	-.023	4.13
55	MP6C	X	-61.114	.13
56	MP6C	Z	-105.853	.13
57	MP6C	Mx	.096	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-61.114	4.13
59	MP6C	Z	-105.853	4.13
60	MP6C	Mx	.096	4.13
61	MP1A	X	-57.158	.3
62	MP1A	Z	-99	.3
63	MP1A	Mx	.074	.3
64	MP1A	X	-57.158	4.3
65	MP1A	Z	-99	4.3
66	MP1A	Mx	.074	4.3
67	MP1B	X	-61.484	.3
68	MP1B	Z	-106.493	.3
69	MP1B	Mx	-.087	.3
70	MP1B	X	-61.484	4.3
71	MP1B	Z	-106.493	4.3
72	MP1B	Mx	-.087	4.3
73	MP1C	X	-33.745	.3
74	MP1C	Z	-58.448	.3
75	MP1C	Mx	.009	.3
76	MP1C	X	-33.745	4.3
77	MP1C	Z	-58.448	4.3
78	MP1C	Mx	.009	4.3
79	MP4C	X	-33.745	.3
80	MP4C	Z	-58.448	.3
81	MP4C	Mx	.009	.3
82	MP4C	X	-33.745	4.3
83	MP4C	Z	-58.448	4.3
84	MP4C	Mx	.009	4.3
85	MP8A	X	-57.158	.3
86	MP8A	Z	-99	.3
87	MP8A	Mx	.074	.3
88	MP8A	X	-57.158	4.3
89	MP8A	Z	-99	4.3
90	MP8A	Mx	.074	4.3
91	MP8B	X	-61.484	.3
92	MP8B	Z	-106.493	.3
93	MP8B	Mx	-.087	.3
94	MP8B	X	-61.484	4.3
95	MP8B	Z	-106.493	4.3
96	MP8B	Mx	-.087	4.3
97	OVP	X	-24.969	1
98	OVP	Z	-43.248	1
99	OVP	Mx	.025	1
100	OVP	X	-24.969	1
101	OVP	Z	-43.248	1
102	OVP	Mx	-.025	1
103	MP7B	X	-18.917	3.5
104	MP7B	Z	-32.765	3.5
105	MP7B	Mx	.019	3.5
106	MP6C	X	-25.954	3.5
107	MP6C	Z	-44.954	3.5
108	MP6C	Mx	-.013	3.5
109	MP8B	X	-15.323	3.5
110	MP8B	Z	-26.54	3.5
111	MP8B	Mx	.015	3.5
112	MP7C	X	-25.055	3.5
113	MP7C	Z	-43.397	3.5
114	MP7C	Mx	-.013	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	0	.3
2	MP2A	Z	-6.141	.3
3	MP2A	Mx	.005	.3
4	MP2A	X	0	2.3
5	MP2A	Z	-6.141	2.3
6	MP2A	Mx	.005	2.3
7	MP2B	X	0	.3
8	MP2B	Z	-7.898	.3
9	MP2B	Mx	-.005	.3
10	MP2B	X	0	2.3
11	MP2B	Z	-7.898	2.3
12	MP2B	Mx	-.005	2.3
13	MP2C	X	0	.3
14	MP2C	Z	-13.892	.3
15	MP2C	Mx	0	.3
16	MP2C	X	0	2.3
17	MP2C	Z	-13.892	2.3
18	MP2C	Mx	0	2.3
19	MP7A	X	0	3.5
20	MP7A	Z	-8.224	3.5
21	MP7A	Mx	-.004	3.5
22	MP8A	X	0	3.5
23	MP8A	Z	-6.909	3.5
24	MP8A	Mx	-.003	3.5
25	MP7A	X	0	.5
26	MP7A	Z	-16.447	.5
27	MP7A	Mx	.014	.5
28	MP7A	X	0	3.5
29	MP7A	Z	-16.447	3.5
30	MP7A	Mx	.014	3.5
31	MP7A	X	0	.5
32	MP7A	Z	-16.447	.5
33	MP7A	Mx	.01	.5
34	MP7A	X	0	3.5
35	MP7A	Z	-16.447	3.5
36	MP7A	Mx	.01	3.5
37	MP7B	X	0	.5
38	MP7B	Z	-18.059	.5
39	MP7B	Mx	-.006	.5
40	MP7B	X	0	3.5
41	MP7B	Z	-18.059	3.5
42	MP7B	Mx	-.006	3.5
43	MP7B	X	0	.5
44	MP7B	Z	-18.059	.5
45	MP7B	Mx	-.018	.5
46	MP7B	X	0	3.5
47	MP7B	Z	-18.059	3.5
48	MP7B	Mx	-.018	3.5
49	MP6C	X	0	.13
50	MP6C	Z	-23.56	.13
51	MP6C	Mx	-.016	.13
52	MP6C	X	0	4.13
53	MP6C	Z	-23.56	4.13
54	MP6C	Mx	-.016	4.13
55	MP6C	X	0	.13
56	MP6C	Z	-22.702	.13
57	MP6C	Mx	.008	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	0	4.13
59	MP6C	Z	-22.702	4.13
60	MP6C	Mx	.008	4.13
61	MP1A	X	0	.3
62	MP1A	Z	-24.82	.3
63	MP1A	Mx	.019	.3
64	MP1A	X	0	4.3
65	MP1A	Z	-24.82	4.3
66	MP1A	Mx	.019	4.3
67	MP1B	X	0	.3
68	MP1B	Z	-18.046	.3
69	MP1B	Mx	-.009	.3
70	MP1B	X	0	4.3
71	MP1B	Z	-18.046	4.3
72	MP1B	Mx	-.009	4.3
73	MP1C	X	0	.3
74	MP1C	Z	-14.626	.3
75	MP1C	Mx	-.004	.3
76	MP1C	X	0	4.3
77	MP1C	Z	-14.626	4.3
78	MP1C	Mx	-.004	4.3
79	MP4C	X	0	.3
80	MP4C	Z	-14.626	.3
81	MP4C	Mx	-.004	.3
82	MP4C	X	0	4.3
83	MP4C	Z	-14.626	4.3
84	MP4C	Mx	-.004	4.3
85	MP8A	X	0	.3
86	MP8A	Z	-24.82	.3
87	MP8A	Mx	.019	.3
88	MP8A	X	0	4.3
89	MP8A	Z	-24.82	4.3
90	MP8A	Mx	.019	4.3
91	MP8B	X	0	.3
92	MP8B	Z	-18.046	.3
93	MP8B	Mx	-.009	.3
94	MP8B	X	0	4.3
95	MP8B	Z	-18.046	4.3
96	MP8B	Mx	-.009	4.3
97	OVP	X	0	1
98	OVP	Z	-10.899	1
99	OVP	Mx	.005	1
100	OVP	X	0	1
101	OVP	Z	-10.899	1
102	OVP	Mx	-.005	1
103	MP7B	X	0	3.5
104	MP7B	Z	-9.009	3.5
105	MP7B	Mx	.004	3.5
106	MP6C	X	0	3.5
107	MP6C	Z	-11.685	3.5
108	MP6C	Mx	0	3.5
109	MP8B	X	0	3.5
110	MP8B	Z	-7.992	3.5
111	MP8B	Mx	.003	3.5
112	MP7C	X	0	3.5
113	MP7C	Z	-11.685	3.5
114	MP7C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	3.417	.3
2	MP2A	Z	-5.919	.3
3	MP2A	Mx	.005	.3
4	MP2A	X	3.417	2.3
5	MP2A	Z	-5.919	2.3
6	MP2A	Mx	.005	2.3
7	MP2B	X	5.947	.3
8	MP2B	Z	-10.301	.3
9	MP2B	Mx	-.004	.3
10	MP2B	X	5.947	2.3
11	MP2B	Z	-10.301	2.3
12	MP2B	Mx	-.004	2.3
13	MP2C	X	5.947	.3
14	MP2C	Z	-10.301	.3
15	MP2C	Mx	-.004	.3
16	MP2C	X	5.947	2.3
17	MP2C	Z	-10.301	2.3
18	MP2C	Mx	-.004	2.3
19	MP7A	X	4.267	3.5
20	MP7A	Z	-7.391	3.5
21	MP7A	Mx	-.004	3.5
22	MP8A	X	3.668	3.5
23	MP8A	Z	-6.354	3.5
24	MP8A	Mx	-.003	3.5
25	MP7A	X	8.542	.5
26	MP7A	Z	-14.795	.5
27	MP7A	Mx	.008	.5
28	MP7A	X	8.542	3.5
29	MP7A	Z	-14.795	3.5
30	MP7A	Mx	.008	3.5
31	MP7A	X	8.542	.5
32	MP7A	Z	-14.795	.5
33	MP7A	Mx	.016	.5
34	MP7A	X	8.542	3.5
35	MP7A	Z	-14.795	3.5
36	MP7A	Mx	.016	3.5
37	MP7B	X	10.863	.5
38	MP7B	Z	-18.816	.5
39	MP7B	Mx	.004	.5
40	MP7B	X	10.863	3.5
41	MP7B	Z	-18.816	3.5
42	MP7B	Mx	.004	3.5
43	MP7B	X	10.863	.5
44	MP7B	Z	-18.816	.5
45	MP7B	Mx	-.021	.5
46	MP7B	X	10.863	3.5
47	MP7B	Z	-18.816	3.5
48	MP7B	Mx	-.021	3.5
49	MP6C	X	10.863	.13
50	MP6C	Z	-18.816	.13
51	MP6C	Mx	-.021	.13
52	MP6C	X	10.863	4.13
53	MP6C	Z	-18.816	4.13
54	MP6C	Mx	-.021	4.13
55	MP6C	X	9.628	.13
56	MP6C	Z	-16.676	.13
57	MP6C	Mx	-.003	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	9.628	4.13
59	MP6C	Z	-16.676	4.13
60	MP6C	Mx	-.003	4.13
61	MP1A	X	10.967	.3
62	MP1A	Z	-18.995	.3
63	MP1A	Mx	.014	.3
64	MP1A	X	10.967	4.3
65	MP1A	Z	-18.995	4.3
66	MP1A	Mx	.014	4.3
67	MP1B	X	6.812	.3
68	MP1B	Z	-11.798	.3
69	MP1B	Mx	-.002	.3
70	MP1B	X	6.812	4.3
71	MP1B	Z	-11.798	4.3
72	MP1B	Mx	-.002	4.3
73	MP1C	X	10.025	.3
74	MP1C	Z	-17.364	.3
75	MP1C	Mx	-.012	.3
76	MP1C	X	10.025	4.3
77	MP1C	Z	-17.364	4.3
78	MP1C	Mx	-.012	4.3
79	MP4C	X	10.025	.3
80	MP4C	Z	-17.364	.3
81	MP4C	Mx	-.012	.3
82	MP4C	X	10.025	4.3
83	MP4C	Z	-17.364	4.3
84	MP4C	Mx	-.012	4.3
85	MP8A	X	10.967	.3
86	MP8A	Z	-18.995	.3
87	MP8A	Mx	.014	.3
88	MP8A	X	10.967	4.3
89	MP8A	Z	-18.995	4.3
90	MP8A	Mx	.014	4.3
91	MP8B	X	6.812	.3
92	MP8B	Z	-11.798	.3
93	MP8B	Mx	-.002	.3
94	MP8B	X	6.812	4.3
95	MP8B	Z	-11.798	4.3
96	MP8B	Mx	-.002	4.3
97	OVP	X	6.604	1
98	OVP	Z	-11.438	1
99	OVP	Mx	.004	1
100	OVP	X	6.604	1
101	OVP	Z	-11.438	1
102	OVP	Mx	-.004	1
103	MP7B	X	5.397	3.5
104	MP7B	Z	-9.347	3.5
105	MP7B	Mx	.003	3.5
106	MP6C	X	5.397	3.5
107	MP6C	Z	-9.347	3.5
108	MP6C	Mx	.003	3.5
109	MP8B	X	5.227	3.5
110	MP8B	Z	-9.054	3.5
111	MP8B	Mx	.003	3.5
112	MP7C	X	5.227	3.5
113	MP7C	Z	-9.054	3.5
114	MP7C	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	9.171	.3
2	MP2A	Z	-5.295	.3
3	MP2A	Mx	.005	.3
4	MP2A	X	9.171	2.3
5	MP2A	Z	-5.295	2.3
6	MP2A	Mx	.005	2.3
7	MP2B	X	12.031	.3
8	MP2B	Z	-6.946	.3
9	MP2B	Mx	0	.3
10	MP2B	X	12.031	2.3
11	MP2B	Z	-6.946	2.3
12	MP2B	Mx	0	2.3
13	MP2C	X	6.84	.3
14	MP2C	Z	-3.949	.3
15	MP2C	Mx	-.005	.3
16	MP2C	X	6.84	2.3
17	MP2C	Z	-3.949	2.3
18	MP2C	Mx	-.005	2.3
19	MP7A	X	8.843	3.5
20	MP7A	Z	-5.105	3.5
21	MP7A	Mx	-.003	3.5
22	MP8A	X	8.358	3.5
23	MP8A	Z	-4.825	3.5
24	MP8A	Mx	-.003	3.5
25	MP7A	X	17.779	.5
26	MP7A	Z	-10.265	.5
27	MP7A	Mx	-.000587	.5
28	MP7A	X	17.779	3.5
29	MP7A	Z	-10.265	3.5
30	MP7A	Mx	-.000587	3.5
31	MP7A	X	17.779	.5
32	MP7A	Z	-10.265	.5
33	MP7A	Mx	.02	.5
34	MP7A	X	17.779	3.5
35	MP7A	Z	-10.265	3.5
36	MP7A	Mx	.02	3.5
37	MP7B	X	20.404	.5
38	MP7B	Z	-11.78	.5
39	MP7B	Mx	.016	.5
40	MP7B	X	20.404	3.5
41	MP7B	Z	-11.78	3.5
42	MP7B	Mx	.016	3.5
43	MP7B	X	20.404	.5
44	MP7B	Z	-11.78	.5
45	MP7B	Mx	-.016	.5
46	MP7B	X	20.404	3.5
47	MP7B	Z	-11.78	3.5
48	MP7B	Mx	-.016	3.5
49	MP6C	X	15.64	.13
50	MP6C	Z	-9.03	.13
51	MP6C	Mx	-.018	.13
52	MP6C	X	15.64	4.13
53	MP6C	Z	-9.03	4.13
54	MP6C	Mx	-.018	4.13
55	MP6C	X	14.243	.13
56	MP6C	Z	-8.223	.13
57	MP6C	Mx	-.01	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	14.243	4.13
59	MP6C	Z	-8.223	4.13
60	MP6C	Mx	-.01	4.13
61	MP1A	X	13.996	.3
62	MP1A	Z	-8.081	.3
63	MP1A	Mx	.006	.3
64	MP1A	X	13.996	4.3
65	MP1A	Z	-8.081	4.3
66	MP1A	Mx	.006	4.3
67	MP1B	X	12.666	.3
68	MP1B	Z	-7.313	.3
69	MP1B	Mx	.004	.3
70	MP1B	X	12.666	4.3
71	MP1B	Z	-7.313	4.3
72	MP1B	Mx	.004	4.3
73	MP1C	X	21.194	.3
74	MP1C	Z	-12.236	.3
75	MP1C	Mx	-.018	.3
76	MP1C	X	21.194	4.3
77	MP1C	Z	-12.236	4.3
78	MP1C	Mx	-.018	4.3
79	MP4C	X	21.194	.3
80	MP4C	Z	-12.236	.3
81	MP4C	Mx	-.018	.3
82	MP4C	X	21.194	4.3
83	MP4C	Z	-12.236	4.3
84	MP4C	Mx	-.018	4.3
85	MP8A	X	13.996	.3
86	MP8A	Z	-8.081	.3
87	MP8A	Mx	.006	.3
88	MP8A	X	13.996	4.3
89	MP8A	Z	-8.081	4.3
90	MP8A	Mx	.006	4.3
91	MP8B	X	12.666	.3
92	MP8B	Z	-7.313	.3
93	MP8B	Mx	.004	.3
94	MP8B	X	12.666	4.3
95	MP8B	Z	-7.313	4.3
96	MP8B	Mx	.004	4.3
97	OVP	X	13.067	1
98	OVP	Z	-7.544	1
99	OVP	Mx	.001	1
100	OVP	X	13.067	1
101	OVP	Z	-7.544	1
102	OVP	Mx	-.001	1
103	MP7B	X	10.12	3.5
104	MP7B	Z	-5.843	3.5
105	MP7B	Mx	0	3.5
106	MP6C	X	7.802	3.5
107	MP6C	Z	-4.504	3.5
108	MP6C	Mx	.004	3.5
109	MP8B	X	10.12	3.5
110	MP8B	Z	-5.843	3.5
111	MP8B	Mx	0	3.5
112	MP7C	X	6.921	3.5
113	MP7C	Z	-3.996	3.5
114	MP7C	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	13.651	.3
2	MP2A	Z	0	.3
3	MP2A	Mx	.002	.3
4	MP2A	X	13.651	2.3
5	MP2A	Z	0	2.3
6	MP2A	Mx	.002	2.3
7	MP2B	X	11.894	.3
8	MP2B	Z	0	.3
9	MP2B	Mx	.004	.3
10	MP2B	X	11.894	2.3
11	MP2B	Z	0	2.3
12	MP2B	Mx	.004	2.3
13	MP2C	X	5.9	.3
14	MP2C	Z	0	.3
15	MP2C	Mx	-.004	.3
16	MP2C	X	5.9	2.3
17	MP2C	Z	0	2.3
18	MP2C	Mx	-.004	2.3
19	MP7A	X	11.578	3.5
20	MP7A	Z	0	3.5
21	MP7A	Mx	-.001	3.5
22	MP8A	X	11.537	3.5
23	MP8A	Z	0	3.5
24	MP8A	Mx	-.001	3.5
25	MP7A	X	23.339	.5
26	MP7A	Z	0	.5
27	MP7A	Mx	-.012	.5
28	MP7A	X	23.339	3.5
29	MP7A	Z	0	3.5
30	MP7A	Mx	-.012	3.5
31	MP7A	X	23.339	.5
32	MP7A	Z	0	.5
33	MP7A	Mx	.018	.5
34	MP7A	X	23.339	3.5
35	MP7A	Z	0	3.5
36	MP7A	Mx	.018	3.5
37	MP7B	X	21.727	.5
38	MP7B	Z	0	.5
39	MP7B	Mx	.021	.5
40	MP7B	X	21.727	3.5
41	MP7B	Z	0	3.5
42	MP7B	Mx	.021	3.5
43	MP7B	X	21.727	.5
44	MP7B	Z	0	.5
45	MP7B	Mx	-.004	.5
46	MP7B	X	21.727	3.5
47	MP7B	Z	0	3.5
48	MP7B	Mx	-.004	3.5
49	MP6C	X	16.226	.13
50	MP6C	Z	0	.13
51	MP6C	Mx	-.012	.13
52	MP6C	X	16.226	4.13
53	MP6C	Z	0	4.13
54	MP6C	Mx	-.012	4.13
55	MP6C	X	17.084	.13
56	MP6C	Z	0	.13
57	MP6C	Mx	-.016	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	17.084	4.13
59	MP6C	Z	0	4.13
60	MP6C	Mx	-.016	4.13
61	MP1A	X	13.275	.3
62	MP1A	Z	0	.3
63	MP1A	Mx	0	.3
64	MP1A	X	13.275	4.3
65	MP1A	Z	0	4.3
66	MP1A	Mx	0	4.3
67	MP1B	X	20.05	.3
68	MP1B	Z	0	.3
69	MP1B	Mx	.012	.3
70	MP1B	X	20.05	4.3
71	MP1B	Z	0	4.3
72	MP1B	Mx	.012	4.3
73	MP1C	X	23.47	.3
74	MP1C	Z	0	.3
75	MP1C	Mx	-.017	.3
76	MP1C	X	23.47	4.3
77	MP1C	Z	0	4.3
78	MP1C	Mx	-.017	4.3
79	MP4C	X	23.47	.3
80	MP4C	Z	0	.3
81	MP4C	Mx	-.017	.3
82	MP4C	X	23.47	4.3
83	MP4C	Z	0	4.3
84	MP4C	Mx	-.017	4.3
85	MP8A	X	13.275	.3
86	MP8A	Z	0	.3
87	MP8A	Mx	0	.3
88	MP8A	X	13.275	4.3
89	MP8A	Z	0	4.3
90	MP8A	Mx	0	4.3
91	MP8B	X	20.05	.3
92	MP8B	Z	0	.3
93	MP8B	Mx	.012	.3
94	MP8B	X	20.05	4.3
95	MP8B	Z	0	4.3
96	MP8B	Mx	.012	4.3
97	OVP	X	14.662	1
98	OVP	Z	0	1
99	OVP	Mx	-.003	1
100	OVP	X	14.662	1
101	OVP	Z	0	1
102	OVP	Mx	.003	1
103	MP7B	X	10.793	3.5
104	MP7B	Z	0	3.5
105	MP7B	Mx	-.003	3.5
106	MP6C	X	8.117	3.5
107	MP6C	Z	0	3.5
108	MP6C	Mx	.004	3.5
109	MP8B	X	10.454	3.5
110	MP8B	Z	0	3.5
111	MP8B	Mx	-.003	3.5
112	MP7C	X	6.761	3.5
113	MP7C	Z	0	3.5
114	MP7C	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	11.221	.3
2	MP2A	Z	6.479	.3
3	MP2A	Mx	-.003	.3
4	MP2A	X	11.221	2.3
5	MP2A	Z	6.479	2.3
6	MP2A	Mx	-.003	2.3
7	MP2B	X	6.84	.3
8	MP2B	Z	3.949	.3
9	MP2B	Mx	.005	.3
10	MP2B	X	6.84	2.3
11	MP2B	Z	3.949	2.3
12	MP2B	Mx	.005	2.3
13	MP2C	X	6.84	.3
14	MP2C	Z	3.949	.3
15	MP2C	Mx	-.005	.3
16	MP2C	X	6.84	2.3
17	MP2C	Z	3.949	2.3
18	MP2C	Mx	-.005	2.3
19	MP7A	X	9.758	3.5
20	MP7A	Z	5.634	3.5
21	MP7A	Mx	.002	3.5
22	MP8A	X	9.621	3.5
23	MP8A	Z	5.555	3.5
24	MP8A	Mx	.002	3.5
25	MP7A	X	19.661	.5
26	MP7A	Z	11.351	.5
27	MP7A	Mx	-.02	.5
28	MP7A	X	19.661	3.5
29	MP7A	Z	11.351	3.5
30	MP7A	Mx	-.02	3.5
31	MP7A	X	19.661	.5
32	MP7A	Z	11.351	.5
33	MP7A	Mx	.008	.5
34	MP7A	X	19.661	3.5
35	MP7A	Z	11.351	3.5
36	MP7A	Mx	.008	3.5
37	MP7B	X	15.64	.5
38	MP7B	Z	9.03	.5
39	MP7B	Mx	.018	.5
40	MP7B	X	15.64	3.5
41	MP7B	Z	9.03	3.5
42	MP7B	Mx	.018	3.5
43	MP7B	X	15.64	.5
44	MP7B	Z	9.03	.5
45	MP7B	Mx	.006	.5
46	MP7B	X	15.64	3.5
47	MP7B	Z	9.03	3.5
48	MP7B	Mx	.006	3.5
49	MP6C	X	15.64	.13
50	MP6C	Z	9.03	.13
51	MP6C	Mx	-.006	.13
52	MP6C	X	15.64	4.13
53	MP6C	Z	9.03	4.13
54	MP6C	Mx	-.006	4.13
55	MP6C	X	17.779	.13
56	MP6C	Z	10.265	.13
57	MP6C	Mx	-.02	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	17.779	4.13
59	MP6C	Z	10.265	4.13
60	MP6C	Mx	-.02	4.13
61	MP1A	X	13.996	.3
62	MP1A	Z	8.081	.3
63	MP1A	Mx	-.006	.3
64	MP1A	X	13.996	4.3
65	MP1A	Z	8.081	4.3
66	MP1A	Mx	-.006	4.3
67	MP1B	X	21.194	.3
68	MP1B	Z	12.236	.3
69	MP1B	Mx	.018	.3
70	MP1B	X	21.194	4.3
71	MP1B	Z	12.236	4.3
72	MP1B	Mx	.018	4.3
73	MP1C	X	15.628	.3
74	MP1C	Z	9.023	.3
75	MP1C	Mx	-.009	.3
76	MP1C	X	15.628	4.3
77	MP1C	Z	9.023	4.3
78	MP1C	Mx	-.009	4.3
79	MP4C	X	15.628	.3
80	MP4C	Z	9.023	.3
81	MP4C	Mx	-.009	.3
82	MP4C	X	15.628	4.3
83	MP4C	Z	9.023	4.3
84	MP4C	Mx	-.009	4.3
85	MP8A	X	13.996	.3
86	MP8A	Z	8.081	.3
87	MP8A	Mx	-.006	.3
88	MP8A	X	13.996	4.3
89	MP8A	Z	8.081	4.3
90	MP8A	Mx	-.006	4.3
91	MP8B	X	21.194	.3
92	MP8B	Z	12.236	.3
93	MP8B	Mx	.018	.3
94	MP8B	X	21.194	4.3
95	MP8B	Z	12.236	4.3
96	MP8B	Mx	.018	4.3
97	OVP	X	10.699	1
98	OVP	Z	6.177	1
99	OVP	Mx	-.005	1
100	OVP	X	10.699	1
101	OVP	Z	6.177	1
102	OVP	Mx	.005	1
103	MP7B	X	7.802	3.5
104	MP7B	Z	4.504	3.5
105	MP7B	Mx	-.004	3.5
106	MP6C	X	7.802	3.5
107	MP6C	Z	4.504	3.5
108	MP6C	Mx	.004	3.5
109	MP8B	X	6.921	3.5
110	MP8B	Z	3.996	3.5
111	MP8B	Mx	-.003	3.5
112	MP7C	X	6.921	3.5
113	MP7C	Z	3.996	3.5
114	MP7C	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	4.601	.3
2	MP2A	Z	7.969	.3
3	MP2A	Mx	-.005	.3
4	MP2A	X	4.601	2.3
5	MP2A	Z	7.969	2.3
6	MP2A	Mx	-.005	2.3
7	MP2B	X	2.95	.3
8	MP2B	Z	5.109	.3
9	MP2B	Mx	.004	.3
10	MP2B	X	2.95	2.3
11	MP2B	Z	5.109	2.3
12	MP2B	Mx	.004	2.3
13	MP2C	X	5.947	.3
14	MP2C	Z	10.301	.3
15	MP2C	Mx	-.004	.3
16	MP2C	X	5.947	2.3
17	MP2C	Z	10.301	2.3
18	MP2C	Mx	-.004	2.3
19	MP7A	X	4.796	3.5
20	MP7A	Z	8.306	3.5
21	MP7A	Mx	.004	3.5
22	MP8A	X	4.398	3.5
23	MP8A	Z	7.617	3.5
24	MP8A	Mx	.003	3.5
25	MP7A	X	9.628	.5
26	MP7A	Z	16.676	.5
27	MP7A	Mx	-.019	.5
28	MP7A	X	9.628	3.5
29	MP7A	Z	16.676	3.5
30	MP7A	Mx	-.019	3.5
31	MP7A	X	9.628	.5
32	MP7A	Z	16.676	.5
33	MP7A	Mx	-.003	.5
34	MP7A	X	9.628	3.5
35	MP7A	Z	16.676	3.5
36	MP7A	Mx	-.003	3.5
37	MP7B	X	8.113	.5
38	MP7B	Z	14.052	.5
39	MP7B	Mx	.012	.5
40	MP7B	X	8.113	3.5
41	MP7B	Z	14.052	3.5
42	MP7B	Mx	.012	3.5
43	MP7B	X	8.113	.5
44	MP7B	Z	14.052	.5
45	MP7B	Mx	.012	.5
46	MP7B	X	8.113	3.5
47	MP7B	Z	14.052	3.5
48	MP7B	Mx	.012	3.5
49	MP6C	X	10.863	.13
50	MP6C	Z	18.816	.13
51	MP6C	Mx	.004	.13
52	MP6C	X	10.863	4.13
53	MP6C	Z	18.816	4.13
54	MP6C	Mx	.004	4.13
55	MP6C	X	11.67	.13
56	MP6C	Z	20.212	.13
57	MP6C	Mx	-.018	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	11.67	4.13
59	MP6C	Z	20.212	4.13
60	MP6C	Mx	-.018	4.13
61	MP1A	X	10.967	.3
62	MP1A	Z	18.995	.3
63	MP1A	Mx	-.014	.3
64	MP1A	X	10.967	4.3
65	MP1A	Z	18.995	4.3
66	MP1A	Mx	-.014	4.3
67	MP1B	X	11.735	.3
68	MP1B	Z	20.325	.3
69	MP1B	Mx	.017	.3
70	MP1B	X	11.735	4.3
71	MP1B	Z	20.325	4.3
72	MP1B	Mx	.017	4.3
73	MP1C	X	6.812	.3
74	MP1C	Z	11.798	.3
75	MP1C	Mx	-.002	.3
76	MP1C	X	6.812	4.3
77	MP1C	Z	11.798	4.3
78	MP1C	Mx	-.002	4.3
79	MP4C	X	6.812	.3
80	MP4C	Z	11.798	.3
81	MP4C	Mx	-.002	.3
82	MP4C	X	6.812	4.3
83	MP4C	Z	11.798	4.3
84	MP4C	Mx	-.002	4.3
85	MP8A	X	10.967	.3
86	MP8A	Z	18.995	.3
87	MP8A	Mx	-.014	.3
88	MP8A	X	10.967	4.3
89	MP8A	Z	18.995	4.3
90	MP8A	Mx	-.014	4.3
91	MP8B	X	11.735	.3
92	MP8B	Z	20.325	.3
93	MP8B	Mx	.017	.3
94	MP8B	X	11.735	4.3
95	MP8B	Z	20.325	4.3
96	MP8B	Mx	.017	4.3
97	OVP	X	5.236	1
98	OVP	Z	9.069	1
99	OVP	Mx	-.005	1
100	OVP	X	5.236	1
101	OVP	Z	9.069	1
102	OVP	Mx	.005	1
103	MP7B	X	4.058	3.5
104	MP7B	Z	7.029	3.5
105	MP7B	Mx	-.004	3.5
106	MP6C	X	5.397	3.5
107	MP6C	Z	9.347	3.5
108	MP6C	Mx	.003	3.5
109	MP8B	X	3.38	3.5
110	MP8B	Z	5.855	3.5
111	MP8B	Mx	-.003	3.5
112	MP7C	X	5.227	3.5
113	MP7C	Z	9.054	3.5
114	MP7C	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	0	.3
2	MP2A	Z	6.141	.3
3	MP2A	Mx	-.005	.3
4	MP2A	X	0	2.3
5	MP2A	Z	6.141	2.3
6	MP2A	Mx	-.005	2.3
7	MP2B	X	0	.3
8	MP2B	Z	7.898	.3
9	MP2B	Mx	.005	.3
10	MP2B	X	0	2.3
11	MP2B	Z	7.898	2.3
12	MP2B	Mx	.005	2.3
13	MP2C	X	0	.3
14	MP2C	Z	13.892	.3
15	MP2C	Mx	0	.3
16	MP2C	X	0	2.3
17	MP2C	Z	13.892	2.3
18	MP2C	Mx	0	2.3
19	MP7A	X	0	3.5
20	MP7A	Z	8.224	3.5
21	MP7A	Mx	.004	3.5
22	MP8A	X	0	3.5
23	MP8A	Z	6.909	3.5
24	MP8A	Mx	.003	3.5
25	MP7A	X	0	.5
26	MP7A	Z	16.447	.5
27	MP7A	Mx	-.014	.5
28	MP7A	X	0	3.5
29	MP7A	Z	16.447	3.5
30	MP7A	Mx	-.014	3.5
31	MP7A	X	0	.5
32	MP7A	Z	16.447	.5
33	MP7A	Mx	-.01	.5
34	MP7A	X	0	3.5
35	MP7A	Z	16.447	3.5
36	MP7A	Mx	-.01	3.5
37	MP7B	X	0	.5
38	MP7B	Z	18.059	.5
39	MP7B	Mx	.006	.5
40	MP7B	X	0	3.5
41	MP7B	Z	18.059	3.5
42	MP7B	Mx	.006	3.5
43	MP7B	X	0	.5
44	MP7B	Z	18.059	.5
45	MP7B	Mx	.018	.5
46	MP7B	X	0	3.5
47	MP7B	Z	18.059	3.5
48	MP7B	Mx	.018	3.5
49	MP6C	X	0	.13
50	MP6C	Z	23.56	.13
51	MP6C	Mx	.016	.13
52	MP6C	X	0	4.13
53	MP6C	Z	23.56	4.13
54	MP6C	Mx	.016	4.13
55	MP6C	X	0	.13
56	MP6C	Z	22.702	.13
57	MP6C	Mx	-.008	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	0	4.13
59	MP6C	Z	22.702	4.13
60	MP6C	Mx	-.008	4.13
61	MP1A	X	0	.3
62	MP1A	Z	24.82	.3
63	MP1A	Mx	-.019	.3
64	MP1A	X	0	4.3
65	MP1A	Z	24.82	4.3
66	MP1A	Mx	-.019	4.3
67	MP1B	X	0	.3
68	MP1B	Z	18.046	.3
69	MP1B	Mx	.009	.3
70	MP1B	X	0	4.3
71	MP1B	Z	18.046	4.3
72	MP1B	Mx	.009	4.3
73	MP1C	X	0	.3
74	MP1C	Z	14.626	.3
75	MP1C	Mx	.004	.3
76	MP1C	X	0	4.3
77	MP1C	Z	14.626	4.3
78	MP1C	Mx	.004	4.3
79	MP4C	X	0	.3
80	MP4C	Z	14.626	.3
81	MP4C	Mx	.004	.3
82	MP4C	X	0	4.3
83	MP4C	Z	14.626	4.3
84	MP4C	Mx	.004	4.3
85	MP8A	X	0	.3
86	MP8A	Z	24.82	.3
87	MP8A	Mx	-.019	.3
88	MP8A	X	0	4.3
89	MP8A	Z	24.82	4.3
90	MP8A	Mx	-.019	4.3
91	MP8B	X	0	.3
92	MP8B	Z	18.046	.3
93	MP8B	Mx	.009	.3
94	MP8B	X	0	4.3
95	MP8B	Z	18.046	4.3
96	MP8B	Mx	.009	4.3
97	OVP	X	0	1
98	OVP	Z	10.899	1
99	OVP	Mx	-.005	1
100	OVP	X	0	1
101	OVP	Z	10.899	1
102	OVP	Mx	.005	1
103	MP7B	X	0	3.5
104	MP7B	Z	9.009	3.5
105	MP7B	Mx	-.004	3.5
106	MP6C	X	0	3.5
107	MP6C	Z	11.685	3.5
108	MP6C	Mx	0	3.5
109	MP8B	X	0	3.5
110	MP8B	Z	7.992	3.5
111	MP8B	Mx	-.003	3.5
112	MP7C	X	0	3.5
113	MP7C	Z	11.685	3.5
114	MP7C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-3.417	.3
2	MP2A	Z	5.919	.3
3	MP2A	Mx	-.005	.3
4	MP2A	X	-3.417	2.3
5	MP2A	Z	5.919	2.3
6	MP2A	Mx	-.005	2.3
7	MP2B	X	-5.947	.3
8	MP2B	Z	10.301	.3
9	MP2B	Mx	.004	.3
10	MP2B	X	-5.947	2.3
11	MP2B	Z	10.301	2.3
12	MP2B	Mx	.004	2.3
13	MP2C	X	-5.947	.3
14	MP2C	Z	10.301	.3
15	MP2C	Mx	.004	.3
16	MP2C	X	-5.947	2.3
17	MP2C	Z	10.301	2.3
18	MP2C	Mx	.004	2.3
19	MP7A	X	-4.267	3.5
20	MP7A	Z	7.391	3.5
21	MP7A	Mx	.004	3.5
22	MP8A	X	-3.668	3.5
23	MP8A	Z	6.354	3.5
24	MP8A	Mx	.003	3.5
25	MP7A	X	-8.542	.5
26	MP7A	Z	14.795	.5
27	MP7A	Mx	-.008	.5
28	MP7A	X	-8.542	3.5
29	MP7A	Z	14.795	3.5
30	MP7A	Mx	-.008	3.5
31	MP7A	X	-8.542	.5
32	MP7A	Z	14.795	.5
33	MP7A	Mx	-.016	.5
34	MP7A	X	-8.542	3.5
35	MP7A	Z	14.795	3.5
36	MP7A	Mx	-.016	3.5
37	MP7B	X	-10.863	.5
38	MP7B	Z	18.816	.5
39	MP7B	Mx	-.004	.5
40	MP7B	X	-10.863	3.5
41	MP7B	Z	18.816	3.5
42	MP7B	Mx	-.004	3.5
43	MP7B	X	-10.863	.5
44	MP7B	Z	18.816	.5
45	MP7B	Mx	.021	.5
46	MP7B	X	-10.863	3.5
47	MP7B	Z	18.816	3.5
48	MP7B	Mx	.021	3.5
49	MP6C	X	-10.863	.13
50	MP6C	Z	18.816	.13
51	MP6C	Mx	.021	.13
52	MP6C	X	-10.863	4.13
53	MP6C	Z	18.816	4.13
54	MP6C	Mx	.021	4.13
55	MP6C	X	-9.628	.13
56	MP6C	Z	16.676	.13
57	MP6C	Mx	.003	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-9.628	4.13
59	MP6C	Z	16.676	4.13
60	MP6C	Mx	.003	4.13
61	MP1A	X	-10.967	.3
62	MP1A	Z	18.995	.3
63	MP1A	Mx	-.014	.3
64	MP1A	X	-10.967	4.3
65	MP1A	Z	18.995	4.3
66	MP1A	Mx	-.014	4.3
67	MP1B	X	-6.812	.3
68	MP1B	Z	11.798	.3
69	MP1B	Mx	.002	.3
70	MP1B	X	-6.812	4.3
71	MP1B	Z	11.798	4.3
72	MP1B	Mx	.002	4.3
73	MP1C	X	-10.025	.3
74	MP1C	Z	17.364	.3
75	MP1C	Mx	.012	.3
76	MP1C	X	-10.025	4.3
77	MP1C	Z	17.364	4.3
78	MP1C	Mx	.012	4.3
79	MP4C	X	-10.025	.3
80	MP4C	Z	17.364	.3
81	MP4C	Mx	.012	.3
82	MP4C	X	-10.025	4.3
83	MP4C	Z	17.364	4.3
84	MP4C	Mx	.012	4.3
85	MP8A	X	-10.967	.3
86	MP8A	Z	18.995	.3
87	MP8A	Mx	-.014	.3
88	MP8A	X	-10.967	4.3
89	MP8A	Z	18.995	4.3
90	MP8A	Mx	-.014	4.3
91	MP8B	X	-6.812	.3
92	MP8B	Z	11.798	.3
93	MP8B	Mx	.002	.3
94	MP8B	X	-6.812	4.3
95	MP8B	Z	11.798	4.3
96	MP8B	Mx	.002	4.3
97	OVP	X	-6.604	1
98	OVP	Z	11.438	1
99	OVP	Mx	-.004	1
100	OVP	X	-6.604	1
101	OVP	Z	11.438	1
102	OVP	Mx	.004	1
103	MP7B	X	-5.397	3.5
104	MP7B	Z	9.347	3.5
105	MP7B	Mx	-.003	3.5
106	MP6C	X	-5.397	3.5
107	MP6C	Z	9.347	3.5
108	MP6C	Mx	-.003	3.5
109	MP8B	X	-5.227	3.5
110	MP8B	Z	9.054	3.5
111	MP8B	Mx	-.003	3.5
112	MP7C	X	-5.227	3.5
113	MP7C	Z	9.054	3.5
114	MP7C	Mx	-.003	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-9.171	.3
2	MP2A	Z	5.295	.3
3	MP2A	Mx	-.005	.3
4	MP2A	X	-9.171	2.3
5	MP2A	Z	5.295	2.3
6	MP2A	Mx	-.005	2.3
7	MP2B	X	-12.031	.3
8	MP2B	Z	6.946	.3
9	MP2B	Mx	0	.3
10	MP2B	X	-12.031	2.3
11	MP2B	Z	6.946	2.3
12	MP2B	Mx	0	2.3
13	MP2C	X	-6.84	.3
14	MP2C	Z	3.949	.3
15	MP2C	Mx	.005	.3
16	MP2C	X	-6.84	2.3
17	MP2C	Z	3.949	2.3
18	MP2C	Mx	.005	2.3
19	MP7A	X	-8.843	3.5
20	MP7A	Z	5.105	3.5
21	MP7A	Mx	.003	3.5
22	MP8A	X	-8.358	3.5
23	MP8A	Z	4.825	3.5
24	MP8A	Mx	.003	3.5
25	MP7A	X	-17.779	.5
26	MP7A	Z	10.265	.5
27	MP7A	Mx	.000587	.5
28	MP7A	X	-17.779	3.5
29	MP7A	Z	10.265	3.5
30	MP7A	Mx	.000587	3.5
31	MP7A	X	-17.779	.5
32	MP7A	Z	10.265	.5
33	MP7A	Mx	-.02	.5
34	MP7A	X	-17.779	3.5
35	MP7A	Z	10.265	3.5
36	MP7A	Mx	-.02	3.5
37	MP7B	X	-20.404	.5
38	MP7B	Z	11.78	.5
39	MP7B	Mx	-.016	.5
40	MP7B	X	-20.404	3.5
41	MP7B	Z	11.78	3.5
42	MP7B	Mx	-.016	3.5
43	MP7B	X	-20.404	.5
44	MP7B	Z	11.78	.5
45	MP7B	Mx	.016	.5
46	MP7B	X	-20.404	3.5
47	MP7B	Z	11.78	3.5
48	MP7B	Mx	.016	3.5
49	MP6C	X	-15.64	.13
50	MP6C	Z	9.03	.13
51	MP6C	Mx	.018	.13
52	MP6C	X	-15.64	4.13
53	MP6C	Z	9.03	4.13
54	MP6C	Mx	.018	4.13
55	MP6C	X	-14.243	.13
56	MP6C	Z	8.223	.13
57	MP6C	Mx	.01	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-14.243	4.13
59	MP6C	Z	8.223	4.13
60	MP6C	Mx	.01	4.13
61	MP1A	X	-13.996	.3
62	MP1A	Z	8.081	.3
63	MP1A	Mx	-.006	.3
64	MP1A	X	-13.996	4.3
65	MP1A	Z	8.081	4.3
66	MP1A	Mx	-.006	4.3
67	MP1B	X	-12.666	.3
68	MP1B	Z	7.313	.3
69	MP1B	Mx	-.004	.3
70	MP1B	X	-12.666	4.3
71	MP1B	Z	7.313	4.3
72	MP1B	Mx	-.004	4.3
73	MP1C	X	-21.194	.3
74	MP1C	Z	12.236	.3
75	MP1C	Mx	.018	.3
76	MP1C	X	-21.194	4.3
77	MP1C	Z	12.236	4.3
78	MP1C	Mx	.018	4.3
79	MP4C	X	-21.194	.3
80	MP4C	Z	12.236	.3
81	MP4C	Mx	.018	.3
82	MP4C	X	-21.194	4.3
83	MP4C	Z	12.236	4.3
84	MP4C	Mx	.018	4.3
85	MP8A	X	-13.996	.3
86	MP8A	Z	8.081	.3
87	MP8A	Mx	-.006	.3
88	MP8A	X	-13.996	4.3
89	MP8A	Z	8.081	4.3
90	MP8A	Mx	-.006	4.3
91	MP8B	X	-12.666	.3
92	MP8B	Z	7.313	.3
93	MP8B	Mx	-.004	.3
94	MP8B	X	-12.666	4.3
95	MP8B	Z	7.313	4.3
96	MP8B	Mx	-.004	4.3
97	OVP	X	-13.067	1
98	OVP	Z	7.544	1
99	OVP	Mx	-.001	1
100	OVP	X	-13.067	1
101	OVP	Z	7.544	1
102	OVP	Mx	.001	1
103	MP7B	X	-10.12	3.5
104	MP7B	Z	5.843	3.5
105	MP7B	Mx	0	3.5
106	MP6C	X	-7.802	3.5
107	MP6C	Z	4.504	3.5
108	MP6C	Mx	-.004	3.5
109	MP8B	X	-10.12	3.5
110	MP8B	Z	5.843	3.5
111	MP8B	Mx	0	3.5
112	MP7C	X	-6.921	3.5
113	MP7C	Z	3.996	3.5
114	MP7C	Mx	-.003	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-13.651	.3
2	MP2A	Z	0	.3
3	MP2A	Mx	-.002	.3
4	MP2A	X	-13.651	2.3
5	MP2A	Z	0	2.3
6	MP2A	Mx	-.002	2.3
7	MP2B	X	-11.894	.3
8	MP2B	Z	0	.3
9	MP2B	Mx	-.004	.3
10	MP2B	X	-11.894	2.3
11	MP2B	Z	0	2.3
12	MP2B	Mx	-.004	2.3
13	MP2C	X	-5.9	.3
14	MP2C	Z	0	.3
15	MP2C	Mx	.004	.3
16	MP2C	X	-5.9	2.3
17	MP2C	Z	0	2.3
18	MP2C	Mx	.004	2.3
19	MP7A	X	-11.578	3.5
20	MP7A	Z	0	3.5
21	MP7A	Mx	.001	3.5
22	MP8A	X	-11.537	3.5
23	MP8A	Z	0	3.5
24	MP8A	Mx	.001	3.5
25	MP7A	X	-23.339	.5
26	MP7A	Z	0	.5
27	MP7A	Mx	.012	.5
28	MP7A	X	-23.339	3.5
29	MP7A	Z	0	3.5
30	MP7A	Mx	.012	3.5
31	MP7A	X	-23.339	.5
32	MP7A	Z	0	.5
33	MP7A	Mx	-.018	.5
34	MP7A	X	-23.339	3.5
35	MP7A	Z	0	3.5
36	MP7A	Mx	-.018	3.5
37	MP7B	X	-21.727	.5
38	MP7B	Z	0	.5
39	MP7B	Mx	-.021	.5
40	MP7B	X	-21.727	3.5
41	MP7B	Z	0	3.5
42	MP7B	Mx	-.021	3.5
43	MP7B	X	-21.727	.5
44	MP7B	Z	0	.5
45	MP7B	Mx	.004	.5
46	MP7B	X	-21.727	3.5
47	MP7B	Z	0	3.5
48	MP7B	Mx	.004	3.5
49	MP6C	X	-16.226	.13
50	MP6C	Z	0	.13
51	MP6C	Mx	.012	.13
52	MP6C	X	-16.226	4.13
53	MP6C	Z	0	4.13
54	MP6C	Mx	.012	4.13
55	MP6C	X	-17.084	.13
56	MP6C	Z	0	.13
57	MP6C	Mx	.016	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-17.084	4.13
59	MP6C	Z	0	4.13
60	MP6C	Mx	.016	4.13
61	MP1A	X	-13.275	.3
62	MP1A	Z	0	.3
63	MP1A	Mx	0	.3
64	MP1A	X	-13.275	4.3
65	MP1A	Z	0	4.3
66	MP1A	Mx	0	4.3
67	MP1B	X	-20.05	.3
68	MP1B	Z	0	.3
69	MP1B	Mx	-.012	.3
70	MP1B	X	-20.05	4.3
71	MP1B	Z	0	4.3
72	MP1B	Mx	-.012	4.3
73	MP1C	X	-23.47	.3
74	MP1C	Z	0	.3
75	MP1C	Mx	.017	.3
76	MP1C	X	-23.47	4.3
77	MP1C	Z	0	4.3
78	MP1C	Mx	.017	4.3
79	MP4C	X	-23.47	.3
80	MP4C	Z	0	.3
81	MP4C	Mx	.017	.3
82	MP4C	X	-23.47	4.3
83	MP4C	Z	0	4.3
84	MP4C	Mx	.017	4.3
85	MP8A	X	-13.275	.3
86	MP8A	Z	0	.3
87	MP8A	Mx	0	.3
88	MP8A	X	-13.275	4.3
89	MP8A	Z	0	4.3
90	MP8A	Mx	0	4.3
91	MP8B	X	-20.05	.3
92	MP8B	Z	0	.3
93	MP8B	Mx	-.012	.3
94	MP8B	X	-20.05	4.3
95	MP8B	Z	0	4.3
96	MP8B	Mx	-.012	4.3
97	OVP	X	-14.662	1
98	OVP	Z	0	1
99	OVP	Mx	.003	1
100	OVP	X	-14.662	1
101	OVP	Z	0	1
102	OVP	Mx	-.003	1
103	MP7B	X	-10.793	3.5
104	MP7B	Z	0	3.5
105	MP7B	Mx	.003	3.5
106	MP6C	X	-8.117	3.5
107	MP6C	Z	0	3.5
108	MP6C	Mx	-.004	3.5
109	MP8B	X	-10.454	3.5
110	MP8B	Z	0	3.5
111	MP8B	Mx	.003	3.5
112	MP7C	X	-6.761	3.5
113	MP7C	Z	0	3.5
114	MP7C	Mx	-.003	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-11.221	.3
2	MP2A	Z	-6.479	.3
3	MP2A	Mx	.003	.3
4	MP2A	X	-11.221	2.3
5	MP2A	Z	-6.479	2.3
6	MP2A	Mx	.003	2.3
7	MP2B	X	-6.84	.3
8	MP2B	Z	-3.949	.3
9	MP2B	Mx	-.005	.3
10	MP2B	X	-6.84	2.3
11	MP2B	Z	-3.949	2.3
12	MP2B	Mx	-.005	2.3
13	MP2C	X	-6.84	.3
14	MP2C	Z	-3.949	.3
15	MP2C	Mx	.005	.3
16	MP2C	X	-6.84	2.3
17	MP2C	Z	-3.949	2.3
18	MP2C	Mx	.005	2.3
19	MP7A	X	-9.758	3.5
20	MP7A	Z	-5.634	3.5
21	MP7A	Mx	-.002	3.5
22	MP8A	X	-9.621	3.5
23	MP8A	Z	-5.555	3.5
24	MP8A	Mx	-.002	3.5
25	MP7A	X	-19.661	.5
26	MP7A	Z	-11.351	.5
27	MP7A	Mx	.02	.5
28	MP7A	X	-19.661	3.5
29	MP7A	Z	-11.351	3.5
30	MP7A	Mx	.02	3.5
31	MP7A	X	-19.661	.5
32	MP7A	Z	-11.351	.5
33	MP7A	Mx	-.008	.5
34	MP7A	X	-19.661	3.5
35	MP7A	Z	-11.351	3.5
36	MP7A	Mx	-.008	3.5
37	MP7B	X	-15.64	.5
38	MP7B	Z	-9.03	.5
39	MP7B	Mx	-.018	.5
40	MP7B	X	-15.64	3.5
41	MP7B	Z	-9.03	3.5
42	MP7B	Mx	-.018	3.5
43	MP7B	X	-15.64	.5
44	MP7B	Z	-9.03	.5
45	MP7B	Mx	-.006	.5
46	MP7B	X	-15.64	3.5
47	MP7B	Z	-9.03	3.5
48	MP7B	Mx	-.006	3.5
49	MP6C	X	-15.64	.13
50	MP6C	Z	-9.03	.13
51	MP6C	Mx	.006	.13
52	MP6C	X	-15.64	4.13
53	MP6C	Z	-9.03	4.13
54	MP6C	Mx	.006	4.13
55	MP6C	X	-17.779	.13
56	MP6C	Z	-10.265	.13
57	MP6C	Mx	.02	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-17.779	4.13
59	MP6C	Z	-10.265	4.13
60	MP6C	Mx	.02	4.13
61	MP1A	X	-13.996	.3
62	MP1A	Z	-8.081	.3
63	MP1A	Mx	.006	.3
64	MP1A	X	-13.996	4.3
65	MP1A	Z	-8.081	4.3
66	MP1A	Mx	.006	4.3
67	MP1B	X	-21.194	.3
68	MP1B	Z	-12.236	.3
69	MP1B	Mx	-.018	.3
70	MP1B	X	-21.194	4.3
71	MP1B	Z	-12.236	4.3
72	MP1B	Mx	-.018	4.3
73	MP1C	X	-15.628	.3
74	MP1C	Z	-9.023	.3
75	MP1C	Mx	.009	.3
76	MP1C	X	-15.628	4.3
77	MP1C	Z	-9.023	4.3
78	MP1C	Mx	.009	4.3
79	MP4C	X	-15.628	.3
80	MP4C	Z	-9.023	.3
81	MP4C	Mx	.009	.3
82	MP4C	X	-15.628	4.3
83	MP4C	Z	-9.023	4.3
84	MP4C	Mx	.009	4.3
85	MP8A	X	-13.996	.3
86	MP8A	Z	-8.081	.3
87	MP8A	Mx	.006	.3
88	MP8A	X	-13.996	4.3
89	MP8A	Z	-8.081	4.3
90	MP8A	Mx	.006	4.3
91	MP8B	X	-21.194	.3
92	MP8B	Z	-12.236	.3
93	MP8B	Mx	-.018	.3
94	MP8B	X	-21.194	4.3
95	MP8B	Z	-12.236	4.3
96	MP8B	Mx	-.018	4.3
97	OVP	X	-10.699	1
98	OVP	Z	-6.177	1
99	OVP	Mx	.005	1
100	OVP	X	-10.699	1
101	OVP	Z	-6.177	1
102	OVP	Mx	-.005	1
103	MP7B	X	-7.802	3.5
104	MP7B	Z	-4.504	3.5
105	MP7B	Mx	.004	3.5
106	MP6C	X	-7.802	3.5
107	MP6C	Z	-4.504	3.5
108	MP6C	Mx	-.004	3.5
109	MP8B	X	-6.921	3.5
110	MP8B	Z	-3.996	3.5
111	MP8B	Mx	.003	3.5
112	MP7C	X	-6.921	3.5
113	MP7C	Z	-3.996	3.5
114	MP7C	Mx	-.003	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-4.601	.3
2	MP2A	Z	-7.969	.3
3	MP2A	Mx	.005	.3
4	MP2A	X	-4.601	2.3
5	MP2A	Z	-7.969	2.3
6	MP2A	Mx	.005	2.3
7	MP2B	X	-2.95	.3
8	MP2B	Z	-5.109	.3
9	MP2B	Mx	-.004	.3
10	MP2B	X	-2.95	2.3
11	MP2B	Z	-5.109	2.3
12	MP2B	Mx	-.004	2.3
13	MP2C	X	-5.947	.3
14	MP2C	Z	-10.301	.3
15	MP2C	Mx	.004	.3
16	MP2C	X	-5.947	2.3
17	MP2C	Z	-10.301	2.3
18	MP2C	Mx	.004	2.3
19	MP7A	X	-4.796	3.5
20	MP7A	Z	-8.306	3.5
21	MP7A	Mx	-.004	3.5
22	MP8A	X	-4.398	3.5
23	MP8A	Z	-7.617	3.5
24	MP8A	Mx	-.003	3.5
25	MP7A	X	-9.628	.5
26	MP7A	Z	-16.676	.5
27	MP7A	Mx	.019	.5
28	MP7A	X	-9.628	3.5
29	MP7A	Z	-16.676	3.5
30	MP7A	Mx	.019	3.5
31	MP7A	X	-9.628	.5
32	MP7A	Z	-16.676	.5
33	MP7A	Mx	.003	.5
34	MP7A	X	-9.628	3.5
35	MP7A	Z	-16.676	3.5
36	MP7A	Mx	.003	3.5
37	MP7B	X	-8.113	.5
38	MP7B	Z	-14.052	.5
39	MP7B	Mx	-.012	.5
40	MP7B	X	-8.113	3.5
41	MP7B	Z	-14.052	3.5
42	MP7B	Mx	-.012	3.5
43	MP7B	X	-8.113	.5
44	MP7B	Z	-14.052	.5
45	MP7B	Mx	-.012	.5
46	MP7B	X	-8.113	3.5
47	MP7B	Z	-14.052	3.5
48	MP7B	Mx	-.012	3.5
49	MP6C	X	-10.863	.13
50	MP6C	Z	-18.816	.13
51	MP6C	Mx	-.004	.13
52	MP6C	X	-10.863	4.13
53	MP6C	Z	-18.816	4.13
54	MP6C	Mx	-.004	4.13
55	MP6C	X	-11.67	.13
56	MP6C	Z	-20.212	.13
57	MP6C	Mx	.018	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-11.67	4.13
59	MP6C	Z	-20.212	4.13
60	MP6C	Mx	.018	4.13
61	MP1A	X	-10.967	.3
62	MP1A	Z	-18.995	.3
63	MP1A	Mx	.014	.3
64	MP1A	X	-10.967	4.3
65	MP1A	Z	-18.995	4.3
66	MP1A	Mx	.014	4.3
67	MP1B	X	-11.735	.3
68	MP1B	Z	-20.325	.3
69	MP1B	Mx	-.017	.3
70	MP1B	X	-11.735	4.3
71	MP1B	Z	-20.325	4.3
72	MP1B	Mx	-.017	4.3
73	MP1C	X	-6.812	.3
74	MP1C	Z	-11.798	.3
75	MP1C	Mx	.002	.3
76	MP1C	X	-6.812	4.3
77	MP1C	Z	-11.798	4.3
78	MP1C	Mx	.002	4.3
79	MP4C	X	-6.812	.3
80	MP4C	Z	-11.798	.3
81	MP4C	Mx	.002	.3
82	MP4C	X	-6.812	4.3
83	MP4C	Z	-11.798	4.3
84	MP4C	Mx	.002	4.3
85	MP8A	X	-10.967	.3
86	MP8A	Z	-18.995	.3
87	MP8A	Mx	.014	.3
88	MP8A	X	-10.967	4.3
89	MP8A	Z	-18.995	4.3
90	MP8A	Mx	.014	4.3
91	MP8B	X	-11.735	.3
92	MP8B	Z	-20.325	.3
93	MP8B	Mx	-.017	.3
94	MP8B	X	-11.735	4.3
95	MP8B	Z	-20.325	4.3
96	MP8B	Mx	-.017	4.3
97	OVP	X	-5.236	1
98	OVP	Z	-9.069	1
99	OVP	Mx	.005	1
100	OVP	X	-5.236	1
101	OVP	Z	-9.069	1
102	OVP	Mx	-.005	1
103	MP7B	X	-4.058	3.5
104	MP7B	Z	-7.029	3.5
105	MP7B	Mx	.004	3.5
106	MP6C	X	-5.397	3.5
107	MP6C	Z	-9.347	3.5
108	MP6C	Mx	-.003	3.5
109	MP8B	X	-3.38	3.5
110	MP8B	Z	-5.855	3.5
111	MP8B	Mx	.003	3.5
112	MP7C	X	-5.227	3.5
113	MP7C	Z	-9.054	3.5
114	MP7C	Mx	-.003	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	0	.3
2	MP2A	Z	-1.822	.3
3	MP2A	Mx	.001	.3
4	MP2A	X	0	2.3
5	MP2A	Z	-1.822	2.3
6	MP2A	Mx	.001	2.3
7	MP2B	X	0	.3
8	MP2B	Z	-2.417	.3
9	MP2B	Mx	-.002	.3
10	MP2B	X	0	2.3
11	MP2B	Z	-2.417	2.3
12	MP2B	Mx	-.002	2.3
13	MP2C	X	0	.3
14	MP2C	Z	-4.445	.3
15	MP2C	Mx	0	.3
16	MP2C	X	0	2.3
17	MP2C	Z	-4.445	2.3
18	MP2C	Mx	0	2.3
19	MP7A	X	0	3.5
20	MP7A	Z	-2.4	3.5
21	MP7A	Mx	-.001	3.5
22	MP8A	X	0	3.5
23	MP8A	Z	-1.964	3.5
24	MP8A	Mx	-.000967	3.5
25	MP7A	X	0	.5
26	MP7A	Z	-5.183	.5
27	MP7A	Mx	.004	.5
28	MP7A	X	0	3.5
29	MP7A	Z	-5.183	3.5
30	MP7A	Mx	.004	3.5
31	MP7A	X	0	.5
32	MP7A	Z	-5.183	.5
33	MP7A	Mx	.003	.5
34	MP7A	X	0	3.5
35	MP7A	Z	-5.183	3.5
36	MP7A	Mx	.003	3.5
37	MP7B	X	0	.5
38	MP7B	Z	-5.758	.5
39	MP7B	Mx	-.002	.5
40	MP7B	X	0	3.5
41	MP7B	Z	-5.758	3.5
42	MP7B	Mx	-.002	3.5
43	MP7B	X	0	.5
44	MP7B	Z	-5.758	.5
45	MP7B	Mx	-.006	.5
46	MP7B	X	0	3.5
47	MP7B	Z	-5.758	3.5
48	MP7B	Mx	-.006	3.5
49	MP6C	X	0	.13
50	MP6C	Z	-7.718	.13
51	MP6C	Mx	-.005	.13
52	MP6C	X	0	4.13
53	MP6C	Z	-7.718	4.13
54	MP6C	Mx	-.005	4.13
55	MP6C	X	0	.13
56	MP6C	Z	-7.412	.13
57	MP6C	Mx	.003	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	0	4.13
59	MP6C	Z	-7.412	4.13
60	MP6C	Mx	.003	4.13
61	MP1A	X	0	.3
62	MP1A	Z	-8.161	.3
63	MP1A	Mx	.006	.3
64	MP1A	X	0	4.3
65	MP1A	Z	-8.161	4.3
66	MP1A	Mx	.006	4.3
67	MP1B	X	0	.3
68	MP1B	Z	-5.775	.3
69	MP1B	Mx	-.003	.3
70	MP1B	X	0	4.3
71	MP1B	Z	-5.775	4.3
72	MP1B	Mx	-.003	4.3
73	MP1C	X	0	.3
74	MP1C	Z	-4.571	.3
75	MP1C	Mx	-.001	.3
76	MP1C	X	0	4.3
77	MP1C	Z	-4.571	4.3
78	MP1C	Mx	-.001	4.3
79	MP4C	X	0	.3
80	MP4C	Z	-4.571	.3
81	MP4C	Mx	-.001	.3
82	MP4C	X	0	4.3
83	MP4C	Z	-4.571	4.3
84	MP4C	Mx	-.001	4.3
85	MP8A	X	0	.3
86	MP8A	Z	-8.161	.3
87	MP8A	Mx	.006	.3
88	MP8A	X	0	4.3
89	MP8A	Z	-8.161	4.3
90	MP8A	Mx	.006	4.3
91	MP8B	X	0	.3
92	MP8B	Z	-5.775	.3
93	MP8B	Mx	-.003	.3
94	MP8B	X	0	4.3
95	MP8B	Z	-5.775	4.3
96	MP8B	Mx	-.003	4.3
97	OVP	X	0	1
98	OVP	Z	-3.265	1
99	OVP	Mx	.002	1
100	OVP	X	0	1
101	OVP	Z	-3.265	1
102	OVP	Mx	-.002	1
103	MP7B	X	0	3.5
104	MP7B	Z	-2.658	3.5
105	MP7B	Mx	.001	3.5
106	MP6C	X	0	3.5
107	MP6C	Z	-3.537	3.5
108	MP6C	Mx	0	3.5
109	MP8B	X	0	3.5
110	MP8B	Z	-2.321	3.5
111	MP8B	Mx	.001	3.5
112	MP7C	X	0	3.5
113	MP7C	Z	-3.537	3.5
114	MP7C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	1.028	.3
2	MP2A	Z	-1.781	.3
3	MP2A	Mx	.001	.3
4	MP2A	X	1.028	2.3
5	MP2A	Z	-1.781	2.3
6	MP2A	Mx	.001	2.3
7	MP2B	X	1.885	.3
8	MP2B	Z	-3.264	.3
9	MP2B	Mx	-.001	.3
10	MP2B	X	1.885	2.3
11	MP2B	Z	-3.264	2.3
12	MP2B	Mx	-.001	2.3
13	MP2C	X	1.885	.3
14	MP2C	Z	-3.264	.3
15	MP2C	Mx	-.001	.3
16	MP2C	X	1.885	2.3
17	MP2C	Z	-3.264	2.3
18	MP2C	Mx	-.001	2.3
19	MP7A	X	1.251	3.5
20	MP7A	Z	-2.167	3.5
21	MP7A	Mx	-.001	3.5
22	MP8A	X	1.053	3.5
23	MP8A	Z	-1.823	3.5
24	MP8A	Mx	-.000989	3.5
25	MP7A	X	2.705	.5
26	MP7A	Z	-4.685	.5
27	MP7A	Mx	.003	.5
28	MP7A	X	2.705	3.5
29	MP7A	Z	-4.685	3.5
30	MP7A	Mx	.003	3.5
31	MP7A	X	2.705	.5
32	MP7A	Z	-4.685	.5
33	MP7A	Mx	.005	.5
34	MP7A	X	2.705	3.5
35	MP7A	Z	-4.685	3.5
36	MP7A	Mx	.005	3.5
37	MP7B	X	3.532	.5
38	MP7B	Z	-6.118	.5
39	MP7B	Mx	.001	.5
40	MP7B	X	3.532	3.5
41	MP7B	Z	-6.118	3.5
42	MP7B	Mx	.001	3.5
43	MP7B	X	3.532	.5
44	MP7B	Z	-6.118	.5
45	MP7B	Mx	-.007	.5
46	MP7B	X	3.532	3.5
47	MP7B	Z	-6.118	3.5
48	MP7B	Mx	-.007	3.5
49	MP6C	X	3.532	.13
50	MP6C	Z	-6.118	.13
51	MP6C	Mx	-.007	.13
52	MP6C	X	3.532	4.13
53	MP6C	Z	-6.118	4.13
54	MP6C	Mx	-.007	4.13
55	MP6C	X	3.092	.13
56	MP6C	Z	-5.356	.13
57	MP6C	Mx	-.000903	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	3.092	4.13
59	MP6C	Z	-5.356	4.13
60	MP6C	Mx	-.000903	4.13
61	MP1A	X	3.572	.3
62	MP1A	Z	-6.187	.3
63	MP1A	Mx	.005	.3
64	MP1A	X	3.572	4.3
65	MP1A	Z	-6.187	4.3
66	MP1A	Mx	.005	4.3
67	MP1B	X	2.109	.3
68	MP1B	Z	-3.653	.3
69	MP1B	Mx	-.000549	.3
70	MP1B	X	2.109	4.3
71	MP1B	Z	-3.653	4.3
72	MP1B	Mx	-.000549	4.3
73	MP1C	X	3.241	.3
74	MP1C	Z	-5.613	.3
75	MP1C	Mx	-.004	.3
76	MP1C	X	3.241	4.3
77	MP1C	Z	-5.613	4.3
78	MP1C	Mx	-.004	4.3
79	MP4C	X	3.241	.3
80	MP4C	Z	-5.613	.3
81	MP4C	Mx	-.004	.3
82	MP4C	X	3.241	4.3
83	MP4C	Z	-5.613	4.3
84	MP4C	Mx	-.004	4.3
85	MP8A	X	3.572	.3
86	MP8A	Z	-6.187	.3
87	MP8A	Mx	.005	.3
88	MP8A	X	3.572	4.3
89	MP8A	Z	-6.187	4.3
90	MP8A	Mx	.005	4.3
91	MP8B	X	2.109	.3
92	MP8B	Z	-3.653	.3
93	MP8B	Mx	-.000549	.3
94	MP8B	X	2.109	4.3
95	MP8B	Z	-3.653	4.3
96	MP8B	Mx	-.000549	4.3
97	OVP	X	2.022	1
98	OVP	Z	-3.502	1
99	OVP	Mx	.001	1
100	OVP	X	2.022	1
101	OVP	Z	-3.502	1
102	OVP	Mx	-.001	1
103	MP7B	X	1.622	3.5
104	MP7B	Z	-2.81	3.5
105	MP7B	Mx	.000811	3.5
106	MP6C	X	1.622	3.5
107	MP6C	Z	-2.81	3.5
108	MP6C	Mx	.000811	3.5
109	MP8B	X	1.566	3.5
110	MP8B	Z	-2.712	3.5
111	MP8B	Mx	.000783	3.5
112	MP7C	X	1.566	3.5
113	MP7C	Z	-2.712	3.5
114	MP7C	Mx	.000783	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	2.882	.3
2	MP2A	Z	-1.664	.3
3	MP2A	Mx	.002	.3
4	MP2A	X	2.882	2.3
5	MP2A	Z	-1.664	2.3
6	MP2A	Mx	.002	2.3
7	MP2B	X	3.85	.3
8	MP2B	Z	-2.223	.3
9	MP2B	Mx	0	.3
10	MP2B	X	3.85	2.3
11	MP2B	Z	-2.223	2.3
12	MP2B	Mx	0	2.3
13	MP2C	X	2.093	.3
14	MP2C	Z	-1.208	.3
15	MP2C	Mx	-.002	.3
16	MP2C	X	2.093	2.3
17	MP2C	Z	-1.208	2.3
18	MP2C	Mx	-.002	2.3
19	MP7A	X	2.644	3.5
20	MP7A	Z	-1.526	3.5
21	MP7A	Mx	-.000981	3.5
22	MP8A	X	2.483	3.5
23	MP8A	Z	-1.434	3.5
24	MP8A	Mx	-.000922	3.5
25	MP7A	X	5.749	.5
26	MP7A	Z	-3.319	.5
27	MP7A	Mx	-.00019	.5
28	MP7A	X	5.749	3.5
29	MP7A	Z	-3.319	3.5
30	MP7A	Mx	-.00019	3.5
31	MP7A	X	5.749	.5
32	MP7A	Z	-3.319	.5
33	MP7A	Mx	.007	.5
34	MP7A	X	5.749	3.5
35	MP7A	Z	-3.319	3.5
36	MP7A	Mx	.007	3.5
37	MP7B	X	6.684	.5
38	MP7B	Z	-3.859	.5
39	MP7B	Mx	.005	.5
40	MP7B	X	6.684	3.5
41	MP7B	Z	-3.859	3.5
42	MP7B	Mx	.005	3.5
43	MP7B	X	6.684	.5
44	MP7B	Z	-3.859	.5
45	MP7B	Mx	-.005	.5
46	MP7B	X	6.684	3.5
47	MP7B	Z	-3.859	3.5
48	MP7B	Mx	-.005	3.5
49	MP6C	X	4.986	.13
50	MP6C	Z	-2.879	.13
51	MP6C	Mx	-.006	.13
52	MP6C	X	4.986	4.13
53	MP6C	Z	-2.879	4.13
54	MP6C	Mx	-.006	4.13
55	MP6C	X	4.488	.13
56	MP6C	Z	-2.591	.13
57	MP6C	Mx	-.003	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	4.488	4.13
59	MP6C	Z	-2.591	4.13
60	MP6C	Mx	-.003	4.13
61	MP1A	X	4.427	.3
62	MP1A	Z	-2.556	.3
63	MP1A	Mx	.002	.3
64	MP1A	X	4.427	4.3
65	MP1A	Z	-2.556	4.3
66	MP1A	Mx	.002	4.3
67	MP1B	X	3.959	.3
68	MP1B	Z	-2.286	.3
69	MP1B	Mx	.001	.3
70	MP1B	X	3.959	4.3
71	MP1B	Z	-2.286	4.3
72	MP1B	Mx	.001	4.3
73	MP1C	X	6.962	.3
74	MP1C	Z	-4.019	.3
75	MP1C	Mx	-.006	.3
76	MP1C	X	6.962	4.3
77	MP1C	Z	-4.019	4.3
78	MP1C	Mx	-.006	4.3
79	MP4C	X	6.962	.3
80	MP4C	Z	-4.019	.3
81	MP4C	Mx	-.006	.3
82	MP4C	X	6.962	4.3
83	MP4C	Z	-4.019	4.3
84	MP4C	Mx	-.006	4.3
85	MP8A	X	4.427	.3
86	MP8A	Z	-2.556	.3
87	MP8A	Mx	.002	.3
88	MP8A	X	4.427	4.3
89	MP8A	Z	-2.556	4.3
90	MP8A	Mx	.002	4.3
91	MP8B	X	3.959	.3
92	MP8B	Z	-2.286	.3
93	MP8B	Mx	.001	.3
94	MP8B	X	3.959	4.3
95	MP8B	Z	-2.286	4.3
96	MP8B	Mx	.001	4.3
97	OVP	X	4.052	1
98	OVP	Z	-2.34	1
99	OVP	Mx	.000407	1
100	OVP	X	4.052	1
101	OVP	Z	-2.34	1
102	OVP	Mx	-.000407	1
103	MP7B	X	3.064	3.5
104	MP7B	Z	-1.769	3.5
105	MP7B	Mx	0	3.5
106	MP6C	X	2.302	3.5
107	MP6C	Z	-1.329	3.5
108	MP6C	Mx	.001	3.5
109	MP8B	X	3.064	3.5
110	MP8B	Z	-1.769	3.5
111	MP8B	Mx	0	3.5
112	MP7C	X	2.01	3.5
113	MP7C	Z	-1.16	3.5
114	MP7C	Mx	.001	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	4.364	.3
2	MP2A	Z	0	.3
3	MP2A	Mx	.000568	.3
4	MP2A	X	4.364	2.3
5	MP2A	Z	0	2.3
6	MP2A	Mx	.000568	2.3
7	MP2B	X	3.769	.3
8	MP2B	Z	0	.3
9	MP2B	Mx	.001	.3
10	MP2B	X	3.769	2.3
11	MP2B	Z	0	2.3
12	MP2B	Mx	.001	2.3
13	MP2C	X	1.74	.3
14	MP2C	Z	0	.3
15	MP2C	Mx	-.001	.3
16	MP2C	X	1.74	2.3
17	MP2C	Z	0	2.3
18	MP2C	Mx	-.001	2.3
19	MP7A	X	3.502	3.5
20	MP7A	Z	0	3.5
21	MP7A	Mx	-.000304	3.5
22	MP8A	X	3.489	3.5
23	MP8A	Z	0	3.5
24	MP8A	Mx	-.000303	3.5
25	MP7A	X	7.639	.5
26	MP7A	Z	0	.5
27	MP7A	Mx	-.004	.5
28	MP7A	X	7.639	3.5
29	MP7A	Z	0	3.5
30	MP7A	Mx	-.004	3.5
31	MP7A	X	7.639	.5
32	MP7A	Z	0	.5
33	MP7A	Mx	.006	.5
34	MP7A	X	7.639	3.5
35	MP7A	Z	0	3.5
36	MP7A	Mx	.006	3.5
37	MP7B	X	7.065	.5
38	MP7B	Z	0	.5
39	MP7B	Mx	.007	.5
40	MP7B	X	7.065	3.5
41	MP7B	Z	0	3.5
42	MP7B	Mx	.007	3.5
43	MP7B	X	7.065	.5
44	MP7B	Z	0	.5
45	MP7B	Mx	-.001	.5
46	MP7B	X	7.065	3.5
47	MP7B	Z	0	3.5
48	MP7B	Mx	-.001	3.5
49	MP6C	X	5.104	.13
50	MP6C	Z	0	.13
51	MP6C	Mx	-.004	.13
52	MP6C	X	5.104	4.13
53	MP6C	Z	0	4.13
54	MP6C	Mx	-.004	4.13
55	MP6C	X	5.41	.13
56	MP6C	Z	0	.13
57	MP6C	Mx	-.005	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	5.41	4.13
59	MP6C	Z	0	4.13
60	MP6C	Mx	-.005	4.13
61	MP1A	X	4.096	.3
62	MP1A	Z	0	.3
63	MP1A	Mx	0	.3
64	MP1A	X	4.096	4.3
65	MP1A	Z	0	4.3
66	MP1A	Mx	0	4.3
67	MP1B	X	6.481	.3
68	MP1B	Z	0	.3
69	MP1B	Mx	.004	.3
70	MP1B	X	6.481	4.3
71	MP1B	Z	0	4.3
72	MP1B	Mx	.004	4.3
73	MP1C	X	7.686	.3
74	MP1C	Z	0	.3
75	MP1C	Mx	-.005	.3
76	MP1C	X	7.686	4.3
77	MP1C	Z	0	4.3
78	MP1C	Mx	-.005	4.3
79	MP4C	X	7.686	.3
80	MP4C	Z	0	.3
81	MP4C	Mx	-.005	.3
82	MP4C	X	7.686	4.3
83	MP4C	Z	0	4.3
84	MP4C	Mx	-.005	4.3
85	MP8A	X	4.096	.3
86	MP8A	Z	0	.3
87	MP8A	Mx	0	.3
88	MP8A	X	4.096	4.3
89	MP8A	Z	0	4.3
90	MP8A	Mx	0	4.3
91	MP8B	X	6.481	.3
92	MP8B	Z	0	.3
93	MP8B	Mx	.004	.3
94	MP8B	X	6.481	4.3
95	MP8B	Z	0	4.3
96	MP8B	Mx	.004	4.3
97	OVP	X	4.535	1
98	OVP	Z	0	1
99	OVP	Mx	-.000776	1
100	OVP	X	4.535	1
101	OVP	Z	0	1
102	OVP	Mx	.000776	1
103	MP7B	X	3.244	3.5
104	MP7B	Z	0	3.5
105	MP7B	Mx	-.000811	3.5
106	MP6C	X	2.365	3.5
107	MP6C	Z	0	3.5
108	MP6C	Mx	.001	3.5
109	MP8B	X	3.132	3.5
110	MP8B	Z	0	3.5
111	MP8B	Mx	-.000783	3.5
112	MP7C	X	1.915	3.5
113	MP7C	Z	0	3.5
114	MP7C	Mx	.000958	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	3.576	.3
2	MP2A	Z	2.065	.3
3	MP2A	Mx	-.001	.3
4	MP2A	X	3.576	2.3
5	MP2A	Z	2.065	2.3
6	MP2A	Mx	-.001	2.3
7	MP2B	X	2.093	.3
8	MP2B	Z	1.208	.3
9	MP2B	Mx	.002	.3
10	MP2B	X	2.093	2.3
11	MP2B	Z	1.208	2.3
12	MP2B	Mx	.002	2.3
13	MP2C	X	2.093	.3
14	MP2C	Z	1.208	.3
15	MP2C	Mx	-.002	.3
16	MP2C	X	2.093	2.3
17	MP2C	Z	1.208	2.3
18	MP2C	Mx	-.002	2.3
19	MP7A	X	2.945	3.5
20	MP7A	Z	1.7	3.5
21	MP7A	Mx	.000581	3.5
22	MP8A	X	2.899	3.5
23	MP8A	Z	1.674	3.5
24	MP8A	Mx	.000573	3.5
25	MP7A	X	6.419	.5
26	MP7A	Z	3.706	.5
27	MP7A	Mx	-.007	.5
28	MP7A	X	6.419	3.5
29	MP7A	Z	3.706	3.5
30	MP7A	Mx	-.007	3.5
31	MP7A	X	6.419	.5
32	MP7A	Z	3.706	.5
33	MP7A	Mx	.003	.5
34	MP7A	X	6.419	3.5
35	MP7A	Z	3.706	3.5
36	MP7A	Mx	.003	3.5
37	MP7B	X	4.986	.5
38	MP7B	Z	2.879	.5
39	MP7B	Mx	.006	.5
40	MP7B	X	4.986	3.5
41	MP7B	Z	2.879	3.5
42	MP7B	Mx	.006	3.5
43	MP7B	X	4.986	.5
44	MP7B	Z	2.879	.5
45	MP7B	Mx	.002	.5
46	MP7B	X	4.986	3.5
47	MP7B	Z	2.879	3.5
48	MP7B	Mx	.002	3.5
49	MP6C	X	4.986	.13
50	MP6C	Z	2.879	.13
51	MP6C	Mx	-.002	.13
52	MP6C	X	4.986	4.13
53	MP6C	Z	2.879	4.13
54	MP6C	Mx	-.002	4.13
55	MP6C	X	5.749	.13
56	MP6C	Z	3.319	.13
57	MP6C	Mx	-.007	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	5.749	4.13
59	MP6C	Z	3.319	4.13
60	MP6C	Mx	-.007	4.13
61	MP1A	X	4.427	.3
62	MP1A	Z	2.556	.3
63	MP1A	Mx	-.002	.3
64	MP1A	X	4.427	4.3
65	MP1A	Z	2.556	4.3
66	MP1A	Mx	-.002	4.3
67	MP1B	X	6.962	.3
68	MP1B	Z	4.019	.3
69	MP1B	Mx	.006	.3
70	MP1B	X	6.962	4.3
71	MP1B	Z	4.019	4.3
72	MP1B	Mx	.006	4.3
73	MP1C	X	5.002	.3
74	MP1C	Z	2.888	.3
75	MP1C	Mx	-.003	.3
76	MP1C	X	5.002	4.3
77	MP1C	Z	2.888	4.3
78	MP1C	Mx	-.003	4.3
79	MP4C	X	5.002	.3
80	MP4C	Z	2.888	.3
81	MP4C	Mx	-.003	.3
82	MP4C	X	5.002	4.3
83	MP4C	Z	2.888	4.3
84	MP4C	Mx	-.003	4.3
85	MP8A	X	4.427	.3
86	MP8A	Z	2.556	.3
87	MP8A	Mx	-.002	.3
88	MP8A	X	4.427	4.3
89	MP8A	Z	2.556	4.3
90	MP8A	Mx	-.002	4.3
91	MP8B	X	6.962	.3
92	MP8B	Z	4.019	.3
93	MP8B	Mx	.006	.3
94	MP8B	X	6.962	4.3
95	MP8B	Z	4.019	4.3
96	MP8B	Mx	.006	4.3
97	OVP	X	3.253	1
98	OVP	Z	1.878	1
99	OVP	Mx	-.001	1
100	OVP	X	3.253	1
101	OVP	Z	1.878	1
102	OVP	Mx	.001	1
103	MP7B	X	2.302	3.5
104	MP7B	Z	1.329	3.5
105	MP7B	Mx	-.001	3.5
106	MP6C	X	2.302	3.5
107	MP6C	Z	1.329	3.5
108	MP6C	Mx	.001	3.5
109	MP8B	X	2.01	3.5
110	MP8B	Z	1.16	3.5
111	MP8B	Mx	-.001	3.5
112	MP7C	X	2.01	3.5
113	MP7C	Z	1.16	3.5
114	MP7C	Mx	.001	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	1.429	.3
2	MP2A	Z	2.475	.3
3	MP2A	Mx	-.002	.3
4	MP2A	X	1.429	2.3
5	MP2A	Z	2.475	2.3
6	MP2A	Mx	-.002	2.3
7	MP2B	X	.87	.3
8	MP2B	Z	1.507	.3
9	MP2B	Mx	.001	.3
10	MP2B	X	.87	2.3
11	MP2B	Z	1.507	2.3
12	MP2B	Mx	.001	2.3
13	MP2C	X	1.885	.3
14	MP2C	Z	3.264	.3
15	MP2C	Mx	-.001	.3
16	MP2C	X	1.885	2.3
17	MP2C	Z	3.264	2.3
18	MP2C	Mx	-.001	2.3
19	MP7A	X	1.425	3.5
20	MP7A	Z	2.467	3.5
21	MP7A	Mx	.001	3.5
22	MP8A	X	1.293	3.5
23	MP8A	Z	2.239	3.5
24	MP8A	Mx	.00099	3.5
25	MP7A	X	3.092	.5
26	MP7A	Z	5.356	.5
27	MP7A	Mx	-.006	.5
28	MP7A	X	3.092	3.5
29	MP7A	Z	5.356	3.5
30	MP7A	Mx	-.006	3.5
31	MP7A	X	3.092	.5
32	MP7A	Z	5.356	.5
33	MP7A	Mx	-.000903	.5
34	MP7A	X	3.092	3.5
35	MP7A	Z	5.356	3.5
36	MP7A	Mx	-.000903	3.5
37	MP7B	X	2.552	.5
38	MP7B	Z	4.42	.5
39	MP7B	Mx	.004	.5
40	MP7B	X	2.552	3.5
41	MP7B	Z	4.42	3.5
42	MP7B	Mx	.004	3.5
43	MP7B	X	2.552	.5
44	MP7B	Z	4.42	.5
45	MP7B	Mx	.004	.5
46	MP7B	X	2.552	3.5
47	MP7B	Z	4.42	3.5
48	MP7B	Mx	.004	3.5
49	MP6C	X	3.532	.13
50	MP6C	Z	6.118	.13
51	MP6C	Mx	.001	.13
52	MP6C	X	3.532	4.13
53	MP6C	Z	6.118	4.13
54	MP6C	Mx	.001	4.13
55	MP6C	X	3.82	.13
56	MP6C	Z	6.616	.13
57	MP6C	Mx	-.006	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	3.82	4.13
59	MP6C	Z	6.616	4.13
60	MP6C	Mx	-.006	4.13
61	MP1A	X	3.572	.3
62	MP1A	Z	6.187	.3
63	MP1A	Mx	-.005	.3
64	MP1A	X	3.572	4.3
65	MP1A	Z	6.187	4.3
66	MP1A	Mx	-.005	4.3
67	MP1B	X	3.843	.3
68	MP1B	Z	6.656	.3
69	MP1B	Mx	.005	.3
70	MP1B	X	3.843	4.3
71	MP1B	Z	6.656	4.3
72	MP1B	Mx	.005	4.3
73	MP1C	X	2.109	.3
74	MP1C	Z	3.653	.3
75	MP1C	Mx	-.000549	.3
76	MP1C	X	2.109	4.3
77	MP1C	Z	3.653	4.3
78	MP1C	Mx	-.000549	4.3
79	MP4C	X	2.109	.3
80	MP4C	Z	3.653	.3
81	MP4C	Mx	-.000549	.3
82	MP4C	X	2.109	4.3
83	MP4C	Z	3.653	4.3
84	MP4C	Mx	-.000549	4.3
85	MP8A	X	3.572	.3
86	MP8A	Z	6.187	.3
87	MP8A	Mx	-.005	.3
88	MP8A	X	3.572	4.3
89	MP8A	Z	6.187	4.3
90	MP8A	Mx	-.005	4.3
91	MP8B	X	3.843	.3
92	MP8B	Z	6.656	.3
93	MP8B	Mx	.005	.3
94	MP8B	X	3.843	4.3
95	MP8B	Z	6.656	4.3
96	MP8B	Mx	.005	4.3
97	OVP	X	1.561	1
98	OVP	Z	2.703	1
99	OVP	Mx	-.002	1
100	OVP	X	1.561	1
101	OVP	Z	2.703	1
102	OVP	Mx	.002	1
103	MP7B	X	1.182	3.5
104	MP7B	Z	2.048	3.5
105	MP7B	Mx	-.001	3.5
106	MP6C	X	1.622	3.5
107	MP6C	Z	2.81	3.5
108	MP6C	Mx	.000811	3.5
109	MP8B	X	.958	3.5
110	MP8B	Z	1.659	3.5
111	MP8B	Mx	-.000958	3.5
112	MP7C	X	1.566	3.5
113	MP7C	Z	2.712	3.5
114	MP7C	Mx	.000783	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	0	.3
2	MP2A	Z	1.822	.3
3	MP2A	Mx	-.001	.3
4	MP2A	X	0	2.3
5	MP2A	Z	1.822	2.3
6	MP2A	Mx	-.001	2.3
7	MP2B	X	0	.3
8	MP2B	Z	2.417	.3
9	MP2B	Mx	.002	.3
10	MP2B	X	0	2.3
11	MP2B	Z	2.417	2.3
12	MP2B	Mx	.002	2.3
13	MP2C	X	0	.3
14	MP2C	Z	4.445	.3
15	MP2C	Mx	0	.3
16	MP2C	X	0	2.3
17	MP2C	Z	4.445	2.3
18	MP2C	Mx	0	2.3
19	MP7A	X	0	3.5
20	MP7A	Z	2.4	3.5
21	MP7A	Mx	.001	3.5
22	MP8A	X	0	3.5
23	MP8A	Z	1.964	3.5
24	MP8A	Mx	.000967	3.5
25	MP7A	X	0	.5
26	MP7A	Z	5.183	.5
27	MP7A	Mx	-.004	.5
28	MP7A	X	0	3.5
29	MP7A	Z	5.183	3.5
30	MP7A	Mx	-.004	3.5
31	MP7A	X	0	.5
32	MP7A	Z	5.183	.5
33	MP7A	Mx	-.003	.5
34	MP7A	X	0	3.5
35	MP7A	Z	5.183	3.5
36	MP7A	Mx	-.003	3.5
37	MP7B	X	0	.5
38	MP7B	Z	5.758	.5
39	MP7B	Mx	.002	.5
40	MP7B	X	0	3.5
41	MP7B	Z	5.758	3.5
42	MP7B	Mx	.002	3.5
43	MP7B	X	0	.5
44	MP7B	Z	5.758	.5
45	MP7B	Mx	.006	.5
46	MP7B	X	0	3.5
47	MP7B	Z	5.758	3.5
48	MP7B	Mx	.006	3.5
49	MP6C	X	0	.13
50	MP6C	Z	7.718	.13
51	MP6C	Mx	.005	.13
52	MP6C	X	0	4.13
53	MP6C	Z	7.718	4.13
54	MP6C	Mx	.005	4.13
55	MP6C	X	0	.13
56	MP6C	Z	7.412	.13
57	MP6C	Mx	-.003	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	0	4.13
59	MP6C	Z	7.412	4.13
60	MP6C	Mx	-.003	4.13
61	MP1A	X	0	.3
62	MP1A	Z	8.161	.3
63	MP1A	Mx	-.006	.3
64	MP1A	X	0	4.3
65	MP1A	Z	8.161	4.3
66	MP1A	Mx	-.006	4.3
67	MP1B	X	0	.3
68	MP1B	Z	5.775	.3
69	MP1B	Mx	.003	.3
70	MP1B	X	0	4.3
71	MP1B	Z	5.775	4.3
72	MP1B	Mx	.003	4.3
73	MP1C	X	0	.3
74	MP1C	Z	4.571	.3
75	MP1C	Mx	.001	.3
76	MP1C	X	0	4.3
77	MP1C	Z	4.571	4.3
78	MP1C	Mx	.001	4.3
79	MP4C	X	0	.3
80	MP4C	Z	4.571	.3
81	MP4C	Mx	.001	.3
82	MP4C	X	0	4.3
83	MP4C	Z	4.571	4.3
84	MP4C	Mx	.001	4.3
85	MP8A	X	0	.3
86	MP8A	Z	8.161	.3
87	MP8A	Mx	-.006	.3
88	MP8A	X	0	4.3
89	MP8A	Z	8.161	4.3
90	MP8A	Mx	-.006	4.3
91	MP8B	X	0	.3
92	MP8B	Z	5.775	.3
93	MP8B	Mx	.003	.3
94	MP8B	X	0	4.3
95	MP8B	Z	5.775	4.3
96	MP8B	Mx	.003	4.3
97	OVP	X	0	1
98	OVP	Z	3.265	1
99	OVP	Mx	-.002	1
100	OVP	X	0	1
101	OVP	Z	3.265	1
102	OVP	Mx	.002	1
103	MP7B	X	0	3.5
104	MP7B	Z	2.658	3.5
105	MP7B	Mx	-.001	3.5
106	MP6C	X	0	3.5
107	MP6C	Z	3.537	3.5
108	MP6C	Mx	0	3.5
109	MP8B	X	0	3.5
110	MP8B	Z	2.321	3.5
111	MP8B	Mx	-.001	3.5
112	MP7C	X	0	3.5
113	MP7C	Z	3.537	3.5
114	MP7C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-1.028	.3
2	MP2A	Z	1.781	.3
3	MP2A	Mx	-.001	.3
4	MP2A	X	-1.028	2.3
5	MP2A	Z	1.781	2.3
6	MP2A	Mx	-.001	2.3
7	MP2B	X	-1.885	.3
8	MP2B	Z	3.264	.3
9	MP2B	Mx	.001	.3
10	MP2B	X	-1.885	2.3
11	MP2B	Z	3.264	2.3
12	MP2B	Mx	.001	2.3
13	MP2C	X	-1.885	.3
14	MP2C	Z	3.264	.3
15	MP2C	Mx	.001	.3
16	MP2C	X	-1.885	2.3
17	MP2C	Z	3.264	2.3
18	MP2C	Mx	.001	2.3
19	MP7A	X	-1.251	3.5
20	MP7A	Z	2.167	3.5
21	MP7A	Mx	.001	3.5
22	MP8A	X	-1.053	3.5
23	MP8A	Z	1.823	3.5
24	MP8A	Mx	.000989	3.5
25	MP7A	X	-2.705	.5
26	MP7A	Z	4.685	.5
27	MP7A	Mx	-.003	.5
28	MP7A	X	-2.705	3.5
29	MP7A	Z	4.685	3.5
30	MP7A	Mx	-.003	3.5
31	MP7A	X	-2.705	.5
32	MP7A	Z	4.685	.5
33	MP7A	Mx	-.005	.5
34	MP7A	X	-2.705	3.5
35	MP7A	Z	4.685	3.5
36	MP7A	Mx	-.005	3.5
37	MP7B	X	-3.532	.5
38	MP7B	Z	6.118	.5
39	MP7B	Mx	-.001	.5
40	MP7B	X	-3.532	3.5
41	MP7B	Z	6.118	3.5
42	MP7B	Mx	-.001	3.5
43	MP7B	X	-3.532	.5
44	MP7B	Z	6.118	.5
45	MP7B	Mx	.007	.5
46	MP7B	X	-3.532	3.5
47	MP7B	Z	6.118	3.5
48	MP7B	Mx	.007	3.5
49	MP6C	X	-3.532	.13
50	MP6C	Z	6.118	.13
51	MP6C	Mx	.007	.13
52	MP6C	X	-3.532	4.13
53	MP6C	Z	6.118	4.13
54	MP6C	Mx	.007	4.13
55	MP6C	X	-3.092	.13
56	MP6C	Z	5.356	.13
57	MP6C	Mx	.000903	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-3.092	4.13
59	MP6C	Z	5.356	4.13
60	MP6C	Mx	.000903	4.13
61	MP1A	X	-3.572	.3
62	MP1A	Z	6.187	.3
63	MP1A	Mx	-.005	.3
64	MP1A	X	-3.572	4.3
65	MP1A	Z	6.187	4.3
66	MP1A	Mx	-.005	4.3
67	MP1B	X	-2.109	.3
68	MP1B	Z	3.653	.3
69	MP1B	Mx	.000549	.3
70	MP1B	X	-2.109	4.3
71	MP1B	Z	3.653	4.3
72	MP1B	Mx	.000549	4.3
73	MP1C	X	-3.241	.3
74	MP1C	Z	5.613	.3
75	MP1C	Mx	.004	.3
76	MP1C	X	-3.241	4.3
77	MP1C	Z	5.613	4.3
78	MP1C	Mx	.004	4.3
79	MP4C	X	-3.241	.3
80	MP4C	Z	5.613	.3
81	MP4C	Mx	.004	.3
82	MP4C	X	-3.241	4.3
83	MP4C	Z	5.613	4.3
84	MP4C	Mx	.004	4.3
85	MP8A	X	-3.572	.3
86	MP8A	Z	6.187	.3
87	MP8A	Mx	-.005	.3
88	MP8A	X	-3.572	4.3
89	MP8A	Z	6.187	4.3
90	MP8A	Mx	-.005	4.3
91	MP8B	X	-2.109	.3
92	MP8B	Z	3.653	.3
93	MP8B	Mx	.000549	.3
94	MP8B	X	-2.109	4.3
95	MP8B	Z	3.653	4.3
96	MP8B	Mx	.000549	4.3
97	OVP	X	-2.022	1
98	OVP	Z	3.502	1
99	OVP	Mx	-.001	1
100	OVP	X	-2.022	1
101	OVP	Z	3.502	1
102	OVP	Mx	.001	1
103	MP7B	X	-1.622	3.5
104	MP7B	Z	2.81	3.5
105	MP7B	Mx	-.000811	3.5
106	MP6C	X	-1.622	3.5
107	MP6C	Z	2.81	3.5
108	MP6C	Mx	-.000811	3.5
109	MP8B	X	-1.566	3.5
110	MP8B	Z	2.712	3.5
111	MP8B	Mx	-.000783	3.5
112	MP7C	X	-1.566	3.5
113	MP7C	Z	2.712	3.5
114	MP7C	Mx	-.000783	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-2.882	.3
2	MP2A	Z	1.664	.3
3	MP2A	Mx	-.002	.3
4	MP2A	X	-2.882	2.3
5	MP2A	Z	1.664	2.3
6	MP2A	Mx	-.002	2.3
7	MP2B	X	-3.85	.3
8	MP2B	Z	2.223	.3
9	MP2B	Mx	0	.3
10	MP2B	X	-3.85	2.3
11	MP2B	Z	2.223	2.3
12	MP2B	Mx	0	2.3
13	MP2C	X	-2.093	.3
14	MP2C	Z	1.208	.3
15	MP2C	Mx	.002	.3
16	MP2C	X	-2.093	2.3
17	MP2C	Z	1.208	2.3
18	MP2C	Mx	.002	2.3
19	MP7A	X	-2.644	3.5
20	MP7A	Z	1.526	3.5
21	MP7A	Mx	.000981	3.5
22	MP8A	X	-2.483	3.5
23	MP8A	Z	1.434	3.5
24	MP8A	Mx	.000922	3.5
25	MP7A	X	-5.749	.5
26	MP7A	Z	3.319	.5
27	MP7A	Mx	.00019	.5
28	MP7A	X	-5.749	3.5
29	MP7A	Z	3.319	3.5
30	MP7A	Mx	.00019	3.5
31	MP7A	X	-5.749	.5
32	MP7A	Z	3.319	.5
33	MP7A	Mx	-.007	.5
34	MP7A	X	-5.749	3.5
35	MP7A	Z	3.319	3.5
36	MP7A	Mx	-.007	3.5
37	MP7B	X	-6.684	.5
38	MP7B	Z	3.859	.5
39	MP7B	Mx	-.005	.5
40	MP7B	X	-6.684	3.5
41	MP7B	Z	3.859	3.5
42	MP7B	Mx	-.005	3.5
43	MP7B	X	-6.684	.5
44	MP7B	Z	3.859	.5
45	MP7B	Mx	.005	.5
46	MP7B	X	-6.684	3.5
47	MP7B	Z	3.859	3.5
48	MP7B	Mx	.005	3.5
49	MP6C	X	-4.986	.13
50	MP6C	Z	2.879	.13
51	MP6C	Mx	.006	.13
52	MP6C	X	-4.986	4.13
53	MP6C	Z	2.879	4.13
54	MP6C	Mx	.006	4.13
55	MP6C	X	-4.488	.13
56	MP6C	Z	2.591	.13
57	MP6C	Mx	.003	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-4.488	4.13
59	MP6C	Z	2.591	4.13
60	MP6C	Mx	.003	4.13
61	MP1A	X	-4.427	.3
62	MP1A	Z	2.556	.3
63	MP1A	Mx	-.002	.3
64	MP1A	X	-4.427	4.3
65	MP1A	Z	2.556	4.3
66	MP1A	Mx	-.002	4.3
67	MP1B	X	-3.959	.3
68	MP1B	Z	2.286	.3
69	MP1B	Mx	-.001	.3
70	MP1B	X	-3.959	4.3
71	MP1B	Z	2.286	4.3
72	MP1B	Mx	-.001	4.3
73	MP1C	X	-6.962	.3
74	MP1C	Z	4.019	.3
75	MP1C	Mx	.006	.3
76	MP1C	X	-6.962	4.3
77	MP1C	Z	4.019	4.3
78	MP1C	Mx	.006	4.3
79	MP4C	X	-6.962	.3
80	MP4C	Z	4.019	.3
81	MP4C	Mx	.006	.3
82	MP4C	X	-6.962	4.3
83	MP4C	Z	4.019	4.3
84	MP4C	Mx	.006	4.3
85	MP8A	X	-4.427	.3
86	MP8A	Z	2.556	.3
87	MP8A	Mx	-.002	.3
88	MP8A	X	-4.427	4.3
89	MP8A	Z	2.556	4.3
90	MP8A	Mx	-.002	4.3
91	MP8B	X	-3.959	.3
92	MP8B	Z	2.286	.3
93	MP8B	Mx	-.001	.3
94	MP8B	X	-3.959	4.3
95	MP8B	Z	2.286	4.3
96	MP8B	Mx	-.001	4.3
97	OVP	X	-4.052	1
98	OVP	Z	2.34	1
99	OVP	Mx	-.000407	1
100	OVP	X	-4.052	1
101	OVP	Z	2.34	1
102	OVP	Mx	.000407	1
103	MP7B	X	-3.064	3.5
104	MP7B	Z	1.769	3.5
105	MP7B	Mx	0	3.5
106	MP6C	X	-2.302	3.5
107	MP6C	Z	1.329	3.5
108	MP6C	Mx	-.001	3.5
109	MP8B	X	-3.064	3.5
110	MP8B	Z	1.769	3.5
111	MP8B	Mx	0	3.5
112	MP7C	X	-2.01	3.5
113	MP7C	Z	1.16	3.5
114	MP7C	Mx	-.001	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-4.364	.3
2	MP2A	Z	0	.3
3	MP2A	Mx	-.000568	.3
4	MP2A	X	-4.364	2.3
5	MP2A	Z	0	2.3
6	MP2A	Mx	-.000568	2.3
7	MP2B	X	-3.769	.3
8	MP2B	Z	0	.3
9	MP2B	Mx	-.001	.3
10	MP2B	X	-3.769	2.3
11	MP2B	Z	0	2.3
12	MP2B	Mx	-.001	2.3
13	MP2C	X	-1.74	.3
14	MP2C	Z	0	.3
15	MP2C	Mx	.001	.3
16	MP2C	X	-1.74	2.3
17	MP2C	Z	0	2.3
18	MP2C	Mx	.001	2.3
19	MP7A	X	-3.502	3.5
20	MP7A	Z	0	3.5
21	MP7A	Mx	.000304	3.5
22	MP8A	X	-3.489	3.5
23	MP8A	Z	0	3.5
24	MP8A	Mx	.000303	3.5
25	MP7A	X	-7.639	.5
26	MP7A	Z	0	.5
27	MP7A	Mx	.004	.5
28	MP7A	X	-7.639	3.5
29	MP7A	Z	0	3.5
30	MP7A	Mx	.004	3.5
31	MP7A	X	-7.639	.5
32	MP7A	Z	0	.5
33	MP7A	Mx	-.006	.5
34	MP7A	X	-7.639	3.5
35	MP7A	Z	0	3.5
36	MP7A	Mx	-.006	3.5
37	MP7B	X	-7.065	.5
38	MP7B	Z	0	.5
39	MP7B	Mx	-.007	.5
40	MP7B	X	-7.065	3.5
41	MP7B	Z	0	3.5
42	MP7B	Mx	-.007	3.5
43	MP7B	X	-7.065	.5
44	MP7B	Z	0	.5
45	MP7B	Mx	.001	.5
46	MP7B	X	-7.065	3.5
47	MP7B	Z	0	3.5
48	MP7B	Mx	.001	3.5
49	MP6C	X	-5.104	.13
50	MP6C	Z	0	.13
51	MP6C	Mx	.004	.13
52	MP6C	X	-5.104	4.13
53	MP6C	Z	0	4.13
54	MP6C	Mx	.004	4.13
55	MP6C	X	-5.41	.13
56	MP6C	Z	0	.13
57	MP6C	Mx	.005	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-5.41	4.13
59	MP6C	Z	0	4.13
60	MP6C	Mx	.005	4.13
61	MP1A	X	-4.096	.3
62	MP1A	Z	0	.3
63	MP1A	Mx	0	.3
64	MP1A	X	-4.096	4.3
65	MP1A	Z	0	4.3
66	MP1A	Mx	0	4.3
67	MP1B	X	-6.481	.3
68	MP1B	Z	0	.3
69	MP1B	Mx	-.004	.3
70	MP1B	X	-6.481	4.3
71	MP1B	Z	0	4.3
72	MP1B	Mx	-.004	4.3
73	MP1C	X	-7.686	.3
74	MP1C	Z	0	.3
75	MP1C	Mx	.005	.3
76	MP1C	X	-7.686	4.3
77	MP1C	Z	0	4.3
78	MP1C	Mx	.005	4.3
79	MP4C	X	-7.686	.3
80	MP4C	Z	0	.3
81	MP4C	Mx	.005	.3
82	MP4C	X	-7.686	4.3
83	MP4C	Z	0	4.3
84	MP4C	Mx	.005	4.3
85	MP8A	X	-4.096	.3
86	MP8A	Z	0	.3
87	MP8A	Mx	0	.3
88	MP8A	X	-4.096	4.3
89	MP8A	Z	0	4.3
90	MP8A	Mx	0	4.3
91	MP8B	X	-6.481	.3
92	MP8B	Z	0	.3
93	MP8B	Mx	-.004	.3
94	MP8B	X	-6.481	4.3
95	MP8B	Z	0	4.3
96	MP8B	Mx	-.004	4.3
97	OVP	X	-4.535	1
98	OVP	Z	0	1
99	OVP	Mx	.000776	1
100	OVP	X	-4.535	1
101	OVP	Z	0	1
102	OVP	Mx	-.000776	1
103	MP7B	X	-3.244	3.5
104	MP7B	Z	0	3.5
105	MP7B	Mx	.000811	3.5
106	MP6C	X	-2.365	3.5
107	MP6C	Z	0	3.5
108	MP6C	Mx	-.001	3.5
109	MP8B	X	-3.132	3.5
110	MP8B	Z	0	3.5
111	MP8B	Mx	.000783	3.5
112	MP7C	X	-1.915	3.5
113	MP7C	Z	0	3.5
114	MP7C	Mx	-.000958	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-3.576	.3
2	MP2A	Z	-2.065	.3
3	MP2A	Mx	.001	.3
4	MP2A	X	-3.576	2.3
5	MP2A	Z	-2.065	2.3
6	MP2A	Mx	.001	2.3
7	MP2B	X	-2.093	.3
8	MP2B	Z	-1.208	.3
9	MP2B	Mx	-.002	.3
10	MP2B	X	-2.093	2.3
11	MP2B	Z	-1.208	2.3
12	MP2B	Mx	-.002	2.3
13	MP2C	X	-2.093	.3
14	MP2C	Z	-1.208	.3
15	MP2C	Mx	.002	.3
16	MP2C	X	-2.093	2.3
17	MP2C	Z	-1.208	2.3
18	MP2C	Mx	.002	2.3
19	MP7A	X	-2.945	3.5
20	MP7A	Z	-1.7	3.5
21	MP7A	Mx	-.000581	3.5
22	MP8A	X	-2.899	3.5
23	MP8A	Z	-1.674	3.5
24	MP8A	Mx	-.000573	3.5
25	MP7A	X	-6.419	.5
26	MP7A	Z	-3.706	.5
27	MP7A	Mx	.007	.5
28	MP7A	X	-6.419	3.5
29	MP7A	Z	-3.706	3.5
30	MP7A	Mx	.007	3.5
31	MP7A	X	-6.419	.5
32	MP7A	Z	-3.706	.5
33	MP7A	Mx	-.003	.5
34	MP7A	X	-6.419	3.5
35	MP7A	Z	-3.706	3.5
36	MP7A	Mx	-.003	3.5
37	MP7B	X	-4.986	.5
38	MP7B	Z	-2.879	.5
39	MP7B	Mx	-.006	.5
40	MP7B	X	-4.986	3.5
41	MP7B	Z	-2.879	3.5
42	MP7B	Mx	-.006	3.5
43	MP7B	X	-4.986	.5
44	MP7B	Z	-2.879	.5
45	MP7B	Mx	-.002	.5
46	MP7B	X	-4.986	3.5
47	MP7B	Z	-2.879	3.5
48	MP7B	Mx	-.002	3.5
49	MP6C	X	-4.986	.13
50	MP6C	Z	-2.879	.13
51	MP6C	Mx	.002	.13
52	MP6C	X	-4.986	4.13
53	MP6C	Z	-2.879	4.13
54	MP6C	Mx	.002	4.13
55	MP6C	X	-5.749	.13
56	MP6C	Z	-3.319	.13
57	MP6C	Mx	.007	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-5.749	4.13
59	MP6C	Z	-3.319	4.13
60	MP6C	Mx	.007	4.13
61	MP1A	X	-4.427	.3
62	MP1A	Z	-2.556	.3
63	MP1A	Mx	.002	.3
64	MP1A	X	-4.427	4.3
65	MP1A	Z	-2.556	4.3
66	MP1A	Mx	.002	4.3
67	MP1B	X	-6.962	.3
68	MP1B	Z	-4.019	.3
69	MP1B	Mx	-.006	.3
70	MP1B	X	-6.962	4.3
71	MP1B	Z	-4.019	4.3
72	MP1B	Mx	-.006	4.3
73	MP1C	X	-5.002	.3
74	MP1C	Z	-2.888	.3
75	MP1C	Mx	.003	.3
76	MP1C	X	-5.002	4.3
77	MP1C	Z	-2.888	4.3
78	MP1C	Mx	.003	4.3
79	MP4C	X	-5.002	.3
80	MP4C	Z	-2.888	.3
81	MP4C	Mx	.003	.3
82	MP4C	X	-5.002	4.3
83	MP4C	Z	-2.888	4.3
84	MP4C	Mx	.003	4.3
85	MP8A	X	-4.427	.3
86	MP8A	Z	-2.556	.3
87	MP8A	Mx	.002	.3
88	MP8A	X	-4.427	4.3
89	MP8A	Z	-2.556	4.3
90	MP8A	Mx	.002	4.3
91	MP8B	X	-6.962	.3
92	MP8B	Z	-4.019	.3
93	MP8B	Mx	-.006	.3
94	MP8B	X	-6.962	4.3
95	MP8B	Z	-4.019	4.3
96	MP8B	Mx	-.006	4.3
97	OVP	X	-3.253	1
98	OVP	Z	-1.878	1
99	OVP	Mx	.001	1
100	OVP	X	-3.253	1
101	OVP	Z	-1.878	1
102	OVP	Mx	-.001	1
103	MP7B	X	-2.302	3.5
104	MP7B	Z	-1.329	3.5
105	MP7B	Mx	.001	3.5
106	MP6C	X	-2.302	3.5
107	MP6C	Z	-1.329	3.5
108	MP6C	Mx	-.001	3.5
109	MP8B	X	-2.01	3.5
110	MP8B	Z	-1.16	3.5
111	MP8B	Mx	.001	3.5
112	MP7C	X	-2.01	3.5
113	MP7C	Z	-1.16	3.5
114	MP7C	Mx	-.001	3.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP2A	X	-1.429	.3
2	MP2A	Z	-2.475	.3
3	MP2A	Mx	.002	.3
4	MP2A	X	-1.429	2.3
5	MP2A	Z	-2.475	2.3
6	MP2A	Mx	.002	2.3
7	MP2B	X	-.87	.3
8	MP2B	Z	-1.507	.3
9	MP2B	Mx	-.001	.3
10	MP2B	X	-.87	2.3
11	MP2B	Z	-1.507	2.3
12	MP2B	Mx	-.001	2.3
13	MP2C	X	-1.885	.3
14	MP2C	Z	-3.264	.3
15	MP2C	Mx	.001	.3
16	MP2C	X	-1.885	2.3
17	MP2C	Z	-3.264	2.3
18	MP2C	Mx	.001	2.3
19	MP7A	X	-1.425	3.5
20	MP7A	Z	-2.467	3.5
21	MP7A	Mx	-.001	3.5
22	MP8A	X	-1.293	3.5
23	MP8A	Z	-2.239	3.5
24	MP8A	Mx	-.00099	3.5
25	MP7A	X	-3.092	.5
26	MP7A	Z	-5.356	.5
27	MP7A	Mx	.006	.5
28	MP7A	X	-3.092	3.5
29	MP7A	Z	-5.356	3.5
30	MP7A	Mx	.006	3.5
31	MP7A	X	-3.092	.5
32	MP7A	Z	-5.356	.5
33	MP7A	Mx	.000903	.5
34	MP7A	X	-3.092	3.5
35	MP7A	Z	-5.356	3.5
36	MP7A	Mx	.000903	3.5
37	MP7B	X	-2.552	.5
38	MP7B	Z	-4.42	.5
39	MP7B	Mx	-.004	.5
40	MP7B	X	-2.552	3.5
41	MP7B	Z	-4.42	3.5
42	MP7B	Mx	-.004	3.5
43	MP7B	X	-2.552	.5
44	MP7B	Z	-4.42	.5
45	MP7B	Mx	-.004	.5
46	MP7B	X	-2.552	3.5
47	MP7B	Z	-4.42	3.5
48	MP7B	Mx	-.004	3.5
49	MP6C	X	-3.532	.13
50	MP6C	Z	-6.118	.13
51	MP6C	Mx	-.001	.13
52	MP6C	X	-3.532	4.13
53	MP6C	Z	-6.118	4.13
54	MP6C	Mx	-.001	4.13
55	MP6C	X	-3.82	.13
56	MP6C	Z	-6.616	.13
57	MP6C	Mx	.006	.13

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP6C	X	-3.82	4.13
59	MP6C	Z	-6.616	4.13
60	MP6C	Mx	.006	4.13
61	MP1A	X	-3.572	.3
62	MP1A	Z	-6.187	.3
63	MP1A	Mx	.005	.3
64	MP1A	X	-3.572	4.3
65	MP1A	Z	-6.187	4.3
66	MP1A	Mx	.005	4.3
67	MP1B	X	-3.843	.3
68	MP1B	Z	-6.656	.3
69	MP1B	Mx	-.005	.3
70	MP1B	X	-3.843	4.3
71	MP1B	Z	-6.656	4.3
72	MP1B	Mx	-.005	4.3
73	MP1C	X	-2.109	.3
74	MP1C	Z	-3.653	.3
75	MP1C	Mx	.000549	.3
76	MP1C	X	-2.109	4.3
77	MP1C	Z	-3.653	4.3
78	MP1C	Mx	.000549	4.3
79	MP4C	X	-2.109	.3
80	MP4C	Z	-3.653	.3
81	MP4C	Mx	.000549	.3
82	MP4C	X	-2.109	4.3
83	MP4C	Z	-3.653	4.3
84	MP4C	Mx	.000549	4.3
85	MP8A	X	-3.572	.3
86	MP8A	Z	-6.187	.3
87	MP8A	Mx	.005	.3
88	MP8A	X	-3.572	4.3
89	MP8A	Z	-6.187	4.3
90	MP8A	Mx	.005	4.3
91	MP8B	X	-3.843	.3
92	MP8B	Z	-6.656	.3
93	MP8B	Mx	-.005	.3
94	MP8B	X	-3.843	4.3
95	MP8B	Z	-6.656	4.3
96	MP8B	Mx	-.005	4.3
97	OVP	X	-1.561	1
98	OVP	Z	-2.703	1
99	OVP	Mx	.002	1
100	OVP	X	-1.561	1
101	OVP	Z	-2.703	1
102	OVP	Mx	-.002	1
103	MP7B	X	-1.182	3.5
104	MP7B	Z	-2.048	3.5
105	MP7B	Mx	.001	3.5
106	MP6C	X	-1.622	3.5
107	MP6C	Z	-2.81	3.5
108	MP6C	Mx	-.000811	3.5
109	MP8B	X	-.958	3.5
110	MP8B	Z	-1.659	3.5
111	MP8B	Mx	.000958	3.5
112	MP7C	X	-1.566	3.5
113	MP7C	Z	-2.712	3.5
114	MP7C	Mx	-.000783	3.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M73	Y	-500	%96

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M73	Y	-500	%20

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M73	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M73	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	M73	Y	-8.782	-8.782	0	%100
2	M76	Y	-9.208	-9.208	0	%100
3	M77	Y	-9.208	-9.208	0	%100
4	M78	Y	-15.132	-15.132	0	%100
5	M79	Y	-15.132	-15.132	0	%100
6	M84	Y	-9.703	-9.703	0	%100
7	M85	Y	-9.208	-9.208	0	%100
8	M86	Y	-9.208	-9.208	0	%100
9	M87	Y	-15.132	-15.132	0	%100
10	M88	Y	-15.132	-15.132	0	%100
11	M93	Y	-9.703	-9.703	0	%100
12	M94	Y	-9.208	-9.208	0	%100
13	M95	Y	-9.208	-9.208	0	%100
14	M96	Y	-15.132	-15.132	0	%100
15	M97	Y	-15.132	-15.132	0	%100
16	M102	Y	-9.703	-9.703	0	%100
17	M103	Y	-7.285	-7.285	0	%100
18	M107	Y	-9.703	-9.703	0	%100
19	M71	Y	-8.782	-8.782	0	%100
20	M72	Y	-8.782	-8.782	0	%100
21	M71A	Y	-7.285	-7.285	0	%100
22	M72A	Y	-7.285	-7.285	0	%100
23	MP1A	Y	-4.744	-4.744	0	%100
24	MP2A	Y	-4.744	-4.744	0	%100
25	MP3A	Y	-4.744	-4.744	0	%100
26	MP4A	Y	-4.744	-4.744	0	%100
27	MP5A	Y	-4.744	-4.744	0	%100
28	MP6A	Y	-4.744	-4.744	0	%100
29	MP7A	Y	-4.744	-4.744	0	%100
30	MP8A	Y	-4.744	-4.744	0	%100
31	MP1B	Y	-4.744	-4.744	0	%100
32	MP2B	Y	-4.744	-4.744	0	%100
33	MP3B	Y	-4.744	-4.744	0	%100
34	MP4B	Y	-4.744	-4.744	0	%100
35	MP5B	Y	-4.744	-4.744	0	%100
36	MP6B	Y	-4.744	-4.744	0	%100
37	MP7B	Y	-4.744	-4.744	0	%100
38	MP8B	Y	-4.744	-4.744	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
39	MP1C	Y	-4.744	-4.744	0	%100
40	MP2C	Y	-4.744	-4.744	0	%100
41	MP3C	Y	-4.744	-4.744	0	%100
42	MP4C	Y	-4.744	-4.744	0	%100
43	MP5C	Y	-4.744	-4.744	0	%100
44	MP6C	Y	-4.744	-4.744	0	%100
45	MP7C	Y	-4.744	-4.744	0	%100
46	OVP	Y	-4.744	-4.744	0	%100
47	M126A	Y	-9.703	-9.703	0	%100
48	M127A	Y	-9.703	-9.703	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	M73	X	0	0	0	%100
2	M73	Z	-25.223	-25.223	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	-17.603	-17.603	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	-30.267	-30.267	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	-30.267	-30.267	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	-1.513	-1.513	0	%100
13	M85	X	0	0	0	%100
14	M85	Z	-9.323	-9.323	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	-4.401	-4.401	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	-7.567	-7.567	0	%100
19	M88	X	0	0	0	%100
20	M88	Z	-7.567	-7.567	0	%100
21	M93	X	0	0	0	%100
22	M93	Z	-.378	-.378	0	%100
23	M94	X	0	0	0	%100
24	M94	Z	-9.323	-9.323	0	%100
25	M95	X	0	0	0	%100
26	M95	Z	-4.401	-4.401	0	%100
27	M96	X	0	0	0	%100
28	M96	Z	-7.567	-7.567	0	%100
29	M97	X	0	0	0	%100
30	M97	Z	-7.567	-7.567	0	%100
31	M102	X	0	0	0	%100
32	M102	Z	-.378	-.378	0	%100
33	M103	X	0	0	0	%100
34	M103	Z	-15.134	-15.134	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	-.378	-.378	0	%100
37	M71	X	0	0	0	%100
38	M71	Z	-6.306	-6.306	0	%100
39	M72	X	0	0	0	%100
40	M72	Z	-6.306	-6.306	0	%100
41	M71A	X	0	0	0	%100
42	M71A	Z	-3.783	-3.783	0	%100
43	M72A	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,%]
44	M72A	Z	-3.783	-3.783	0	%100
45	MP1A	X	0	0	0	%100
46	MP1A	Z	-7.188	-7.188	0	%100
47	MP2A	X	0	0	0	%100
48	MP2A	Z	-7.188	-7.188	0	%100
49	MP3A	X	0	0	0	%100
50	MP3A	Z	-7.188	-7.188	0	%100
51	MP4A	X	0	0	0	%100
52	MP4A	Z	-7.188	-7.188	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	-7.188	-7.188	0	%100
55	MP6A	X	0	0	0	%100
56	MP6A	Z	-7.188	-7.188	0	%100
57	MP7A	X	0	0	0	%100
58	MP7A	Z	-7.188	-7.188	0	%100
59	MP8A	X	0	0	0	%100
60	MP8A	Z	-7.188	-7.188	0	%100
61	MP1B	X	0	0	0	%100
62	MP1B	Z	-7.188	-7.188	0	%100
63	MP2B	X	0	0	0	%100
64	MP2B	Z	-7.188	-7.188	0	%100
65	MP3B	X	0	0	0	%100
66	MP3B	Z	-7.188	-7.188	0	%100
67	MP4B	X	0	0	0	%100
68	MP4B	Z	-7.188	-7.188	0	%100
69	MP5B	X	0	0	0	%100
70	MP5B	Z	-7.188	-7.188	0	%100
71	MP6B	X	0	0	0	%100
72	MP6B	Z	-7.188	-7.188	0	%100
73	MP7B	X	0	0	0	%100
74	MP7B	Z	-7.188	-7.188	0	%100
75	MP8B	X	0	0	0	%100
76	MP8B	Z	-7.188	-7.188	0	%100
77	MP1C	X	0	0	0	%100
78	MP1C	Z	-7.188	-7.188	0	%100
79	MP2C	X	0	0	0	%100
80	MP2C	Z	-7.188	-7.188	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	-7.188	-7.188	0	%100
83	MP4C	X	0	0	0	%100
84	MP4C	Z	-7.188	-7.188	0	%100
85	MP5C	X	0	0	0	%100
86	MP5C	Z	-7.188	-7.188	0	%100
87	MP6C	X	0	0	0	%100
88	MP6C	Z	-7.188	-7.188	0	%100
89	MP7C	X	0	0	0	%100
90	MP7C	Z	-7.188	-7.188	0	%100
91	OVP	X	0	0	0	%100
92	OVP	Z	-5.206	-5.206	0	%100
93	M126A	X	0	0	0	%100
94	M126A	Z	-.378	-.378	0	%100
95	M127A	X	0	0	0	%100
96	M127A	Z	-1.513	-1.513	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,%]

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,%]
1	M73	X	9.458	9.458	0	%100
2	M73	Z	-16.383	-16.383	0	%100
3	M76	X	1.554	1.554	0	%100
4	M76	Z	-2.691	-2.691	0	%100
5	M77	X	6.601	6.601	0	%100
6	M77	Z	-11.434	-11.434	0	%100
7	M78	X	11.35	11.35	0	%100
8	M78	Z	-19.659	-19.659	0	%100
9	M79	X	11.35	11.35	0	%100
10	M79	Z	-19.659	-19.659	0	%100
11	M84	X	.568	.568	0	%100
12	M84	Z	-.983	-.983	0	%100
13	M85	X	1.554	1.554	0	%100
14	M85	Z	-2.691	-2.691	0	%100
15	M86	X	6.601	6.601	0	%100
16	M86	Z	-11.434	-11.434	0	%100
17	M87	X	11.35	11.35	0	%100
18	M87	Z	-19.659	-19.659	0	%100
19	M88	X	11.35	11.35	0	%100
20	M88	Z	-19.659	-19.659	0	%100
21	M93	X	.568	.568	0	%100
22	M93	Z	-.983	-.983	0	%100
23	M94	X	6.215	6.215	0	%100
24	M94	Z	-10.765	-10.765	0	%100
25	M95	X	0	0	0	%100
26	M95	Z	0	0	0	%100
27	M96	X	0	0	0	%100
28	M96	Z	0	0	0	%100
29	M97	X	0	0	0	%100
30	M97	Z	0	0	0	%100
31	M102	X	0	0	0	%100
32	M102	Z	0	0	0	%100
33	M103	X	5.675	5.675	0	%100
34	M103	Z	-9.83	-9.83	0	%100
35	M107	X	.568	.568	0	%100
36	M107	Z	-.983	-.983	0	%100
37	M71	X	9.458	9.458	0	%100
38	M71	Z	-16.383	-16.383	0	%100
39	M72	X	0	0	0	%100
40	M72	Z	0	0	0	%100
41	M71A	X	5.675	5.675	0	%100
42	M71A	Z	-9.83	-9.83	0	%100
43	M72A	X	0	0	0	%100
44	M72A	Z	0	0	0	%100
45	MP1A	X	3.594	3.594	0	%100
46	MP1A	Z	-6.225	-6.225	0	%100
47	MP2A	X	3.594	3.594	0	%100
48	MP2A	Z	-6.225	-6.225	0	%100
49	MP3A	X	3.594	3.594	0	%100
50	MP3A	Z	-6.225	-6.225	0	%100
51	MP4A	X	3.594	3.594	0	%100
52	MP4A	Z	-6.225	-6.225	0	%100
53	MP5A	X	3.594	3.594	0	%100
54	MP5A	Z	-6.225	-6.225	0	%100
55	MP6A	X	3.594	3.594	0	%100
56	MP6A	Z	-6.225	-6.225	0	%100
57	MP7A	X	3.594	3.594	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,%]
58	MP7A	Z	-6.225	-6.225	0	%100
59	MP8A	X	3.594	3.594	0	%100
60	MP8A	Z	-6.225	-6.225	0	%100
61	MP1B	X	3.594	3.594	0	%100
62	MP1B	Z	-6.225	-6.225	0	%100
63	MP2B	X	3.594	3.594	0	%100
64	MP2B	Z	-6.225	-6.225	0	%100
65	MP3B	X	3.594	3.594	0	%100
66	MP3B	Z	-6.225	-6.225	0	%100
67	MP4B	X	3.594	3.594	0	%100
68	MP4B	Z	-6.225	-6.225	0	%100
69	MP5B	X	3.594	3.594	0	%100
70	MP5B	Z	-6.225	-6.225	0	%100
71	MP6B	X	3.594	3.594	0	%100
72	MP6B	Z	-6.225	-6.225	0	%100
73	MP7B	X	3.594	3.594	0	%100
74	MP7B	Z	-6.225	-6.225	0	%100
75	MP8B	X	3.594	3.594	0	%100
76	MP8B	Z	-6.225	-6.225	0	%100
77	MP1C	X	3.594	3.594	0	%100
78	MP1C	Z	-6.225	-6.225	0	%100
79	MP2C	X	3.594	3.594	0	%100
80	MP2C	Z	-6.225	-6.225	0	%100
81	MP3C	X	3.594	3.594	0	%100
82	MP3C	Z	-6.225	-6.225	0	%100
83	MP4C	X	3.594	3.594	0	%100
84	MP4C	Z	-6.225	-6.225	0	%100
85	MP5C	X	3.594	3.594	0	%100
86	MP5C	Z	-6.225	-6.225	0	%100
87	MP6C	X	3.594	3.594	0	%100
88	MP6C	Z	-6.225	-6.225	0	%100
89	MP7C	X	3.594	3.594	0	%100
90	MP7C	Z	-6.225	-6.225	0	%100
91	OVP	X	2.603	2.603	0	%100
92	OVP	Z	-4.508	-4.508	0	%100
93	M126A	X	0	0	0	%100
94	M126A	Z	0	0	0	%100
95	M127A	X	.568	.568	0	%100
96	M127A	Z	-.983	-.983	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	M73	X	5.461	5.461	0	%100
2	M73	Z	-3.153	-3.153	0	%100
3	M76	X	8.074	8.074	0	%100
4	M76	Z	-4.661	-4.661	0	%100
5	M77	X	3.811	3.811	0	%100
6	M77	Z	-2.2	-2.2	0	%100
7	M78	X	6.553	6.553	0	%100
8	M78	Z	-3.783	-3.783	0	%100
9	M79	X	6.553	6.553	0	%100
10	M79	Z	-3.783	-3.783	0	%100
11	M84	X	.328	.328	0	%100
12	M84	Z	-.189	-.189	0	%100
13	M85	X	0	0	0	%100
14	M85	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
15	M86	X	15.245	15.245	0	%100
16	M86	Z	-8.802	-8.802	0	%100
17	M87	X	26.212	26.212	0	%100
18	M87	Z	-15.134	-15.134	0	%100
19	M88	X	26.212	26.212	0	%100
20	M88	Z	-15.134	-15.134	0	%100
21	M93	X	1.311	1.311	0	%100
22	M93	Z	-.757	-.757	0	%100
23	M94	X	8.074	8.074	0	%100
24	M94	Z	-4.661	-4.661	0	%100
25	M95	X	3.811	3.811	0	%100
26	M95	Z	-2.2	-2.2	0	%100
27	M96	X	6.553	6.553	0	%100
28	M96	Z	-3.783	-3.783	0	%100
29	M97	X	6.553	6.553	0	%100
30	M97	Z	-3.783	-3.783	0	%100
31	M102	X	.328	.328	0	%100
32	M102	Z	-.189	-.189	0	%100
33	M103	X	3.277	3.277	0	%100
34	M103	Z	-1.892	-1.892	0	%100
35	M107	X	1.311	1.311	0	%100
36	M107	Z	-.757	-.757	0	%100
37	M71	X	21.843	21.843	0	%100
38	M71	Z	-12.611	-12.611	0	%100
39	M72	X	5.461	5.461	0	%100
40	M72	Z	-3.153	-3.153	0	%100
41	M71A	X	13.106	13.106	0	%100
42	M71A	Z	-7.567	-7.567	0	%100
43	M72A	X	3.277	3.277	0	%100
44	M72A	Z	-1.892	-1.892	0	%100
45	MP1A	X	6.225	6.225	0	%100
46	MP1A	Z	-3.594	-3.594	0	%100
47	MP2A	X	6.225	6.225	0	%100
48	MP2A	Z	-3.594	-3.594	0	%100
49	MP3A	X	6.225	6.225	0	%100
50	MP3A	Z	-3.594	-3.594	0	%100
51	MP4A	X	6.225	6.225	0	%100
52	MP4A	Z	-3.594	-3.594	0	%100
53	MP5A	X	6.225	6.225	0	%100
54	MP5A	Z	-3.594	-3.594	0	%100
55	MP6A	X	6.225	6.225	0	%100
56	MP6A	Z	-3.594	-3.594	0	%100
57	MP7A	X	6.225	6.225	0	%100
58	MP7A	Z	-3.594	-3.594	0	%100
59	MP8A	X	6.225	6.225	0	%100
60	MP8A	Z	-3.594	-3.594	0	%100
61	MP1B	X	6.225	6.225	0	%100
62	MP1B	Z	-3.594	-3.594	0	%100
63	MP2B	X	6.225	6.225	0	%100
64	MP2B	Z	-3.594	-3.594	0	%100
65	MP3B	X	6.225	6.225	0	%100
66	MP3B	Z	-3.594	-3.594	0	%100
67	MP4B	X	6.225	6.225	0	%100
68	MP4B	Z	-3.594	-3.594	0	%100
69	MP5B	X	6.225	6.225	0	%100
70	MP5B	Z	-3.594	-3.594	0	%100
71	MP6B	X	6.225	6.225	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,%]
72	MP6B	Z	-3.594	-3.594	0	%100
73	MP7B	X	6.225	6.225	0	%100
74	MP7B	Z	-3.594	-3.594	0	%100
75	MP8B	X	6.225	6.225	0	%100
76	MP8B	Z	-3.594	-3.594	0	%100
77	MP1C	X	6.225	6.225	0	%100
78	MP1C	Z	-3.594	-3.594	0	%100
79	MP2C	X	6.225	6.225	0	%100
80	MP2C	Z	-3.594	-3.594	0	%100
81	MP3C	X	6.225	6.225	0	%100
82	MP3C	Z	-3.594	-3.594	0	%100
83	MP4C	X	6.225	6.225	0	%100
84	MP4C	Z	-3.594	-3.594	0	%100
85	MP5C	X	6.225	6.225	0	%100
86	MP5C	Z	-3.594	-3.594	0	%100
87	MP6C	X	6.225	6.225	0	%100
88	MP6C	Z	-3.594	-3.594	0	%100
89	MP7C	X	6.225	6.225	0	%100
90	MP7C	Z	-3.594	-3.594	0	%100
91	OVP	X	4.508	4.508	0	%100
92	OVP	Z	-2.603	-2.603	0	%100
93	M126A	X	.328	.328	0	%100
94	M126A	Z	-.189	-.189	0	%100
95	M127A	X	.328	.328	0	%100
96	M127A	Z	-.189	-.189	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	M73	X	0	0	0	%100
2	M73	Z	0	0	0	%100
3	M76	X	12.431	12.431	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	0	0	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	0	0	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	0	0	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	0	0	0	%100
13	M85	X	3.108	3.108	0	%100
14	M85	Z	0	0	0	%100
15	M86	X	13.202	13.202	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	22.7	22.7	0	%100
18	M87	Z	0	0	0	%100
19	M88	X	22.7	22.7	0	%100
20	M88	Z	0	0	0	%100
21	M93	X	1.135	1.135	0	%100
22	M93	Z	0	0	0	%100
23	M94	X	3.108	3.108	0	%100
24	M94	Z	0	0	0	%100
25	M95	X	13.202	13.202	0	%100
26	M95	Z	0	0	0	%100
27	M96	X	22.7	22.7	0	%100
28	M96	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,%]
29	M97	X	22.7	22.7	0	%100
30	M97	Z	0	0	0	%100
31	M102	X	1.135	1.135	0	%100
32	M102	Z	0	0	0	%100
33	M103	X	0	0	0	%100
34	M103	Z	0	0	0	%100
35	M107	X	1.135	1.135	0	%100
36	M107	Z	0	0	0	%100
37	M71	X	18.917	18.917	0	%100
38	M71	Z	0	0	0	%100
39	M72	X	18.917	18.917	0	%100
40	M72	Z	0	0	0	%100
41	M71A	X	11.35	11.35	0	%100
42	M71A	Z	0	0	0	%100
43	M72A	X	11.35	11.35	0	%100
44	M72A	Z	0	0	0	%100
45	MP1A	X	7.188	7.188	0	%100
46	MP1A	Z	0	0	0	%100
47	MP2A	X	7.188	7.188	0	%100
48	MP2A	Z	0	0	0	%100
49	MP3A	X	7.188	7.188	0	%100
50	MP3A	Z	0	0	0	%100
51	MP4A	X	7.188	7.188	0	%100
52	MP4A	Z	0	0	0	%100
53	MP5A	X	7.188	7.188	0	%100
54	MP5A	Z	0	0	0	%100
55	MP6A	X	7.188	7.188	0	%100
56	MP6A	Z	0	0	0	%100
57	MP7A	X	7.188	7.188	0	%100
58	MP7A	Z	0	0	0	%100
59	MP8A	X	7.188	7.188	0	%100
60	MP8A	Z	0	0	0	%100
61	MP1B	X	7.188	7.188	0	%100
62	MP1B	Z	0	0	0	%100
63	MP2B	X	7.188	7.188	0	%100
64	MP2B	Z	0	0	0	%100
65	MP3B	X	7.188	7.188	0	%100
66	MP3B	Z	0	0	0	%100
67	MP4B	X	7.188	7.188	0	%100
68	MP4B	Z	0	0	0	%100
69	MP5B	X	7.188	7.188	0	%100
70	MP5B	Z	0	0	0	%100
71	MP6B	X	7.188	7.188	0	%100
72	MP6B	Z	0	0	0	%100
73	MP7B	X	7.188	7.188	0	%100
74	MP7B	Z	0	0	0	%100
75	MP8B	X	7.188	7.188	0	%100
76	MP8B	Z	0	0	0	%100
77	MP1C	X	7.188	7.188	0	%100
78	MP1C	Z	0	0	0	%100
79	MP2C	X	7.188	7.188	0	%100
80	MP2C	Z	0	0	0	%100
81	MP3C	X	7.188	7.188	0	%100
82	MP3C	Z	0	0	0	%100
83	MP4C	X	7.188	7.188	0	%100
84	MP4C	Z	0	0	0	%100
85	MP5C	X	7.188	7.188	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,%]
86	MP5C	Z	0	0	0	%100
87	MP6C	X	7.188	7.188	0	%100
88	MP6C	Z	0	0	0	%100
89	MP7C	X	7.188	7.188	0	%100
90	MP7C	Z	0	0	0	%100
91	OVP	X	5.206	5.206	0	%100
92	OVP	Z	0	0	0	%100
93	M126A	X	1.135	1.135	0	%100
94	M126A	Z	0	0	0	%100
95	M127A	X	0	0	0	%100
96	M127A	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	M73	X	5.461	5.461	0	%100
2	M73	Z	3.153	3.153	0	%100
3	M76	X	8.074	8.074	0	%100
4	M76	Z	4.661	4.661	0	%100
5	M77	X	3.811	3.811	0	%100
6	M77	Z	2.2	2.2	0	%100
7	M78	X	6.553	6.553	0	%100
8	M78	Z	3.783	3.783	0	%100
9	M79	X	6.553	6.553	0	%100
10	M79	Z	3.783	3.783	0	%100
11	M84	X	.328	.328	0	%100
12	M84	Z	.189	.189	0	%100
13	M85	X	8.074	8.074	0	%100
14	M85	Z	4.661	4.661	0	%100
15	M86	X	3.811	3.811	0	%100
16	M86	Z	2.2	2.2	0	%100
17	M87	X	6.553	6.553	0	%100
18	M87	Z	3.783	3.783	0	%100
19	M88	X	6.553	6.553	0	%100
20	M88	Z	3.783	3.783	0	%100
21	M93	X	.328	.328	0	%100
22	M93	Z	.189	.189	0	%100
23	M94	X	0	0	0	%100
24	M94	Z	0	0	0	%100
25	M95	X	15.245	15.245	0	%100
26	M95	Z	8.802	8.802	0	%100
27	M96	X	26.212	26.212	0	%100
28	M96	Z	15.134	15.134	0	%100
29	M97	X	26.212	26.212	0	%100
30	M97	Z	15.134	15.134	0	%100
31	M102	X	1.311	1.311	0	%100
32	M102	Z	.757	.757	0	%100
33	M103	X	3.277	3.277	0	%100
34	M103	Z	1.892	1.892	0	%100
35	M107	X	.328	.328	0	%100
36	M107	Z	.189	.189	0	%100
37	M71	X	5.461	5.461	0	%100
38	M71	Z	3.153	3.153	0	%100
39	M72	X	21.843	21.843	0	%100
40	M72	Z	12.611	12.611	0	%100
41	M71A	X	3.277	3.277	0	%100
42	M71A	Z	1.892	1.892	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,%]
43	M72A	X	13.106	13.106	0	%100
44	M72A	Z	7.567	7.567	0	%100
45	MP1A	X	6.225	6.225	0	%100
46	MP1A	Z	3.594	3.594	0	%100
47	MP2A	X	6.225	6.225	0	%100
48	MP2A	Z	3.594	3.594	0	%100
49	MP3A	X	6.225	6.225	0	%100
50	MP3A	Z	3.594	3.594	0	%100
51	MP4A	X	6.225	6.225	0	%100
52	MP4A	Z	3.594	3.594	0	%100
53	MP5A	X	6.225	6.225	0	%100
54	MP5A	Z	3.594	3.594	0	%100
55	MP6A	X	6.225	6.225	0	%100
56	MP6A	Z	3.594	3.594	0	%100
57	MP7A	X	6.225	6.225	0	%100
58	MP7A	Z	3.594	3.594	0	%100
59	MP8A	X	6.225	6.225	0	%100
60	MP8A	Z	3.594	3.594	0	%100
61	MP1B	X	6.225	6.225	0	%100
62	MP1B	Z	3.594	3.594	0	%100
63	MP2B	X	6.225	6.225	0	%100
64	MP2B	Z	3.594	3.594	0	%100
65	MP3B	X	6.225	6.225	0	%100
66	MP3B	Z	3.594	3.594	0	%100
67	MP4B	X	6.225	6.225	0	%100
68	MP4B	Z	3.594	3.594	0	%100
69	MP5B	X	6.225	6.225	0	%100
70	MP5B	Z	3.594	3.594	0	%100
71	MP6B	X	6.225	6.225	0	%100
72	MP6B	Z	3.594	3.594	0	%100
73	MP7B	X	6.225	6.225	0	%100
74	MP7B	Z	3.594	3.594	0	%100
75	MP8B	X	6.225	6.225	0	%100
76	MP8B	Z	3.594	3.594	0	%100
77	MP1C	X	6.225	6.225	0	%100
78	MP1C	Z	3.594	3.594	0	%100
79	MP2C	X	6.225	6.225	0	%100
80	MP2C	Z	3.594	3.594	0	%100
81	MP3C	X	6.225	6.225	0	%100
82	MP3C	Z	3.594	3.594	0	%100
83	MP4C	X	6.225	6.225	0	%100
84	MP4C	Z	3.594	3.594	0	%100
85	MP5C	X	6.225	6.225	0	%100
86	MP5C	Z	3.594	3.594	0	%100
87	MP6C	X	6.225	6.225	0	%100
88	MP6C	Z	3.594	3.594	0	%100
89	MP7C	X	6.225	6.225	0	%100
90	MP7C	Z	3.594	3.594	0	%100
91	OVP	X	4.508	4.508	0	%100
92	OVP	Z	2.603	2.603	0	%100
93	M126A	X	1.311	1.311	0	%100
94	M126A	Z	.757	.757	0	%100
95	M127A	X	.328	.328	0	%100
96	M127A	Z	.189	.189	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,%]

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,%]
1	M73	X	9.458	9.458	0	%100
2	M73	Z	16.383	16.383	0	%100
3	M76	X	1.554	1.554	0	%100
4	M76	Z	2.691	2.691	0	%100
5	M77	X	6.601	6.601	0	%100
6	M77	Z	11.434	11.434	0	%100
7	M78	X	11.35	11.35	0	%100
8	M78	Z	19.659	19.659	0	%100
9	M79	X	11.35	11.35	0	%100
10	M79	Z	19.659	19.659	0	%100
11	M84	X	.568	.568	0	%100
12	M84	Z	.983	.983	0	%100
13	M85	X	6.215	6.215	0	%100
14	M85	Z	10.765	10.765	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	0	0	0	%100
19	M88	X	0	0	0	%100
20	M88	Z	0	0	0	%100
21	M93	X	0	0	0	%100
22	M93	Z	0	0	0	%100
23	M94	X	1.554	1.554	0	%100
24	M94	Z	2.691	2.691	0	%100
25	M95	X	6.601	6.601	0	%100
26	M95	Z	11.434	11.434	0	%100
27	M96	X	11.35	11.35	0	%100
28	M96	Z	19.659	19.659	0	%100
29	M97	X	11.35	11.35	0	%100
30	M97	Z	19.659	19.659	0	%100
31	M102	X	.568	.568	0	%100
32	M102	Z	.983	.983	0	%100
33	M103	X	5.675	5.675	0	%100
34	M103	Z	9.83	9.83	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	0	0	0	%100
37	M71	X	0	0	0	%100
38	M71	Z	0	0	0	%100
39	M72	X	9.458	9.458	0	%100
40	M72	Z	16.383	16.383	0	%100
41	M71A	X	0	0	0	%100
42	M71A	Z	0	0	0	%100
43	M72A	X	5.675	5.675	0	%100
44	M72A	Z	9.83	9.83	0	%100
45	MP1A	X	3.594	3.594	0	%100
46	MP1A	Z	6.225	6.225	0	%100
47	MP2A	X	3.594	3.594	0	%100
48	MP2A	Z	6.225	6.225	0	%100
49	MP3A	X	3.594	3.594	0	%100
50	MP3A	Z	6.225	6.225	0	%100
51	MP4A	X	3.594	3.594	0	%100
52	MP4A	Z	6.225	6.225	0	%100
53	MP5A	X	3.594	3.594	0	%100
54	MP5A	Z	6.225	6.225	0	%100
55	MP6A	X	3.594	3.594	0	%100
56	MP6A	Z	6.225	6.225	0	%100
57	MP7A	X	3.594	3.594	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,%]
58	MP7A	Z	6.225	6.225	0	%100
59	MP8A	X	3.594	3.594	0	%100
60	MP8A	Z	6.225	6.225	0	%100
61	MP1B	X	3.594	3.594	0	%100
62	MP1B	Z	6.225	6.225	0	%100
63	MP2B	X	3.594	3.594	0	%100
64	MP2B	Z	6.225	6.225	0	%100
65	MP3B	X	3.594	3.594	0	%100
66	MP3B	Z	6.225	6.225	0	%100
67	MP4B	X	3.594	3.594	0	%100
68	MP4B	Z	6.225	6.225	0	%100
69	MP5B	X	3.594	3.594	0	%100
70	MP5B	Z	6.225	6.225	0	%100
71	MP6B	X	3.594	3.594	0	%100
72	MP6B	Z	6.225	6.225	0	%100
73	MP7B	X	3.594	3.594	0	%100
74	MP7B	Z	6.225	6.225	0	%100
75	MP8B	X	3.594	3.594	0	%100
76	MP8B	Z	6.225	6.225	0	%100
77	MP1C	X	3.594	3.594	0	%100
78	MP1C	Z	6.225	6.225	0	%100
79	MP2C	X	3.594	3.594	0	%100
80	MP2C	Z	6.225	6.225	0	%100
81	MP3C	X	3.594	3.594	0	%100
82	MP3C	Z	6.225	6.225	0	%100
83	MP4C	X	3.594	3.594	0	%100
84	MP4C	Z	6.225	6.225	0	%100
85	MP5C	X	3.594	3.594	0	%100
86	MP5C	Z	6.225	6.225	0	%100
87	MP6C	X	3.594	3.594	0	%100
88	MP6C	Z	6.225	6.225	0	%100
89	MP7C	X	3.594	3.594	0	%100
90	MP7C	Z	6.225	6.225	0	%100
91	OVP	X	2.603	2.603	0	%100
92	OVP	Z	4.508	4.508	0	%100
93	M126A	X	.568	.568	0	%100
94	M126A	Z	.983	.983	0	%100
95	M127A	X	.568	.568	0	%100
96	M127A	Z	.983	.983	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	M73	X	0	0	0	%100
2	M73	Z	25.223	25.223	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	17.603	17.603	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	30.267	30.267	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	30.267	30.267	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	1.513	1.513	0	%100
13	M85	X	0	0	0	%100
14	M85	Z	9.323	9.323	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,%]
15	M86	X	0	0	0	%100
16	M86	Z	4.401	4.401	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	7.567	7.567	0	%100
19	M88	X	0	0	0	%100
20	M88	Z	7.567	7.567	0	%100
21	M93	X	0	0	0	%100
22	M93	Z	.378	.378	0	%100
23	M94	X	0	0	0	%100
24	M94	Z	9.323	9.323	0	%100
25	M95	X	0	0	0	%100
26	M95	Z	4.401	4.401	0	%100
27	M96	X	0	0	0	%100
28	M96	Z	7.567	7.567	0	%100
29	M97	X	0	0	0	%100
30	M97	Z	7.567	7.567	0	%100
31	M102	X	0	0	0	%100
32	M102	Z	.378	.378	0	%100
33	M103	X	0	0	0	%100
34	M103	Z	15.134	15.134	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	.378	.378	0	%100
37	M71	X	0	0	0	%100
38	M71	Z	6.306	6.306	0	%100
39	M72	X	0	0	0	%100
40	M72	Z	6.306	6.306	0	%100
41	M71A	X	0	0	0	%100
42	M71A	Z	3.783	3.783	0	%100
43	M72A	X	0	0	0	%100
44	M72A	Z	3.783	3.783	0	%100
45	MP1A	X	0	0	0	%100
46	MP1A	Z	7.188	7.188	0	%100
47	MP2A	X	0	0	0	%100
48	MP2A	Z	7.188	7.188	0	%100
49	MP3A	X	0	0	0	%100
50	MP3A	Z	7.188	7.188	0	%100
51	MP4A	X	0	0	0	%100
52	MP4A	Z	7.188	7.188	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	7.188	7.188	0	%100
55	MP6A	X	0	0	0	%100
56	MP6A	Z	7.188	7.188	0	%100
57	MP7A	X	0	0	0	%100
58	MP7A	Z	7.188	7.188	0	%100
59	MP8A	X	0	0	0	%100
60	MP8A	Z	7.188	7.188	0	%100
61	MP1B	X	0	0	0	%100
62	MP1B	Z	7.188	7.188	0	%100
63	MP2B	X	0	0	0	%100
64	MP2B	Z	7.188	7.188	0	%100
65	MP3B	X	0	0	0	%100
66	MP3B	Z	7.188	7.188	0	%100
67	MP4B	X	0	0	0	%100
68	MP4B	Z	7.188	7.188	0	%100
69	MP5B	X	0	0	0	%100
70	MP5B	Z	7.188	7.188	0	%100
71	MP6B	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,%]
72	MP6B	Z	7.188	7.188	0	%100
73	MP7B	X	0	0	0	%100
74	MP7B	Z	7.188	7.188	0	%100
75	MP8B	X	0	0	0	%100
76	MP8B	Z	7.188	7.188	0	%100
77	MP1C	X	0	0	0	%100
78	MP1C	Z	7.188	7.188	0	%100
79	MP2C	X	0	0	0	%100
80	MP2C	Z	7.188	7.188	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	7.188	7.188	0	%100
83	MP4C	X	0	0	0	%100
84	MP4C	Z	7.188	7.188	0	%100
85	MP5C	X	0	0	0	%100
86	MP5C	Z	7.188	7.188	0	%100
87	MP6C	X	0	0	0	%100
88	MP6C	Z	7.188	7.188	0	%100
89	MP7C	X	0	0	0	%100
90	MP7C	Z	7.188	7.188	0	%100
91	OVP	X	0	0	0	%100
92	OVP	Z	5.206	5.206	0	%100
93	M126A	X	0	0	0	%100
94	M126A	Z	.378	.378	0	%100
95	M127A	X	0	0	0	%100
96	M127A	Z	1.513	1.513	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	M73	X	-9.458	-9.458	0	%100
2	M73	Z	16.383	16.383	0	%100
3	M76	X	-1.554	-1.554	0	%100
4	M76	Z	2.691	2.691	0	%100
5	M77	X	-6.601	-6.601	0	%100
6	M77	Z	11.434	11.434	0	%100
7	M78	X	-11.35	-11.35	0	%100
8	M78	Z	19.659	19.659	0	%100
9	M79	X	-11.35	-11.35	0	%100
10	M79	Z	19.659	19.659	0	%100
11	M84	X	-.568	-.568	0	%100
12	M84	Z	.983	.983	0	%100
13	M85	X	-1.554	-1.554	0	%100
14	M85	Z	2.691	2.691	0	%100
15	M86	X	-6.601	-6.601	0	%100
16	M86	Z	11.434	11.434	0	%100
17	M87	X	-11.35	-11.35	0	%100
18	M87	Z	19.659	19.659	0	%100
19	M88	X	-11.35	-11.35	0	%100
20	M88	Z	19.659	19.659	0	%100
21	M93	X	-.568	-.568	0	%100
22	M93	Z	.983	.983	0	%100
23	M94	X	-6.215	-6.215	0	%100
24	M94	Z	10.765	10.765	0	%100
25	M95	X	0	0	0	%100
26	M95	Z	0	0	0	%100
27	M96	X	0	0	0	%100
28	M96	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M97	X	0	0	0	%100
30	M97	Z	0	0	0	%100
31	M102	X	0	0	0	%100
32	M102	Z	0	0	0	%100
33	M103	X	-5.675	-5.675	0	%100
34	M103	Z	9.83	9.83	0	%100
35	M107	X	-.568	-.568	0	%100
36	M107	Z	.983	.983	0	%100
37	M71	X	-9.458	-9.458	0	%100
38	M71	Z	16.383	16.383	0	%100
39	M72	X	0	0	0	%100
40	M72	Z	0	0	0	%100
41	M71A	X	-5.675	-5.675	0	%100
42	M71A	Z	9.83	9.83	0	%100
43	M72A	X	0	0	0	%100
44	M72A	Z	0	0	0	%100
45	MP1A	X	-3.594	-3.594	0	%100
46	MP1A	Z	6.225	6.225	0	%100
47	MP2A	X	-3.594	-3.594	0	%100
48	MP2A	Z	6.225	6.225	0	%100
49	MP3A	X	-3.594	-3.594	0	%100
50	MP3A	Z	6.225	6.225	0	%100
51	MP4A	X	-3.594	-3.594	0	%100
52	MP4A	Z	6.225	6.225	0	%100
53	MP5A	X	-3.594	-3.594	0	%100
54	MP5A	Z	6.225	6.225	0	%100
55	MP6A	X	-3.594	-3.594	0	%100
56	MP6A	Z	6.225	6.225	0	%100
57	MP7A	X	-3.594	-3.594	0	%100
58	MP7A	Z	6.225	6.225	0	%100
59	MP8A	X	-3.594	-3.594	0	%100
60	MP8A	Z	6.225	6.225	0	%100
61	MP1B	X	-3.594	-3.594	0	%100
62	MP1B	Z	6.225	6.225	0	%100
63	MP2B	X	-3.594	-3.594	0	%100
64	MP2B	Z	6.225	6.225	0	%100
65	MP3B	X	-3.594	-3.594	0	%100
66	MP3B	Z	6.225	6.225	0	%100
67	MP4B	X	-3.594	-3.594	0	%100
68	MP4B	Z	6.225	6.225	0	%100
69	MP5B	X	-3.594	-3.594	0	%100
70	MP5B	Z	6.225	6.225	0	%100
71	MP6B	X	-3.594	-3.594	0	%100
72	MP6B	Z	6.225	6.225	0	%100
73	MP7B	X	-3.594	-3.594	0	%100
74	MP7B	Z	6.225	6.225	0	%100
75	MP8B	X	-3.594	-3.594	0	%100
76	MP8B	Z	6.225	6.225	0	%100
77	MP1C	X	-3.594	-3.594	0	%100
78	MP1C	Z	6.225	6.225	0	%100
79	MP2C	X	-3.594	-3.594	0	%100
80	MP2C	Z	6.225	6.225	0	%100
81	MP3C	X	-3.594	-3.594	0	%100
82	MP3C	Z	6.225	6.225	0	%100
83	MP4C	X	-3.594	-3.594	0	%100
84	MP4C	Z	6.225	6.225	0	%100
85	MP5C	X	-3.594	-3.594	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,%]
86	MP5C	Z	6.225	6.225	0	%100
87	MP6C	X	-3.594	-3.594	0	%100
88	MP6C	Z	6.225	6.225	0	%100
89	MP7C	X	-3.594	-3.594	0	%100
90	MP7C	Z	6.225	6.225	0	%100
91	OVP	X	-2.603	-2.603	0	%100
92	OVP	Z	4.508	4.508	0	%100
93	M126A	X	0	0	0	%100
94	M126A	Z	0	0	0	%100
95	M127A	X	-.568	-.568	0	%100
96	M127A	Z	.983	.983	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	M73	X	-5.461	-5.461	0	%100
2	M73	Z	3.153	3.153	0	%100
3	M76	X	-8.074	-8.074	0	%100
4	M76	Z	4.661	4.661	0	%100
5	M77	X	-3.811	-3.811	0	%100
6	M77	Z	2.2	2.2	0	%100
7	M78	X	-6.553	-6.553	0	%100
8	M78	Z	3.783	3.783	0	%100
9	M79	X	-6.553	-6.553	0	%100
10	M79	Z	3.783	3.783	0	%100
11	M84	X	-.328	-.328	0	%100
12	M84	Z	.189	.189	0	%100
13	M85	X	0	0	0	%100
14	M85	Z	0	0	0	%100
15	M86	X	-15.245	-15.245	0	%100
16	M86	Z	8.802	8.802	0	%100
17	M87	X	-26.212	-26.212	0	%100
18	M87	Z	15.134	15.134	0	%100
19	M88	X	-26.212	-26.212	0	%100
20	M88	Z	15.134	15.134	0	%100
21	M93	X	-1.311	-1.311	0	%100
22	M93	Z	.757	.757	0	%100
23	M94	X	-8.074	-8.074	0	%100
24	M94	Z	4.661	4.661	0	%100
25	M95	X	-3.811	-3.811	0	%100
26	M95	Z	2.2	2.2	0	%100
27	M96	X	-6.553	-6.553	0	%100
28	M96	Z	3.783	3.783	0	%100
29	M97	X	-6.553	-6.553	0	%100
30	M97	Z	3.783	3.783	0	%100
31	M102	X	-.328	-.328	0	%100
32	M102	Z	.189	.189	0	%100
33	M103	X	-3.277	-3.277	0	%100
34	M103	Z	1.892	1.892	0	%100
35	M107	X	-1.311	-1.311	0	%100
36	M107	Z	.757	.757	0	%100
37	M71	X	-21.843	-21.843	0	%100
38	M71	Z	12.611	12.611	0	%100
39	M72	X	-5.461	-5.461	0	%100
40	M72	Z	3.153	3.153	0	%100
41	M71A	X	-13.106	-13.106	0	%100
42	M71A	Z	7.567	7.567	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,%]
43	M72A	X	-3.277	-3.277	0	%100
44	M72A	Z	1.892	1.892	0	%100
45	MP1A	X	-6.225	-6.225	0	%100
46	MP1A	Z	3.594	3.594	0	%100
47	MP2A	X	-6.225	-6.225	0	%100
48	MP2A	Z	3.594	3.594	0	%100
49	MP3A	X	-6.225	-6.225	0	%100
50	MP3A	Z	3.594	3.594	0	%100
51	MP4A	X	-6.225	-6.225	0	%100
52	MP4A	Z	3.594	3.594	0	%100
53	MP5A	X	-6.225	-6.225	0	%100
54	MP5A	Z	3.594	3.594	0	%100
55	MP6A	X	-6.225	-6.225	0	%100
56	MP6A	Z	3.594	3.594	0	%100
57	MP7A	X	-6.225	-6.225	0	%100
58	MP7A	Z	3.594	3.594	0	%100
59	MP8A	X	-6.225	-6.225	0	%100
60	MP8A	Z	3.594	3.594	0	%100
61	MP1B	X	-6.225	-6.225	0	%100
62	MP1B	Z	3.594	3.594	0	%100
63	MP2B	X	-6.225	-6.225	0	%100
64	MP2B	Z	3.594	3.594	0	%100
65	MP3B	X	-6.225	-6.225	0	%100
66	MP3B	Z	3.594	3.594	0	%100
67	MP4B	X	-6.225	-6.225	0	%100
68	MP4B	Z	3.594	3.594	0	%100
69	MP5B	X	-6.225	-6.225	0	%100
70	MP5B	Z	3.594	3.594	0	%100
71	MP6B	X	-6.225	-6.225	0	%100
72	MP6B	Z	3.594	3.594	0	%100
73	MP7B	X	-6.225	-6.225	0	%100
74	MP7B	Z	3.594	3.594	0	%100
75	MP8B	X	-6.225	-6.225	0	%100
76	MP8B	Z	3.594	3.594	0	%100
77	MP1C	X	-6.225	-6.225	0	%100
78	MP1C	Z	3.594	3.594	0	%100
79	MP2C	X	-6.225	-6.225	0	%100
80	MP2C	Z	3.594	3.594	0	%100
81	MP3C	X	-6.225	-6.225	0	%100
82	MP3C	Z	3.594	3.594	0	%100
83	MP4C	X	-6.225	-6.225	0	%100
84	MP4C	Z	3.594	3.594	0	%100
85	MP5C	X	-6.225	-6.225	0	%100
86	MP5C	Z	3.594	3.594	0	%100
87	MP6C	X	-6.225	-6.225	0	%100
88	MP6C	Z	3.594	3.594	0	%100
89	MP7C	X	-6.225	-6.225	0	%100
90	MP7C	Z	3.594	3.594	0	%100
91	OVP	X	-4.508	-4.508	0	%100
92	OVP	Z	2.603	2.603	0	%100
93	M126A	X	-.328	-.328	0	%100
94	M126A	Z	.189	.189	0	%100
95	M127A	X	-.328	-.328	0	%100
96	M127A	Z	.189	.189	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,%]

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,%]
1	M73	X	0	0	0	%100
2	M73	Z	0	0	0	%100
3	M76	X	-12.431	-12.431	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	0	0	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	0	0	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	0	0	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	0	0	0	%100
13	M85	X	-3.108	-3.108	0	%100
14	M85	Z	0	0	0	%100
15	M86	X	-13.202	-13.202	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	-22.7	-22.7	0	%100
18	M87	Z	0	0	0	%100
19	M88	X	-22.7	-22.7	0	%100
20	M88	Z	0	0	0	%100
21	M93	X	-1.135	-1.135	0	%100
22	M93	Z	0	0	0	%100
23	M94	X	-3.108	-3.108	0	%100
24	M94	Z	0	0	0	%100
25	M95	X	-13.202	-13.202	0	%100
26	M95	Z	0	0	0	%100
27	M96	X	-22.7	-22.7	0	%100
28	M96	Z	0	0	0	%100
29	M97	X	-22.7	-22.7	0	%100
30	M97	Z	0	0	0	%100
31	M102	X	-1.135	-1.135	0	%100
32	M102	Z	0	0	0	%100
33	M103	X	0	0	0	%100
34	M103	Z	0	0	0	%100
35	M107	X	-1.135	-1.135	0	%100
36	M107	Z	0	0	0	%100
37	M71	X	-18.917	-18.917	0	%100
38	M71	Z	0	0	0	%100
39	M72	X	-18.917	-18.917	0	%100
40	M72	Z	0	0	0	%100
41	M71A	X	-11.35	-11.35	0	%100
42	M71A	Z	0	0	0	%100
43	M72A	X	-11.35	-11.35	0	%100
44	M72A	Z	0	0	0	%100
45	MP1A	X	-7.188	-7.188	0	%100
46	MP1A	Z	0	0	0	%100
47	MP2A	X	-7.188	-7.188	0	%100
48	MP2A	Z	0	0	0	%100
49	MP3A	X	-7.188	-7.188	0	%100
50	MP3A	Z	0	0	0	%100
51	MP4A	X	-7.188	-7.188	0	%100
52	MP4A	Z	0	0	0	%100
53	MP5A	X	-7.188	-7.188	0	%100
54	MP5A	Z	0	0	0	%100
55	MP6A	X	-7.188	-7.188	0	%100
56	MP6A	Z	0	0	0	%100
57	MP7A	X	-7.188	-7.188	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP7A	Z	0	0	0	%100
59	MP8A	X	-7.188	-7.188	0	%100
60	MP8A	Z	0	0	0	%100
61	MP1B	X	-7.188	-7.188	0	%100
62	MP1B	Z	0	0	0	%100
63	MP2B	X	-7.188	-7.188	0	%100
64	MP2B	Z	0	0	0	%100
65	MP3B	X	-7.188	-7.188	0	%100
66	MP3B	Z	0	0	0	%100
67	MP4B	X	-7.188	-7.188	0	%100
68	MP4B	Z	0	0	0	%100
69	MP5B	X	-7.188	-7.188	0	%100
70	MP5B	Z	0	0	0	%100
71	MP6B	X	-7.188	-7.188	0	%100
72	MP6B	Z	0	0	0	%100
73	MP7B	X	-7.188	-7.188	0	%100
74	MP7B	Z	0	0	0	%100
75	MP8B	X	-7.188	-7.188	0	%100
76	MP8B	Z	0	0	0	%100
77	MP1C	X	-7.188	-7.188	0	%100
78	MP1C	Z	0	0	0	%100
79	MP2C	X	-7.188	-7.188	0	%100
80	MP2C	Z	0	0	0	%100
81	MP3C	X	-7.188	-7.188	0	%100
82	MP3C	Z	0	0	0	%100
83	MP4C	X	-7.188	-7.188	0	%100
84	MP4C	Z	0	0	0	%100
85	MP5C	X	-7.188	-7.188	0	%100
86	MP5C	Z	0	0	0	%100
87	MP6C	X	-7.188	-7.188	0	%100
88	MP6C	Z	0	0	0	%100
89	MP7C	X	-7.188	-7.188	0	%100
90	MP7C	Z	0	0	0	%100
91	OVP	X	-5.206	-5.206	0	%100
92	OVP	Z	0	0	0	%100
93	M126A	X	-1.135	-1.135	0	%100
94	M126A	Z	0	0	0	%100
95	M127A	X	0	0	0	%100
96	M127A	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	M73	X	-5.461	-5.461	0	%100
2	M73	Z	-3.153	-3.153	0	%100
3	M76	X	-8.074	-8.074	0	%100
4	M76	Z	-4.661	-4.661	0	%100
5	M77	X	-3.811	-3.811	0	%100
6	M77	Z	-2.2	-2.2	0	%100
7	M78	X	-6.553	-6.553	0	%100
8	M78	Z	-3.783	-3.783	0	%100
9	M79	X	-6.553	-6.553	0	%100
10	M79	Z	-3.783	-3.783	0	%100
11	M84	X	-.328	-.328	0	%100
12	M84	Z	-.189	-.189	0	%100
13	M85	X	-8.074	-8.074	0	%100
14	M85	Z	-4.661	-4.661	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,%]
15	M86	X	-3.811	-3.811	0	%100
16	M86	Z	-2.2	-2.2	0	%100
17	M87	X	-6.553	-6.553	0	%100
18	M87	Z	-3.783	-3.783	0	%100
19	M88	X	-6.553	-6.553	0	%100
20	M88	Z	-3.783	-3.783	0	%100
21	M93	X	-.328	-.328	0	%100
22	M93	Z	-.189	-.189	0	%100
23	M94	X	0	0	0	%100
24	M94	Z	0	0	0	%100
25	M95	X	-15.245	-15.245	0	%100
26	M95	Z	-8.802	-8.802	0	%100
27	M96	X	-26.212	-26.212	0	%100
28	M96	Z	-15.134	-15.134	0	%100
29	M97	X	-26.212	-26.212	0	%100
30	M97	Z	-15.134	-15.134	0	%100
31	M102	X	-1.311	-1.311	0	%100
32	M102	Z	-.757	-.757	0	%100
33	M103	X	-3.277	-3.277	0	%100
34	M103	Z	-1.892	-1.892	0	%100
35	M107	X	-.328	-.328	0	%100
36	M107	Z	-.189	-.189	0	%100
37	M71	X	-5.461	-5.461	0	%100
38	M71	Z	-3.153	-3.153	0	%100
39	M72	X	-21.843	-21.843	0	%100
40	M72	Z	-12.611	-12.611	0	%100
41	M71A	X	-3.277	-3.277	0	%100
42	M71A	Z	-1.892	-1.892	0	%100
43	M72A	X	-13.106	-13.106	0	%100
44	M72A	Z	-7.567	-7.567	0	%100
45	MP1A	X	-6.225	-6.225	0	%100
46	MP1A	Z	-3.594	-3.594	0	%100
47	MP2A	X	-6.225	-6.225	0	%100
48	MP2A	Z	-3.594	-3.594	0	%100
49	MP3A	X	-6.225	-6.225	0	%100
50	MP3A	Z	-3.594	-3.594	0	%100
51	MP4A	X	-6.225	-6.225	0	%100
52	MP4A	Z	-3.594	-3.594	0	%100
53	MP5A	X	-6.225	-6.225	0	%100
54	MP5A	Z	-3.594	-3.594	0	%100
55	MP6A	X	-6.225	-6.225	0	%100
56	MP6A	Z	-3.594	-3.594	0	%100
57	MP7A	X	-6.225	-6.225	0	%100
58	MP7A	Z	-3.594	-3.594	0	%100
59	MP8A	X	-6.225	-6.225	0	%100
60	MP8A	Z	-3.594	-3.594	0	%100
61	MP1B	X	-6.225	-6.225	0	%100
62	MP1B	Z	-3.594	-3.594	0	%100
63	MP2B	X	-6.225	-6.225	0	%100
64	MP2B	Z	-3.594	-3.594	0	%100
65	MP3B	X	-6.225	-6.225	0	%100
66	MP3B	Z	-3.594	-3.594	0	%100
67	MP4B	X	-6.225	-6.225	0	%100
68	MP4B	Z	-3.594	-3.594	0	%100
69	MP5B	X	-6.225	-6.225	0	%100
70	MP5B	Z	-3.594	-3.594	0	%100
71	MP6B	X	-6.225	-6.225	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,%]
72	MP6B	Z	-3.594	-3.594	0	%100
73	MP7B	X	-6.225	-6.225	0	%100
74	MP7B	Z	-3.594	-3.594	0	%100
75	MP8B	X	-6.225	-6.225	0	%100
76	MP8B	Z	-3.594	-3.594	0	%100
77	MP1C	X	-6.225	-6.225	0	%100
78	MP1C	Z	-3.594	-3.594	0	%100
79	MP2C	X	-6.225	-6.225	0	%100
80	MP2C	Z	-3.594	-3.594	0	%100
81	MP3C	X	-6.225	-6.225	0	%100
82	MP3C	Z	-3.594	-3.594	0	%100
83	MP4C	X	-6.225	-6.225	0	%100
84	MP4C	Z	-3.594	-3.594	0	%100
85	MP5C	X	-6.225	-6.225	0	%100
86	MP5C	Z	-3.594	-3.594	0	%100
87	MP6C	X	-6.225	-6.225	0	%100
88	MP6C	Z	-3.594	-3.594	0	%100
89	MP7C	X	-6.225	-6.225	0	%100
90	MP7C	Z	-3.594	-3.594	0	%100
91	OVP	X	-4.508	-4.508	0	%100
92	OVP	Z	-2.603	-2.603	0	%100
93	M126A	X	-1.311	-1.311	0	%100
94	M126A	Z	-.757	-.757	0	%100
95	M127A	X	-.328	-.328	0	%100
96	M127A	Z	-.189	-.189	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	M73	X	-9.458	-9.458	0	%100
2	M73	Z	-16.383	-16.383	0	%100
3	M76	X	-1.554	-1.554	0	%100
4	M76	Z	-2.691	-2.691	0	%100
5	M77	X	-6.601	-6.601	0	%100
6	M77	Z	-11.434	-11.434	0	%100
7	M78	X	-11.35	-11.35	0	%100
8	M78	Z	-19.659	-19.659	0	%100
9	M79	X	-11.35	-11.35	0	%100
10	M79	Z	-19.659	-19.659	0	%100
11	M84	X	-.568	-.568	0	%100
12	M84	Z	-.983	-.983	0	%100
13	M85	X	-6.215	-6.215	0	%100
14	M85	Z	-10.765	-10.765	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	0	0	0	%100
19	M88	X	0	0	0	%100
20	M88	Z	0	0	0	%100
21	M93	X	0	0	0	%100
22	M93	Z	0	0	0	%100
23	M94	X	-1.554	-1.554	0	%100
24	M94	Z	-2.691	-2.691	0	%100
25	M95	X	-6.601	-6.601	0	%100
26	M95	Z	-11.434	-11.434	0	%100
27	M96	X	-11.35	-11.35	0	%100
28	M96	Z	-19.659	-19.659	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,%]
29	M97	X	-11.35	-11.35	0	%100
30	M97	Z	-19.659	-19.659	0	%100
31	M102	X	-.568	-.568	0	%100
32	M102	Z	-.983	-.983	0	%100
33	M103	X	-5.675	-5.675	0	%100
34	M103	Z	-9.83	-9.83	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	0	0	0	%100
37	M71	X	0	0	0	%100
38	M71	Z	0	0	0	%100
39	M72	X	-9.458	-9.458	0	%100
40	M72	Z	-16.383	-16.383	0	%100
41	M71A	X	0	0	0	%100
42	M71A	Z	0	0	0	%100
43	M72A	X	-5.675	-5.675	0	%100
44	M72A	Z	-9.83	-9.83	0	%100
45	MP1A	X	-3.594	-3.594	0	%100
46	MP1A	Z	-6.225	-6.225	0	%100
47	MP2A	X	-3.594	-3.594	0	%100
48	MP2A	Z	-6.225	-6.225	0	%100
49	MP3A	X	-3.594	-3.594	0	%100
50	MP3A	Z	-6.225	-6.225	0	%100
51	MP4A	X	-3.594	-3.594	0	%100
52	MP4A	Z	-6.225	-6.225	0	%100
53	MP5A	X	-3.594	-3.594	0	%100
54	MP5A	Z	-6.225	-6.225	0	%100
55	MP6A	X	-3.594	-3.594	0	%100
56	MP6A	Z	-6.225	-6.225	0	%100
57	MP7A	X	-3.594	-3.594	0	%100
58	MP7A	Z	-6.225	-6.225	0	%100
59	MP8A	X	-3.594	-3.594	0	%100
60	MP8A	Z	-6.225	-6.225	0	%100
61	MP1B	X	-3.594	-3.594	0	%100
62	MP1B	Z	-6.225	-6.225	0	%100
63	MP2B	X	-3.594	-3.594	0	%100
64	MP2B	Z	-6.225	-6.225	0	%100
65	MP3B	X	-3.594	-3.594	0	%100
66	MP3B	Z	-6.225	-6.225	0	%100
67	MP4B	X	-3.594	-3.594	0	%100
68	MP4B	Z	-6.225	-6.225	0	%100
69	MP5B	X	-3.594	-3.594	0	%100
70	MP5B	Z	-6.225	-6.225	0	%100
71	MP6B	X	-3.594	-3.594	0	%100
72	MP6B	Z	-6.225	-6.225	0	%100
73	MP7B	X	-3.594	-3.594	0	%100
74	MP7B	Z	-6.225	-6.225	0	%100
75	MP8B	X	-3.594	-3.594	0	%100
76	MP8B	Z	-6.225	-6.225	0	%100
77	MP1C	X	-3.594	-3.594	0	%100
78	MP1C	Z	-6.225	-6.225	0	%100
79	MP2C	X	-3.594	-3.594	0	%100
80	MP2C	Z	-6.225	-6.225	0	%100
81	MP3C	X	-3.594	-3.594	0	%100
82	MP3C	Z	-6.225	-6.225	0	%100
83	MP4C	X	-3.594	-3.594	0	%100
84	MP4C	Z	-6.225	-6.225	0	%100
85	MP5C	X	-3.594	-3.594	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,%]
86	MP5C	Z	-6.225	-6.225	0	%100
87	MP6C	X	-3.594	-3.594	0	%100
88	MP6C	Z	-6.225	-6.225	0	%100
89	MP7C	X	-3.594	-3.594	0	%100
90	MP7C	Z	-6.225	-6.225	0	%100
91	OVP	X	-2.603	-2.603	0	%100
92	OVP	Z	-4.508	-4.508	0	%100
93	M126A	X	-.568	-.568	0	%100
94	M126A	Z	-.983	-.983	0	%100
95	M127A	X	-.568	-.568	0	%100
96	M127A	Z	-.983	-.983	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	M73	X	0	0	0	%100
2	M73	Z	-5.549	-5.549	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	-4.226	-4.226	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	-5.937	-5.937	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	-5.937	-5.937	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	-1.037	-1.037	0	%100
13	M85	X	0	0	0	%100
14	M85	Z	-2.496	-2.496	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	-1.057	-1.057	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	-1.484	-1.484	0	%100
19	M88	X	0	0	0	%100
20	M88	Z	-1.484	-1.484	0	%100
21	M93	X	0	0	0	%100
22	M93	Z	-.259	-.259	0	%100
23	M94	X	0	0	0	%100
24	M94	Z	-2.496	-2.496	0	%100
25	M95	X	0	0	0	%100
26	M95	Z	-1.057	-1.057	0	%100
27	M96	X	0	0	0	%100
28	M96	Z	-1.484	-1.484	0	%100
29	M97	X	0	0	0	%100
30	M97	Z	-1.484	-1.484	0	%100
31	M102	X	0	0	0	%100
32	M102	Z	-.259	-.259	0	%100
33	M103	X	0	0	0	%100
34	M103	Z	-3.797	-3.797	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	-.246	-.246	0	%100
37	M71	X	0	0	0	%100
38	M71	Z	-1.387	-1.387	0	%100
39	M72	X	0	0	0	%100
40	M72	Z	-1.387	-1.387	0	%100
41	M71A	X	0	0	0	%100
42	M71A	Z	-.949	-.949	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,%]
43	M72A	X	0	0	0	%100
44	M72A	Z	-.949	-.949	0	%100
45	MP1A	X	0	0	0	%100
46	MP1A	Z	-2.418	-2.418	0	%100
47	MP2A	X	0	0	0	%100
48	MP2A	Z	-2.418	-2.418	0	%100
49	MP3A	X	0	0	0	%100
50	MP3A	Z	-2.418	-2.418	0	%100
51	MP4A	X	0	0	0	%100
52	MP4A	Z	-2.418	-2.418	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	-2.418	-2.418	0	%100
55	MP6A	X	0	0	0	%100
56	MP6A	Z	-2.418	-2.418	0	%100
57	MP7A	X	0	0	0	%100
58	MP7A	Z	-2.418	-2.418	0	%100
59	MP8A	X	0	0	0	%100
60	MP8A	Z	-2.418	-2.418	0	%100
61	MP1B	X	0	0	0	%100
62	MP1B	Z	-2.418	-2.418	0	%100
63	MP2B	X	0	0	0	%100
64	MP2B	Z	-2.418	-2.418	0	%100
65	MP3B	X	0	0	0	%100
66	MP3B	Z	-2.418	-2.418	0	%100
67	MP4B	X	0	0	0	%100
68	MP4B	Z	-2.418	-2.418	0	%100
69	MP5B	X	0	0	0	%100
70	MP5B	Z	-2.418	-2.418	0	%100
71	MP6B	X	0	0	0	%100
72	MP6B	Z	-2.418	-2.418	0	%100
73	MP7B	X	0	0	0	%100
74	MP7B	Z	-2.418	-2.418	0	%100
75	MP8B	X	0	0	0	%100
76	MP8B	Z	-2.418	-2.418	0	%100
77	MP1C	X	0	0	0	%100
78	MP1C	Z	-2.418	-2.418	0	%100
79	MP2C	X	0	0	0	%100
80	MP2C	Z	-2.418	-2.418	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	-2.418	-2.418	0	%100
83	MP4C	X	0	0	0	%100
84	MP4C	Z	-2.418	-2.418	0	%100
85	MP5C	X	0	0	0	%100
86	MP5C	Z	-2.418	-2.418	0	%100
87	MP6C	X	0	0	0	%100
88	MP6C	Z	-2.418	-2.418	0	%100
89	MP7C	X	0	0	0	%100
90	MP7C	Z	-2.418	-2.418	0	%100
91	OVP	X	0	0	0	%100
92	OVP	Z	-1.766	-1.766	0	%100
93	M126A	X	0	0	0	%100
94	M126A	Z	-.246	-.246	0	%100
95	M127A	X	0	0	0	%100
96	M127A	Z	-.984	-.984	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	M73	X	2.081	2.081	0	%100
2	M73	Z	-3.604	-3.604	0	%100
3	M76	X	.416	.416	0	%100
4	M76	Z	-.721	-.721	0	%100
5	M77	X	1.585	1.585	0	%100
6	M77	Z	-2.745	-2.745	0	%100
7	M78	X	2.226	2.226	0	%100
8	M78	Z	-3.856	-3.856	0	%100
9	M79	X	2.226	2.226	0	%100
10	M79	Z	-3.856	-3.856	0	%100
11	M84	X	.389	.389	0	%100
12	M84	Z	-.674	-.674	0	%100
13	M85	X	.416	.416	0	%100
14	M85	Z	-.721	-.721	0	%100
15	M86	X	1.585	1.585	0	%100
16	M86	Z	-2.745	-2.745	0	%100
17	M87	X	2.226	2.226	0	%100
18	M87	Z	-3.856	-3.856	0	%100
19	M88	X	2.226	2.226	0	%100
20	M88	Z	-3.856	-3.856	0	%100
21	M93	X	.389	.389	0	%100
22	M93	Z	-.674	-.674	0	%100
23	M94	X	1.664	1.664	0	%100
24	M94	Z	-2.882	-2.882	0	%100
25	M95	X	0	0	0	%100
26	M95	Z	0	0	0	%100
27	M96	X	0	0	0	%100
28	M96	Z	0	0	0	%100
29	M97	X	0	0	0	%100
30	M97	Z	0	0	0	%100
31	M102	X	0	0	0	%100
32	M102	Z	0	0	0	%100
33	M103	X	1.424	1.424	0	%100
34	M103	Z	-2.466	-2.466	0	%100
35	M107	X	.369	.369	0	%100
36	M107	Z	-.639	-.639	0	%100
37	M71	X	2.081	2.081	0	%100
38	M71	Z	-3.604	-3.604	0	%100
39	M72	X	0	0	0	%100
40	M72	Z	0	0	0	%100
41	M71A	X	1.424	1.424	0	%100
42	M71A	Z	-2.466	-2.466	0	%100
43	M72A	X	0	0	0	%100
44	M72A	Z	0	0	0	%100
45	MP1A	X	1.209	1.209	0	%100
46	MP1A	Z	-2.094	-2.094	0	%100
47	MP2A	X	1.209	1.209	0	%100
48	MP2A	Z	-2.094	-2.094	0	%100
49	MP3A	X	1.209	1.209	0	%100
50	MP3A	Z	-2.094	-2.094	0	%100
51	MP4A	X	1.209	1.209	0	%100
52	MP4A	Z	-2.094	-2.094	0	%100
53	MP5A	X	1.209	1.209	0	%100
54	MP5A	Z	-2.094	-2.094	0	%100
55	MP6A	X	1.209	1.209	0	%100
56	MP6A	Z	-2.094	-2.094	0	%100
57	MP7A	X	1.209	1.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP7A	Z	-2.094	-2.094	0	%100
59	MP8A	X	1.209	1.209	0	%100
60	MP8A	Z	-2.094	-2.094	0	%100
61	MP1B	X	1.209	1.209	0	%100
62	MP1B	Z	-2.094	-2.094	0	%100
63	MP2B	X	1.209	1.209	0	%100
64	MP2B	Z	-2.094	-2.094	0	%100
65	MP3B	X	1.209	1.209	0	%100
66	MP3B	Z	-2.094	-2.094	0	%100
67	MP4B	X	1.209	1.209	0	%100
68	MP4B	Z	-2.094	-2.094	0	%100
69	MP5B	X	1.209	1.209	0	%100
70	MP5B	Z	-2.094	-2.094	0	%100
71	MP6B	X	1.209	1.209	0	%100
72	MP6B	Z	-2.094	-2.094	0	%100
73	MP7B	X	1.209	1.209	0	%100
74	MP7B	Z	-2.094	-2.094	0	%100
75	MP8B	X	1.209	1.209	0	%100
76	MP8B	Z	-2.094	-2.094	0	%100
77	MP1C	X	1.209	1.209	0	%100
78	MP1C	Z	-2.094	-2.094	0	%100
79	MP2C	X	1.209	1.209	0	%100
80	MP2C	Z	-2.094	-2.094	0	%100
81	MP3C	X	1.209	1.209	0	%100
82	MP3C	Z	-2.094	-2.094	0	%100
83	MP4C	X	1.209	1.209	0	%100
84	MP4C	Z	-2.094	-2.094	0	%100
85	MP5C	X	1.209	1.209	0	%100
86	MP5C	Z	-2.094	-2.094	0	%100
87	MP6C	X	1.209	1.209	0	%100
88	MP6C	Z	-2.094	-2.094	0	%100
89	MP7C	X	1.209	1.209	0	%100
90	MP7C	Z	-2.094	-2.094	0	%100
91	OVP	X	.883	.883	0	%100
92	OVP	Z	-1.529	-1.529	0	%100
93	M126A	X	0	0	0	%100
94	M126A	Z	0	0	0	%100
95	M127A	X	.369	.369	0	%100
96	M127A	Z	-.639	-.639	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	M73	X	1.201	1.201	0	%100
2	M73	Z	-.694	-.694	0	%100
3	M76	X	2.162	2.162	0	%100
4	M76	Z	-1.248	-1.248	0	%100
5	M77	X	.915	.915	0	%100
6	M77	Z	-.528	-.528	0	%100
7	M78	X	1.285	1.285	0	%100
8	M78	Z	-.742	-.742	0	%100
9	M79	X	1.285	1.285	0	%100
10	M79	Z	-.742	-.742	0	%100
11	M84	X	.225	.225	0	%100
12	M84	Z	-.13	-.13	0	%100
13	M85	X	0	0	0	%100
14	M85	Z	0	0	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,%]
15	M86	X	3.66	3.66	0	%100
16	M86	Z	-2.113	-2.113	0	%100
17	M87	X	5.142	5.142	0	%100
18	M87	Z	-2.969	-2.969	0	%100
19	M88	X	5.142	5.142	0	%100
20	M88	Z	-2.969	-2.969	0	%100
21	M93	X	.898	.898	0	%100
22	M93	Z	-.519	-.519	0	%100
23	M94	X	2.162	2.162	0	%100
24	M94	Z	-1.248	-1.248	0	%100
25	M95	X	.915	.915	0	%100
26	M95	Z	-.528	-.528	0	%100
27	M96	X	1.285	1.285	0	%100
28	M96	Z	-.742	-.742	0	%100
29	M97	X	1.285	1.285	0	%100
30	M97	Z	-.742	-.742	0	%100
31	M102	X	.225	.225	0	%100
32	M102	Z	-.13	-.13	0	%100
33	M103	X	.822	.822	0	%100
34	M103	Z	-.475	-.475	0	%100
35	M107	X	.852	.852	0	%100
36	M107	Z	-.492	-.492	0	%100
37	M71	X	4.805	4.805	0	%100
38	M71	Z	-2.774	-2.774	0	%100
39	M72	X	1.201	1.201	0	%100
40	M72	Z	-.694	-.694	0	%100
41	M71A	X	3.289	3.289	0	%100
42	M71A	Z	-1.899	-1.899	0	%100
43	M72A	X	.822	.822	0	%100
44	M72A	Z	-.475	-.475	0	%100
45	MP1A	X	2.094	2.094	0	%100
46	MP1A	Z	-1.209	-1.209	0	%100
47	MP2A	X	2.094	2.094	0	%100
48	MP2A	Z	-1.209	-1.209	0	%100
49	MP3A	X	2.094	2.094	0	%100
50	MP3A	Z	-1.209	-1.209	0	%100
51	MP4A	X	2.094	2.094	0	%100
52	MP4A	Z	-1.209	-1.209	0	%100
53	MP5A	X	2.094	2.094	0	%100
54	MP5A	Z	-1.209	-1.209	0	%100
55	MP6A	X	2.094	2.094	0	%100
56	MP6A	Z	-1.209	-1.209	0	%100
57	MP7A	X	2.094	2.094	0	%100
58	MP7A	Z	-1.209	-1.209	0	%100
59	MP8A	X	2.094	2.094	0	%100
60	MP8A	Z	-1.209	-1.209	0	%100
61	MP1B	X	2.094	2.094	0	%100
62	MP1B	Z	-1.209	-1.209	0	%100
63	MP2B	X	2.094	2.094	0	%100
64	MP2B	Z	-1.209	-1.209	0	%100
65	MP3B	X	2.094	2.094	0	%100
66	MP3B	Z	-1.209	-1.209	0	%100
67	MP4B	X	2.094	2.094	0	%100
68	MP4B	Z	-1.209	-1.209	0	%100
69	MP5B	X	2.094	2.094	0	%100
70	MP5B	Z	-1.209	-1.209	0	%100
71	MP6B	X	2.094	2.094	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,%]
72	MP6B	Z	-1.209	-1.209	0	%100
73	MP7B	X	2.094	2.094	0	%100
74	MP7B	Z	-1.209	-1.209	0	%100
75	MP8B	X	2.094	2.094	0	%100
76	MP8B	Z	-1.209	-1.209	0	%100
77	MP1C	X	2.094	2.094	0	%100
78	MP1C	Z	-1.209	-1.209	0	%100
79	MP2C	X	2.094	2.094	0	%100
80	MP2C	Z	-1.209	-1.209	0	%100
81	MP3C	X	2.094	2.094	0	%100
82	MP3C	Z	-1.209	-1.209	0	%100
83	MP4C	X	2.094	2.094	0	%100
84	MP4C	Z	-1.209	-1.209	0	%100
85	MP5C	X	2.094	2.094	0	%100
86	MP5C	Z	-1.209	-1.209	0	%100
87	MP6C	X	2.094	2.094	0	%100
88	MP6C	Z	-1.209	-1.209	0	%100
89	MP7C	X	2.094	2.094	0	%100
90	MP7C	Z	-1.209	-1.209	0	%100
91	OVP	X	1.529	1.529	0	%100
92	OVP	Z	-.883	-.883	0	%100
93	M126A	X	.213	.213	0	%100
94	M126A	Z	-.123	-.123	0	%100
95	M127A	X	.213	.213	0	%100
96	M127A	Z	-.123	-.123	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	M73	X	0	0	0	%100
2	M73	Z	0	0	0	%100
3	M76	X	3.328	3.328	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	0	0	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	0	0	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	0	0	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	0	0	0	%100
13	M85	X	.832	.832	0	%100
14	M85	Z	0	0	0	%100
15	M86	X	3.17	3.17	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	4.453	4.453	0	%100
18	M87	Z	0	0	0	%100
19	M88	X	4.453	4.453	0	%100
20	M88	Z	0	0	0	%100
21	M93	X	.778	.778	0	%100
22	M93	Z	0	0	0	%100
23	M94	X	.832	.832	0	%100
24	M94	Z	0	0	0	%100
25	M95	X	3.17	3.17	0	%100
26	M95	Z	0	0	0	%100
27	M96	X	4.453	4.453	0	%100
28	M96	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M97	X	4.453	4.453	0	%100
30	M97	Z	0	0	0	%100
31	M102	X	.778	.778	0	%100
32	M102	Z	0	0	0	%100
33	M103	X	0	0	0	%100
34	M103	Z	0	0	0	%100
35	M107	X	.738	.738	0	%100
36	M107	Z	0	0	0	%100
37	M71	X	4.162	4.162	0	%100
38	M71	Z	0	0	0	%100
39	M72	X	4.162	4.162	0	%100
40	M72	Z	0	0	0	%100
41	M71A	X	2.848	2.848	0	%100
42	M71A	Z	0	0	0	%100
43	M72A	X	2.848	2.848	0	%100
44	M72A	Z	0	0	0	%100
45	MP1A	X	2.418	2.418	0	%100
46	MP1A	Z	0	0	0	%100
47	MP2A	X	2.418	2.418	0	%100
48	MP2A	Z	0	0	0	%100
49	MP3A	X	2.418	2.418	0	%100
50	MP3A	Z	0	0	0	%100
51	MP4A	X	2.418	2.418	0	%100
52	MP4A	Z	0	0	0	%100
53	MP5A	X	2.418	2.418	0	%100
54	MP5A	Z	0	0	0	%100
55	MP6A	X	2.418	2.418	0	%100
56	MP6A	Z	0	0	0	%100
57	MP7A	X	2.418	2.418	0	%100
58	MP7A	Z	0	0	0	%100
59	MP8A	X	2.418	2.418	0	%100
60	MP8A	Z	0	0	0	%100
61	MP1B	X	2.418	2.418	0	%100
62	MP1B	Z	0	0	0	%100
63	MP2B	X	2.418	2.418	0	%100
64	MP2B	Z	0	0	0	%100
65	MP3B	X	2.418	2.418	0	%100
66	MP3B	Z	0	0	0	%100
67	MP4B	X	2.418	2.418	0	%100
68	MP4B	Z	0	0	0	%100
69	MP5B	X	2.418	2.418	0	%100
70	MP5B	Z	0	0	0	%100
71	MP6B	X	2.418	2.418	0	%100
72	MP6B	Z	0	0	0	%100
73	MP7B	X	2.418	2.418	0	%100
74	MP7B	Z	0	0	0	%100
75	MP8B	X	2.418	2.418	0	%100
76	MP8B	Z	0	0	0	%100
77	MP1C	X	2.418	2.418	0	%100
78	MP1C	Z	0	0	0	%100
79	MP2C	X	2.418	2.418	0	%100
80	MP2C	Z	0	0	0	%100
81	MP3C	X	2.418	2.418	0	%100
82	MP3C	Z	0	0	0	%100
83	MP4C	X	2.418	2.418	0	%100
84	MP4C	Z	0	0	0	%100
85	MP5C	X	2.418	2.418	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,%]
86	MP5C	Z	0	0	0	%100
87	MP6C	X	2.418	2.418	0	%100
88	MP6C	Z	0	0	0	%100
89	MP7C	X	2.418	2.418	0	%100
90	MP7C	Z	0	0	0	%100
91	OVP	X	1.766	1.766	0	%100
92	OVP	Z	0	0	0	%100
93	M126A	X	.738	.738	0	%100
94	M126A	Z	0	0	0	%100
95	M127A	X	0	0	0	%100
96	M127A	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	M73	X	1.201	1.201	0	%100
2	M73	Z	.694	.694	0	%100
3	M76	X	2.162	2.162	0	%100
4	M76	Z	1.248	1.248	0	%100
5	M77	X	.915	.915	0	%100
6	M77	Z	.528	.528	0	%100
7	M78	X	1.285	1.285	0	%100
8	M78	Z	.742	.742	0	%100
9	M79	X	1.285	1.285	0	%100
10	M79	Z	.742	.742	0	%100
11	M84	X	.225	.225	0	%100
12	M84	Z	.13	.13	0	%100
13	M85	X	2.162	2.162	0	%100
14	M85	Z	1.248	1.248	0	%100
15	M86	X	.915	.915	0	%100
16	M86	Z	.528	.528	0	%100
17	M87	X	1.285	1.285	0	%100
18	M87	Z	.742	.742	0	%100
19	M88	X	1.285	1.285	0	%100
20	M88	Z	.742	.742	0	%100
21	M93	X	.225	.225	0	%100
22	M93	Z	.13	.13	0	%100
23	M94	X	0	0	0	%100
24	M94	Z	0	0	0	%100
25	M95	X	3.66	3.66	0	%100
26	M95	Z	2.113	2.113	0	%100
27	M96	X	5.142	5.142	0	%100
28	M96	Z	2.969	2.969	0	%100
29	M97	X	5.142	5.142	0	%100
30	M97	Z	2.969	2.969	0	%100
31	M102	X	.898	.898	0	%100
32	M102	Z	.519	.519	0	%100
33	M103	X	.822	.822	0	%100
34	M103	Z	.475	.475	0	%100
35	M107	X	.213	.213	0	%100
36	M107	Z	.123	.123	0	%100
37	M71	X	1.201	1.201	0	%100
38	M71	Z	.694	.694	0	%100
39	M72	X	4.805	4.805	0	%100
40	M72	Z	2.774	2.774	0	%100
41	M71A	X	.822	.822	0	%100
42	M71A	Z	.475	.475	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,%]
43	M72A	X	3.289	3.289	0	%100
44	M72A	Z	1.899	1.899	0	%100
45	MP1A	X	2.094	2.094	0	%100
46	MP1A	Z	1.209	1.209	0	%100
47	MP2A	X	2.094	2.094	0	%100
48	MP2A	Z	1.209	1.209	0	%100
49	MP3A	X	2.094	2.094	0	%100
50	MP3A	Z	1.209	1.209	0	%100
51	MP4A	X	2.094	2.094	0	%100
52	MP4A	Z	1.209	1.209	0	%100
53	MP5A	X	2.094	2.094	0	%100
54	MP5A	Z	1.209	1.209	0	%100
55	MP6A	X	2.094	2.094	0	%100
56	MP6A	Z	1.209	1.209	0	%100
57	MP7A	X	2.094	2.094	0	%100
58	MP7A	Z	1.209	1.209	0	%100
59	MP8A	X	2.094	2.094	0	%100
60	MP8A	Z	1.209	1.209	0	%100
61	MP1B	X	2.094	2.094	0	%100
62	MP1B	Z	1.209	1.209	0	%100
63	MP2B	X	2.094	2.094	0	%100
64	MP2B	Z	1.209	1.209	0	%100
65	MP3B	X	2.094	2.094	0	%100
66	MP3B	Z	1.209	1.209	0	%100
67	MP4B	X	2.094	2.094	0	%100
68	MP4B	Z	1.209	1.209	0	%100
69	MP5B	X	2.094	2.094	0	%100
70	MP5B	Z	1.209	1.209	0	%100
71	MP6B	X	2.094	2.094	0	%100
72	MP6B	Z	1.209	1.209	0	%100
73	MP7B	X	2.094	2.094	0	%100
74	MP7B	Z	1.209	1.209	0	%100
75	MP8B	X	2.094	2.094	0	%100
76	MP8B	Z	1.209	1.209	0	%100
77	MP1C	X	2.094	2.094	0	%100
78	MP1C	Z	1.209	1.209	0	%100
79	MP2C	X	2.094	2.094	0	%100
80	MP2C	Z	1.209	1.209	0	%100
81	MP3C	X	2.094	2.094	0	%100
82	MP3C	Z	1.209	1.209	0	%100
83	MP4C	X	2.094	2.094	0	%100
84	MP4C	Z	1.209	1.209	0	%100
85	MP5C	X	2.094	2.094	0	%100
86	MP5C	Z	1.209	1.209	0	%100
87	MP6C	X	2.094	2.094	0	%100
88	MP6C	Z	1.209	1.209	0	%100
89	MP7C	X	2.094	2.094	0	%100
90	MP7C	Z	1.209	1.209	0	%100
91	OVP	X	1.529	1.529	0	%100
92	OVP	Z	.883	.883	0	%100
93	M126A	X	.852	.852	0	%100
94	M126A	Z	.492	.492	0	%100
95	M127A	X	.213	.213	0	%100
96	M127A	Z	.123	.123	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,%]

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,%]
1	M73	X	2.081	2.081	0	%100
2	M73	Z	3.604	3.604	0	%100
3	M76	X	.416	.416	0	%100
4	M76	Z	.721	.721	0	%100
5	M77	X	1.585	1.585	0	%100
6	M77	Z	2.745	2.745	0	%100
7	M78	X	2.226	2.226	0	%100
8	M78	Z	3.856	3.856	0	%100
9	M79	X	2.226	2.226	0	%100
10	M79	Z	3.856	3.856	0	%100
11	M84	X	.389	.389	0	%100
12	M84	Z	.674	.674	0	%100
13	M85	X	1.664	1.664	0	%100
14	M85	Z	2.882	2.882	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	0	0	0	%100
19	M88	X	0	0	0	%100
20	M88	Z	0	0	0	%100
21	M93	X	0	0	0	%100
22	M93	Z	0	0	0	%100
23	M94	X	.416	.416	0	%100
24	M94	Z	.721	.721	0	%100
25	M95	X	1.585	1.585	0	%100
26	M95	Z	2.745	2.745	0	%100
27	M96	X	2.226	2.226	0	%100
28	M96	Z	3.856	3.856	0	%100
29	M97	X	2.226	2.226	0	%100
30	M97	Z	3.856	3.856	0	%100
31	M102	X	.389	.389	0	%100
32	M102	Z	.674	.674	0	%100
33	M103	X	1.424	1.424	0	%100
34	M103	Z	2.466	2.466	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	0	0	0	%100
37	M71	X	0	0	0	%100
38	M71	Z	0	0	0	%100
39	M72	X	2.081	2.081	0	%100
40	M72	Z	3.604	3.604	0	%100
41	M71A	X	0	0	0	%100
42	M71A	Z	0	0	0	%100
43	M72A	X	1.424	1.424	0	%100
44	M72A	Z	2.466	2.466	0	%100
45	MP1A	X	1.209	1.209	0	%100
46	MP1A	Z	2.094	2.094	0	%100
47	MP2A	X	1.209	1.209	0	%100
48	MP2A	Z	2.094	2.094	0	%100
49	MP3A	X	1.209	1.209	0	%100
50	MP3A	Z	2.094	2.094	0	%100
51	MP4A	X	1.209	1.209	0	%100
52	MP4A	Z	2.094	2.094	0	%100
53	MP5A	X	1.209	1.209	0	%100
54	MP5A	Z	2.094	2.094	0	%100
55	MP6A	X	1.209	1.209	0	%100
56	MP6A	Z	2.094	2.094	0	%100
57	MP7A	X	1.209	1.209	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,%]
58	MP7A	Z	2.094	2.094	0	%100
59	MP8A	X	1.209	1.209	0	%100
60	MP8A	Z	2.094	2.094	0	%100
61	MP1B	X	1.209	1.209	0	%100
62	MP1B	Z	2.094	2.094	0	%100
63	MP2B	X	1.209	1.209	0	%100
64	MP2B	Z	2.094	2.094	0	%100
65	MP3B	X	1.209	1.209	0	%100
66	MP3B	Z	2.094	2.094	0	%100
67	MP4B	X	1.209	1.209	0	%100
68	MP4B	Z	2.094	2.094	0	%100
69	MP5B	X	1.209	1.209	0	%100
70	MP5B	Z	2.094	2.094	0	%100
71	MP6B	X	1.209	1.209	0	%100
72	MP6B	Z	2.094	2.094	0	%100
73	MP7B	X	1.209	1.209	0	%100
74	MP7B	Z	2.094	2.094	0	%100
75	MP8B	X	1.209	1.209	0	%100
76	MP8B	Z	2.094	2.094	0	%100
77	MP1C	X	1.209	1.209	0	%100
78	MP1C	Z	2.094	2.094	0	%100
79	MP2C	X	1.209	1.209	0	%100
80	MP2C	Z	2.094	2.094	0	%100
81	MP3C	X	1.209	1.209	0	%100
82	MP3C	Z	2.094	2.094	0	%100
83	MP4C	X	1.209	1.209	0	%100
84	MP4C	Z	2.094	2.094	0	%100
85	MP5C	X	1.209	1.209	0	%100
86	MP5C	Z	2.094	2.094	0	%100
87	MP6C	X	1.209	1.209	0	%100
88	MP6C	Z	2.094	2.094	0	%100
89	MP7C	X	1.209	1.209	0	%100
90	MP7C	Z	2.094	2.094	0	%100
91	OVP	X	.883	.883	0	%100
92	OVP	Z	1.529	1.529	0	%100
93	M126A	X	.369	.369	0	%100
94	M126A	Z	.639	.639	0	%100
95	M127A	X	.369	.369	0	%100
96	M127A	Z	.639	.639	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	M73	X	0	0	0	%100
2	M73	Z	5.549	5.549	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	4.226	4.226	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	5.937	5.937	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	5.937	5.937	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	1.037	1.037	0	%100
13	M85	X	0	0	0	%100
14	M85	Z	2.496	2.496	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,%]
15	M86	X	0	0	0	%100
16	M86	Z	1.057	1.057	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	1.484	1.484	0	%100
19	M88	X	0	0	0	%100
20	M88	Z	1.484	1.484	0	%100
21	M93	X	0	0	0	%100
22	M93	Z	.259	.259	0	%100
23	M94	X	0	0	0	%100
24	M94	Z	2.496	2.496	0	%100
25	M95	X	0	0	0	%100
26	M95	Z	1.057	1.057	0	%100
27	M96	X	0	0	0	%100
28	M96	Z	1.484	1.484	0	%100
29	M97	X	0	0	0	%100
30	M97	Z	1.484	1.484	0	%100
31	M102	X	0	0	0	%100
32	M102	Z	.259	.259	0	%100
33	M103	X	0	0	0	%100
34	M103	Z	3.797	3.797	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	.246	.246	0	%100
37	M71	X	0	0	0	%100
38	M71	Z	1.387	1.387	0	%100
39	M72	X	0	0	0	%100
40	M72	Z	1.387	1.387	0	%100
41	M71A	X	0	0	0	%100
42	M71A	Z	.949	.949	0	%100
43	M72A	X	0	0	0	%100
44	M72A	Z	.949	.949	0	%100
45	MP1A	X	0	0	0	%100
46	MP1A	Z	2.418	2.418	0	%100
47	MP2A	X	0	0	0	%100
48	MP2A	Z	2.418	2.418	0	%100
49	MP3A	X	0	0	0	%100
50	MP3A	Z	2.418	2.418	0	%100
51	MP4A	X	0	0	0	%100
52	MP4A	Z	2.418	2.418	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	2.418	2.418	0	%100
55	MP6A	X	0	0	0	%100
56	MP6A	Z	2.418	2.418	0	%100
57	MP7A	X	0	0	0	%100
58	MP7A	Z	2.418	2.418	0	%100
59	MP8A	X	0	0	0	%100
60	MP8A	Z	2.418	2.418	0	%100
61	MP1B	X	0	0	0	%100
62	MP1B	Z	2.418	2.418	0	%100
63	MP2B	X	0	0	0	%100
64	MP2B	Z	2.418	2.418	0	%100
65	MP3B	X	0	0	0	%100
66	MP3B	Z	2.418	2.418	0	%100
67	MP4B	X	0	0	0	%100
68	MP4B	Z	2.418	2.418	0	%100
69	MP5B	X	0	0	0	%100
70	MP5B	Z	2.418	2.418	0	%100
71	MP6B	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,%]
72	MP6B	Z	2.418	2.418	0	%100
73	MP7B	X	0	0	0	%100
74	MP7B	Z	2.418	2.418	0	%100
75	MP8B	X	0	0	0	%100
76	MP8B	Z	2.418	2.418	0	%100
77	MP1C	X	0	0	0	%100
78	MP1C	Z	2.418	2.418	0	%100
79	MP2C	X	0	0	0	%100
80	MP2C	Z	2.418	2.418	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	2.418	2.418	0	%100
83	MP4C	X	0	0	0	%100
84	MP4C	Z	2.418	2.418	0	%100
85	MP5C	X	0	0	0	%100
86	MP5C	Z	2.418	2.418	0	%100
87	MP6C	X	0	0	0	%100
88	MP6C	Z	2.418	2.418	0	%100
89	MP7C	X	0	0	0	%100
90	MP7C	Z	2.418	2.418	0	%100
91	OVP	X	0	0	0	%100
92	OVP	Z	1.766	1.766	0	%100
93	M126A	X	0	0	0	%100
94	M126A	Z	.246	.246	0	%100
95	M127A	X	0	0	0	%100
96	M127A	Z	.984	.984	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	M73	X	-2.081	-2.081	0	%100
2	M73	Z	3.604	3.604	0	%100
3	M76	X	-.416	-.416	0	%100
4	M76	Z	.721	.721	0	%100
5	M77	X	-1.585	-1.585	0	%100
6	M77	Z	2.745	2.745	0	%100
7	M78	X	-2.226	-2.226	0	%100
8	M78	Z	3.856	3.856	0	%100
9	M79	X	-2.226	-2.226	0	%100
10	M79	Z	3.856	3.856	0	%100
11	M84	X	-.389	-.389	0	%100
12	M84	Z	.674	.674	0	%100
13	M85	X	-.416	-.416	0	%100
14	M85	Z	.721	.721	0	%100
15	M86	X	-1.585	-1.585	0	%100
16	M86	Z	2.745	2.745	0	%100
17	M87	X	-2.226	-2.226	0	%100
18	M87	Z	3.856	3.856	0	%100
19	M88	X	-2.226	-2.226	0	%100
20	M88	Z	3.856	3.856	0	%100
21	M93	X	-.389	-.389	0	%100
22	M93	Z	.674	.674	0	%100
23	M94	X	-1.664	-1.664	0	%100
24	M94	Z	2.882	2.882	0	%100
25	M95	X	0	0	0	%100
26	M95	Z	0	0	0	%100
27	M96	X	0	0	0	%100
28	M96	Z	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,%]
29	M97	X	0	0	0	%100
30	M97	Z	0	0	0	%100
31	M102	X	0	0	0	%100
32	M102	Z	0	0	0	%100
33	M103	X	-1.424	-1.424	0	%100
34	M103	Z	2.466	2.466	0	%100
35	M107	X	-.369	-.369	0	%100
36	M107	Z	.639	.639	0	%100
37	M71	X	-2.081	-2.081	0	%100
38	M71	Z	3.604	3.604	0	%100
39	M72	X	0	0	0	%100
40	M72	Z	0	0	0	%100
41	M71A	X	-1.424	-1.424	0	%100
42	M71A	Z	2.466	2.466	0	%100
43	M72A	X	0	0	0	%100
44	M72A	Z	0	0	0	%100
45	MP1A	X	-1.209	-1.209	0	%100
46	MP1A	Z	2.094	2.094	0	%100
47	MP2A	X	-1.209	-1.209	0	%100
48	MP2A	Z	2.094	2.094	0	%100
49	MP3A	X	-1.209	-1.209	0	%100
50	MP3A	Z	2.094	2.094	0	%100
51	MP4A	X	-1.209	-1.209	0	%100
52	MP4A	Z	2.094	2.094	0	%100
53	MP5A	X	-1.209	-1.209	0	%100
54	MP5A	Z	2.094	2.094	0	%100
55	MP6A	X	-1.209	-1.209	0	%100
56	MP6A	Z	2.094	2.094	0	%100
57	MP7A	X	-1.209	-1.209	0	%100
58	MP7A	Z	2.094	2.094	0	%100
59	MP8A	X	-1.209	-1.209	0	%100
60	MP8A	Z	2.094	2.094	0	%100
61	MP1B	X	-1.209	-1.209	0	%100
62	MP1B	Z	2.094	2.094	0	%100
63	MP2B	X	-1.209	-1.209	0	%100
64	MP2B	Z	2.094	2.094	0	%100
65	MP3B	X	-1.209	-1.209	0	%100
66	MP3B	Z	2.094	2.094	0	%100
67	MP4B	X	-1.209	-1.209	0	%100
68	MP4B	Z	2.094	2.094	0	%100
69	MP5B	X	-1.209	-1.209	0	%100
70	MP5B	Z	2.094	2.094	0	%100
71	MP6B	X	-1.209	-1.209	0	%100
72	MP6B	Z	2.094	2.094	0	%100
73	MP7B	X	-1.209	-1.209	0	%100
74	MP7B	Z	2.094	2.094	0	%100
75	MP8B	X	-1.209	-1.209	0	%100
76	MP8B	Z	2.094	2.094	0	%100
77	MP1C	X	-1.209	-1.209	0	%100
78	MP1C	Z	2.094	2.094	0	%100
79	MP2C	X	-1.209	-1.209	0	%100
80	MP2C	Z	2.094	2.094	0	%100
81	MP3C	X	-1.209	-1.209	0	%100
82	MP3C	Z	2.094	2.094	0	%100
83	MP4C	X	-1.209	-1.209	0	%100
84	MP4C	Z	2.094	2.094	0	%100
85	MP5C	X	-1.209	-1.209	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,%]
86	MP5C	Z	2.094	2.094	0	%100
87	MP6C	X	-1.209	-1.209	0	%100
88	MP6C	Z	2.094	2.094	0	%100
89	MP7C	X	-1.209	-1.209	0	%100
90	MP7C	Z	2.094	2.094	0	%100
91	OVP	X	-.883	-.883	0	%100
92	OVP	Z	1.529	1.529	0	%100
93	M126A	X	0	0	0	%100
94	M126A	Z	0	0	0	%100
95	M127A	X	-.369	-.369	0	%100
96	M127A	Z	.639	.639	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	M73	X	-1.201	-1.201	0	%100
2	M73	Z	.694	.694	0	%100
3	M76	X	-2.162	-2.162	0	%100
4	M76	Z	1.248	1.248	0	%100
5	M77	X	-.915	-.915	0	%100
6	M77	Z	.528	.528	0	%100
7	M78	X	-1.285	-1.285	0	%100
8	M78	Z	.742	.742	0	%100
9	M79	X	-1.285	-1.285	0	%100
10	M79	Z	.742	.742	0	%100
11	M84	X	-.225	-.225	0	%100
12	M84	Z	.13	.13	0	%100
13	M85	X	0	0	0	%100
14	M85	Z	0	0	0	%100
15	M86	X	-3.66	-3.66	0	%100
16	M86	Z	2.113	2.113	0	%100
17	M87	X	-5.142	-5.142	0	%100
18	M87	Z	2.969	2.969	0	%100
19	M88	X	-5.142	-5.142	0	%100
20	M88	Z	2.969	2.969	0	%100
21	M93	X	-.898	-.898	0	%100
22	M93	Z	.519	.519	0	%100
23	M94	X	-2.162	-2.162	0	%100
24	M94	Z	1.248	1.248	0	%100
25	M95	X	-.915	-.915	0	%100
26	M95	Z	.528	.528	0	%100
27	M96	X	-1.285	-1.285	0	%100
28	M96	Z	.742	.742	0	%100
29	M97	X	-1.285	-1.285	0	%100
30	M97	Z	.742	.742	0	%100
31	M102	X	-.225	-.225	0	%100
32	M102	Z	.13	.13	0	%100
33	M103	X	-.822	-.822	0	%100
34	M103	Z	.475	.475	0	%100
35	M107	X	-.852	-.852	0	%100
36	M107	Z	.492	.492	0	%100
37	M71	X	-4.805	-4.805	0	%100
38	M71	Z	2.774	2.774	0	%100
39	M72	X	-1.201	-1.201	0	%100
40	M72	Z	.694	.694	0	%100
41	M71A	X	-3.289	-3.289	0	%100
42	M71A	Z	1.899	1.899	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,%]
43	M72A	X	-.822	-.822	0	%100
44	M72A	Z	.475	.475	0	%100
45	MP1A	X	-2.094	-2.094	0	%100
46	MP1A	Z	1.209	1.209	0	%100
47	MP2A	X	-2.094	-2.094	0	%100
48	MP2A	Z	1.209	1.209	0	%100
49	MP3A	X	-2.094	-2.094	0	%100
50	MP3A	Z	1.209	1.209	0	%100
51	MP4A	X	-2.094	-2.094	0	%100
52	MP4A	Z	1.209	1.209	0	%100
53	MP5A	X	-2.094	-2.094	0	%100
54	MP5A	Z	1.209	1.209	0	%100
55	MP6A	X	-2.094	-2.094	0	%100
56	MP6A	Z	1.209	1.209	0	%100
57	MP7A	X	-2.094	-2.094	0	%100
58	MP7A	Z	1.209	1.209	0	%100
59	MP8A	X	-2.094	-2.094	0	%100
60	MP8A	Z	1.209	1.209	0	%100
61	MP1B	X	-2.094	-2.094	0	%100
62	MP1B	Z	1.209	1.209	0	%100
63	MP2B	X	-2.094	-2.094	0	%100
64	MP2B	Z	1.209	1.209	0	%100
65	MP3B	X	-2.094	-2.094	0	%100
66	MP3B	Z	1.209	1.209	0	%100
67	MP4B	X	-2.094	-2.094	0	%100
68	MP4B	Z	1.209	1.209	0	%100
69	MP5B	X	-2.094	-2.094	0	%100
70	MP5B	Z	1.209	1.209	0	%100
71	MP6B	X	-2.094	-2.094	0	%100
72	MP6B	Z	1.209	1.209	0	%100
73	MP7B	X	-2.094	-2.094	0	%100
74	MP7B	Z	1.209	1.209	0	%100
75	MP8B	X	-2.094	-2.094	0	%100
76	MP8B	Z	1.209	1.209	0	%100
77	MP1C	X	-2.094	-2.094	0	%100
78	MP1C	Z	1.209	1.209	0	%100
79	MP2C	X	-2.094	-2.094	0	%100
80	MP2C	Z	1.209	1.209	0	%100
81	MP3C	X	-2.094	-2.094	0	%100
82	MP3C	Z	1.209	1.209	0	%100
83	MP4C	X	-2.094	-2.094	0	%100
84	MP4C	Z	1.209	1.209	0	%100
85	MP5C	X	-2.094	-2.094	0	%100
86	MP5C	Z	1.209	1.209	0	%100
87	MP6C	X	-2.094	-2.094	0	%100
88	MP6C	Z	1.209	1.209	0	%100
89	MP7C	X	-2.094	-2.094	0	%100
90	MP7C	Z	1.209	1.209	0	%100
91	OVP	X	-1.529	-1.529	0	%100
92	OVP	Z	.883	.883	0	%100
93	M126A	X	-.213	-.213	0	%100
94	M126A	Z	.123	.123	0	%100
95	M127A	X	-.213	-.213	0	%100
96	M127A	Z	.123	.123	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,%]

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,%]
1	M73	X	0	0	0	%100
2	M73	Z	0	0	0	%100
3	M76	X	-3.328	-3.328	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	0	0	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	0	0	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	0	0	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	0	0	0	%100
13	M85	X	-.832	-.832	0	%100
14	M85	Z	0	0	0	%100
15	M86	X	-3.17	-3.17	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	-4.453	-4.453	0	%100
18	M87	Z	0	0	0	%100
19	M88	X	-4.453	-4.453	0	%100
20	M88	Z	0	0	0	%100
21	M93	X	-.778	-.778	0	%100
22	M93	Z	0	0	0	%100
23	M94	X	-.832	-.832	0	%100
24	M94	Z	0	0	0	%100
25	M95	X	-3.17	-3.17	0	%100
26	M95	Z	0	0	0	%100
27	M96	X	-4.453	-4.453	0	%100
28	M96	Z	0	0	0	%100
29	M97	X	-4.453	-4.453	0	%100
30	M97	Z	0	0	0	%100
31	M102	X	-.778	-.778	0	%100
32	M102	Z	0	0	0	%100
33	M103	X	0	0	0	%100
34	M103	Z	0	0	0	%100
35	M107	X	-.738	-.738	0	%100
36	M107	Z	0	0	0	%100
37	M71	X	-4.162	-4.162	0	%100
38	M71	Z	0	0	0	%100
39	M72	X	-4.162	-4.162	0	%100
40	M72	Z	0	0	0	%100
41	M71A	X	-2.848	-2.848	0	%100
42	M71A	Z	0	0	0	%100
43	M72A	X	-2.848	-2.848	0	%100
44	M72A	Z	0	0	0	%100
45	MP1A	X	-2.418	-2.418	0	%100
46	MP1A	Z	0	0	0	%100
47	MP2A	X	-2.418	-2.418	0	%100
48	MP2A	Z	0	0	0	%100
49	MP3A	X	-2.418	-2.418	0	%100
50	MP3A	Z	0	0	0	%100
51	MP4A	X	-2.418	-2.418	0	%100
52	MP4A	Z	0	0	0	%100
53	MP5A	X	-2.418	-2.418	0	%100
54	MP5A	Z	0	0	0	%100
55	MP6A	X	-2.418	-2.418	0	%100
56	MP6A	Z	0	0	0	%100
57	MP7A	X	-2.418	-2.418	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,%]
58	MP7A	Z	0	0	0	%100
59	MP8A	X	-2.418	-2.418	0	%100
60	MP8A	Z	0	0	0	%100
61	MP1B	X	-2.418	-2.418	0	%100
62	MP1B	Z	0	0	0	%100
63	MP2B	X	-2.418	-2.418	0	%100
64	MP2B	Z	0	0	0	%100
65	MP3B	X	-2.418	-2.418	0	%100
66	MP3B	Z	0	0	0	%100
67	MP4B	X	-2.418	-2.418	0	%100
68	MP4B	Z	0	0	0	%100
69	MP5B	X	-2.418	-2.418	0	%100
70	MP5B	Z	0	0	0	%100
71	MP6B	X	-2.418	-2.418	0	%100
72	MP6B	Z	0	0	0	%100
73	MP7B	X	-2.418	-2.418	0	%100
74	MP7B	Z	0	0	0	%100
75	MP8B	X	-2.418	-2.418	0	%100
76	MP8B	Z	0	0	0	%100
77	MP1C	X	-2.418	-2.418	0	%100
78	MP1C	Z	0	0	0	%100
79	MP2C	X	-2.418	-2.418	0	%100
80	MP2C	Z	0	0	0	%100
81	MP3C	X	-2.418	-2.418	0	%100
82	MP3C	Z	0	0	0	%100
83	MP4C	X	-2.418	-2.418	0	%100
84	MP4C	Z	0	0	0	%100
85	MP5C	X	-2.418	-2.418	0	%100
86	MP5C	Z	0	0	0	%100
87	MP6C	X	-2.418	-2.418	0	%100
88	MP6C	Z	0	0	0	%100
89	MP7C	X	-2.418	-2.418	0	%100
90	MP7C	Z	0	0	0	%100
91	OVP	X	-1.766	-1.766	0	%100
92	OVP	Z	0	0	0	%100
93	M126A	X	-.738	-.738	0	%100
94	M126A	Z	0	0	0	%100
95	M127A	X	0	0	0	%100
96	M127A	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	M73	X	-1.201	-1.201	0	%100
2	M73	Z	-.694	-.694	0	%100
3	M76	X	-2.162	-2.162	0	%100
4	M76	Z	-1.248	-1.248	0	%100
5	M77	X	-.915	-.915	0	%100
6	M77	Z	-.528	-.528	0	%100
7	M78	X	-1.285	-1.285	0	%100
8	M78	Z	-.742	-.742	0	%100
9	M79	X	-1.285	-1.285	0	%100
10	M79	Z	-.742	-.742	0	%100
11	M84	X	-.225	-.225	0	%100
12	M84	Z	-.13	-.13	0	%100
13	M85	X	-2.162	-2.162	0	%100
14	M85	Z	-1.248	-1.248	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,%]
15	M86	X	-.915	-.915	0	%100
16	M86	Z	-.528	-.528	0	%100
17	M87	X	-1.285	-1.285	0	%100
18	M87	Z	-.742	-.742	0	%100
19	M88	X	-1.285	-1.285	0	%100
20	M88	Z	-.742	-.742	0	%100
21	M93	X	-.225	-.225	0	%100
22	M93	Z	-.13	-.13	0	%100
23	M94	X	0	0	0	%100
24	M94	Z	0	0	0	%100
25	M95	X	-3.66	-3.66	0	%100
26	M95	Z	-2.113	-2.113	0	%100
27	M96	X	-5.142	-5.142	0	%100
28	M96	Z	-2.969	-2.969	0	%100
29	M97	X	-5.142	-5.142	0	%100
30	M97	Z	-2.969	-2.969	0	%100
31	M102	X	-.898	-.898	0	%100
32	M102	Z	-.519	-.519	0	%100
33	M103	X	-.822	-.822	0	%100
34	M103	Z	-.475	-.475	0	%100
35	M107	X	-.213	-.213	0	%100
36	M107	Z	-.123	-.123	0	%100
37	M71	X	-1.201	-1.201	0	%100
38	M71	Z	-.694	-.694	0	%100
39	M72	X	-4.805	-4.805	0	%100
40	M72	Z	-2.774	-2.774	0	%100
41	M71A	X	-.822	-.822	0	%100
42	M71A	Z	-.475	-.475	0	%100
43	M72A	X	-3.289	-3.289	0	%100
44	M72A	Z	-1.899	-1.899	0	%100
45	MP1A	X	-2.094	-2.094	0	%100
46	MP1A	Z	-1.209	-1.209	0	%100
47	MP2A	X	-2.094	-2.094	0	%100
48	MP2A	Z	-1.209	-1.209	0	%100
49	MP3A	X	-2.094	-2.094	0	%100
50	MP3A	Z	-1.209	-1.209	0	%100
51	MP4A	X	-2.094	-2.094	0	%100
52	MP4A	Z	-1.209	-1.209	0	%100
53	MP5A	X	-2.094	-2.094	0	%100
54	MP5A	Z	-1.209	-1.209	0	%100
55	MP6A	X	-2.094	-2.094	0	%100
56	MP6A	Z	-1.209	-1.209	0	%100
57	MP7A	X	-2.094	-2.094	0	%100
58	MP7A	Z	-1.209	-1.209	0	%100
59	MP8A	X	-2.094	-2.094	0	%100
60	MP8A	Z	-1.209	-1.209	0	%100
61	MP1B	X	-2.094	-2.094	0	%100
62	MP1B	Z	-1.209	-1.209	0	%100
63	MP2B	X	-2.094	-2.094	0	%100
64	MP2B	Z	-1.209	-1.209	0	%100
65	MP3B	X	-2.094	-2.094	0	%100
66	MP3B	Z	-1.209	-1.209	0	%100
67	MP4B	X	-2.094	-2.094	0	%100
68	MP4B	Z	-1.209	-1.209	0	%100
69	MP5B	X	-2.094	-2.094	0	%100
70	MP5B	Z	-1.209	-1.209	0	%100
71	MP6B	X	-2.094	-2.094	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,%]
72	MP6B	Z	-1.209	-1.209	0	%100
73	MP7B	X	-2.094	-2.094	0	%100
74	MP7B	Z	-1.209	-1.209	0	%100
75	MP8B	X	-2.094	-2.094	0	%100
76	MP8B	Z	-1.209	-1.209	0	%100
77	MP1C	X	-2.094	-2.094	0	%100
78	MP1C	Z	-1.209	-1.209	0	%100
79	MP2C	X	-2.094	-2.094	0	%100
80	MP2C	Z	-1.209	-1.209	0	%100
81	MP3C	X	-2.094	-2.094	0	%100
82	MP3C	Z	-1.209	-1.209	0	%100
83	MP4C	X	-2.094	-2.094	0	%100
84	MP4C	Z	-1.209	-1.209	0	%100
85	MP5C	X	-2.094	-2.094	0	%100
86	MP5C	Z	-1.209	-1.209	0	%100
87	MP6C	X	-2.094	-2.094	0	%100
88	MP6C	Z	-1.209	-1.209	0	%100
89	MP7C	X	-2.094	-2.094	0	%100
90	MP7C	Z	-1.209	-1.209	0	%100
91	OVP	X	-1.529	-1.529	0	%100
92	OVP	Z	-.883	-.883	0	%100
93	M126A	X	-.852	-.852	0	%100
94	M126A	Z	-.492	-.492	0	%100
95	M127A	X	-.213	-.213	0	%100
96	M127A	Z	-.123	-.123	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	M73	X	-2.081	-2.081	0	%100
2	M73	Z	-3.604	-3.604	0	%100
3	M76	X	-.416	-.416	0	%100
4	M76	Z	-.721	-.721	0	%100
5	M77	X	-1.585	-1.585	0	%100
6	M77	Z	-2.745	-2.745	0	%100
7	M78	X	-2.226	-2.226	0	%100
8	M78	Z	-3.856	-3.856	0	%100
9	M79	X	-2.226	-2.226	0	%100
10	M79	Z	-3.856	-3.856	0	%100
11	M84	X	-.389	-.389	0	%100
12	M84	Z	-.674	-.674	0	%100
13	M85	X	-1.664	-1.664	0	%100
14	M85	Z	-2.882	-2.882	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	0	0	0	%100
19	M88	X	0	0	0	%100
20	M88	Z	0	0	0	%100
21	M93	X	0	0	0	%100
22	M93	Z	0	0	0	%100
23	M94	X	-.416	-.416	0	%100
24	M94	Z	-.721	-.721	0	%100
25	M95	X	-1.585	-1.585	0	%100
26	M95	Z	-2.745	-2.745	0	%100
27	M96	X	-2.226	-2.226	0	%100
28	M96	Z	-3.856	-3.856	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,%]
29	M97	X	-2.226	-2.226	0	%100
30	M97	Z	-3.856	-3.856	0	%100
31	M102	X	-.389	-.389	0	%100
32	M102	Z	-.674	-.674	0	%100
33	M103	X	-1.424	-1.424	0	%100
34	M103	Z	-2.466	-2.466	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	0	0	0	%100
37	M71	X	0	0	0	%100
38	M71	Z	0	0	0	%100
39	M72	X	-2.081	-2.081	0	%100
40	M72	Z	-3.604	-3.604	0	%100
41	M71A	X	0	0	0	%100
42	M71A	Z	0	0	0	%100
43	M72A	X	-1.424	-1.424	0	%100
44	M72A	Z	-2.466	-2.466	0	%100
45	MP1A	X	-1.209	-1.209	0	%100
46	MP1A	Z	-2.094	-2.094	0	%100
47	MP2A	X	-1.209	-1.209	0	%100
48	MP2A	Z	-2.094	-2.094	0	%100
49	MP3A	X	-1.209	-1.209	0	%100
50	MP3A	Z	-2.094	-2.094	0	%100
51	MP4A	X	-1.209	-1.209	0	%100
52	MP4A	Z	-2.094	-2.094	0	%100
53	MP5A	X	-1.209	-1.209	0	%100
54	MP5A	Z	-2.094	-2.094	0	%100
55	MP6A	X	-1.209	-1.209	0	%100
56	MP6A	Z	-2.094	-2.094	0	%100
57	MP7A	X	-1.209	-1.209	0	%100
58	MP7A	Z	-2.094	-2.094	0	%100
59	MP8A	X	-1.209	-1.209	0	%100
60	MP8A	Z	-2.094	-2.094	0	%100
61	MP1B	X	-1.209	-1.209	0	%100
62	MP1B	Z	-2.094	-2.094	0	%100
63	MP2B	X	-1.209	-1.209	0	%100
64	MP2B	Z	-2.094	-2.094	0	%100
65	MP3B	X	-1.209	-1.209	0	%100
66	MP3B	Z	-2.094	-2.094	0	%100
67	MP4B	X	-1.209	-1.209	0	%100
68	MP4B	Z	-2.094	-2.094	0	%100
69	MP5B	X	-1.209	-1.209	0	%100
70	MP5B	Z	-2.094	-2.094	0	%100
71	MP6B	X	-1.209	-1.209	0	%100
72	MP6B	Z	-2.094	-2.094	0	%100
73	MP7B	X	-1.209	-1.209	0	%100
74	MP7B	Z	-2.094	-2.094	0	%100
75	MP8B	X	-1.209	-1.209	0	%100
76	MP8B	Z	-2.094	-2.094	0	%100
77	MP1C	X	-1.209	-1.209	0	%100
78	MP1C	Z	-2.094	-2.094	0	%100
79	MP2C	X	-1.209	-1.209	0	%100
80	MP2C	Z	-2.094	-2.094	0	%100
81	MP3C	X	-1.209	-1.209	0	%100
82	MP3C	Z	-2.094	-2.094	0	%100
83	MP4C	X	-1.209	-1.209	0	%100
84	MP4C	Z	-2.094	-2.094	0	%100
85	MP5C	X	-1.209	-1.209	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,%]
86	MP5C	Z	-2.094	-2.094	0	%100
87	MP6C	X	-1.209	-1.209	0	%100
88	MP6C	Z	-2.094	-2.094	0	%100
89	MP7C	X	-1.209	-1.209	0	%100
90	MP7C	Z	-2.094	-2.094	0	%100
91	OVP	X	-.883	-.883	0	%100
92	OVP	Z	-1.529	-1.529	0	%100
93	M126A	X	-.369	-.369	0	%100
94	M126A	Z	-.639	-.639	0	%100
95	M127A	X	-.369	-.369	0	%100
96	M127A	Z	-.639	-.639	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	M73	X	0	0	0	%100
2	M73	Z	-1.576	-1.576	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	-1.1	-1.1	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	-1.892	-1.892	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	-1.892	-1.892	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	-.095	-.095	0	%100
13	M85	X	0	0	0	%100
14	M85	Z	-.583	-.583	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	-.275	-.275	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	-.473	-.473	0	%100
19	M88	X	0	0	0	%100
20	M88	Z	-.473	-.473	0	%100
21	M93	X	0	0	0	%100
22	M93	Z	-.024	-.024	0	%100
23	M94	X	0	0	0	%100
24	M94	Z	-.583	-.583	0	%100
25	M95	X	0	0	0	%100
26	M95	Z	-.275	-.275	0	%100
27	M96	X	0	0	0	%100
28	M96	Z	-.473	-.473	0	%100
29	M97	X	0	0	0	%100
30	M97	Z	-.473	-.473	0	%100
31	M102	X	0	0	0	%100
32	M102	Z	-.024	-.024	0	%100
33	M103	X	0	0	0	%100
34	M103	Z	-.946	-.946	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	-.024	-.024	0	%100
37	M71	X	0	0	0	%100
38	M71	Z	-.394	-.394	0	%100
39	M72	X	0	0	0	%100
40	M72	Z	-.394	-.394	0	%100
41	M71A	X	0	0	0	%100
42	M71A	Z	-.236	-.236	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,%]
43	M72A	X	0	0	0	%100
44	M72A	Z	-.236	-.236	0	%100
45	MP1A	X	0	0	0	%100
46	MP1A	Z	-.449	-.449	0	%100
47	MP2A	X	0	0	0	%100
48	MP2A	Z	-.449	-.449	0	%100
49	MP3A	X	0	0	0	%100
50	MP3A	Z	-.449	-.449	0	%100
51	MP4A	X	0	0	0	%100
52	MP4A	Z	-.449	-.449	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	-.449	-.449	0	%100
55	MP6A	X	0	0	0	%100
56	MP6A	Z	-.449	-.449	0	%100
57	MP7A	X	0	0	0	%100
58	MP7A	Z	-.449	-.449	0	%100
59	MP8A	X	0	0	0	%100
60	MP8A	Z	-.449	-.449	0	%100
61	MP1B	X	0	0	0	%100
62	MP1B	Z	-.449	-.449	0	%100
63	MP2B	X	0	0	0	%100
64	MP2B	Z	-.449	-.449	0	%100
65	MP3B	X	0	0	0	%100
66	MP3B	Z	-.449	-.449	0	%100
67	MP4B	X	0	0	0	%100
68	MP4B	Z	-.449	-.449	0	%100
69	MP5B	X	0	0	0	%100
70	MP5B	Z	-.449	-.449	0	%100
71	MP6B	X	0	0	0	%100
72	MP6B	Z	-.449	-.449	0	%100
73	MP7B	X	0	0	0	%100
74	MP7B	Z	-.449	-.449	0	%100
75	MP8B	X	0	0	0	%100
76	MP8B	Z	-.449	-.449	0	%100
77	MP1C	X	0	0	0	%100
78	MP1C	Z	-.449	-.449	0	%100
79	MP2C	X	0	0	0	%100
80	MP2C	Z	-.449	-.449	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	-.449	-.449	0	%100
83	MP4C	X	0	0	0	%100
84	MP4C	Z	-.449	-.449	0	%100
85	MP5C	X	0	0	0	%100
86	MP5C	Z	-.449	-.449	0	%100
87	MP6C	X	0	0	0	%100
88	MP6C	Z	-.449	-.449	0	%100
89	MP7C	X	0	0	0	%100
90	MP7C	Z	-.449	-.449	0	%100
91	OVP	X	0	0	0	%100
92	OVP	Z	-.325	-.325	0	%100
93	M126A	X	0	0	0	%100
94	M126A	Z	-.024	-.024	0	%100
95	M127A	X	0	0	0	%100
96	M127A	Z	-.095	-.095	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,%]

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M73	X	.591	.591	0	%100
2	M73	Z	-1.024	-1.024	0	%100
3	M76	X	.097	.097	0	%100
4	M76	Z	-.168	-.168	0	%100
5	M77	X	.413	.413	0	%100
6	M77	Z	-.715	-.715	0	%100
7	M78	X	.709	.709	0	%100
8	M78	Z	-1.229	-1.229	0	%100
9	M79	X	.709	.709	0	%100
10	M79	Z	-1.229	-1.229	0	%100
11	M84	X	.035	.035	0	%100
12	M84	Z	-.061	-.061	0	%100
13	M85	X	.097	.097	0	%100
14	M85	Z	-.168	-.168	0	%100
15	M86	X	.413	.413	0	%100
16	M86	Z	-.715	-.715	0	%100
17	M87	X	.709	.709	0	%100
18	M87	Z	-1.229	-1.229	0	%100
19	M88	X	.709	.709	0	%100
20	M88	Z	-1.229	-1.229	0	%100
21	M93	X	.035	.035	0	%100
22	M93	Z	-.061	-.061	0	%100
23	M94	X	.388	.388	0	%100
24	M94	Z	-.673	-.673	0	%100
25	M95	X	0	0	0	%100
26	M95	Z	0	0	0	%100
27	M96	X	0	0	0	%100
28	M96	Z	0	0	0	%100
29	M97	X	0	0	0	%100
30	M97	Z	0	0	0	%100
31	M102	X	0	0	0	%100
32	M102	Z	0	0	0	%100
33	M103	X	.355	.355	0	%100
34	M103	Z	-.614	-.614	0	%100
35	M107	X	.035	.035	0	%100
36	M107	Z	-.061	-.061	0	%100
37	M71	X	.591	.591	0	%100
38	M71	Z	-1.024	-1.024	0	%100
39	M72	X	0	0	0	%100
40	M72	Z	0	0	0	%100
41	M71A	X	.355	.355	0	%100
42	M71A	Z	-.614	-.614	0	%100
43	M72A	X	0	0	0	%100
44	M72A	Z	0	0	0	%100
45	MP1A	X	.225	.225	0	%100
46	MP1A	Z	-.389	-.389	0	%100
47	MP2A	X	.225	.225	0	%100
48	MP2A	Z	-.389	-.389	0	%100
49	MP3A	X	.225	.225	0	%100
50	MP3A	Z	-.389	-.389	0	%100
51	MP4A	X	.225	.225	0	%100
52	MP4A	Z	-.389	-.389	0	%100
53	MP5A	X	.225	.225	0	%100
54	MP5A	Z	-.389	-.389	0	%100
55	MP6A	X	.225	.225	0	%100
56	MP6A	Z	-.389	-.389	0	%100
57	MP7A	X	.225	.225	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP7A	Z	-.389	-.389	0	%100
59	MP8A	X	.225	.225	0	%100
60	MP8A	Z	-.389	-.389	0	%100
61	MP1B	X	.225	.225	0	%100
62	MP1B	Z	-.389	-.389	0	%100
63	MP2B	X	.225	.225	0	%100
64	MP2B	Z	-.389	-.389	0	%100
65	MP3B	X	.225	.225	0	%100
66	MP3B	Z	-.389	-.389	0	%100
67	MP4B	X	.225	.225	0	%100
68	MP4B	Z	-.389	-.389	0	%100
69	MP5B	X	.225	.225	0	%100
70	MP5B	Z	-.389	-.389	0	%100
71	MP6B	X	.225	.225	0	%100
72	MP6B	Z	-.389	-.389	0	%100
73	MP7B	X	.225	.225	0	%100
74	MP7B	Z	-.389	-.389	0	%100
75	MP8B	X	.225	.225	0	%100
76	MP8B	Z	-.389	-.389	0	%100
77	MP1C	X	.225	.225	0	%100
78	MP1C	Z	-.389	-.389	0	%100
79	MP2C	X	.225	.225	0	%100
80	MP2C	Z	-.389	-.389	0	%100
81	MP3C	X	.225	.225	0	%100
82	MP3C	Z	-.389	-.389	0	%100
83	MP4C	X	.225	.225	0	%100
84	MP4C	Z	-.389	-.389	0	%100
85	MP5C	X	.225	.225	0	%100
86	MP5C	Z	-.389	-.389	0	%100
87	MP6C	X	.225	.225	0	%100
88	MP6C	Z	-.389	-.389	0	%100
89	MP7C	X	.225	.225	0	%100
90	MP7C	Z	-.389	-.389	0	%100
91	OVP	X	.163	.163	0	%100
92	OVP	Z	-.282	-.282	0	%100
93	M126A	X	0	0	0	%100
94	M126A	Z	0	0	0	%100
95	M127A	X	.035	.035	0	%100
96	M127A	Z	-.061	-.061	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	M73	X	.341	.341	0	%100
2	M73	Z	-.197	-.197	0	%100
3	M76	X	.505	.505	0	%100
4	M76	Z	-.291	-.291	0	%100
5	M77	X	.238	.238	0	%100
6	M77	Z	-.138	-.138	0	%100
7	M78	X	.41	.41	0	%100
8	M78	Z	-.236	-.236	0	%100
9	M79	X	.41	.41	0	%100
10	M79	Z	-.236	-.236	0	%100
11	M84	X	.02	.02	0	%100
12	M84	Z	-.012	-.012	0	%100
13	M85	X	0	0	0	%100
14	M85	Z	0	0	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,%]
15	M86	X	.953	.953	0	%100
16	M86	Z	-.55	-.55	0	%100
17	M87	X	1.638	1.638	0	%100
18	M87	Z	-.946	-.946	0	%100
19	M88	X	1.638	1.638	0	%100
20	M88	Z	-.946	-.946	0	%100
21	M93	X	.082	.082	0	%100
22	M93	Z	-.047	-.047	0	%100
23	M94	X	.505	.505	0	%100
24	M94	Z	-.291	-.291	0	%100
25	M95	X	.238	.238	0	%100
26	M95	Z	-.138	-.138	0	%100
27	M96	X	.41	.41	0	%100
28	M96	Z	-.236	-.236	0	%100
29	M97	X	.41	.41	0	%100
30	M97	Z	-.236	-.236	0	%100
31	M102	X	.02	.02	0	%100
32	M102	Z	-.012	-.012	0	%100
33	M103	X	.205	.205	0	%100
34	M103	Z	-.118	-.118	0	%100
35	M107	X	.082	.082	0	%100
36	M107	Z	-.047	-.047	0	%100
37	M71	X	1.365	1.365	0	%100
38	M71	Z	-.788	-.788	0	%100
39	M72	X	.341	.341	0	%100
40	M72	Z	-.197	-.197	0	%100
41	M71A	X	.819	.819	0	%100
42	M71A	Z	-.473	-.473	0	%100
43	M72A	X	.205	.205	0	%100
44	M72A	Z	-.118	-.118	0	%100
45	MP1A	X	.389	.389	0	%100
46	MP1A	Z	-.225	-.225	0	%100
47	MP2A	X	.389	.389	0	%100
48	MP2A	Z	-.225	-.225	0	%100
49	MP3A	X	.389	.389	0	%100
50	MP3A	Z	-.225	-.225	0	%100
51	MP4A	X	.389	.389	0	%100
52	MP4A	Z	-.225	-.225	0	%100
53	MP5A	X	.389	.389	0	%100
54	MP5A	Z	-.225	-.225	0	%100
55	MP6A	X	.389	.389	0	%100
56	MP6A	Z	-.225	-.225	0	%100
57	MP7A	X	.389	.389	0	%100
58	MP7A	Z	-.225	-.225	0	%100
59	MP8A	X	.389	.389	0	%100
60	MP8A	Z	-.225	-.225	0	%100
61	MP1B	X	.389	.389	0	%100
62	MP1B	Z	-.225	-.225	0	%100
63	MP2B	X	.389	.389	0	%100
64	MP2B	Z	-.225	-.225	0	%100
65	MP3B	X	.389	.389	0	%100
66	MP3B	Z	-.225	-.225	0	%100
67	MP4B	X	.389	.389	0	%100
68	MP4B	Z	-.225	-.225	0	%100
69	MP5B	X	.389	.389	0	%100
70	MP5B	Z	-.225	-.225	0	%100
71	MP6B	X	.389	.389	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,%]
72	MP6B	Z	-.225	-.225	0	%100
73	MP7B	X	.389	.389	0	%100
74	MP7B	Z	-.225	-.225	0	%100
75	MP8B	X	.389	.389	0	%100
76	MP8B	Z	-.225	-.225	0	%100
77	MP1C	X	.389	.389	0	%100
78	MP1C	Z	-.225	-.225	0	%100
79	MP2C	X	.389	.389	0	%100
80	MP2C	Z	-.225	-.225	0	%100
81	MP3C	X	.389	.389	0	%100
82	MP3C	Z	-.225	-.225	0	%100
83	MP4C	X	.389	.389	0	%100
84	MP4C	Z	-.225	-.225	0	%100
85	MP5C	X	.389	.389	0	%100
86	MP5C	Z	-.225	-.225	0	%100
87	MP6C	X	.389	.389	0	%100
88	MP6C	Z	-.225	-.225	0	%100
89	MP7C	X	.389	.389	0	%100
90	MP7C	Z	-.225	-.225	0	%100
91	OVP	X	.282	.282	0	%100
92	OVP	Z	-.163	-.163	0	%100
93	M126A	X	.02	.02	0	%100
94	M126A	Z	-.012	-.012	0	%100
95	M127A	X	.02	.02	0	%100
96	M127A	Z	-.012	-.012	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	M73	X	0	0	0	%100
2	M73	Z	0	0	0	%100
3	M76	X	.777	.777	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	0	0	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	0	0	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	0	0	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	0	0	0	%100
13	M85	X	.194	.194	0	%100
14	M85	Z	0	0	0	%100
15	M86	X	.825	.825	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	1.419	1.419	0	%100
18	M87	Z	0	0	0	%100
19	M88	X	1.419	1.419	0	%100
20	M88	Z	0	0	0	%100
21	M93	X	.071	.071	0	%100
22	M93	Z	0	0	0	%100
23	M94	X	.194	.194	0	%100
24	M94	Z	0	0	0	%100
25	M95	X	.825	.825	0	%100
26	M95	Z	0	0	0	%100
27	M96	X	1.419	1.419	0	%100
28	M96	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M97	X	1.419	1.419	0	%100
30	M97	Z	0	0	0	%100
31	M102	X	.071	.071	0	%100
32	M102	Z	0	0	0	%100
33	M103	X	0	0	0	%100
34	M103	Z	0	0	0	%100
35	M107	X	.071	.071	0	%100
36	M107	Z	0	0	0	%100
37	M71	X	1.182	1.182	0	%100
38	M71	Z	0	0	0	%100
39	M72	X	1.182	1.182	0	%100
40	M72	Z	0	0	0	%100
41	M71A	X	.709	.709	0	%100
42	M71A	Z	0	0	0	%100
43	M72A	X	.709	.709	0	%100
44	M72A	Z	0	0	0	%100
45	MP1A	X	.449	.449	0	%100
46	MP1A	Z	0	0	0	%100
47	MP2A	X	.449	.449	0	%100
48	MP2A	Z	0	0	0	%100
49	MP3A	X	.449	.449	0	%100
50	MP3A	Z	0	0	0	%100
51	MP4A	X	.449	.449	0	%100
52	MP4A	Z	0	0	0	%100
53	MP5A	X	.449	.449	0	%100
54	MP5A	Z	0	0	0	%100
55	MP6A	X	.449	.449	0	%100
56	MP6A	Z	0	0	0	%100
57	MP7A	X	.449	.449	0	%100
58	MP7A	Z	0	0	0	%100
59	MP8A	X	.449	.449	0	%100
60	MP8A	Z	0	0	0	%100
61	MP1B	X	.449	.449	0	%100
62	MP1B	Z	0	0	0	%100
63	MP2B	X	.449	.449	0	%100
64	MP2B	Z	0	0	0	%100
65	MP3B	X	.449	.449	0	%100
66	MP3B	Z	0	0	0	%100
67	MP4B	X	.449	.449	0	%100
68	MP4B	Z	0	0	0	%100
69	MP5B	X	.449	.449	0	%100
70	MP5B	Z	0	0	0	%100
71	MP6B	X	.449	.449	0	%100
72	MP6B	Z	0	0	0	%100
73	MP7B	X	.449	.449	0	%100
74	MP7B	Z	0	0	0	%100
75	MP8B	X	.449	.449	0	%100
76	MP8B	Z	0	0	0	%100
77	MP1C	X	.449	.449	0	%100
78	MP1C	Z	0	0	0	%100
79	MP2C	X	.449	.449	0	%100
80	MP2C	Z	0	0	0	%100
81	MP3C	X	.449	.449	0	%100
82	MP3C	Z	0	0	0	%100
83	MP4C	X	.449	.449	0	%100
84	MP4C	Z	0	0	0	%100
85	MP5C	X	.449	.449	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,%]
86	MP5C	Z	0	0	0	%100
87	MP6C	X	.449	.449	0	%100
88	MP6C	Z	0	0	0	%100
89	MP7C	X	.449	.449	0	%100
90	MP7C	Z	0	0	0	%100
91	OVP	X	.325	.325	0	%100
92	OVP	Z	0	0	0	%100
93	M126A	X	.071	.071	0	%100
94	M126A	Z	0	0	0	%100
95	M127A	X	0	0	0	%100
96	M127A	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	M73	X	.341	.341	0	%100
2	M73	Z	.197	.197	0	%100
3	M76	X	.505	.505	0	%100
4	M76	Z	.291	.291	0	%100
5	M77	X	.238	.238	0	%100
6	M77	Z	.138	.138	0	%100
7	M78	X	.41	.41	0	%100
8	M78	Z	.236	.236	0	%100
9	M79	X	.41	.41	0	%100
10	M79	Z	.236	.236	0	%100
11	M84	X	.02	.02	0	%100
12	M84	Z	.012	.012	0	%100
13	M85	X	.505	.505	0	%100
14	M85	Z	.291	.291	0	%100
15	M86	X	.238	.238	0	%100
16	M86	Z	.138	.138	0	%100
17	M87	X	.41	.41	0	%100
18	M87	Z	.236	.236	0	%100
19	M88	X	.41	.41	0	%100
20	M88	Z	.236	.236	0	%100
21	M93	X	.02	.02	0	%100
22	M93	Z	.012	.012	0	%100
23	M94	X	0	0	0	%100
24	M94	Z	0	0	0	%100
25	M95	X	.953	.953	0	%100
26	M95	Z	.55	.55	0	%100
27	M96	X	1.638	1.638	0	%100
28	M96	Z	.946	.946	0	%100
29	M97	X	1.638	1.638	0	%100
30	M97	Z	.946	.946	0	%100
31	M102	X	.082	.082	0	%100
32	M102	Z	.047	.047	0	%100
33	M103	X	.205	.205	0	%100
34	M103	Z	.118	.118	0	%100
35	M107	X	.02	.02	0	%100
36	M107	Z	.012	.012	0	%100
37	M71	X	.341	.341	0	%100
38	M71	Z	.197	.197	0	%100
39	M72	X	1.365	1.365	0	%100
40	M72	Z	.788	.788	0	%100
41	M71A	X	.205	.205	0	%100
42	M71A	Z	.118	.118	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,%]
43	M72A	X	.819	.819	0	%100
44	M72A	Z	.473	.473	0	%100
45	MP1A	X	.389	.389	0	%100
46	MP1A	Z	.225	.225	0	%100
47	MP2A	X	.389	.389	0	%100
48	MP2A	Z	.225	.225	0	%100
49	MP3A	X	.389	.389	0	%100
50	MP3A	Z	.225	.225	0	%100
51	MP4A	X	.389	.389	0	%100
52	MP4A	Z	.225	.225	0	%100
53	MP5A	X	.389	.389	0	%100
54	MP5A	Z	.225	.225	0	%100
55	MP6A	X	.389	.389	0	%100
56	MP6A	Z	.225	.225	0	%100
57	MP7A	X	.389	.389	0	%100
58	MP7A	Z	.225	.225	0	%100
59	MP8A	X	.389	.389	0	%100
60	MP8A	Z	.225	.225	0	%100
61	MP1B	X	.389	.389	0	%100
62	MP1B	Z	.225	.225	0	%100
63	MP2B	X	.389	.389	0	%100
64	MP2B	Z	.225	.225	0	%100
65	MP3B	X	.389	.389	0	%100
66	MP3B	Z	.225	.225	0	%100
67	MP4B	X	.389	.389	0	%100
68	MP4B	Z	.225	.225	0	%100
69	MP5B	X	.389	.389	0	%100
70	MP5B	Z	.225	.225	0	%100
71	MP6B	X	.389	.389	0	%100
72	MP6B	Z	.225	.225	0	%100
73	MP7B	X	.389	.389	0	%100
74	MP7B	Z	.225	.225	0	%100
75	MP8B	X	.389	.389	0	%100
76	MP8B	Z	.225	.225	0	%100
77	MP1C	X	.389	.389	0	%100
78	MP1C	Z	.225	.225	0	%100
79	MP2C	X	.389	.389	0	%100
80	MP2C	Z	.225	.225	0	%100
81	MP3C	X	.389	.389	0	%100
82	MP3C	Z	.225	.225	0	%100
83	MP4C	X	.389	.389	0	%100
84	MP4C	Z	.225	.225	0	%100
85	MP5C	X	.389	.389	0	%100
86	MP5C	Z	.225	.225	0	%100
87	MP6C	X	.389	.389	0	%100
88	MP6C	Z	.225	.225	0	%100
89	MP7C	X	.389	.389	0	%100
90	MP7C	Z	.225	.225	0	%100
91	OVP	X	.282	.282	0	%100
92	OVP	Z	.163	.163	0	%100
93	M126A	X	.082	.082	0	%100
94	M126A	Z	.047	.047	0	%100
95	M127A	X	.02	.02	0	%100
96	M127A	Z	.012	.012	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,%]

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,%]
1	M73	X	.591	.591	0	%100
2	M73	Z	1.024	1.024	0	%100
3	M76	X	.097	.097	0	%100
4	M76	Z	.168	.168	0	%100
5	M77	X	.413	.413	0	%100
6	M77	Z	.715	.715	0	%100
7	M78	X	.709	.709	0	%100
8	M78	Z	1.229	1.229	0	%100
9	M79	X	.709	.709	0	%100
10	M79	Z	1.229	1.229	0	%100
11	M84	X	.035	.035	0	%100
12	M84	Z	.061	.061	0	%100
13	M85	X	.388	.388	0	%100
14	M85	Z	.673	.673	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	0	0	0	%100
19	M88	X	0	0	0	%100
20	M88	Z	0	0	0	%100
21	M93	X	0	0	0	%100
22	M93	Z	0	0	0	%100
23	M94	X	.097	.097	0	%100
24	M94	Z	.168	.168	0	%100
25	M95	X	.413	.413	0	%100
26	M95	Z	.715	.715	0	%100
27	M96	X	.709	.709	0	%100
28	M96	Z	1.229	1.229	0	%100
29	M97	X	.709	.709	0	%100
30	M97	Z	1.229	1.229	0	%100
31	M102	X	.035	.035	0	%100
32	M102	Z	.061	.061	0	%100
33	M103	X	.355	.355	0	%100
34	M103	Z	.614	.614	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	0	0	0	%100
37	M71	X	0	0	0	%100
38	M71	Z	0	0	0	%100
39	M72	X	.591	.591	0	%100
40	M72	Z	1.024	1.024	0	%100
41	M71A	X	0	0	0	%100
42	M71A	Z	0	0	0	%100
43	M72A	X	.355	.355	0	%100
44	M72A	Z	.614	.614	0	%100
45	MP1A	X	.225	.225	0	%100
46	MP1A	Z	.389	.389	0	%100
47	MP2A	X	.225	.225	0	%100
48	MP2A	Z	.389	.389	0	%100
49	MP3A	X	.225	.225	0	%100
50	MP3A	Z	.389	.389	0	%100
51	MP4A	X	.225	.225	0	%100
52	MP4A	Z	.389	.389	0	%100
53	MP5A	X	.225	.225	0	%100
54	MP5A	Z	.389	.389	0	%100
55	MP6A	X	.225	.225	0	%100
56	MP6A	Z	.389	.389	0	%100
57	MP7A	X	.225	.225	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP7A	Z	.389	.389	0	%100
59	MP8A	X	.225	.225	0	%100
60	MP8A	Z	.389	.389	0	%100
61	MP1B	X	.225	.225	0	%100
62	MP1B	Z	.389	.389	0	%100
63	MP2B	X	.225	.225	0	%100
64	MP2B	Z	.389	.389	0	%100
65	MP3B	X	.225	.225	0	%100
66	MP3B	Z	.389	.389	0	%100
67	MP4B	X	.225	.225	0	%100
68	MP4B	Z	.389	.389	0	%100
69	MP5B	X	.225	.225	0	%100
70	MP5B	Z	.389	.389	0	%100
71	MP6B	X	.225	.225	0	%100
72	MP6B	Z	.389	.389	0	%100
73	MP7B	X	.225	.225	0	%100
74	MP7B	Z	.389	.389	0	%100
75	MP8B	X	.225	.225	0	%100
76	MP8B	Z	.389	.389	0	%100
77	MP1C	X	.225	.225	0	%100
78	MP1C	Z	.389	.389	0	%100
79	MP2C	X	.225	.225	0	%100
80	MP2C	Z	.389	.389	0	%100
81	MP3C	X	.225	.225	0	%100
82	MP3C	Z	.389	.389	0	%100
83	MP4C	X	.225	.225	0	%100
84	MP4C	Z	.389	.389	0	%100
85	MP5C	X	.225	.225	0	%100
86	MP5C	Z	.389	.389	0	%100
87	MP6C	X	.225	.225	0	%100
88	MP6C	Z	.389	.389	0	%100
89	MP7C	X	.225	.225	0	%100
90	MP7C	Z	.389	.389	0	%100
91	OVP	X	.163	.163	0	%100
92	OVP	Z	.282	.282	0	%100
93	M126A	X	.035	.035	0	%100
94	M126A	Z	.061	.061	0	%100
95	M127A	X	.035	.035	0	%100
96	M127A	Z	.061	.061	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	M73	X	0	0	0	%100
2	M73	Z	1.576	1.576	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	1.1	1.1	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	1.892	1.892	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	1.892	1.892	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	.095	.095	0	%100
13	M85	X	0	0	0	%100
14	M85	Z	.583	.583	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,%]
15	M86	X	0	0	0	%100
16	M86	Z	.275	.275	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	.473	.473	0	%100
19	M88	X	0	0	0	%100
20	M88	Z	.473	.473	0	%100
21	M93	X	0	0	0	%100
22	M93	Z	.024	.024	0	%100
23	M94	X	0	0	0	%100
24	M94	Z	.583	.583	0	%100
25	M95	X	0	0	0	%100
26	M95	Z	.275	.275	0	%100
27	M96	X	0	0	0	%100
28	M96	Z	.473	.473	0	%100
29	M97	X	0	0	0	%100
30	M97	Z	.473	.473	0	%100
31	M102	X	0	0	0	%100
32	M102	Z	.024	.024	0	%100
33	M103	X	0	0	0	%100
34	M103	Z	.946	.946	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	.024	.024	0	%100
37	M71	X	0	0	0	%100
38	M71	Z	.394	.394	0	%100
39	M72	X	0	0	0	%100
40	M72	Z	.394	.394	0	%100
41	M71A	X	0	0	0	%100
42	M71A	Z	.236	.236	0	%100
43	M72A	X	0	0	0	%100
44	M72A	Z	.236	.236	0	%100
45	MP1A	X	0	0	0	%100
46	MP1A	Z	.449	.449	0	%100
47	MP2A	X	0	0	0	%100
48	MP2A	Z	.449	.449	0	%100
49	MP3A	X	0	0	0	%100
50	MP3A	Z	.449	.449	0	%100
51	MP4A	X	0	0	0	%100
52	MP4A	Z	.449	.449	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	.449	.449	0	%100
55	MP6A	X	0	0	0	%100
56	MP6A	Z	.449	.449	0	%100
57	MP7A	X	0	0	0	%100
58	MP7A	Z	.449	.449	0	%100
59	MP8A	X	0	0	0	%100
60	MP8A	Z	.449	.449	0	%100
61	MP1B	X	0	0	0	%100
62	MP1B	Z	.449	.449	0	%100
63	MP2B	X	0	0	0	%100
64	MP2B	Z	.449	.449	0	%100
65	MP3B	X	0	0	0	%100
66	MP3B	Z	.449	.449	0	%100
67	MP4B	X	0	0	0	%100
68	MP4B	Z	.449	.449	0	%100
69	MP5B	X	0	0	0	%100
70	MP5B	Z	.449	.449	0	%100
71	MP6B	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,%]
72	MP6B	Z	.449	.449	0	%100
73	MP7B	X	0	0	0	%100
74	MP7B	Z	.449	.449	0	%100
75	MP8B	X	0	0	0	%100
76	MP8B	Z	.449	.449	0	%100
77	MP1C	X	0	0	0	%100
78	MP1C	Z	.449	.449	0	%100
79	MP2C	X	0	0	0	%100
80	MP2C	Z	.449	.449	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	.449	.449	0	%100
83	MP4C	X	0	0	0	%100
84	MP4C	Z	.449	.449	0	%100
85	MP5C	X	0	0	0	%100
86	MP5C	Z	.449	.449	0	%100
87	MP6C	X	0	0	0	%100
88	MP6C	Z	.449	.449	0	%100
89	MP7C	X	0	0	0	%100
90	MP7C	Z	.449	.449	0	%100
91	OVP	X	0	0	0	%100
92	OVP	Z	.325	.325	0	%100
93	M126A	X	0	0	0	%100
94	M126A	Z	.024	.024	0	%100
95	M127A	X	0	0	0	%100
96	M127A	Z	.095	.095	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	M73	X	-.591	-.591	0	%100
2	M73	Z	1.024	1.024	0	%100
3	M76	X	-.097	-.097	0	%100
4	M76	Z	.168	.168	0	%100
5	M77	X	-.413	-.413	0	%100
6	M77	Z	.715	.715	0	%100
7	M78	X	-.709	-.709	0	%100
8	M78	Z	1.229	1.229	0	%100
9	M79	X	-.709	-.709	0	%100
10	M79	Z	1.229	1.229	0	%100
11	M84	X	-.035	-.035	0	%100
12	M84	Z	.061	.061	0	%100
13	M85	X	-.097	-.097	0	%100
14	M85	Z	.168	.168	0	%100
15	M86	X	-.413	-.413	0	%100
16	M86	Z	.715	.715	0	%100
17	M87	X	-.709	-.709	0	%100
18	M87	Z	1.229	1.229	0	%100
19	M88	X	-.709	-.709	0	%100
20	M88	Z	1.229	1.229	0	%100
21	M93	X	-.035	-.035	0	%100
22	M93	Z	.061	.061	0	%100
23	M94	X	-.388	-.388	0	%100
24	M94	Z	.673	.673	0	%100
25	M95	X	0	0	0	%100
26	M95	Z	0	0	0	%100
27	M96	X	0	0	0	%100
28	M96	Z	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,%]
29	M97	X	0	0	0	%100
30	M97	Z	0	0	0	%100
31	M102	X	0	0	0	%100
32	M102	Z	0	0	0	%100
33	M103	X	-.355	-.355	0	%100
34	M103	Z	.614	.614	0	%100
35	M107	X	-.035	-.035	0	%100
36	M107	Z	.061	.061	0	%100
37	M71	X	-.591	-.591	0	%100
38	M71	Z	1.024	1.024	0	%100
39	M72	X	0	0	0	%100
40	M72	Z	0	0	0	%100
41	M71A	X	-.355	-.355	0	%100
42	M71A	Z	.614	.614	0	%100
43	M72A	X	0	0	0	%100
44	M72A	Z	0	0	0	%100
45	MP1A	X	-.225	-.225	0	%100
46	MP1A	Z	.389	.389	0	%100
47	MP2A	X	-.225	-.225	0	%100
48	MP2A	Z	.389	.389	0	%100
49	MP3A	X	-.225	-.225	0	%100
50	MP3A	Z	.389	.389	0	%100
51	MP4A	X	-.225	-.225	0	%100
52	MP4A	Z	.389	.389	0	%100
53	MP5A	X	-.225	-.225	0	%100
54	MP5A	Z	.389	.389	0	%100
55	MP6A	X	-.225	-.225	0	%100
56	MP6A	Z	.389	.389	0	%100
57	MP7A	X	-.225	-.225	0	%100
58	MP7A	Z	.389	.389	0	%100
59	MP8A	X	-.225	-.225	0	%100
60	MP8A	Z	.389	.389	0	%100
61	MP1B	X	-.225	-.225	0	%100
62	MP1B	Z	.389	.389	0	%100
63	MP2B	X	-.225	-.225	0	%100
64	MP2B	Z	.389	.389	0	%100
65	MP3B	X	-.225	-.225	0	%100
66	MP3B	Z	.389	.389	0	%100
67	MP4B	X	-.225	-.225	0	%100
68	MP4B	Z	.389	.389	0	%100
69	MP5B	X	-.225	-.225	0	%100
70	MP5B	Z	.389	.389	0	%100
71	MP6B	X	-.225	-.225	0	%100
72	MP6B	Z	.389	.389	0	%100
73	MP7B	X	-.225	-.225	0	%100
74	MP7B	Z	.389	.389	0	%100
75	MP8B	X	-.225	-.225	0	%100
76	MP8B	Z	.389	.389	0	%100
77	MP1C	X	-.225	-.225	0	%100
78	MP1C	Z	.389	.389	0	%100
79	MP2C	X	-.225	-.225	0	%100
80	MP2C	Z	.389	.389	0	%100
81	MP3C	X	-.225	-.225	0	%100
82	MP3C	Z	.389	.389	0	%100
83	MP4C	X	-.225	-.225	0	%100
84	MP4C	Z	.389	.389	0	%100
85	MP5C	X	-.225	-.225	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,%]
86	MP5C	Z	.389	.389	0	%100
87	MP6C	X	-.225	-.225	0	%100
88	MP6C	Z	.389	.389	0	%100
89	MP7C	X	-.225	-.225	0	%100
90	MP7C	Z	.389	.389	0	%100
91	OVP	X	-.163	-.163	0	%100
92	OVP	Z	.282	.282	0	%100
93	M126A	X	0	0	0	%100
94	M126A	Z	0	0	0	%100
95	M127A	X	-.035	-.035	0	%100
96	M127A	Z	.061	.061	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	M73	X	-.341	-.341	0	%100
2	M73	Z	.197	.197	0	%100
3	M76	X	-.505	-.505	0	%100
4	M76	Z	.291	.291	0	%100
5	M77	X	-.238	-.238	0	%100
6	M77	Z	.138	.138	0	%100
7	M78	X	-.41	-.41	0	%100
8	M78	Z	.236	.236	0	%100
9	M79	X	-.41	-.41	0	%100
10	M79	Z	.236	.236	0	%100
11	M84	X	-.02	-.02	0	%100
12	M84	Z	.012	.012	0	%100
13	M85	X	0	0	0	%100
14	M85	Z	0	0	0	%100
15	M86	X	-.953	-.953	0	%100
16	M86	Z	.55	.55	0	%100
17	M87	X	-1.638	-1.638	0	%100
18	M87	Z	.946	.946	0	%100
19	M88	X	-1.638	-1.638	0	%100
20	M88	Z	.946	.946	0	%100
21	M93	X	-.082	-.082	0	%100
22	M93	Z	.047	.047	0	%100
23	M94	X	-.505	-.505	0	%100
24	M94	Z	.291	.291	0	%100
25	M95	X	-.238	-.238	0	%100
26	M95	Z	.138	.138	0	%100
27	M96	X	-.41	-.41	0	%100
28	M96	Z	.236	.236	0	%100
29	M97	X	-.41	-.41	0	%100
30	M97	Z	.236	.236	0	%100
31	M102	X	-.02	-.02	0	%100
32	M102	Z	.012	.012	0	%100
33	M103	X	-.205	-.205	0	%100
34	M103	Z	.118	.118	0	%100
35	M107	X	-.082	-.082	0	%100
36	M107	Z	.047	.047	0	%100
37	M71	X	-1.365	-1.365	0	%100
38	M71	Z	.788	.788	0	%100
39	M72	X	-.341	-.341	0	%100
40	M72	Z	.197	.197	0	%100
41	M71A	X	-.819	-.819	0	%100
42	M71A	Z	.473	.473	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,%]
43	M72A	X	-.205	-.205	0	%100
44	M72A	Z	.118	.118	0	%100
45	MP1A	X	-.389	-.389	0	%100
46	MP1A	Z	.225	.225	0	%100
47	MP2A	X	-.389	-.389	0	%100
48	MP2A	Z	.225	.225	0	%100
49	MP3A	X	-.389	-.389	0	%100
50	MP3A	Z	.225	.225	0	%100
51	MP4A	X	-.389	-.389	0	%100
52	MP4A	Z	.225	.225	0	%100
53	MP5A	X	-.389	-.389	0	%100
54	MP5A	Z	.225	.225	0	%100
55	MP6A	X	-.389	-.389	0	%100
56	MP6A	Z	.225	.225	0	%100
57	MP7A	X	-.389	-.389	0	%100
58	MP7A	Z	.225	.225	0	%100
59	MP8A	X	-.389	-.389	0	%100
60	MP8A	Z	.225	.225	0	%100
61	MP1B	X	-.389	-.389	0	%100
62	MP1B	Z	.225	.225	0	%100
63	MP2B	X	-.389	-.389	0	%100
64	MP2B	Z	.225	.225	0	%100
65	MP3B	X	-.389	-.389	0	%100
66	MP3B	Z	.225	.225	0	%100
67	MP4B	X	-.389	-.389	0	%100
68	MP4B	Z	.225	.225	0	%100
69	MP5B	X	-.389	-.389	0	%100
70	MP5B	Z	.225	.225	0	%100
71	MP6B	X	-.389	-.389	0	%100
72	MP6B	Z	.225	.225	0	%100
73	MP7B	X	-.389	-.389	0	%100
74	MP7B	Z	.225	.225	0	%100
75	MP8B	X	-.389	-.389	0	%100
76	MP8B	Z	.225	.225	0	%100
77	MP1C	X	-.389	-.389	0	%100
78	MP1C	Z	.225	.225	0	%100
79	MP2C	X	-.389	-.389	0	%100
80	MP2C	Z	.225	.225	0	%100
81	MP3C	X	-.389	-.389	0	%100
82	MP3C	Z	.225	.225	0	%100
83	MP4C	X	-.389	-.389	0	%100
84	MP4C	Z	.225	.225	0	%100
85	MP5C	X	-.389	-.389	0	%100
86	MP5C	Z	.225	.225	0	%100
87	MP6C	X	-.389	-.389	0	%100
88	MP6C	Z	.225	.225	0	%100
89	MP7C	X	-.389	-.389	0	%100
90	MP7C	Z	.225	.225	0	%100
91	OVP	X	-.282	-.282	0	%100
92	OVP	Z	.163	.163	0	%100
93	M126A	X	-.02	-.02	0	%100
94	M126A	Z	.012	.012	0	%100
95	M127A	X	-.02	-.02	0	%100
96	M127A	Z	.012	.012	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,%]

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,%]
1	M73	X	0	0	0	%100
2	M73	Z	0	0	0	%100
3	M76	X	-.777	-.777	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	0	0	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	0	0	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	0	0	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	0	0	0	%100
13	M85	X	-.194	-.194	0	%100
14	M85	Z	0	0	0	%100
15	M86	X	-.825	-.825	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	-1.419	-1.419	0	%100
18	M87	Z	0	0	0	%100
19	M88	X	-1.419	-1.419	0	%100
20	M88	Z	0	0	0	%100
21	M93	X	-.071	-.071	0	%100
22	M93	Z	0	0	0	%100
23	M94	X	-.194	-.194	0	%100
24	M94	Z	0	0	0	%100
25	M95	X	-.825	-.825	0	%100
26	M95	Z	0	0	0	%100
27	M96	X	-1.419	-1.419	0	%100
28	M96	Z	0	0	0	%100
29	M97	X	-1.419	-1.419	0	%100
30	M97	Z	0	0	0	%100
31	M102	X	-.071	-.071	0	%100
32	M102	Z	0	0	0	%100
33	M103	X	0	0	0	%100
34	M103	Z	0	0	0	%100
35	M107	X	-.071	-.071	0	%100
36	M107	Z	0	0	0	%100
37	M71	X	-1.182	-1.182	0	%100
38	M71	Z	0	0	0	%100
39	M72	X	-1.182	-1.182	0	%100
40	M72	Z	0	0	0	%100
41	M71A	X	-.709	-.709	0	%100
42	M71A	Z	0	0	0	%100
43	M72A	X	-.709	-.709	0	%100
44	M72A	Z	0	0	0	%100
45	MP1A	X	-.449	-.449	0	%100
46	MP1A	Z	0	0	0	%100
47	MP2A	X	-.449	-.449	0	%100
48	MP2A	Z	0	0	0	%100
49	MP3A	X	-.449	-.449	0	%100
50	MP3A	Z	0	0	0	%100
51	MP4A	X	-.449	-.449	0	%100
52	MP4A	Z	0	0	0	%100
53	MP5A	X	-.449	-.449	0	%100
54	MP5A	Z	0	0	0	%100
55	MP6A	X	-.449	-.449	0	%100
56	MP6A	Z	0	0	0	%100
57	MP7A	X	-.449	-.449	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,%]
58	MP7A	Z	0	0	0	%100
59	MP8A	X	-.449	-.449	0	%100
60	MP8A	Z	0	0	0	%100
61	MP1B	X	-.449	-.449	0	%100
62	MP1B	Z	0	0	0	%100
63	MP2B	X	-.449	-.449	0	%100
64	MP2B	Z	0	0	0	%100
65	MP3B	X	-.449	-.449	0	%100
66	MP3B	Z	0	0	0	%100
67	MP4B	X	-.449	-.449	0	%100
68	MP4B	Z	0	0	0	%100
69	MP5B	X	-.449	-.449	0	%100
70	MP5B	Z	0	0	0	%100
71	MP6B	X	-.449	-.449	0	%100
72	MP6B	Z	0	0	0	%100
73	MP7B	X	-.449	-.449	0	%100
74	MP7B	Z	0	0	0	%100
75	MP8B	X	-.449	-.449	0	%100
76	MP8B	Z	0	0	0	%100
77	MP1C	X	-.449	-.449	0	%100
78	MP1C	Z	0	0	0	%100
79	MP2C	X	-.449	-.449	0	%100
80	MP2C	Z	0	0	0	%100
81	MP3C	X	-.449	-.449	0	%100
82	MP3C	Z	0	0	0	%100
83	MP4C	X	-.449	-.449	0	%100
84	MP4C	Z	0	0	0	%100
85	MP5C	X	-.449	-.449	0	%100
86	MP5C	Z	0	0	0	%100
87	MP6C	X	-.449	-.449	0	%100
88	MP6C	Z	0	0	0	%100
89	MP7C	X	-.449	-.449	0	%100
90	MP7C	Z	0	0	0	%100
91	OVP	X	-.325	-.325	0	%100
92	OVP	Z	0	0	0	%100
93	M126A	X	-.071	-.071	0	%100
94	M126A	Z	0	0	0	%100
95	M127A	X	0	0	0	%100
96	M127A	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	M73	X	-.341	-.341	0	%100
2	M73	Z	-.197	-.197	0	%100
3	M76	X	-.505	-.505	0	%100
4	M76	Z	-.291	-.291	0	%100
5	M77	X	-.238	-.238	0	%100
6	M77	Z	-.138	-.138	0	%100
7	M78	X	-.41	-.41	0	%100
8	M78	Z	-.236	-.236	0	%100
9	M79	X	-.41	-.41	0	%100
10	M79	Z	-.236	-.236	0	%100
11	M84	X	-.02	-.02	0	%100
12	M84	Z	-.012	-.012	0	%100
13	M85	X	-.505	-.505	0	%100
14	M85	Z	-.291	-.291	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,%]
15	M86	X	-.238	-.238	0	%100
16	M86	Z	-.138	-.138	0	%100
17	M87	X	-.41	-.41	0	%100
18	M87	Z	-.236	-.236	0	%100
19	M88	X	-.41	-.41	0	%100
20	M88	Z	-.236	-.236	0	%100
21	M93	X	-.02	-.02	0	%100
22	M93	Z	-.012	-.012	0	%100
23	M94	X	0	0	0	%100
24	M94	Z	0	0	0	%100
25	M95	X	-.953	-.953	0	%100
26	M95	Z	-.55	-.55	0	%100
27	M96	X	-1.638	-1.638	0	%100
28	M96	Z	-.946	-.946	0	%100
29	M97	X	-1.638	-1.638	0	%100
30	M97	Z	-.946	-.946	0	%100
31	M102	X	-.082	-.082	0	%100
32	M102	Z	-.047	-.047	0	%100
33	M103	X	-.205	-.205	0	%100
34	M103	Z	-.118	-.118	0	%100
35	M107	X	-.02	-.02	0	%100
36	M107	Z	-.012	-.012	0	%100
37	M71	X	-.341	-.341	0	%100
38	M71	Z	-.197	-.197	0	%100
39	M72	X	-1.365	-1.365	0	%100
40	M72	Z	-.788	-.788	0	%100
41	M71A	X	-.205	-.205	0	%100
42	M71A	Z	-.118	-.118	0	%100
43	M72A	X	-.819	-.819	0	%100
44	M72A	Z	-.473	-.473	0	%100
45	MP1A	X	-.389	-.389	0	%100
46	MP1A	Z	-.225	-.225	0	%100
47	MP2A	X	-.389	-.389	0	%100
48	MP2A	Z	-.225	-.225	0	%100
49	MP3A	X	-.389	-.389	0	%100
50	MP3A	Z	-.225	-.225	0	%100
51	MP4A	X	-.389	-.389	0	%100
52	MP4A	Z	-.225	-.225	0	%100
53	MP5A	X	-.389	-.389	0	%100
54	MP5A	Z	-.225	-.225	0	%100
55	MP6A	X	-.389	-.389	0	%100
56	MP6A	Z	-.225	-.225	0	%100
57	MP7A	X	-.389	-.389	0	%100
58	MP7A	Z	-.225	-.225	0	%100
59	MP8A	X	-.389	-.389	0	%100
60	MP8A	Z	-.225	-.225	0	%100
61	MP1B	X	-.389	-.389	0	%100
62	MP1B	Z	-.225	-.225	0	%100
63	MP2B	X	-.389	-.389	0	%100
64	MP2B	Z	-.225	-.225	0	%100
65	MP3B	X	-.389	-.389	0	%100
66	MP3B	Z	-.225	-.225	0	%100
67	MP4B	X	-.389	-.389	0	%100
68	MP4B	Z	-.225	-.225	0	%100
69	MP5B	X	-.389	-.389	0	%100
70	MP5B	Z	-.225	-.225	0	%100
71	MP6B	X	-.389	-.389	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,%]
72	MP6B	Z	-.225	-.225	0	%100
73	MP7B	X	-.389	-.389	0	%100
74	MP7B	Z	-.225	-.225	0	%100
75	MP8B	X	-.389	-.389	0	%100
76	MP8B	Z	-.225	-.225	0	%100
77	MP1C	X	-.389	-.389	0	%100
78	MP1C	Z	-.225	-.225	0	%100
79	MP2C	X	-.389	-.389	0	%100
80	MP2C	Z	-.225	-.225	0	%100
81	MP3C	X	-.389	-.389	0	%100
82	MP3C	Z	-.225	-.225	0	%100
83	MP4C	X	-.389	-.389	0	%100
84	MP4C	Z	-.225	-.225	0	%100
85	MP5C	X	-.389	-.389	0	%100
86	MP5C	Z	-.225	-.225	0	%100
87	MP6C	X	-.389	-.389	0	%100
88	MP6C	Z	-.225	-.225	0	%100
89	MP7C	X	-.389	-.389	0	%100
90	MP7C	Z	-.225	-.225	0	%100
91	OVP	X	-.282	-.282	0	%100
92	OVP	Z	-.163	-.163	0	%100
93	M126A	X	-.082	-.082	0	%100
94	M126A	Z	-.047	-.047	0	%100
95	M127A	X	-.02	-.02	0	%100
96	M127A	Z	-.012	-.012	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	M73	X	-.591	-.591	0	%100
2	M73	Z	-1.024	-1.024	0	%100
3	M76	X	-.097	-.097	0	%100
4	M76	Z	-.168	-.168	0	%100
5	M77	X	-.413	-.413	0	%100
6	M77	Z	-.715	-.715	0	%100
7	M78	X	-.709	-.709	0	%100
8	M78	Z	-1.229	-1.229	0	%100
9	M79	X	-.709	-.709	0	%100
10	M79	Z	-1.229	-1.229	0	%100
11	M84	X	-.035	-.035	0	%100
12	M84	Z	-.061	-.061	0	%100
13	M85	X	-.388	-.388	0	%100
14	M85	Z	-.673	-.673	0	%100
15	M86	X	0	0	0	%100
16	M86	Z	0	0	0	%100
17	M87	X	0	0	0	%100
18	M87	Z	0	0	0	%100
19	M88	X	0	0	0	%100
20	M88	Z	0	0	0	%100
21	M93	X	0	0	0	%100
22	M93	Z	0	0	0	%100
23	M94	X	-.097	-.097	0	%100
24	M94	Z	-.168	-.168	0	%100
25	M95	X	-.413	-.413	0	%100
26	M95	Z	-.715	-.715	0	%100
27	M96	X	-.709	-.709	0	%100
28	M96	Z	-1.229	-1.229	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,%]
29	M97	X	-.709	-.709	0	%100
30	M97	Z	-1.229	-1.229	0	%100
31	M102	X	-.035	-.035	0	%100
32	M102	Z	-.061	-.061	0	%100
33	M103	X	-.355	-.355	0	%100
34	M103	Z	-.614	-.614	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	0	0	0	%100
37	M71	X	0	0	0	%100
38	M71	Z	0	0	0	%100
39	M72	X	-.591	-.591	0	%100
40	M72	Z	-1.024	-1.024	0	%100
41	M71A	X	0	0	0	%100
42	M71A	Z	0	0	0	%100
43	M72A	X	-.355	-.355	0	%100
44	M72A	Z	-.614	-.614	0	%100
45	MP1A	X	-.225	-.225	0	%100
46	MP1A	Z	-.389	-.389	0	%100
47	MP2A	X	-.225	-.225	0	%100
48	MP2A	Z	-.389	-.389	0	%100
49	MP3A	X	-.225	-.225	0	%100
50	MP3A	Z	-.389	-.389	0	%100
51	MP4A	X	-.225	-.225	0	%100
52	MP4A	Z	-.389	-.389	0	%100
53	MP5A	X	-.225	-.225	0	%100
54	MP5A	Z	-.389	-.389	0	%100
55	MP6A	X	-.225	-.225	0	%100
56	MP6A	Z	-.389	-.389	0	%100
57	MP7A	X	-.225	-.225	0	%100
58	MP7A	Z	-.389	-.389	0	%100
59	MP8A	X	-.225	-.225	0	%100
60	MP8A	Z	-.389	-.389	0	%100
61	MP1B	X	-.225	-.225	0	%100
62	MP1B	Z	-.389	-.389	0	%100
63	MP2B	X	-.225	-.225	0	%100
64	MP2B	Z	-.389	-.389	0	%100
65	MP3B	X	-.225	-.225	0	%100
66	MP3B	Z	-.389	-.389	0	%100
67	MP4B	X	-.225	-.225	0	%100
68	MP4B	Z	-.389	-.389	0	%100
69	MP5B	X	-.225	-.225	0	%100
70	MP5B	Z	-.389	-.389	0	%100
71	MP6B	X	-.225	-.225	0	%100
72	MP6B	Z	-.389	-.389	0	%100
73	MP7B	X	-.225	-.225	0	%100
74	MP7B	Z	-.389	-.389	0	%100
75	MP8B	X	-.225	-.225	0	%100
76	MP8B	Z	-.389	-.389	0	%100
77	MP1C	X	-.225	-.225	0	%100
78	MP1C	Z	-.389	-.389	0	%100
79	MP2C	X	-.225	-.225	0	%100
80	MP2C	Z	-.389	-.389	0	%100
81	MP3C	X	-.225	-.225	0	%100
82	MP3C	Z	-.389	-.389	0	%100
83	MP4C	X	-.225	-.225	0	%100
84	MP4C	Z	-.389	-.389	0	%100
85	MP5C	X	-.225	-.225	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,%]
86	MP5C	Z	-.389	-.389	0	%100
87	MP6C	X	-.225	-.225	0	%100
88	MP6C	Z	-.389	-.389	0	%100
89	MP7C	X	-.225	-.225	0	%100
90	MP7C	Z	-.389	-.389	0	%100
91	OVP	X	-.163	-.163	0	%100
92	OVP	Z	-.282	-.282	0	%100
93	M126A	X	-.035	-.035	0	%100
94	M126A	Z	-.061	-.061	0	%100
95	M127A	X	-.035	-.035	0	%100
96	M127A	Z	-.061	-.061	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	M73	Y	-.155	-5.37	0	1.52
2	M73	Y	-5.37	-8.547	1.52	3.04
3	M73	Y	-8.547	-5.72	3.04	4.56
4	M73	Y	-5.72	-1.769	4.56	6.08
5	M73	Y	-1.769	-.155	6.08	7.6
6	M86	Y	-.28	-5.282	0	1.156
7	M86	Y	-5.282	-8.109	1.156	2.312
8	M86	Y	-8.109	-6.535	2.312	3.469
9	M86	Y	-6.535	-4.341	3.469	4.625
10	M86	Y	-4.341	-2.313	4.625	5.781
11	M87	Y	-.793	-.793	.05	.368
12	M88	Y	-1.195	-.793	0	.417
13	M72	Y	-.172	-1.553	5.067	6.587
14	M72	Y	-1.553	-6.045	6.587	8.107
15	M72	Y	-6.045	-7.847	8.107	9.627
16	M72	Y	-7.847	-4.823	9.627	11.147
17	M72	Y	-4.823	-1.391	11.147	12.667
18	M73	Y	-.263	-1.356	5.067	6.587
19	M73	Y	-1.356	-4.478	6.587	8.107
20	M73	Y	-4.478	-7.646	8.107	9.627
21	M73	Y	-7.646	-5.838	9.627	11.147
22	M73	Y	-5.838	-.263	11.147	12.667
23	M95	Y	-1.088	-4.181	0	1.156
24	M95	Y	-4.181	-5.432	1.156	2.312
25	M95	Y	-5.432	-3.778	2.312	3.469
26	M95	Y	-3.778	-2.779	3.469	4.625
27	M95	Y	-2.779	-3.497	4.625	5.781
28	M96	Y	-.792	-.792	.05	.369
29	M97	Y	-.865	-.865	.054	.369
30	M71	Y	-1.351	-4.88	0	1.52
31	M71	Y	-4.88	-7.139	1.52	3.04
32	M71	Y	-7.139	-5.296	3.04	4.56
33	M71	Y	-5.296	-1.568	4.56	6.08
34	M71	Y	-1.568	-.176	6.08	7.6
35	M120	Y	6.067	-20.927	0	.25
36	M120	Y	-20.927	-72.187	.25	.5
37	M77	Y	-2.996	-4.531	0	1.156
38	M77	Y	-4.531	-6.496	1.156	2.312
39	M77	Y	-6.496	-8.086	2.312	3.469
40	M77	Y	-8.086	-5.258	3.469	4.625
41	M77	Y	-5.258	-.255	4.625	5.781
42	M78	Y	-.803	-.803	.049	.373

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	M79	Y	-.793	-.793	.05	.367
44	M71	Y	-.155	-1.769	5.067	6.587
45	M71	Y	-1.769	-5.717	6.587	8.107
46	M71	Y	-5.717	-8.537	8.107	9.627
47	M71	Y	-8.537	-5.362	9.627	11.147
48	M71	Y	-5.362	-.155	11.147	12.667
49	M72	Y	-1.386	-4.807	0	1.52
50	M72	Y	-4.807	-7.815	1.52	3.04
51	M72	Y	-7.815	-5.956	3.04	4.56
52	M72	Y	-5.956	-1.486	4.56	6.08
53	M72	Y	-1.486	-.171	6.08	7.6

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	M73	Y	-.327	-11.359	0	1.52
2	M73	Y	-11.359	-18.081	1.52	3.04
3	M73	Y	-18.081	-12.101	3.04	4.56
4	M73	Y	-12.101	-3.743	4.56	6.08
5	M73	Y	-3.743	-.327	6.08	7.6
6	M86	Y	-.591	-11.174	0	1.156
7	M86	Y	-11.174	-17.155	1.156	2.312
8	M86	Y	-17.155	-13.824	2.312	3.469
9	M86	Y	-13.824	-9.183	3.469	4.625
10	M86	Y	-9.183	-4.894	4.625	5.781
11	M87	Y	-1.678	-1.678	.05	.368
12	M88	Y	-2.528	-1.678	0	.417
13	M72	Y	-.363	-3.285	5.067	6.587
14	M72	Y	-3.285	-12.788	6.587	8.107
15	M72	Y	-12.788	-16.6	8.107	9.627
16	M72	Y	-16.6	-10.202	9.627	11.147
17	M72	Y	-10.202	-2.942	11.147	12.667
18	M73	Y	-.556	-2.869	5.067	6.587
19	M73	Y	-2.869	-9.472	6.587	8.107
20	M73	Y	-9.472	-16.174	8.107	9.627
21	M73	Y	-16.174	-12.349	9.627	11.147
22	M73	Y	-12.349	-.556	11.147	12.667
23	M95	Y	-2.301	-8.844	0	1.156
24	M95	Y	-8.844	-11.49	1.156	2.312
25	M95	Y	-11.49	-7.992	2.312	3.469
26	M95	Y	-7.992	-5.878	3.469	4.625
27	M95	Y	-5.878	-7.398	4.625	5.781
28	M96	Y	-1.675	-1.675	.05	.369
29	M97	Y	-1.83	-1.83	.054	.369
30	M71	Y	-2.858	-10.323	0	1.52
31	M71	Y	-10.323	-15.101	1.52	3.04
32	M71	Y	-15.101	-11.203	3.04	4.56
33	M71	Y	-11.203	-3.316	4.56	6.08
34	M71	Y	-3.316	-.373	6.08	7.6
35	M120	Y	12.833	-44.268	0	.25
36	M120	Y	-44.268	-152.703	.25	.5
37	M77	Y	-6.339	-9.586	0	1.156
38	M77	Y	-9.586	-13.741	1.156	2.312
39	M77	Y	-13.741	-17.105	2.312	3.469
40	M77	Y	-17.105	-11.122	3.469	4.625
41	M77	Y	-11.122	-.539	4.625	5.781
42	M78	Y	-1.7	-1.7	.049	.373

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,%]
43	M79	Y	-1.678	-1.678	.05	.367
44	M71	Y	-.327	-3.742	5.067	6.587
45	M71	Y	-3.742	-12.094	6.587	8.107
46	M71	Y	-12.094	-18.06	8.107	9.627
47	M71	Y	-18.06	-11.342	9.627	11.147
48	M71	Y	-11.342	-.327	11.147	12.667
49	M72	Y	-2.932	-10.169	0	1.52
50	M72	Y	-10.169	-16.532	1.52	3.04
51	M72	Y	-16.532	-12.6	3.04	4.56
52	M72	Y	-12.6	-3.143	4.56	6.08
53	M72	Y	-3.143	-.362	6.08	7.6

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N180	N179	N161	N156	Y	Two Way	-.005
2	N155	N159	N194	N193	Y	Two Way	-.005
3	N162	N158	N168	N169	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N180	N179	N161	N156	Y	Two Way	-.011
2	N155	N159	N194	N193	Y	Two Way	-.011
3	N162	N158	N168	N169	Y	Two Way	-.011

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [lb-ft]	LC	MY [lb-ft]	LC	MZ [lb-ft]	LC
1	N153A	max	4603.774	10	2897.109	13	-1352.31	7	6046.7...	1	3440.1	4	1827.572	4
2		min	-4529.035	4	-249.346	7	-4676.662	13	-2150....	7	-3482....	10	-1930.844	10
3	N171	max	366.742	12	2843.827	21	4665.758	12	1468.9...	2	3178.8...	12	1946.264	3
4		min	-4147.806	18	-320.713	3	-2640.415	6	-3435....	8	-3107....	6	-5305.736	9
5	N185	max	3942.901	20	2846.932	17	4524.157	2	1482.1...	12	3030.17	8	5293.362	5
6		min	-324.527	2	-274.083	11	-2620.251	8	-3297.81	6	-3047....	2	-1997.804	11
7	Totals:	max	5164.336	10	7641.547	24	4988.821	1						
8		min	-5164.356	4	3468.312	6	-4988.813	7						

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

	Mem...	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	Cb	Eqn
1	M73	C5X9	.269	6.069	5	.763	6.201	z	11	610...	855...	190...	112...	1...	H1...
2	M76	HSS4...	.803	0	10	.430	0	z	10	739...	835...	9909	9909	2...	H3...
3	M77	L4X4...	.709	2.891	13	.043	2.891	z	24	513...	777...	377...	777...	1...	H2...
4	M78	PL1/4...	.814	0	2	.083	.417	y	13	220...	283...	147...	206...	1...	H1...
5	M79	PL1/4...	.796	.417	12	.085	0	y	24	220...	283...	147...	206...	1...	H1...
6	M84	PL1/2...	.345	.625	13	.191	.625	y	22	552...	972...	101...	121...	1...	H1...
7	M85	HSS4...	.734	0	12	.386	0	z	6	739...	835...	9909	9909	2...	H3...
8	M86	L4X4...	.701	2.891	21	.043	2.891	z	21	513...	777...	377...	777...	1...	H2...
9	M87	PL1/4...	.831	0	10	.084	.417	y	21	220...	283...	147...	206...	1...	H1...
10	M88	PL1/4...	.809	.417	8	.084	0	y	20	220...	283...	147...	206...	1...	H1...
11	M93	PL1/2...	.339	.625	21	.187	.625	y	18	552...	972...	101...	121...	1...	H1...
12	M94	HSS4...	.713	0	2	.383	0	z	2	739...	835...	9909	9909	2...	H3...
13	M95	L4X4...	.678	2.891	17	.231	3.613	z	4	513...	777...	377...	778...	1...	H2...
14	M96	PL1/4...	.792	0	6	.726	.417	y	4	220...	283...	147...	206...	1...	H1...
15	M97	PL1/4...	.748	.417	4	.975	0	y	4	220...	283...	147...	206...	1...	H1...

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

	Mem...	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	Cb	Eqn
16	M102	PL1/2...	.350	.625	29	.174	.625	y	14	552..	972..	101..	121..	1...	H1...
17	M103	L3X3...	.342	.528	11	.064	.792	z	2	591..	576..	201..	399..	2...	H2...
18	M107	PL1/2...	.064	.795	11	.120	0	y	12	773..	972..	101..	121..	1...	H1...
19	M71	C5X9	.290	6.201	2	.811	6.201	z	8	610..	855..	190..	117..	1...	H1...
20	M72	C5X9	.278	6.069	9	.763	6.201	z	3	610..	855..	190..	109..	1...	H1...
21	M71A	L3X3...	.382	.528	6	.077	.792	z	10	591..	576..	201..	401..	2...	H2...
22	M72A	L3X3...	.380	.528	3	.067	.792	z	6	591..	576..	201..	404..	2...	H2...
23	MP1A	PIPE...	.276	4.062	10	.075	4.062		9	322..	441..	253..	253..	1...	H1...
24	MP2A	PIPE...	.226	4.563	10	.062	4.563		8	208..	321..	187..	187..	1...	H1...
25	MP3A	PIPE...	.211	4.062	10	.046	4.062		8	322..	441..	253..	253..	1...	H1...
26	MP4A	PIPE...	.222	4.911	10	.047	4.911		6	216..	321..	187..	187..	1...	H1...
27	MP5A	PIPE...	.287	4.062	2	.074	4.062		4	238..	321..	187..	187..	1...	H1...
28	MP6A	PIPE...	.235	4.062	4	.047	4.062		8	322..	441..	253..	253..	1...	H1...
29	MP7A	PIPE...	.319	4.563	4	.077	4.563		5	208..	321..	187..	187..	1...	H1...
30	MP8A	PIPE...	.296	4.062	5	.071	4.062		5	322..	441..	253..	253..	1...	H1...
31	MP1B	PIPE...	.298	4.062	2	.068	4.062		1	322..	441..	253..	253..	1...	H1...
32	MP2B	PIPE...	.240	4.563	2	.065	.688		11	208..	321..	187..	187..	1...	H1...
33	MP3B	PIPE...	.227	4.062	2	.055	4.062		10	322..	441..	253..	253..	1...	H1...
34	MP4B	PIPE...	.238	4.911	2	.059	4.911		10	216..	321..	187..	187..	1...	H1...
35	MP5B	PIPE...	.303	4.062	4	.087	4.062		3	238..	321..	187..	187..	1...	H1...
36	MP6B	PIPE...	.251	4.062	8	.045	4.062		12	322..	441..	253..	253..	1.5	H1...
37	MP7B	PIPE...	.327	4.563	8	.079	4.563		10	208..	321..	187..	187..	1...	H1...
38	MP8B	PIPE...	.323	4.062	9	.081	4.062		9	322..	441..	253..	253..	1...	H1...
39	MP1C	PIPE...	.302	4.062	12	.077	4.062		4	322..	441..	253..	253..	1...	H1...
40	MP2C	PIPE...	.242	4.563	6	.074	4.563		4	208..	321..	187..	187..	1...	H1...
41	MP3C	PIPE...	.230	4.062	6	.058	4.062		3	322..	441..	253..	253..	1...	H1...
42	MP4C	PIPE...	.247	4.911	6	.062	4.911		2	216..	321..	187..	187..	1...	H1...
43	MP5C	PIPE...	.287	4.062	11	.073	4.062		12	322..	441..	253..	253..	1...	H1...
44	MP6C	PIPE...	.296	4.563	12	.089	4.563		2	208..	321..	187..	187..	1...	H1...
45	MP7C	PIPE...	.340	4.062	12	.068	4.062		2	322..	441..	253..	253..	1...	H1...
46	OVP	PIPE...	.088	2	3	.017	2		3	306..	321..	187..	187..	2...	H1...
47	M126A	PL1/2...	.063	0	3	.109	0	y	8	773..	972..	101..	121..	1...	H1...
48	M127A	PL1/2...	.074	.795	3	.120	0	y	4	773..	972..	101..	121..	1...	H1...

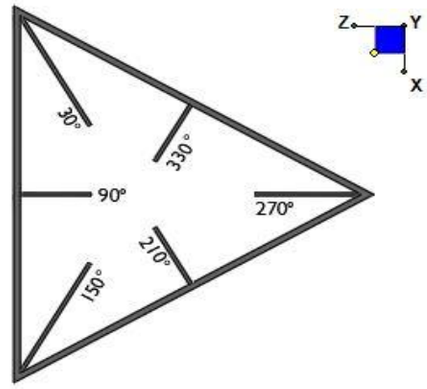
Client:	Verizon	Date:	4/29/2021
Site Name:	Durham CT		
Project No.	217777320A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

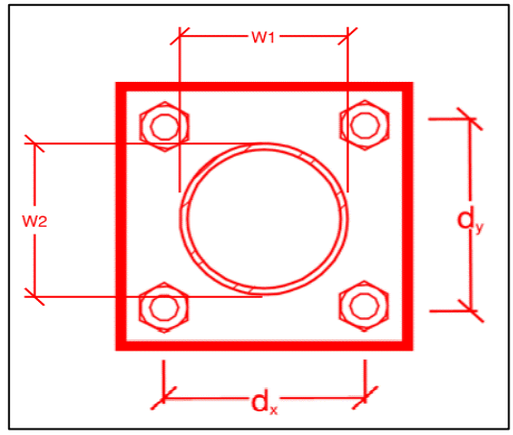
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N171	30
N153A	270
N185	150



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.5
Required Tensile Strength (kips):	27.8
Required Shear Strength (kips):	12.2
Tensile Strength / bolt (kips):	13.3
Shear Strength / bolt (kips):	8.0
Tensile Capacity Overall:	**52.5%***
Shear Capacity Overall:	**38.4%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	8
Plate Height (in):	8
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.75
Weld Size (1/16 in):	3
Phi*Rn (kip/in):	4.18
Required Weld Strength (kip/in):	3.72
Plate Bending Capacity:	**42.3%**
Weld Capacity:	**89.0%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	12.6
$Phi*Mn_{xx}$ *(kip-in)* :	36.5
Mu_{yy} *(kip-in)* :	2.9
$Phi*Mn_{yy}$ *(kip-in)* :	36.5

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

-Contractor shall install new ½" diameter U-bolts at all support rail to mount pipe connections where connection is missing as required.

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: 67765-VZW - DURHAM CT

Sector: **A** 4/29/2021

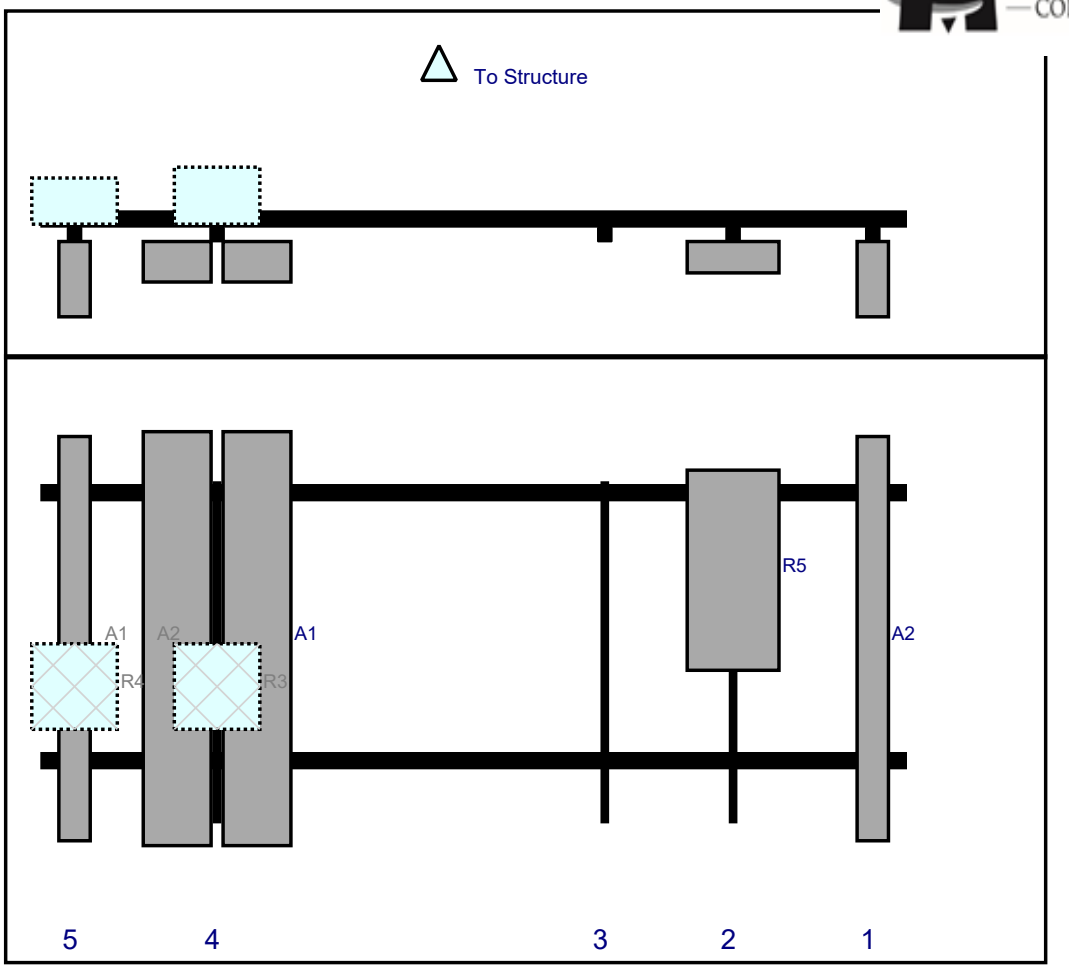
Structure Type: Monopole

Mount Elev: 96.50 Page: 1

MASER CONSULTING — CONNECTICUT —

Plan View

Front View
Looking at Structure

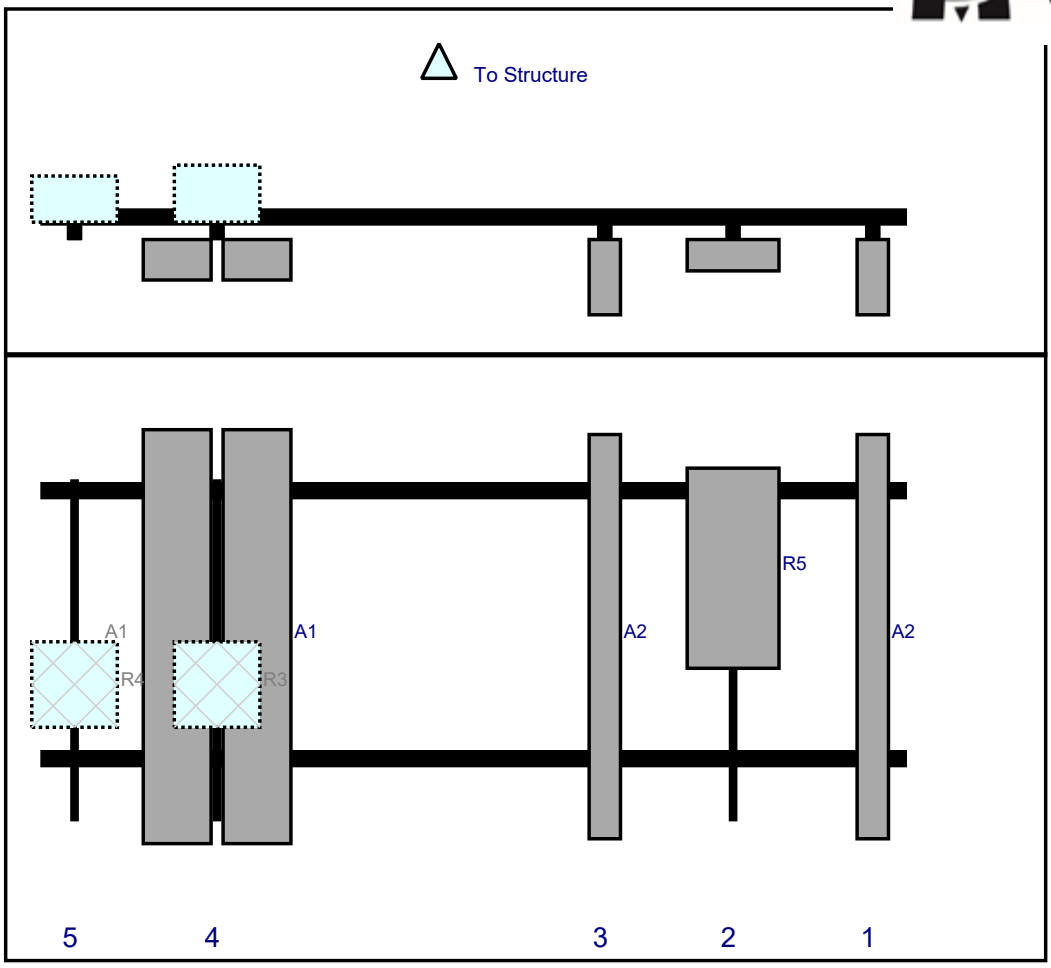


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	LPA-80080-6CF-EDIN-2	70.9	5.5	146	1	a	Front	27.6	0	Retained	03/24/2021
R5	MT6407-77A	35.1	16.1	121.5	2	a	Front	15.6	0	Added	
A1	SBNHH-1D65B	72.6	11.9	31	4	a	Front	27.6	7	Retained	03/24/2021
A1	SBNHH-1D65B	72.6	11.9	31	4	b	Front	27.6	-7	Retained	03/24/2021
R3	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	31	4	a	Behind	36	0	Added	
A2	LPA-80080-6CF-EDIN-2	70.9	5.5	6	5	a	Front	27.6	0	Retained	03/24/2021
R4	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	6	5	a	Behind	36	0	Added	

MASER CONSULTING — CONNECTICUT —

Plan View

Front View
Looking at Structure

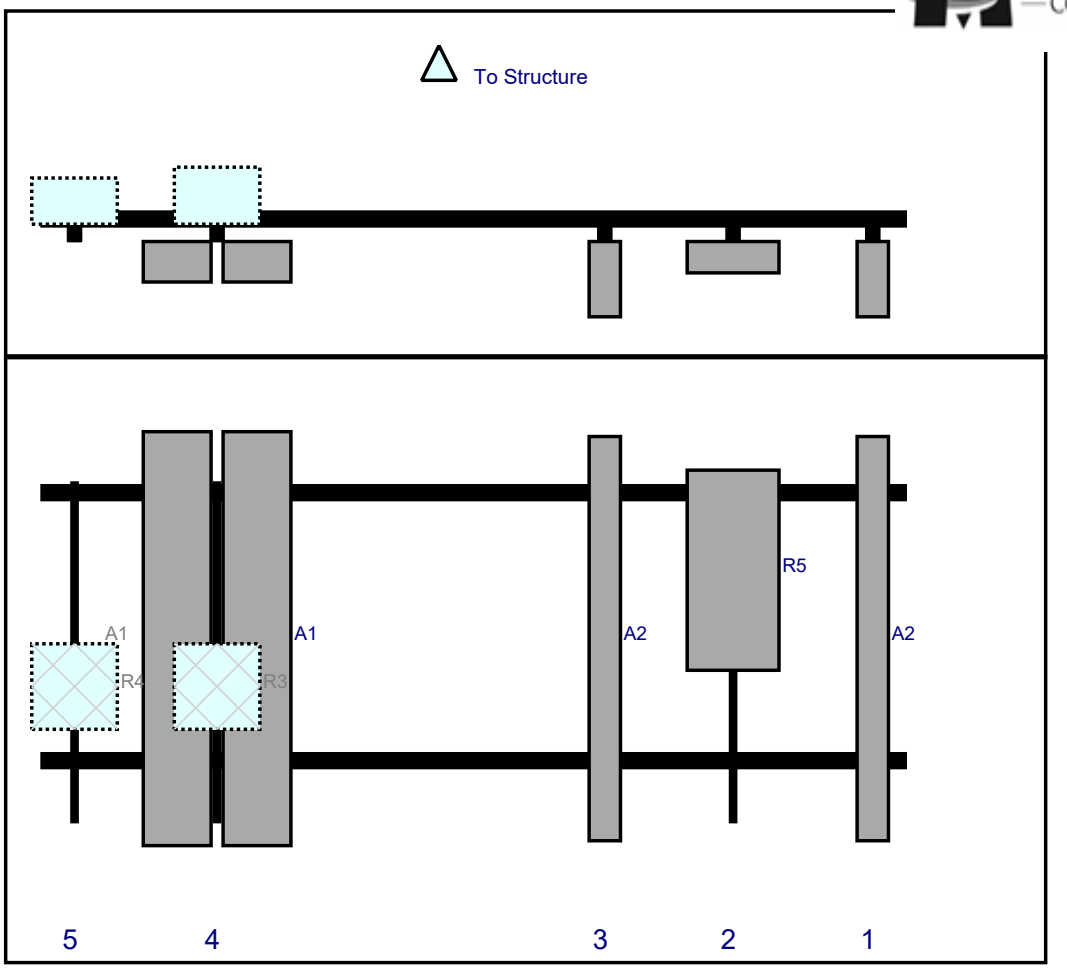


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	LPA-80080-6CF-EDIN-2	70.9	5.5	146	1	a	Front	27.6	0	Retained	03/24/2021
R5	MT6407-77A	35.1	16.1	121.5	2	a	Front	15.6	0	Added	
A2	LPA-80080-6CF-EDIN-2	70.9	5.5	99	3	a	Front	27.6	0	Retained	03/24/2021
A1	SBNHH-1D65B	72.6	11.9	31	4	a	Front	27.6	7	Retained	03/24/2021
A1	SBNHH-1D65B	72.6	11.9	31	4	b	Front	27.6	-7	Retained	03/24/2021
R3	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	31	4	a	Behind	36	0	Added	
R4	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	6	5	a	Behind	36	0	Added	

MASER CONSULTING CONNECTICUT

Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	LPA-80080-6CF-EDIN-2	70.9	5.5	146	1	a	Front	27.6	0	Retained	03/24/2021
R5	MT6407-77A	35.1	16.1	121.5	2	a	Front	15.6	0	Added	
A2	LPA-80080-6CF-EDIN-2	70.9	5.5	99	3	a	Front	27.6	0	Retained	03/24/2021
A1	SBNHH-1D65B	72.6	11.9	31	4	a	Front	27.6	7	Retained	03/24/2021
A1	SBNHH-1D65B	72.6	11.9	31	4	b	Front	27.6	-7	Retained	03/24/2021
R3	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	31	4	a	Behind	36	0	Added	
R4	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	6	5	a	Behind	36	0	Added	

Maser Consulting Connecticut

Subject:	*TIA-222-H Usage*	
Site Information	*Site ID:*	*467765-VZW / DURHAM CT*
	Site Name:	*DURHAM CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*101 Old Blue Hill Rd* *Durham, Connecticut 06422* *Middlesex County*
	Latitude:	*41.459353°*
	Longitude:	*-72.662731°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.67-Ft Platform*

To Whom It May Concern,

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

The 2021 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. The TIA-222-H is the latest revision of the TIA-222 Standard, effective as of January 01, 2018.

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

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

Sincerely,

Digitally signed by Justin Linette
Date: 2021.04.29 16:02:56-04'00'

Justin Linette, PE
Sr. Technical Manager

Exhibit F

Power Density/RF Emissions Report

Site Name: ***DURHAM CT***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)
VZW 700	751	4	689	2756	100	0.0099
VZW CDMA	877.26	2	451	902	100	0.0032
VZW Cellular	874	4	819	3278	100	0.0118
VZW PCS	1975	4	1557	6227	100	0.0224
VZW AWS	2120	4	1563	6251	100	0.0225
VZW CBAND	3730.08	4	6531	26125	100	0.0940

Total Percentage of Maximum Permissible Exposure

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Counci

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

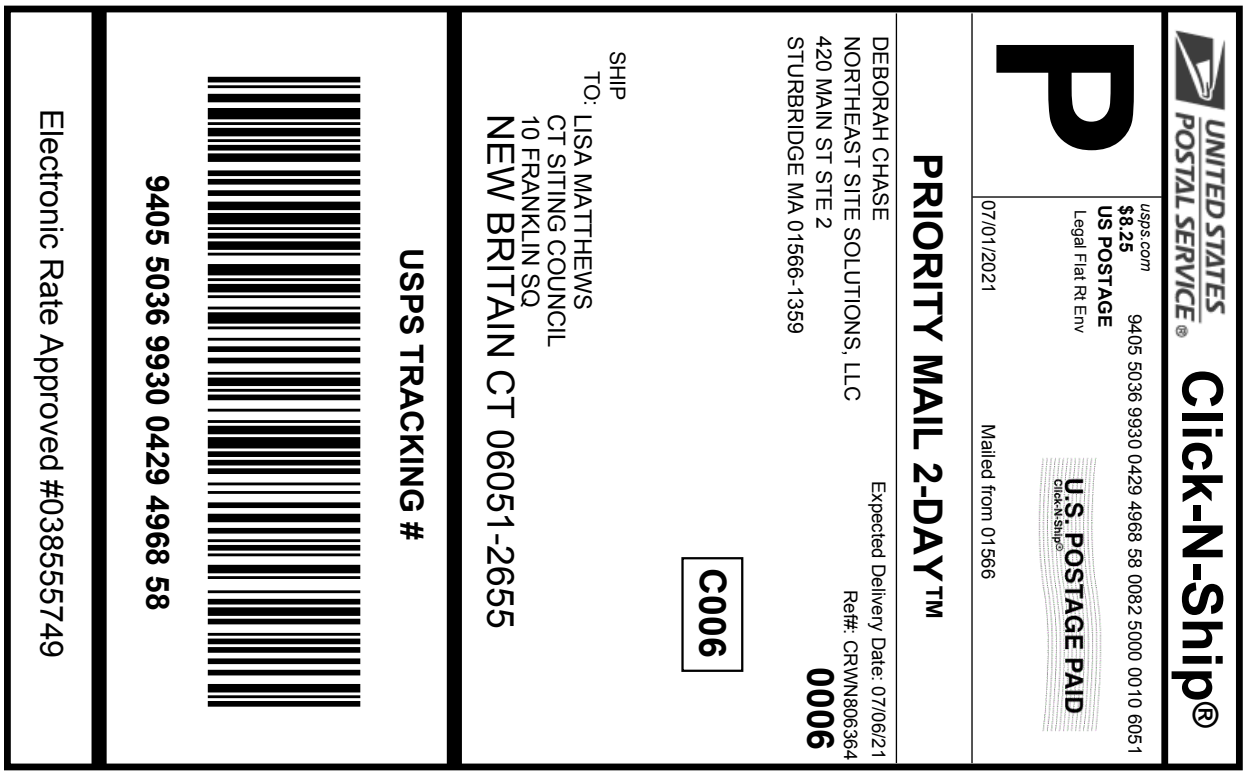
Absolute worst case maximum values used.

Maximum Permissible Exposure*	Fraction of MPE
(mW/cm^2)	(%)
0.5007	1.98%
0.5848	0.55%
0.5827	2.02%
1.0000	2.24%
1.0000	2.25%
1.0000	9.40%
	18.44%

/IEEE C95.1-199
il's November 10, 2015 Memorandum for Exempt Modification filing

Exhibit G

Recipient Mailings



Cut on dotted line.

Instructions

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

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0429 4968 58

Trans. #:	537156310
Print Date:	06/28/2021
Ship Date:	07/01/2021
Expected Delivery Date:	07/06/2021

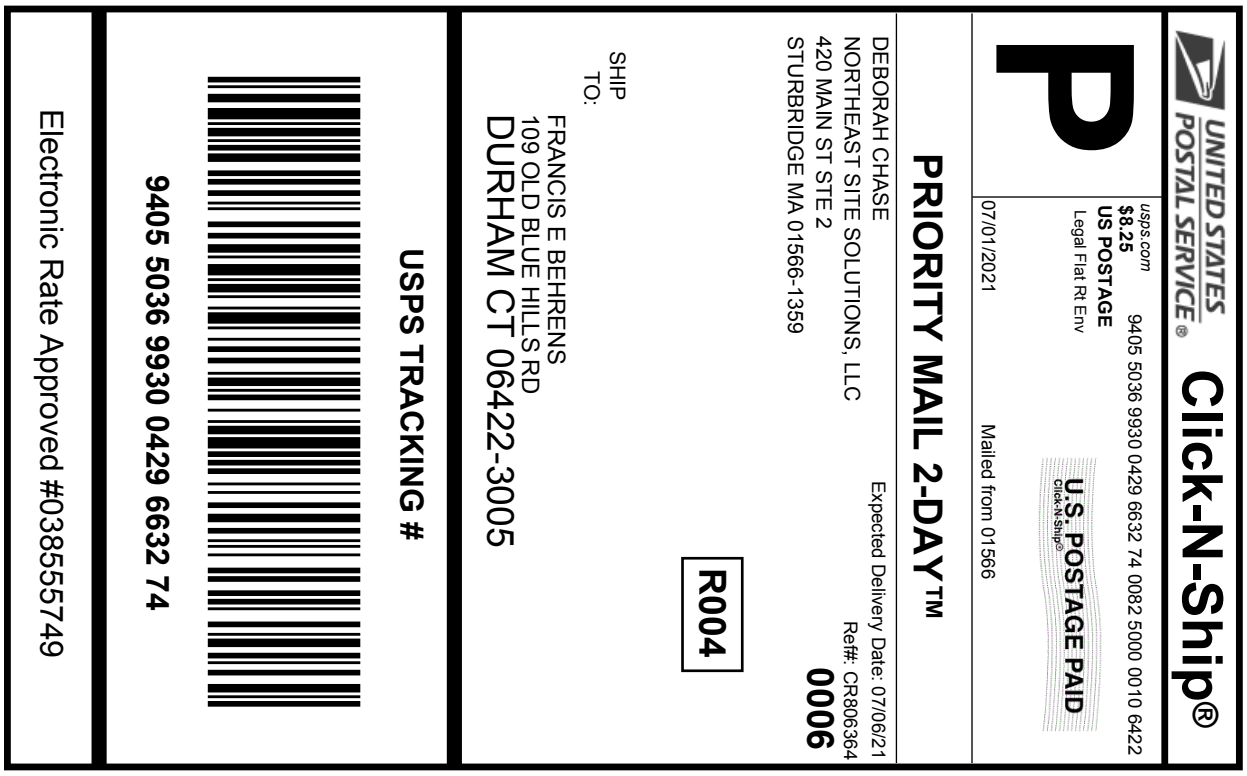
Priority Mail® Postage:	**$8.25**
Total:	**$8.25**

From: DEBORAH CHASE Ref#: CRWN806364
NORTHEAST SITE SOLUTIONS, LLC
420 MAIN ST STE 2
STURBRIDGE MA 01566-1359

To: LISA MATTHEWS
CT SITING COUNCIL
10 FRANKLIN SQ
NEW BRITAIN CT 06051-2655

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

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



Cut on dotted line.

Instructions

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2. **Place your label so it does not wrap around the edge of the package.**
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5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0429 6632 74

Trans. #:	537168921
Print Date:	06/28/2021
Ship Date:	07/01/2021
Expected Delivery Date:	07/06/2021

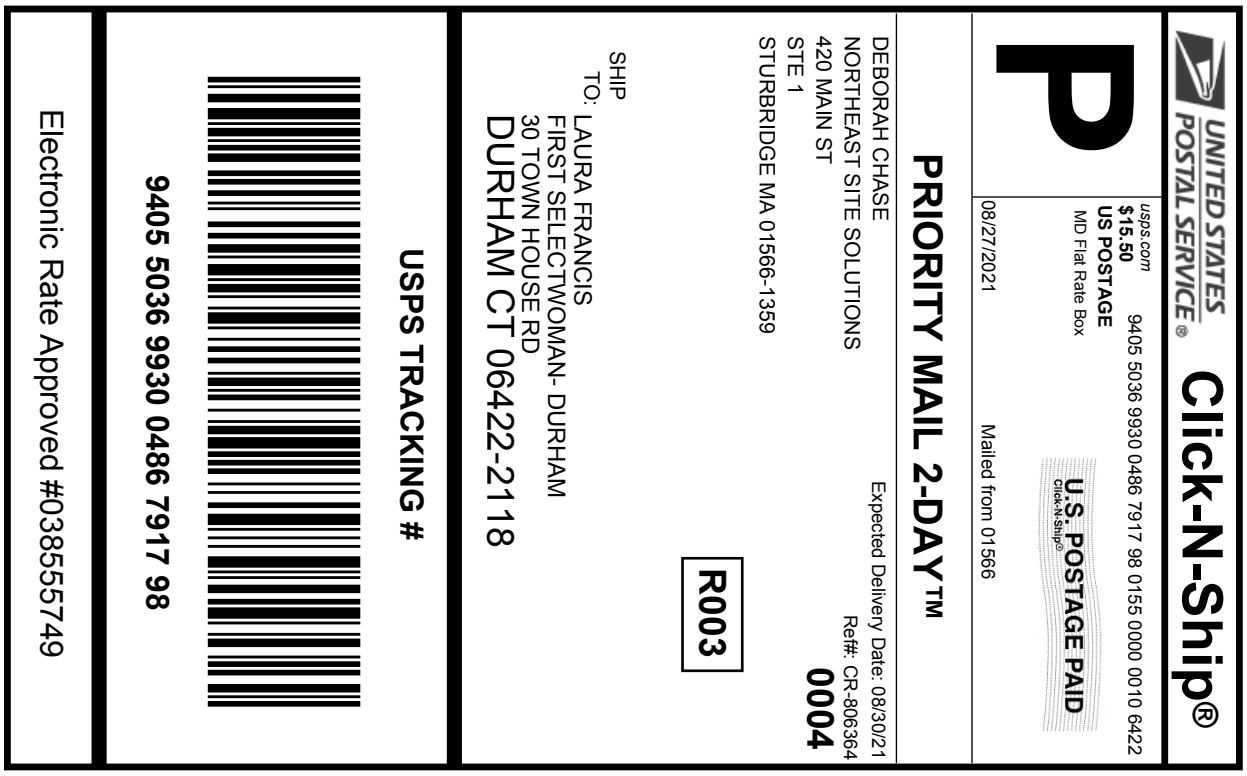
Priority Mail® Postage:	**$8.25**
Total:	**$8.25**

From: DEBORAH CHASE Ref#: CR806364
NORTHEAST SITE SOLUTIONS, LLC
420 MAIN ST STE 2
STURBRIDGE MA 01566-1359

To: FRANCIS E BEHRENS
109 OLD BLUE HILLS RD
DURHAM CT 06422-3005

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

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



Cut on dotted line.

Instructions

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

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0486 7917 98

Trans. #:	541888692
Print Date:	08/27/2021
Ship Date:	08/27/2021
Expected Delivery Date:	08/30/2021

Priority Mail® Postage:	**$15.50**
Total:	**$15.50**

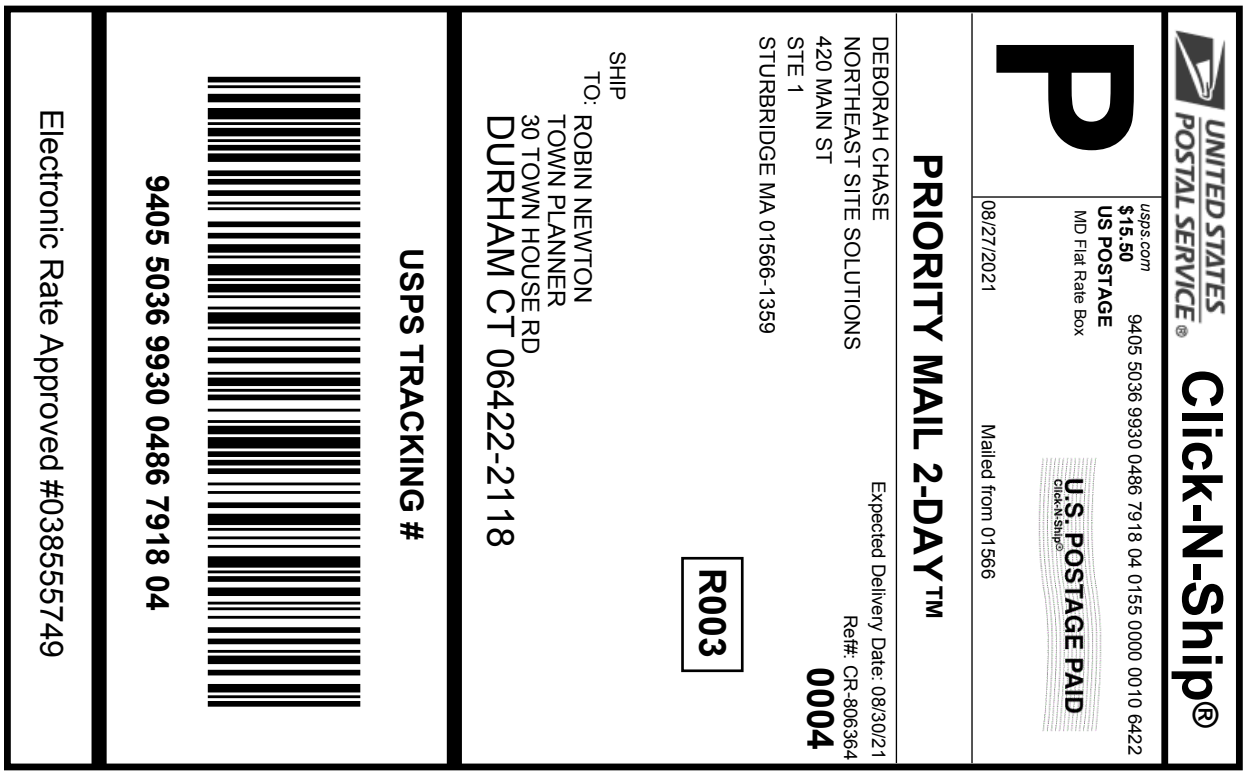
From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-806364

To: LAURA FRANCIS
FIRST SELECTWOMAN- DURHAM
30 TOWN HOUSE RD
DURHAM CT 06422-2118

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

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



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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0486 7918 04

Trans. #:	541888692
Print Date:	08/27/2021
Ship Date:	08/27/2021
Expected Delivery Date:	08/30/2021

Priority Mail® Postage:	**$15.50**
Total:	**$15.50**

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

Ref#: CR-806364

To: ROBIN NEWTON
TOWN PLANNER
30 TOWN HOUSE RD
DURHAM CT 06422-2118

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

Thank you for shipping with the United States Postal Service!
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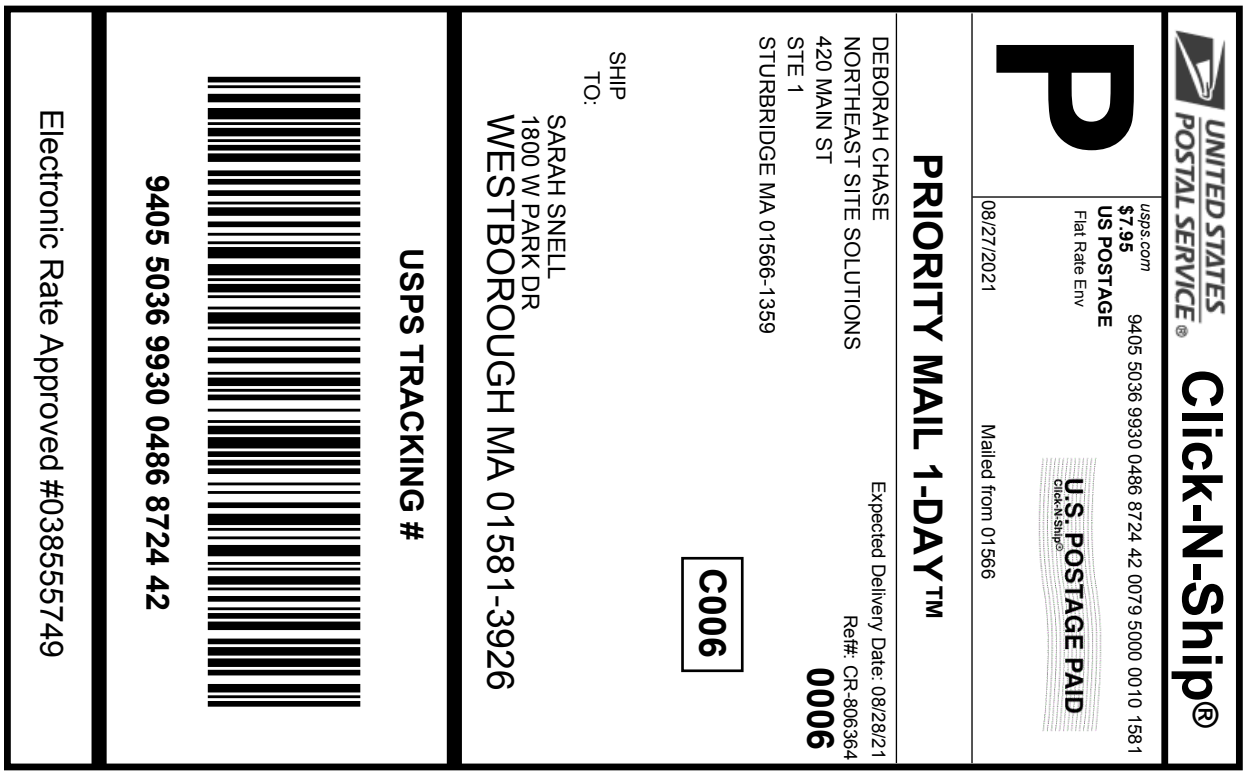

Cut on dotted line.

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5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0486 8724 42

Trans. #:	541894625
Print Date:	08/27/2021
Ship Date:	08/27/2021
Expected Delivery Date:	08/28/2021

Priority Mail® Postage:	**$7.95**
Total:	**$7.95**

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

Ref#: CR-806364

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

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

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

8063647

UNITED STATES POSTAL SERVICE.

FISKDALE
458 MAIN ST
FISKDALE, MA 01518-9998
(800)275-8777

08/27/2021 01:58 PM

Product	Qty	Unit Price	Price
Prepaid Mail Westborough, MA 01581 Weight: 0 lb 2.50 oz Acceptance Date: Fri 08/27/2021 Tracking #: 9405 5036 9930 0486 8724 42	1		$0.00
Prepaid Mail Durham, CT 06422 Weight: 3 lb 1.50 oz Acceptance Date: Fri 08/27/2021 Tracking #: 9405 5036 9930 0486 7917 98	1		$0.00
Prepaid Mail Durham, CT 06422 Weight: 3 lb 1.70 oz Acceptance Date: Fri 08/27/2021 Tracking #: 9405 5036 9930 0486 7918 04	1		$0.00
Grand Total:			$0.00

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USPS is experiencing unprecedented volume
increases and limited employee
availability due to the impacts of