NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

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

November 3, 2021

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

RE: Exempt Modification Application
126 Pioneer Heights Road, Somers, CT 06071
Latitude: 41.948888
Longitude: -72.491944
Site #: 806378_Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 126 Pioneer Heights Road, Somers, CT 06071. Verizon Wireless currently maintains fifteen (15) antennas at the 159-foot level of the existing 160-foot tower. The property is owned by Lena Farnham & Faye Gately and the tower is owned by Crown Castle. Verizon now intends to replace nine (9) antennas. The new antennas would be installed at the 159-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable. Antenna mount modifications will be completed as per the attached GPD / Maser mount analysis dated September 14, 2021.

Verizon Planned Modifications:

Remove:
(6) 1-5/8" Coax
(1) Hybrid Line

Remove and Replace:
(3) ANTEL BXA-70063-GCF Antennas (REMOVE) – (3) MT6407-77A Antennas (REPLACE)
(6) HBXX-6517DS-A2M Antennas (REMOVE) – (6) NHH-65B-R2B Antennas (REPLACE)
(3) Nokia B4 RRH (REMOVE) - (3) Samsung RF4439D-25A (REPLACE)
(3) Nokia B13 RRH (REMOVE) - (3) Samsung RF4440D-13A (REPLACE)
(1) Raycap OVP - (REMOVE) - (1) Raycap RVZDC-6627-PF-48 (REPLACE)

Install New:
(2) Hybrid Lines
(6) RET Cables

Existing to Remain:
(4) ANTEL Antennas
(2) RFS Antennas
(12) 1-5/8" Coax

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The facility was approved by the CT Siting Council, Docket No. 58, on July 11, 1986. 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 C.G. 'Bud' Knorr, Jr., First Selectman, and Jennifer Roy, Zoning Enforcement Officer for the Town of Somers. A copy is also being sent to the tower owner and property owner.

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

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

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

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

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

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

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

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

Sincerely,

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

NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

Attachments

Cc: C.G. 'Bud' Knorr, Jr., - First Selectman
Town of Somers
600 Main Street, Somers, CT 06071

Jennifer Roy - Zoning Enforcement Officer
Town of Somers
600 Main Street, Somers, CT 06071

Lena Farnham & Faye Gately – Property Owners
126 Pioneer Heights Road, Somers, CT 06071

Crown Castle, Tower Owner

Exhibit A

Original Facility Approval

DOCKET NO. 58

AN APPLICATION OF HARTFORD CELLULAR COPANY FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE, AND OPERATION OF FACILITIES TO PROVIDE CELLULAR SERVICE IN HARTFORD, TOLLAND AND MIDDLESEX COUNTIES.	CONNECTICUT SITING COUNCIL
	July 11, 1986.

D E C I S I O N A N D O R D E R

Pursuant to the foregoing opinion, the Connecticut Siting Council (Council) hereby directs that a Certificate of Environmental Compatibility and Public Need as provided by Section 16-50k of the General Statutes of Connecticut (CGS) be issued to the Hartford Cellular Company for the construction, maintenance, and operation of cellular mobile phone telecommunication towers and associated equipment in the towns of Glastonbury, Haddam, Hartford, Portland, Rocky Hill, Somers, Vernon, Windsor, and Willington subject to the conditions below.

1) The proposed Bloomfield and Middlefield sites are rejected without prejudice.

2) The antennas on the Glastonbury tower shall be mounted no higher than the 180' level of this existing tower.

3) The Portland and Rocky Hill towers shall be monopoles.

4) The towers shall be no taller than necessary to provide the proposed service, and in no event shall exceed total heights, including antennas, of

a) 193' at the Haddam site;

b) 173' at the Portland site;

c) 153' at the Rocky Hill site;

d) 173' at the Somers site;

e) 173' at the Vernon site;

f) 153' at the Willington site;

g) 173' at the Windsor site.

5) The Hartford site receive antennas shall be mounted below the top of the high point of the building to preclude visibility.

6) Any future actions requiring the removal of the existing Glastonbury tower to be shared by the certificate holder shall also apply to the equipment mounted on that tower by the certificate holder, regardless of that equipment's status under Chapter 277a of the CGS.

7) The certificate holder shall submit a development and management (D&M) plan for the Haddam, Portland, Rocky Hill, Somers, Vernon and Windsor sites pursuant to Sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies (RSA), except that irrelevant items in Section 16-50j-76 need only be identified as such. In addition to the requirements of Section 16-50j-76, the D&M plan shall provide plans for evergreen screening around the fenced perimeter at the Haddam, Somers, Vernon, and Windsor sites. The D&M plan shall include a proposal for painting the approved monopole structures to blend with the sky. The D&M plan must be approved prior to facility construction. Any changes to specifications in the D&M plan must be approved by the Council prior to facility operation.

8) All certified facilities shall be constructed, operated, and maintained as specified in the Council's record and in the

site plan required by order number 7.

9) The certificate holder shall comply with any future radiofrequency (RF) standards promulgated by state or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facilities granted in this decison shall continue to be in compliance with such standards.

10) The certificate holder shall permit public or private entities to share space on the towers approved herein, for due consideration received, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing. In addition to complying with Section 16-50j-73 of the RSA, the certificate holder shall notify the Council of the addition of any equipment to any approved tower.

11) A fence not lower than 8' shall surround each tower and associated equipment.

12) Unless necessary to comply with order 13, no lights shall be installed on any of these towers.

13) The facilities' construction and any future tower sharing shall be in accordance with all applicable federal, state, and municipal laws and regulations. Shared uses by entities not subject to jurisdiction pursuant to Section 16-50k of the CGS shall be subject to all applicable federal, state, and municipal laws and regulations.

14) Construction activities shall take place during daylight working hours.

15) This decision and order shall be void and the towers and associate equipment shall be dismantled and removed, or reapplication for any new use shall be made to the Council before any such new use is made, if the towers do not provide or permanently cease to provide cellular service following completion of construction.

16) This decision and order shall be void if all construction authorized herein is not completed within three years of the issuance of this decision, or within three years of the completion of any appeal if appeal of this decision is taken, unless otherwise approved by the Council.

Pursuant to CGS Section 16-50p, we hereby direct that a copy of the decision and order shall be served on each person listed below. A notice of the issuance shall be published in the Hartford Courant, Middletown Press, Manchester Journal Inquirer, and the Willimantic Chronicle.

The parties to the proceeding are:

Metro Mobile (applicant)
5 Eversley Avenue
Norwalk, Connecticut 06855
ATTN: Armand Mascioli
General Manager

Howard L. Slater, Esq. (its attorneys)
Scott A. Gursky, Esq.
Byrne, Slater,Sandler,
Shulman & Rouse, P.C.
111 Pearl Street
Hartford, Connecticut 06103

Richard Rubin, Esq.
Fleischman and Walsh, P.C.
1725 N Street, N.W.
Washington, D. C. 20036

Mr. William Wamester
1225 Randolph Road
Middletown, Connecticut 06457

The Southern New England Telephone Company
227 Church Street
New Haven, Connecticut 06506
ATTN: Peter J. Tyrrell, Esq.

Mr. James W. Tilney

represented by:
Patricia A. Ayars
Samuel Baily, Jr.
Robinson & Cole
One Commercial Plaza
Hartford, CT. 06103-3597

Mr. Samuel DuBosar, Chairman
Bessie Bennett, Esq.
Town Plan & Zoning Commission
P.O. Box 337
Bloomfield, Connecticut 06002

Town of Somers

represented by:

Mr. Robert F. Peters
Town Counsel
Tatoian, Devline, Peters
& Davis
11 South Road
P.O. Box 415
Somers, CT. 06071

Town of Haddam
represented by:

Lucy R. Petrella
Chairperson
Town Office Building
Route 9A
P.O. Box 87
Haddam, CT. 06438

Midstate Regional Planning Agency

represented by:

Thomas M.Gilligan
Regional Planner
P.O. Box 139
Middletown, CT. 06457

Dr. Donald P. LaSalle
Director
Talcott Mountain Science Center
Montevideo Road
Avon, Connecticut 06001

Barnard Tilson (service waived)
Secretary
Avon Planning and Zoning
60 West Main Street
Avon, Connecticut 06001

Alden Giddings
33 Privelege Road
Bloomfield, Connecticut 06002

Town of Bloomfield

represented by:

Joseph M.Suggs, Jr.
Deputy Mayor
Town Hall
880 Bloomfield Avenue
P.O. Box 337
Bloomfield, CT. 06002
(service waived)

Town of Middlefield represented by:

David Silverstone, Esq.
Silverstone & Koontz
37 Lewis Street
Hartford, CT. 06103

with a copy to:

Geoffrey Colegrove
Midstate Regional Planning Agency
100 DeKoven Drive
Middletown, CT. 06457

Zoning Commission represented by:
Town of Somers

Joseph A. Paradis
Chairman
Town Hall
600 Main Street
P.O. Box 803
Somers, CT. 06071

Barbara Sirwilo, Secretary (service waived)
Planning & Zoning Commission
Town of Rocky Hill
600 Old Main Street
P.O. Box 657
Rocky Hill, Connecticut 06067

H. Robert Goodrich (service waived)
Goodrich Lane
Portland, Connecticut 06480

The Honorable Richard P. Antonetti
State Representative (service waived)
5 Sachem Circle
Meriden, Connecticut 06450

John Hevrin
R.D. #1 - Plains Road
Haddam, Connecticut 06438

Norman and Darlene Manning (represented by)

Elizabeth Allen, Esq.
P.O. Box 467
Higganum, CT. 06441
(service waived)

C E R T I F I C A T I O N

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut, this 11th day of July, 1986.

Council Members	Vote Cast
Gloria Dibble Pond Chairperson	Absent
Commissioner John Downey Designee: Patricia Shea	Yes
Commissioner Stanley Pac Designee: Christopher Cooper	Yes
Owen L. Clark	Yes
Mortimer A. Gelston	Yes
James G. Horsfall	Yes
Pamela B. Katz	Absent
William H. Smith	Yes
Colin C. Tait	Yes

STATE OF CONNECTICUT)
: ss. New Britain, July 11, 1986
COUNTY OF HARTFORD)

I hereby certify that the foregoing is a true and correct copy of the decision and order issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:

Christopher S. Wood, Executive Director
Connecticut Siting Council

Exhibit B

Property Card

Town of Somers, CT

Property Listing Report

Map Block Lot	01-13-A	Building #	1	PID	1814	Account	00228200

Property Information

Property Location	126 PIONEER HEIGHTS
Owner	FARNHAM LENA G & FAYE F GATELY
Co-Owner	C/O CROWN ATLANTIC CO LLC
Mailing Address	PMB 353 4017 WASHINGTON R MCMURRAY PA 15317
Land Use	299 Vac Comm Lnd
Land Class	C
Zoning Code	A-1
Census Tract	5382.01

Neighborhood	C
Acreage	0.5
Utilities	
Lot Setting/Desc	
Book / Page	0280/0125
Additional Info	

Photo

Sketch

Primary Construction Details

Year Built	0
Building Desc.	Vac Comm Lnd
Building Style	UNKNOWN
Building Grade	
Stories	
Occupancy	
Exterior Walls	
Exterior Walls 2	NA
Roof Style	
Roof Cover	
Interior Walls	
Interior Walls 2	NA
Interior Floors 1	
Interior Floors 2	NA

Heating Fuel	
Heating Type	
AC Type	
Bedrooms	0
Full Bathrooms	0
Half Bathrooms	0
Extra Fixtures	0
Total Rooms	0
Bath Style	NA
Kitchen Style	NA
Fin Bsmt Area	0
Fin Bsmt Quality	0
Bsmt Gar	0
Fireplaces	0

(*Industrial / Commercial Details)

Building Use	Vacant
Building Condition	
Sprinkler %	NA
Heat / AC	NA
Frame Type	NA
Baths / Plumbing	NA
Ceiling / Wall	NA
Rooms / Prtns	NA
Wall Height	NA
First Floor Use	NA
Foundation	NA

Report Created On 11/19/2020

Town of Somers, CT

Property Listing Report

Map Block Lot	01-13-A	Building #	1	PID	1814	Account	00228200

Valuation Summary

(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	0	0
Extras	0	0
Improvements		
Outbuildings	111600	78200
Land	335000	234500
Total	446600	312700

Sub Areas

Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
Total Area	0	0

Outbuilding and Extra Features

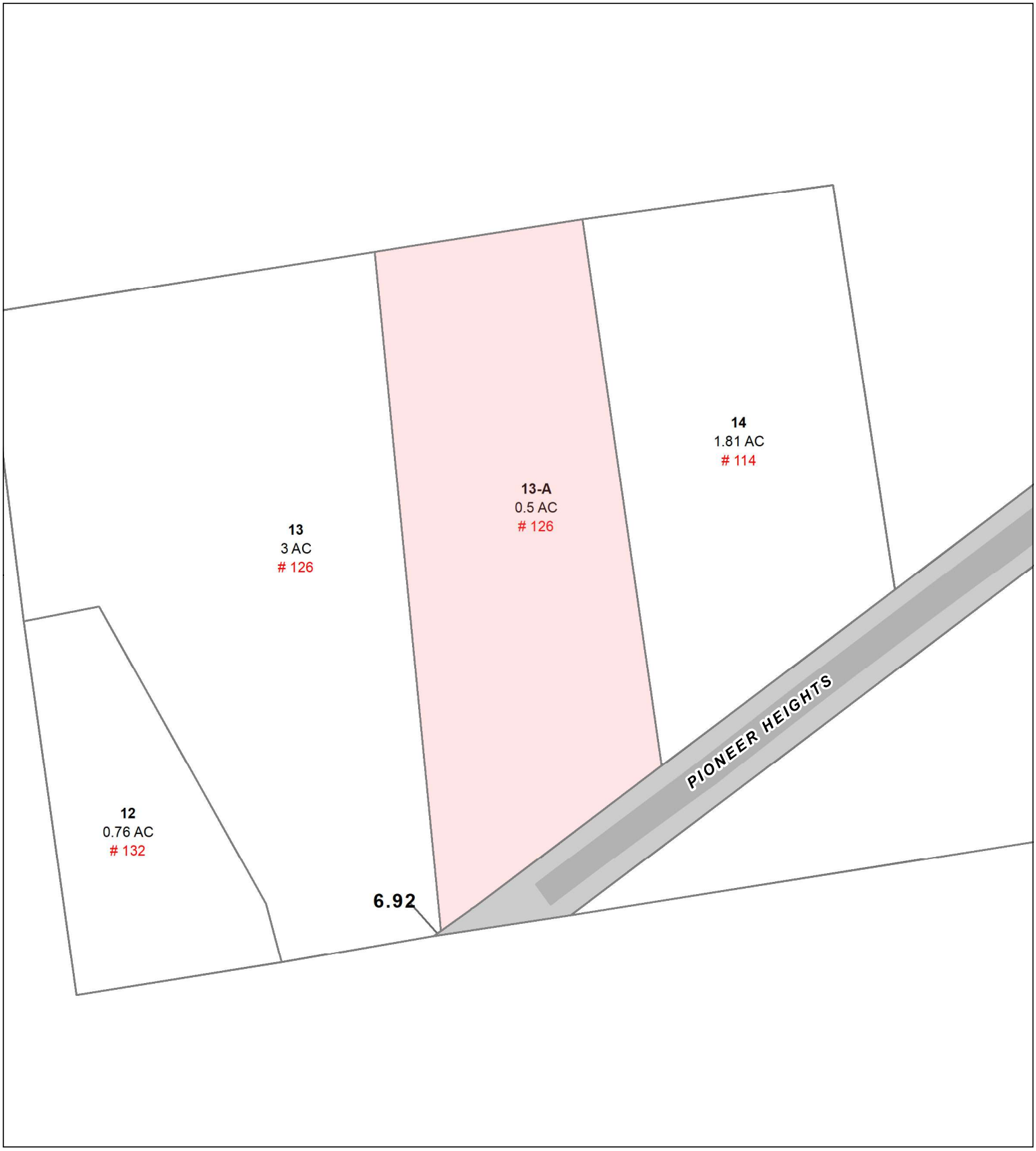
Type	Description
Fence, Chain	400 LF
PreCast Cell Shed	315 SF
PreCast Cell Shed	192 SF
Tower	160 LF
PreCast Cell Shed	200 SF

Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
FARNHAM LENA G & FAYE F GATELY	0280/0125	2008-08-21	0
FARNHAM CLARENCE D JR ET AL	0255/0671	2005-11-28	0

Town of Somers, Connecticut - Assessment Parcel Map

Parcel: 01-13-A **Address:** 126 PIONEER HEIGHTS



Map Produced June 2020

Approximate Scale: 1 inch = 100 feet

Exhibit C

Construction Drawings

VERIZON SITE NUMBER: 467177
VERIZON SITE NAME: SOMERS CT
SITE TYPE: SELF SUPPPORT TOWER
TOWER HEIGHT: 160'-0"

BUSINESS UNIT #: 806378
SITE ADDRESS: 126 PIONEER HEIGHTS RD SOMERS, CT 06071
COUNTY: TOLLAND
JURISDICTION: CONNECTICUT SITING COUNCIL

VERIZON 5G L-SUB6 - CARRIER ADD

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	HRT 086 943248
SITE ADDRESS:	126 PIONEER HEIGHTS RD SOMERS, CT 06071
COUNTY:	TOLLAND
MAP/PARCEL #:	01-13-A
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41.948883°
LONGITUDE:	-72.492097°
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	401'
CURRENT ZONING:	A-1
JURISDICTION:	CONNECTICUT SITING COUNCIL
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	FARNHAM LENA G & FAYE F GATELY PMB 353 4017 WASHINGTON R MCMURRAY, PA 15317
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492
ELECTRIC PROVIDER:	NORTHEAST UTILITIES
TELCO PROVIDER:	NOT PROVIDED

PROJECT TEAM

A&E FIRM:	B+T GROUP 1717 S BOULDER AVE, SUITE 300 TULSA, OK 74119 MARVIN PHILLIPS Marvin.Phillips@btgrp.com
CROWN CASTLE USA INC. DISTRICT CONTACTS:	3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065
VERIZON CONTACT:	TIMOTHY PARKS TIMOTHY.PARKS@VERIZONWIRELESS.COM

DRAWING INDEX

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

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

APPROVALS

SIGNATURE	DATE

CONTRACTOR PMI REQUIREMENTS

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

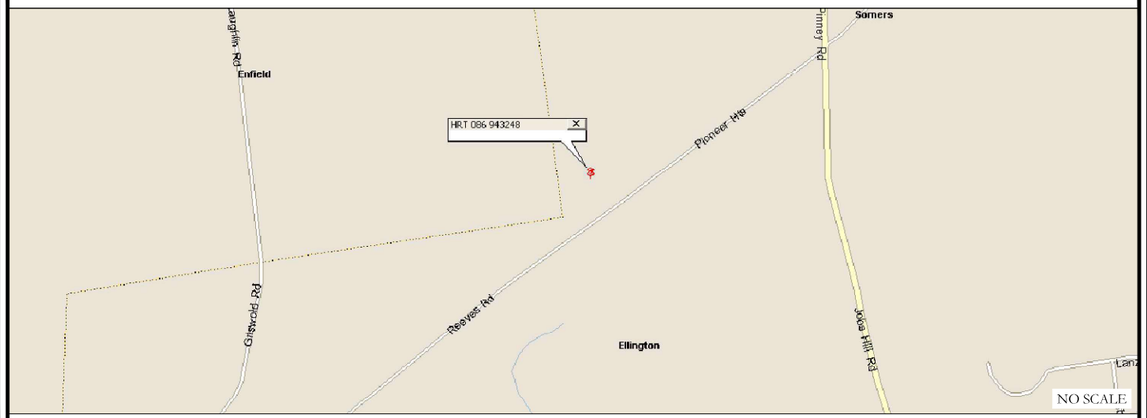
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	Y

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



DRIVING DIRECTIONS FROM BRADLEY INTERNATIONAL AIRPORT:

HEAD NORTH TOWARD BRADLEY INTERNATIONAL AIRPORT. SLIGHT LEFT ONTO BRADLEY INTERNATIONAL AIRPORT. CONTINUE STRAIGHT. CONTINUE ONTO BRADLEY INTERNATIONAL AIRPORT CON. CONTINUE ONTO CT-20 E/BRADLEY INTERNATIONAL AIRPORT CON. TAKE THE EXIT ON THE LEFT ONTO I-91 N TOWARD SPRINGFIELD. TAKE EXIT 45 FOR CT-140 TOWARD WAREHOUSE PT/ELLINGTON. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO CT-140 E. TURN RIGHT ONTO CT-140 E/MELROSE RD. CONTINUE TO FOLLOW CT-140 E. TURN LEFT ONTO REEVES RD.

APPLICABLE CODES/REFERENCE DOCUMENTS

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

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

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	B+T GROUP
DATED:	10/5/21
MOUNT ANALYSIS:	GPD ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION
DATED:	9/14/21
RFDS REVISION:	-
DATED:	8/27/21
ORDER ID:	589212
REVISION:	0

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

PROJECT DESCRIPTION

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

TOWER SCOPE OF WORK:
- REMOVE (9) ANTENNAS
- REMOVE (6) RADIOS
- REMOVE (1) PENDANT
- REMOVE (6) COAX CABLES
- REMOVE (1) HYBRID
- INSTALL (3) DUAL MOUNT BRACKET
- INSTALL (6) VZWSMART - CROSSOVER PLATE ASSEMBLY
- INSTALL (6) SITE PRO 1 - SPTB-NP - TIEBACK CONNECTION KIT
- INSTALL (3) 15'-0"± P2 STD PIPE TIEBACK PIPE
- INSTALL (3) 10'-0"± P2 STD PIPE TIEBACK PIPE
- INSTALL (3) 7'-0" P2.5 STD PIPE MOUNT PIPE
- INSTALL (9) ANTENNAS
- INSTALL (6) RADIOS
- INSTALL (1) PENDANT
- INSTALL (6) RET CABLES
- INSTALL (2) HYBRID CABLES

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER:
467177

BU #: **806378**
HRT 086 943248

126 PIONEER HEIGHTS RD
SOMERS, CT 06071

EXISTING 160'-0" SELF SUPPPORT TOWER

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	10/12/21	DDK	CONSTRUCTION	JTS

STATE OF CONNECTICUT
No. 23924
LICENSED
PROFESSIONAL ENGINEER
10/12/21

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

SHEET NUMBER: T-1

REVISION: 0

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

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

GENERAL NOTES:

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

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

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

GREENFIELD GROUNDING NOTES:

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

ELECTRICAL INSTALLATION NOTES:

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

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

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

APWA UNIFORM COLOR CODE:

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

ABBREVIATIONS:

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER:
467177

BU #: **806378**
HRT 086 943248

126 PIONEER HEIGHTS RD
SOMERS, CT 06071

EXISTING 160'-0" SELF SUPPPORT TOWER

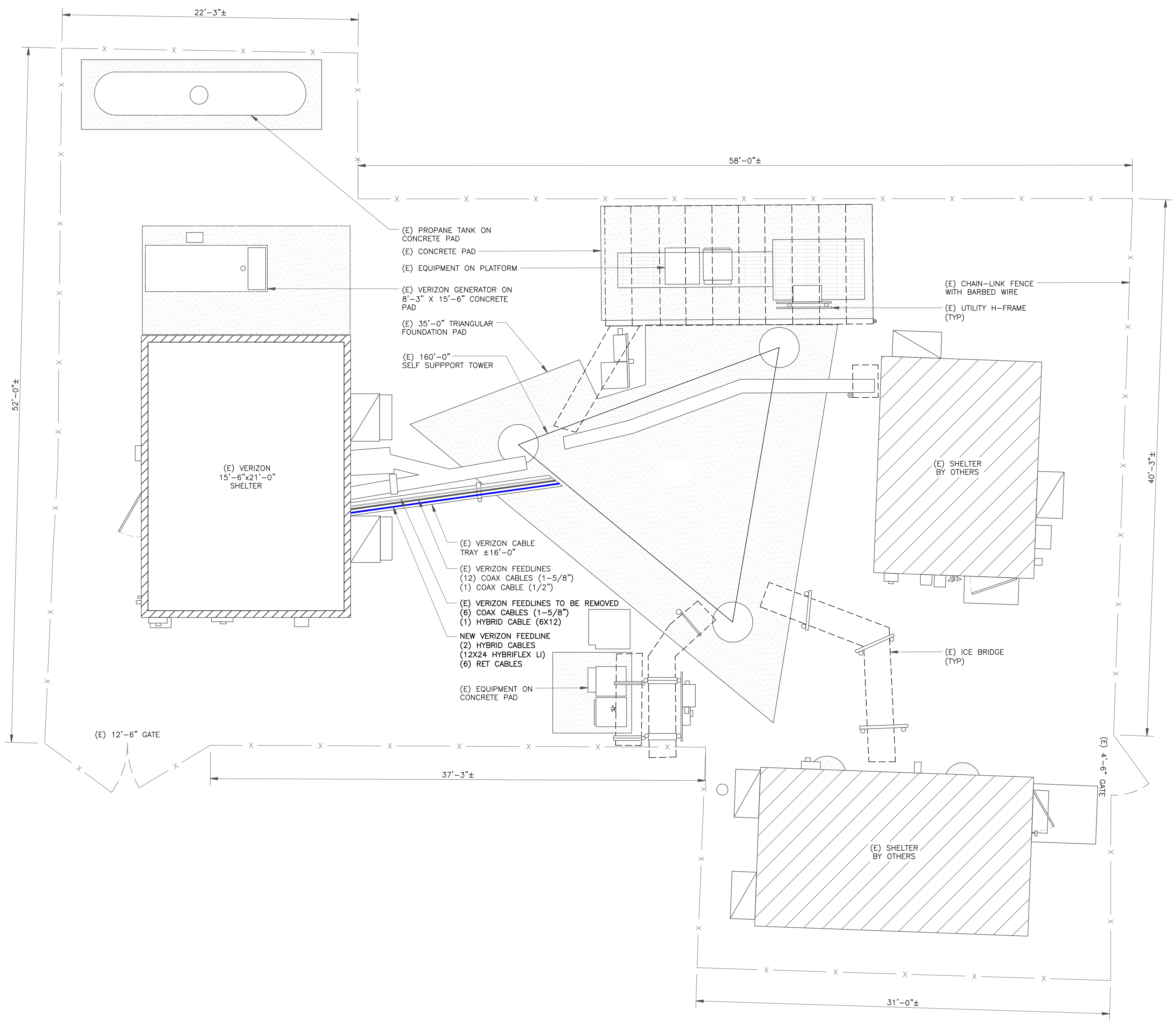
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	10/12/21	DDK	CONSTRUCTION	JTS

STATE OF CONNECTICUT CHAO LITTLE No. 23924 LICENSED PROFESSIONAL ENGINEER
10/12/21

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

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



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

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180 WASHINGTON VALLEY ROAD
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CROWN CASTLE
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BU #: **806378**
HRT 086 943248

126 PIONEER HEIGHTS RD
SOMERS, CT 06071

EXISTING 160'-0" SELF SUPPPORT TOWER

ISSUED FOR:

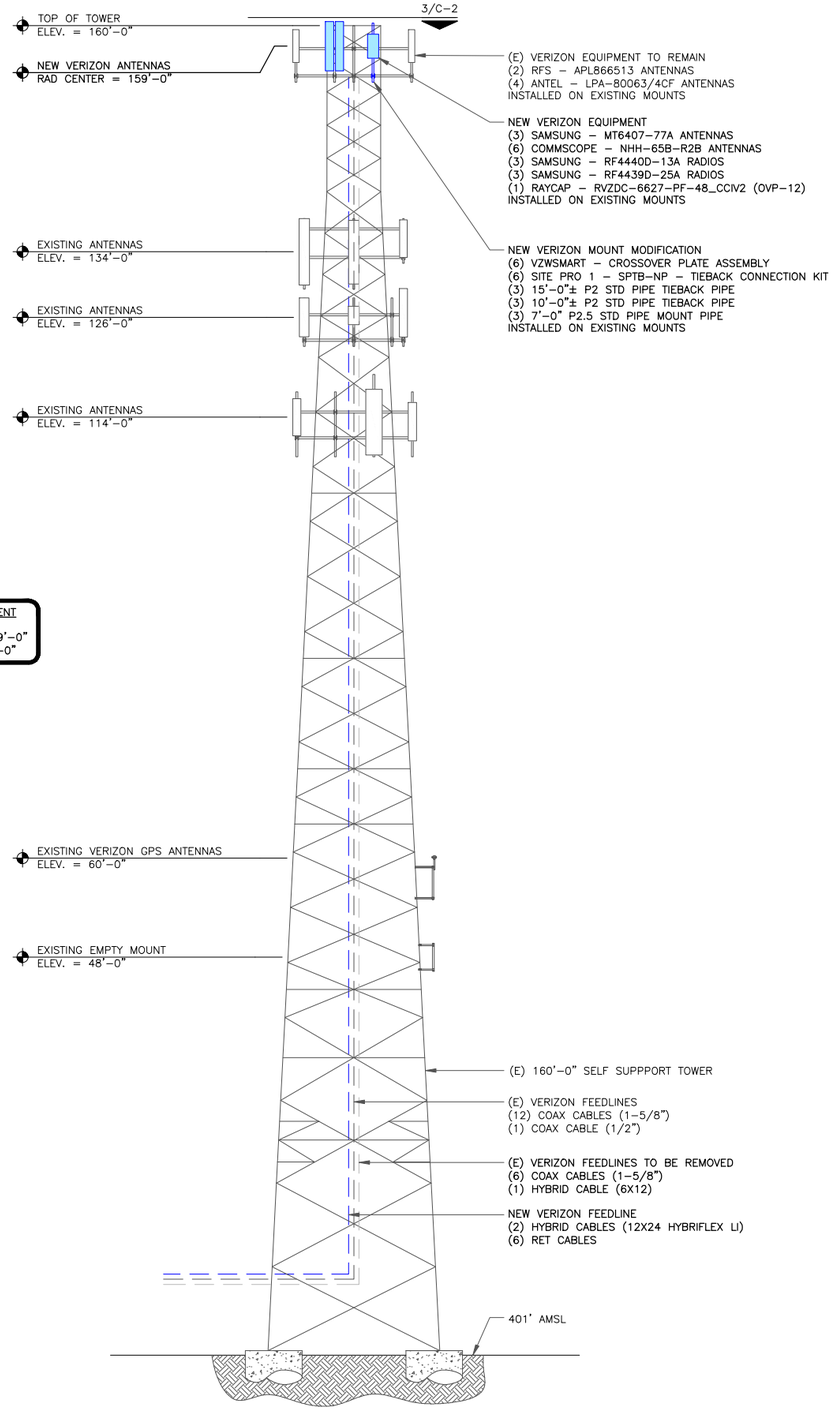
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	10/12/21	DDK	CONSTRUCTION	JTS

No. 28024
PROFESSIONAL ENGINEER
10/12/21

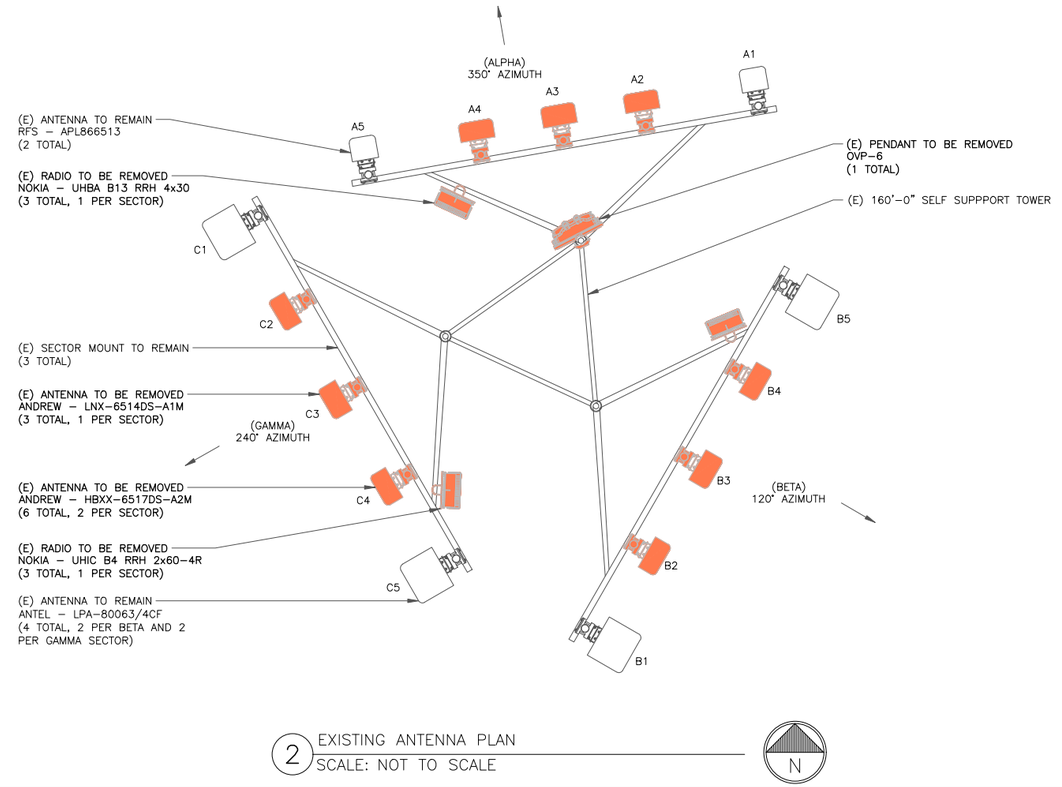
B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/22

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

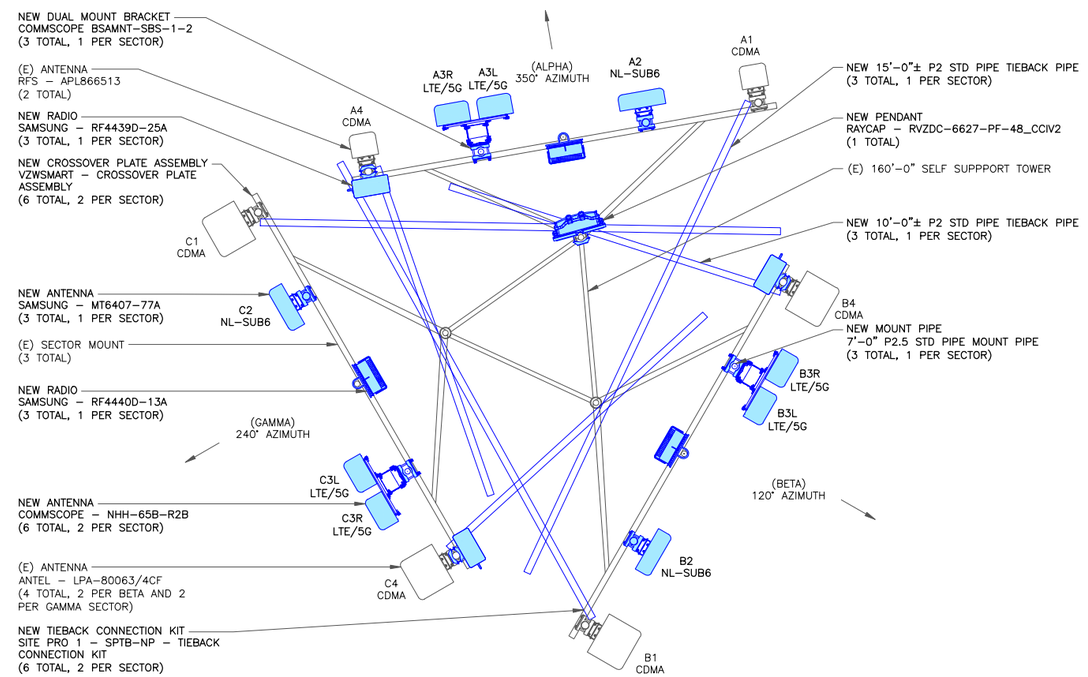
SHEET NUMBER: C-1
REVISION: 0



1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

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BEDMINSTER, NJ 07921

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SUITE 300
TULSA, OK 74119
PH: (918) 587-4630
www.btgrp.com

VERIZON SITE NUMBER:
467177

BU #: **806378**
HRT 086 943248

126 PIONEER HEIGHTS RD
SOMERS, CT 06071

EXISTING 160'-0" SELF SUPPPORT TOWER

ISSUED FOR:

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REVISION: 0

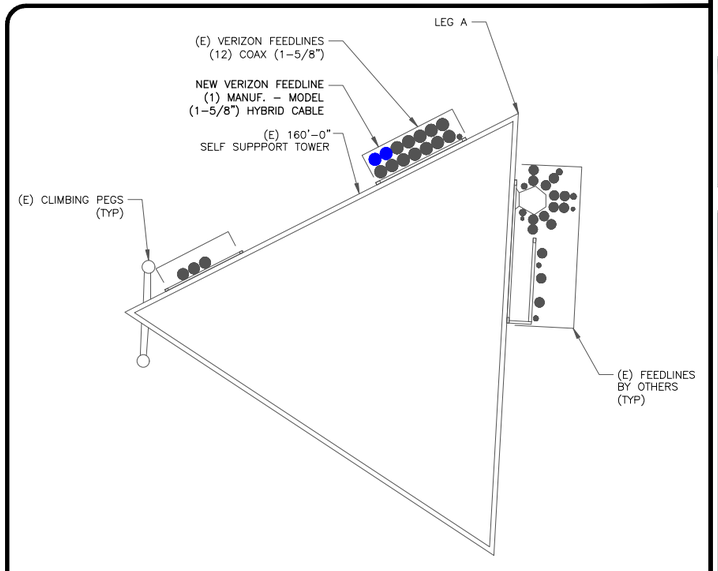
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	RFS	APL866513	159'-0"	350°	4°	6°	–	–
A2	NEW	SAMSUNG	MT6407-77A	159'-0"	350°	0°	6°	RAYCAP	(1) RVZDC-6627-PF-48_CCIV2 (OVP-12)
–	–	–	EMPTY MOUNT PIPE	–	–	–	–	–	–
A3L	NEW	COMMSCOPE	NHH-65B-R2B	159'-0"	350°	0°	4°/4°/4°/ 3°/3°	SAMSUNG	(1) RF4440D-13A
A3R	NEW	COMMSCOPE	NHH-65B-R2B	159'-0"	350°	0°	4°/4°/4°/ 3°/3°	SAMSUNG	(1) RF4439D-25A
A4	EXISTING	RFS	APL866513	159'-0"	350°	4°	6°	–	–
B1	EXISTING	ANTEL	LPA-80063/4CF	159'-0"	120°	0°	0°	–	–
B2	NEW	SAMSUNG	MT6407-77A	159'-0"	120°	0°	6°	–	–
–	–	–	EMPTY MOUNT PIPE	–	–	–	–	–	–
B3L	NEW	COMMSCOPE	NHH-65B-R2B	159'-0"	120°	0°	6°/6°/6°/ 3°/3°	SAMSUNG	(1) RF4440D-13A
B3R	NEW	COMMSCOPE	NHH-65B-R2B	159'-0"	120°	0°	6°/6°/6°/ 3°/3°	SAMSUNG	(1) RF4439D-25A
B4	EXISTING	ANTEL	LPA-80063/4CF	159'-0"	120°	0°	0°	–	–
C1	EXISTING	ANTEL	LPA-80063/4CF	159'-0"	240°	5°	5°	–	–
C2	NEW	SAMSUNG	MT6407-77A	159'-0"	240°	0°	6°	–	–
–	–	–	EMPTY MOUNT PIPE	–	–	–	–	–	–
C3L	NEW	COMMSCOPE	NHH-65B-R2B	159'-0"	240°	0°	7°/7°/7°/ 3°/3°	SAMSUNG	(1) RF4440D-13A
C3R	NEW	COMMSCOPE	NHH-65B-R2B	159'-0"	240°	0°	7°/7°/7°/ 3°/3°	SAMSUNG	(1) RF4439D-25A
C4	EXISTING	ANTEL	LPA-80063/4CF	159'-0"	240°	5°	5°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	208'-0"±	12
EXISTING	HYBRID	1/2"	110'-0"±	1
NEW	HYBRID	12X24	208'-0"±	2
NEW	RET	–	–	6
TOTAL CABLE QTY:				21



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

N

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VERIZON SITE NUMBER:
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BU #: **806378**
HRT 086 943248

126 PIONEER HEIGHTS RD
SOMERS, CT 06071

EXISTING 160'-0" SELF SUPPPORT TOWER

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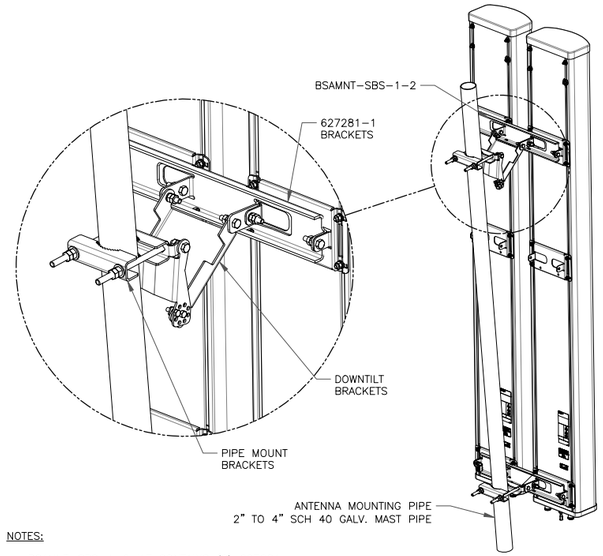
SHEET NUMBER: C-3

REVISION: 0

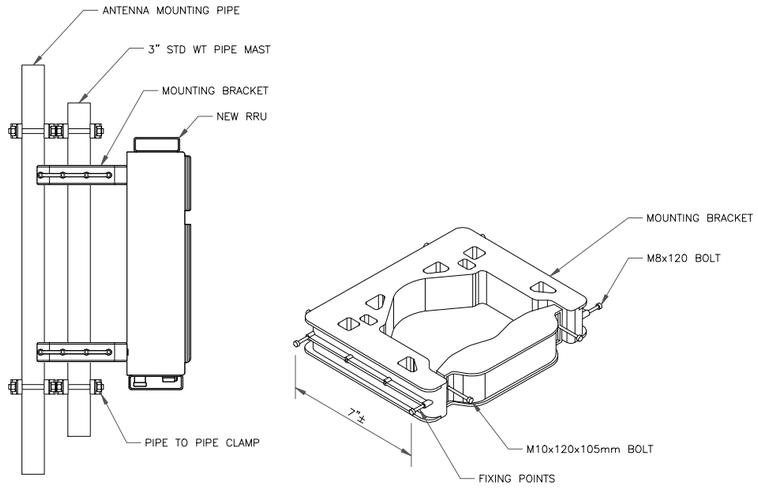


NOTES:

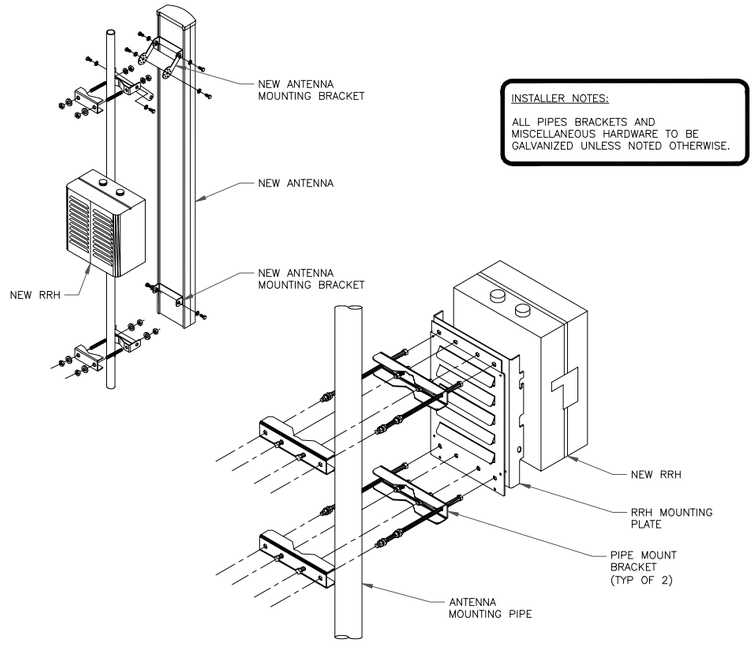
- BSAMNT-SBS-1-2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

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

2 NOT USED
SCALE: NOT TO SCALE



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



INSTALLER NOTES:

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

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

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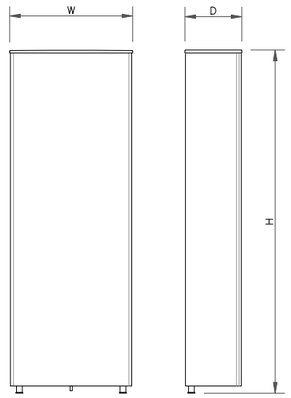
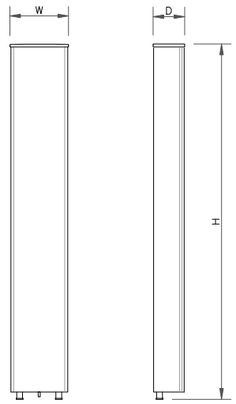
SHEET NUMBER: C-4

REVISION: 0



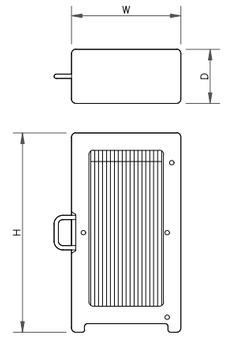
ANTENNA SPECS	
MANUFACTURER	SAMSUNG
MODEL #	MT6407-77A
WIDTH	16.06"
DEPTH	5.51"
HEIGHT	35.06"
WEIGHT	81.57 LBS

1 ANTENNA SPECS
SCALE: NOT TO SCALE



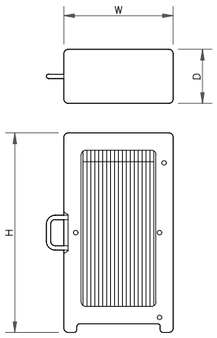
ANTENNA SPECS	
MANUFACTURER	COMMSCOPE
MODEL #	NHH-65B-R2B
WIDTH	11.9"
DEPTH	7.1"
HEIGHT	72"
WEIGHT	49.30 LBS

2 RADIO SPECS
SCALE: NOT TO SCALE



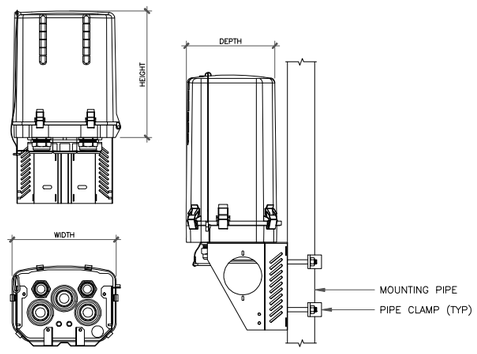
RRU SPECIFICATIONS	
MANUFACTURER	SAMSUNG
MODEL #	RF4439D-25A
WIDTH	14.96"
DEPTH	10.04"
HEIGHT	14.96"
WEIGHT	74.7 LBS

3 RADIO SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS	
MANUFACTURER	SAMSUNG
MODEL #	RF4440D-13A
WIDTH	14.96"
DEPTH	10.04"
HEIGHT	14.96"
WEIGHT	72.5 LBS

4 RADIO SPECS
SCALE: NOT TO SCALE



PENDANT SPECIFICATIONS	
MANUFACTURER	RAYCAP
MODEL #	RVZDC-6627-PF-48_CCI V2
WIDTH	16.5"
DEPTH	12.6"
HEIGHT	29.5"
WEIGHT	32 LBS

5 NOT USED
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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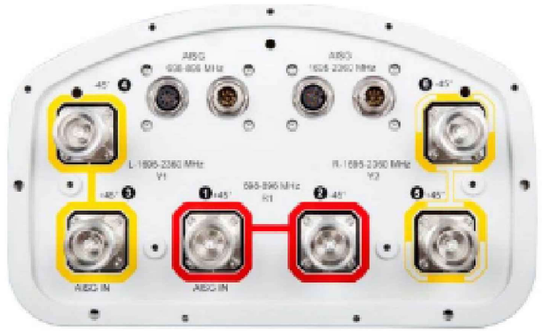
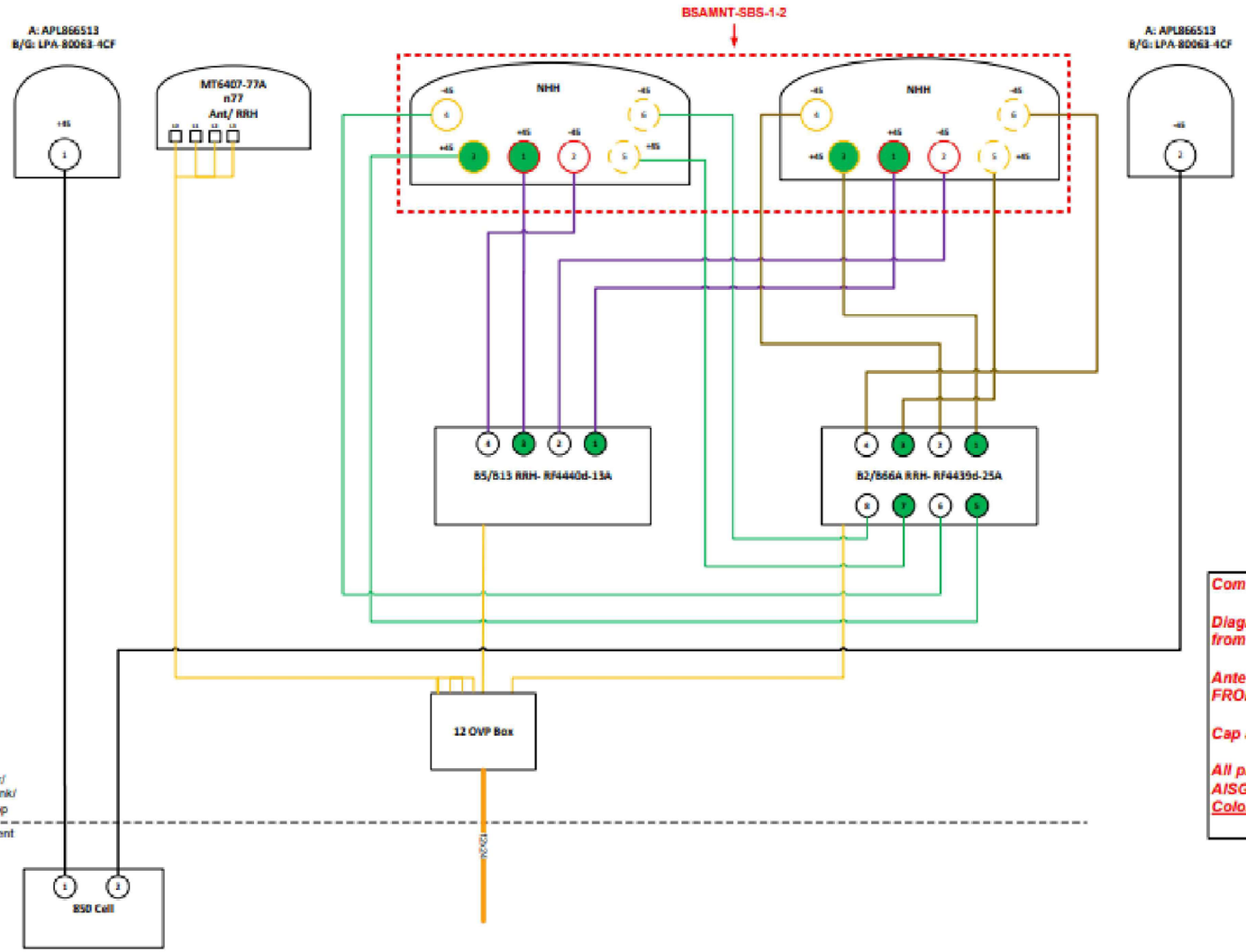
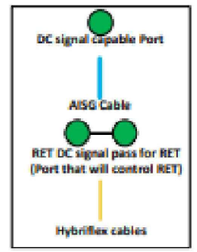
REVISION: 0



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

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





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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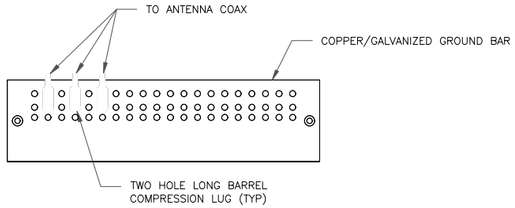
SHEET NUMBER: C-6

REVISION: 0

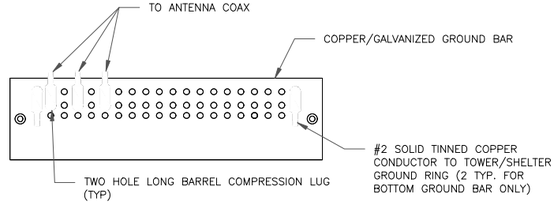
136290.005.01_HRT 086 943248.dwg – Sheet:C-6 – User: jsikes – Oct 12, 2021 – 4:53pm



NOTES:

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

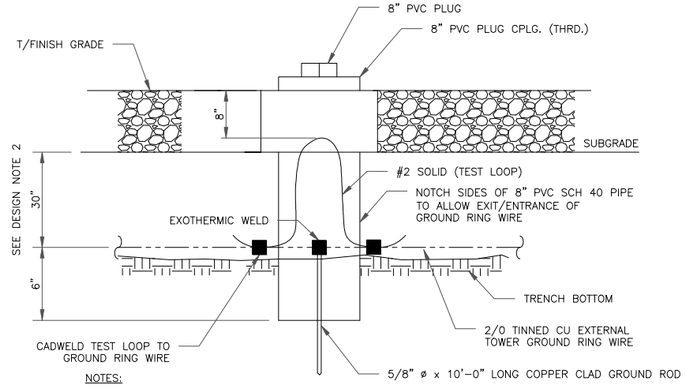
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

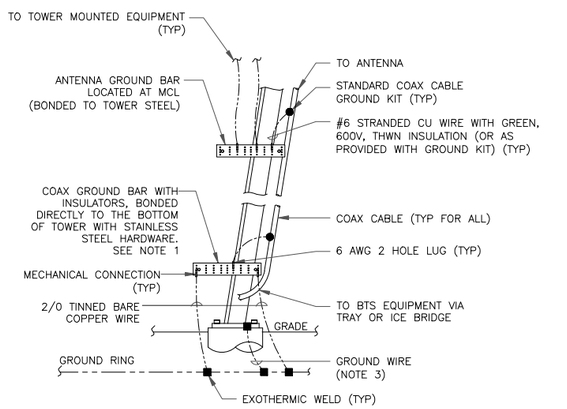
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

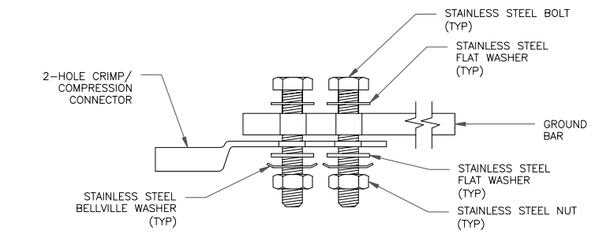
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



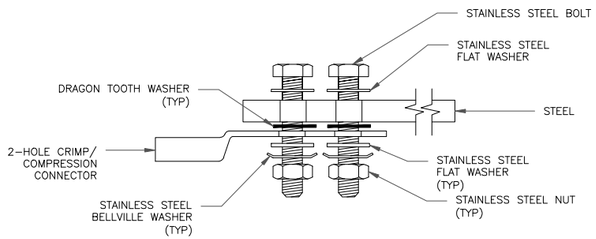
NOTES:

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

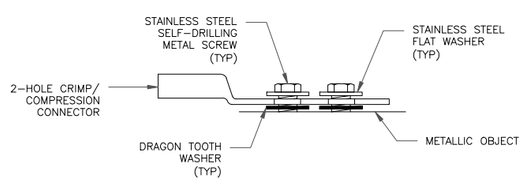
4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



SINGLE CONNECTOR AT GROUND BARS

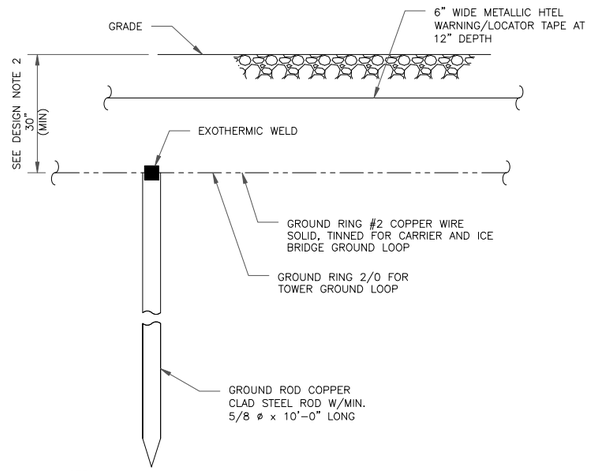


SINGLE CONNECTOR AT STEEL OBJECTS



SINGLE CONNECTOR AT METALLIC/STEEL OBJECTS

5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE

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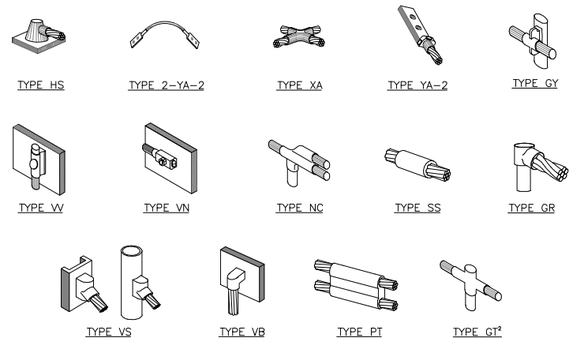
REVISION: 0

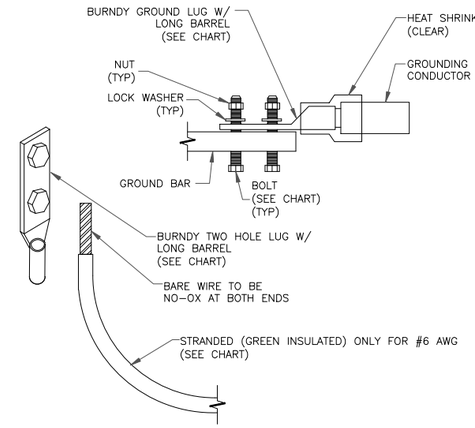


NOTE:

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

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

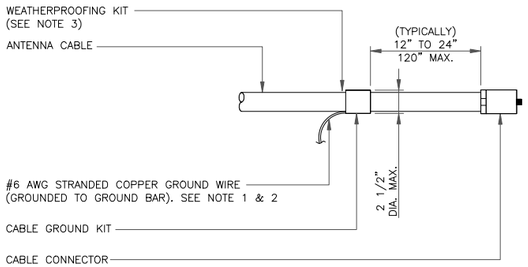
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



NOTES:

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

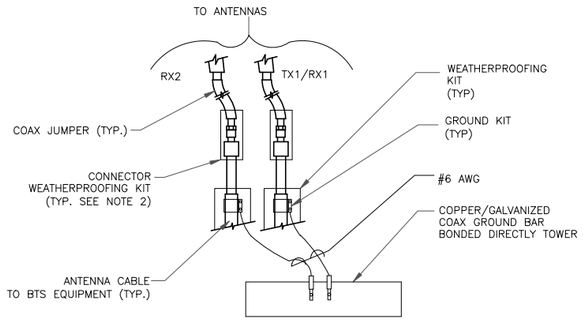
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

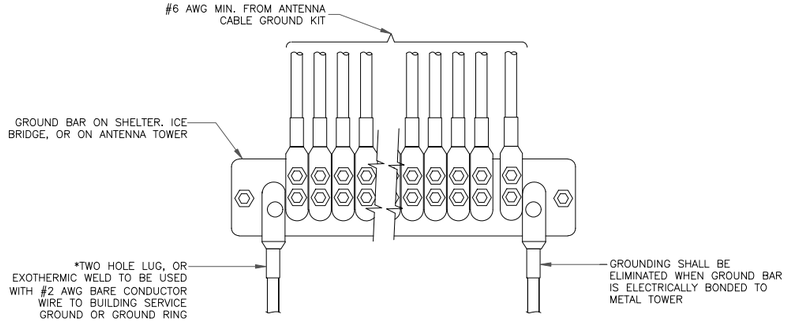
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



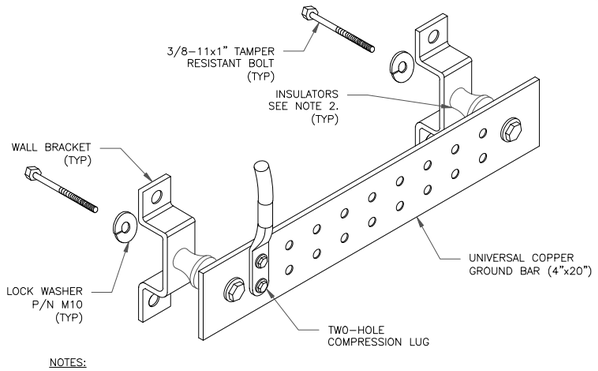
NOTES:

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

4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



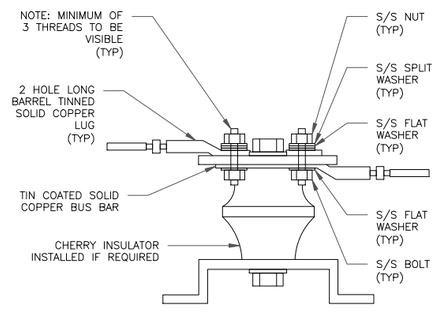
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



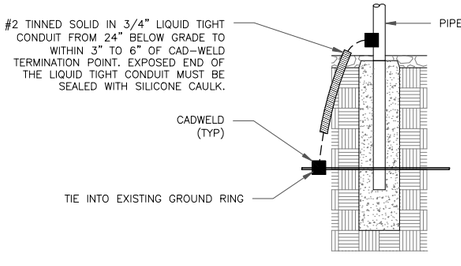
NOTES:

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

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER:
467177

BU #: **806378**
HRT 086 943248

126 PIONEER HEIGHTS RD
SOMERS, CT 06071

EXISTING 160'-0" SELF SUPPPORT TOWER

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	10/12/21	DDK	CONSTRUCTION	JTS

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

SHEET NUMBER: G-2
REVISION: 0

Exhibit D

Structural Analysis Report

Date: **October 05, 2021**

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

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	467177
	Site Name:	Somers Ct
Crown Castle Designation:	**BU Number:**	806378
	Site Name:	HRT 086 943248
	JDE Job Number:	688781
	Work Order Number:	2027743
	Order Number:	589212 Rev. 0
Engineering Firm Designation:	**B+T Group Project Number:**	136290.004.01
Site Data:	**126 Pioneer Heights Rd, Somers, Tolland County, CT** **Latitude *41° 56' 55.98"*, Longitude *-72° 29' 31.55"*** **160 Foot - Self Support Tower**	

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

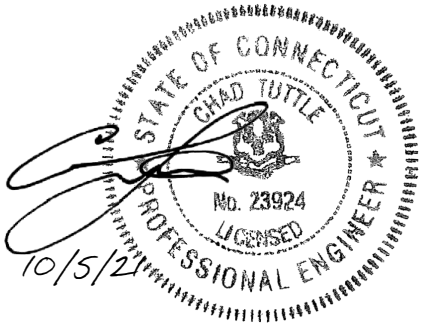
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Proposed Equipment Configuration **Sufficient Capacity – 87.5%**

This analysis utilizes an ultimate 3-second gust wind speed of 117 mph as required by the 2018 International Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Harrison Holmlund

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



Chad E. Tuttle, P.E.

tnxTower Report - version 8.1.1.0

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 160 ft. Self Support tower designed by Rohn.

The tower has been modified multiple times to accommodate additional loading.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	117 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
157.0	158.0	1	Raycap	RVZDC-6627-PF-48_CCIV2	14	1-5/8
		3	Samsung Telecomm.	RF4439D-25A		
		3	Samsung Telecomm.	RF4440D-13A		
	157.0	2	Antel	LPA-80063/4CF		
		2	Antel	LPA-80063/4CFX5		
		6	Commscope	NHH-65B-R2B		
		2	Rfs Celwave	APL866513-42T6		
		3	Samsung Telecomm.	MT6407-77A		
		3	Site Pro1	SPTB-NP Tie back Kit		
		1	--	BSAMNT-SBS-1-2		
		1	--	Sector Mount [SM 505-3]		
57.0	60.0	1	Gps	GPS_A	1	1/2
	57.0	1	--	Side Arm Mount [SO 202-1]		

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)
147.0	147.0	3	Fujitsu	TA08025-B604	1	1-1/2
		3	Fujitsu	TA08025-B605		
		3	Jma Wireless	MX08FRO665-21		
		1	Raycap	RDIDC-9181-PF-48		
		1	--	Commscope MTC3975083 (3)		
135.0	137.0	3	CCI Antennas	HPA-65R-BUU-H8	12	1-1/4
		3	CCI Antennas	TPA-65R-LCUUUU-H8	4	3/4
		3	Ericsson	RRUS 11	2	3/8
		3	Ericsson	RRUS 4415 B25		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		3	Ericsson	RRUS 4426 B66		
		3	Ericsson	WCS RRUS-32-B30		
		3	Kaelus	DBC0062F1V51-1		
		6	Powerwave Tech.	7020.00		
		3	Powerwave Tech.	7770.00		
		3	Powerwave Tech.	TT19-08BP111-001		
		2	Raycap	DC6-48-60-18-8F		
	135.0	1	--	Sector Mount [SM 504-3]		
125.0	126.0	3	Alcatel Lucent	TD-RRH8x20-25	3 1	1-1/4 5/8
		1	Rfs Celwave	APXV9ERR18-C-A20		
		2	Rfs Celwave	APXVSPP18-C-A20		
		3	Rfs Celwave	APXVTM14-C-120		
	125.0	3	Alcatel Lucent	1900MHz RRH (65MHz)		
		3	Alcatel Lucent	800MHz 2X50W RRH W/FILTER		
		1	--	Sector Mount [SM 402-3]		
113.0	114.0	3	Ericsson	AIR 32 B2A/B66AA	3	1-5/8
		3	Ericsson	ERICSSON AIR 21 B4A B2P		
		3	Ericsson	RADIO 4449 B12/B71		
		3	Rfs Celwave	APXVAARR24_43-U-NA20		
	113.0	1	--	Sector Mount [SM 502-3]		
48.0	48.0	1	--	Side Arm Mount [SO 202-1]	1	1/2

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturer Drawing	7175605	CCI Sites
Mount Analysis Report	9999035	CCI Sites
Mount Modification Report	9999036	CCI Sites
Tower Modification Drawing	866858	CCI Sites
Tower Modification Drawing/PMI	1278690	CCI Sites
Tower Modification Drawing	2961397	CCI Sites
Post Modification Inspection	2961404	CCI Sites
Tower Modification Drawing	3265393	CCI Sites
Post Modification Inspection	3684249	CCI Sites
Tower Modification Drawing	5615504	CCI Sites
Post Modification Inspection	5852475	CCI Sites
Tower Modification Drawing	7498454	CCI Sites
Post Modification Inspection	8011021	CCI Sites
Tower Modification Drawing	5264915	CCI Sites
Foundation Drawing	262063	CCI Sites

Document	Reference	Source
Geotech Report	1275233	CCI Sites
Crown CAD Package	Date: 10/04/2021	CCI Sites

3.1) Analysis Method

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

tnxTower was used to determine the loads on the modified structure. Additional calculations were performed to determine the stresses in the reinforced leg sections. These calculations are presented in Appendix C.

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
T1	160 - 140	Leg	ROHN 2 STD	2	-19.912	38.684	51.5	Pass
T2	140 - 135	Leg	ROHN 2.5 EH	38	-25.403	78.149	32.5	Pass
T3	135 - 130	Leg	ROHN 2.5 EH	50	-35.760	78.149	45.8	Pass
T4	130 - 125	Leg	ROHN 2.5 EH	59	-44.104	78.149	56.4	Pass
T5	125 - 120	Leg	ROHN 2.5 EH	68	-53.782	78.149	68.8	Pass
T6	120 - 113.333	Leg	ROHN 3 EH	77	-64.001	99.059	64.6	Pass
T7	113.333 - 106.667	Leg	ROHN 3 EH	86	-77.781	99.059	78.5	Pass
T8	106.667 - 100	Leg	ROHN 3 EH	95	-90.988	129.331	70.4	Pass
T9	100 - 93.3333	Leg	ROHN 3.5 EH	107	-103.464	132.012	78.4	Pass
T10	93.3333 - 86.6667	Leg	ROHN 3.5 EH	116	-115.570	132.011	87.5	Pass
T11	86.6667 - 80	Leg	ROHN 3.5 EH	125	-126.865	161.634	78.5	Pass
T12	80 - 73.3333	Leg	ROHN 4 X-STR	137	-138.709	167.898	82.6	Pass
T13	73.3333 - 66.6667	Leg	ROHN 4 X-STR	146	-149.253	196.788	75.8	Pass
T14	66.6667 - 60	Leg	ROHN 4 X-STR	158	-160.366	196.814	81.5	Pass
T15	60 - 50	Leg	ROHN. 5 EH	170	-174.179	211.314	82.4	Pass
T16	50 - 40	Leg	ROHN. 5 EH	179	-190.072	265.798	71.5	Pass
T17	40 - 30	Leg	ROHN 5 X-STR	191	-206.230	265.818	77.6	Pass
T18	30 - 20	Leg	ROHN 5 X-STR	203	-221.806	283.206	78.3	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
T19	20 - 0	Leg	B+T_BU 806378 - 6.625"x0.34" pipe w/ 2" SR	245	-253.880	306.709	82.8	Pass
T1	160 - 140	Diagonal	L1 3/4x1 3/4x3/16	9	-3.291	11.646	28.3	Pass
T2	140 - 135	Diagonal	L1 3/4x1 3/4x3/16	45	-3.307	8.949	37.0	Pass
T3	135 - 130	Diagonal	L1 3/4x1 3/4x3/16	54	-4.223	8.112	52.1	Pass
T4	130 - 125	Diagonal	L1 3/4x1 3/4x3/16	63	-4.295	7.371	58.3	Pass
T5	125 - 120	Diagonal	L2x2x3/16	72	-4.863	10.175	47.8	Pass
T6	120 - 113.333	Diagonal	L2 1/2x2 1/2x1/4	81	-5.403	19.771	27.3	Pass
T7	113.333 - 106.667	Diagonal	L2 1/2x2 1/2x1/4	90	-6.591	17.939	36.7	Pass
T8	106.667 - 100	Diagonal	L2 1/2x2 1/2x1/4	99	-6.597	15.768	41.8	Pass
T9	100 - 93.3333	Diagonal	L2 1/2x2 1/2x3/16	111	-6.585	12.495	52.7	Pass
T10	93.3333 - 86.6667	Diagonal	L2 1/2x2 1/2x1/4	120	-6.625	15.132	43.8	Pass
T11	86.6667 - 80	Diagonal	2L2 1/2x2 1/2x3/16x1/4	129	-7.259	38.394	18.9	Pass
T12	80 - 73.3333	Diagonal	L 3x3x3/16	141	-6.767	16.573	40.8	Pass
T13	73.3333 - 66.6667	Diagonal	L 3x3x3/16	150	-7.617	13.948	54.6	Pass
T14	66.6667 - 60	Diagonal	L 3x3x3/16	162	-7.437	12.860	57.8	Pass
T15	60 - 50	Diagonal	2L3x3x3/16x1/4	174	-8.607	39.409	21.8	Pass
T16	50 - 40	Diagonal	2L3x3x3/16x1/4	183	-9.548	35.624	26.8	Pass
T17	40 - 30	Diagonal	2L3x3x1/4x1/4	195	-9.709	45.249	21.5	Pass
T18	30 - 20	Diagonal	2L3x3x1/4x1/4	213	-10.541	72.440	14.6	Pass
T19	20 - 0	Diagonal	2L3 1/2x3 1/2x1/4x1/4	249	-10.730	56.951	18.8	Pass
T18	30 - 20	Horizontal	L3x3x3/16	205	-3.847	6.453	59.6	Pass
T8	106.667 - 100	Secondary Horizontal	L1 3/4x1 3/4x1/4	103	-1.579	7.913	20.0	Pass
T11	86.6667 - 80	Secondary Horizontal	L2x2x3/16	133	-2.201	6.440	34.2	Pass
T13	73.3333 - 66.6667	Secondary Horizontal	L1 3/4x1 3/4x1/4	154	-2.590	4.441	58.3	Pass
T14	66.6667 - 60	Secondary Horizontal	L2x2x3/16	166	-2.782	4.702	59.2	Pass
T16	50 - 40	Secondary Horizontal	L2 1/2x2 1/2x3/16	187	-3.297	7.398	44.6	Pass
T17	40 - 30	Secondary Horizontal	L3x3x1/4	199	-3.578	14.905	24.0	Pass
T1	160 - 140	Top Girt	L2x2x1/8	5	-0.622	4.273	14.6	Pass
T2	140 - 135	Top Girt	L2x2x1/8	40	-0.441	4.273	10.3	Pass
T18	30 - 20	Redund Horz 1 Bracing	L2x2x3/16	230	-3.847	13.765	27.9	Pass
T18	30 - 20	Redund Diag 1 Bracing	L2x2x3/16	231	-2.239	9.970	22.5	Pass
							Summary	
						Leg (T10)	87.5	Pass
						Diagonal (T4)	58.3	Pass
						Horizontal (T18)	59.6	Pass
						Secondary Horizontal	59.2	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
						(T14)		
						Top Girt (T1)	14.6	Pass
						Redund Horz 1 Bracing (T18)	27.9	Pass
						Redund Diag 1 Bracing (T18)	22.5	Pass
						Bolt Checks	81.8	Pass
						Rating =	87.5	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	Base	65.2	Pass
1,2	Base Foundation (Structure)	Base	40.8	Pass
1,2	Base Foundation (Soil Interaction)	Base	71.4	Pass

Structure Rating (max from all components) =	87.5%

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

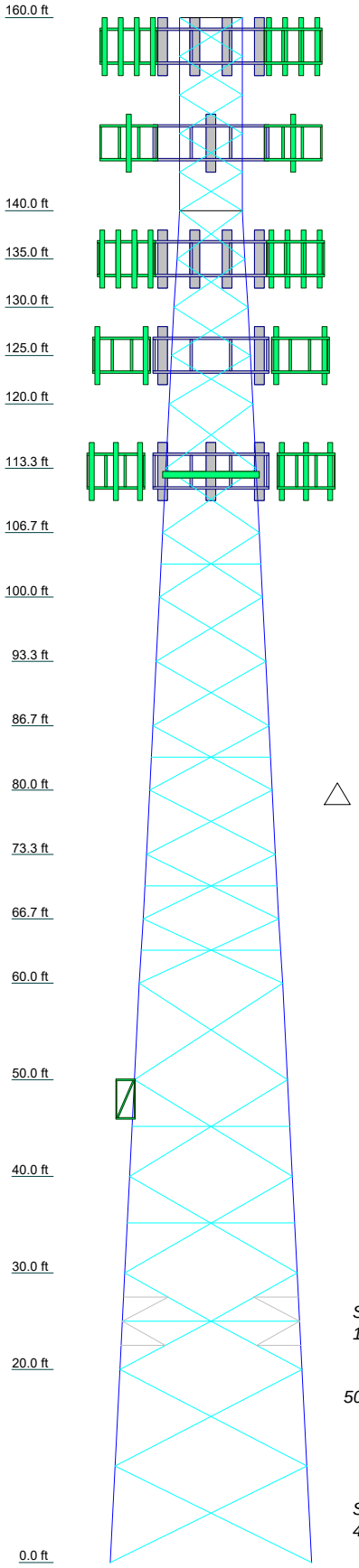
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	T19	T18	T17	T16	T15	T14	T13	T12	T11	T10	T9	T8	T7	T6	T5	T4	T3	T2	T1
Legs	A	ROHN 5 X-STR		ROHN. 5 EH		ROHN 4 X-STR			ROHN 3.5 EH			ROHN 3 EH			ROHN 2.5 EH			ROHN 2 STD	
Leg Grade	A572-50																		
Diagonals	2L3 1/2x3 1/2x1/4x1/4	2L3x3x1/4x1/4		2L3x3x3/16x1/4		L 3x3x3/16			E	D	C	L2 1/2x2 1/2x1/4		B	L1 3/4x1 3/4x3/16				
Diagonal Grade	A572-50			A36															
Top Girts	N.A.														L2x2x1/8				
Horizontals	N.A.	L3x3x3/16		C	N.A.	L2x2x3/16	F	N.A.	L2x2x3/16	N.A.	N.A.	F					N.A.		
Sec. Horizontals	N.A.		L3x3x1/4																
Red. Horizontals	N.A.	L2x2x3/16																	
Red. Diagonals	N.A.	L2x2x3/16																	
Face Width (ft)	20.8646	18.8542	17.8125	16.7708	15.7708	14.7708	14.0729	13.375	12.6771	11.9974	11.3151	10.6354	9.95833	9.28125	8.60417	8.09375	7.58333	7.07292	6.5625	6.52083
# Panels @ (ft)		2 @ 10	2 @ 5	3 @ 10					9 @ 6.66667							4 @ 5			5 @ 4	
Weight (K)	20.9	5.3	2.5	2.2	1.7	1.5	0.8	0.8	0.7	0.9	0.6	0.5	0.6	0.5	0.5	0.3	0.2	0.3	0.8	



SYMBOL LIST

MARK	SIZE	MARK	SIZE
A	B+T_BU 806378 - 6.625"x0.34" pipe w/ 2" SR	D	L2 1/2x2 1/2x1/4
B	L2x2x3/16	E	2L2 1/2x2 1/2x3/16x1/4
C	L2 1/2x2 1/2x3/16	F	L1 3/4x1 3/4x1/4

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-50	50 ksi	65 ksi	A36	36 ksi	58 ksi

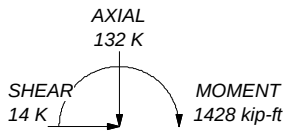
TOWER DESIGN NOTES

1. Tower is located in Tolland County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 117 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0'
8. TIA-222-H Annex S
9. TOWER RATING: 87.5%

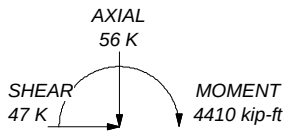
ALL REACTIONS ARE FACTORED

MAX. CORNER REACTIONS AT BASE:
DOWN: 262 K
SHEAR: 30 K

UPLIFT: -224 K
SHEAR: 26 K



TORQUE 20 kip-ft
50 mph WIND - 1.500 in ICE

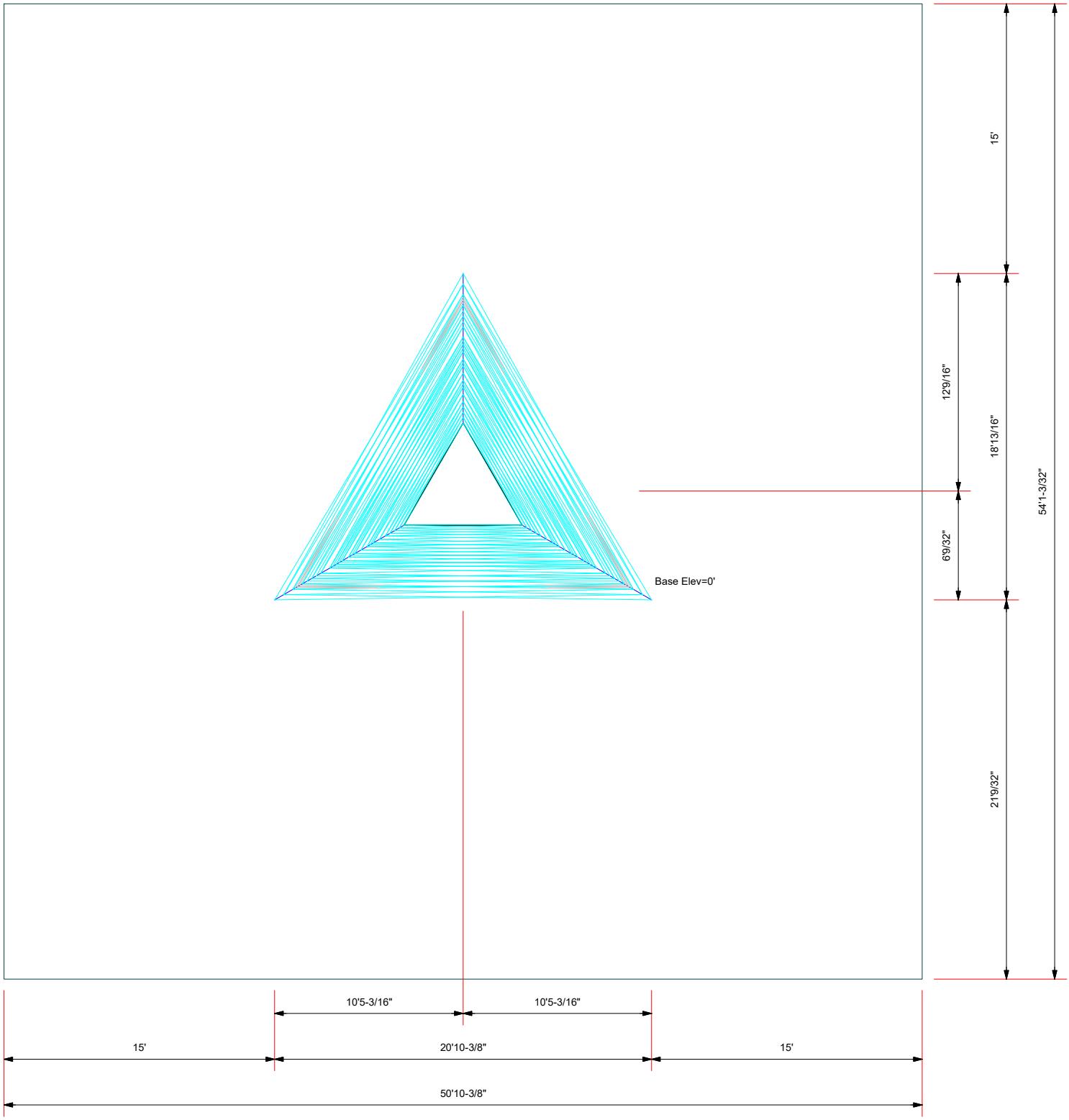


TORQUE 64 kip-ft
REACTIONS - 117 mph WIND

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
Phone: (918) 587-4630
FAX: (918) 295-0265

Job:	***136290.004.01 - HRT 086 943248, CT (BU# 806378***		
Project:			
Client: Crown Castle	Drawn by: Jayaraj B	App'd:	
Code: TIA-222-H	Date: 10/05/21	Scale: NTS	
Path:		Dwg No. E-1	

Plot Plan
Total Area - 0.06 Acres



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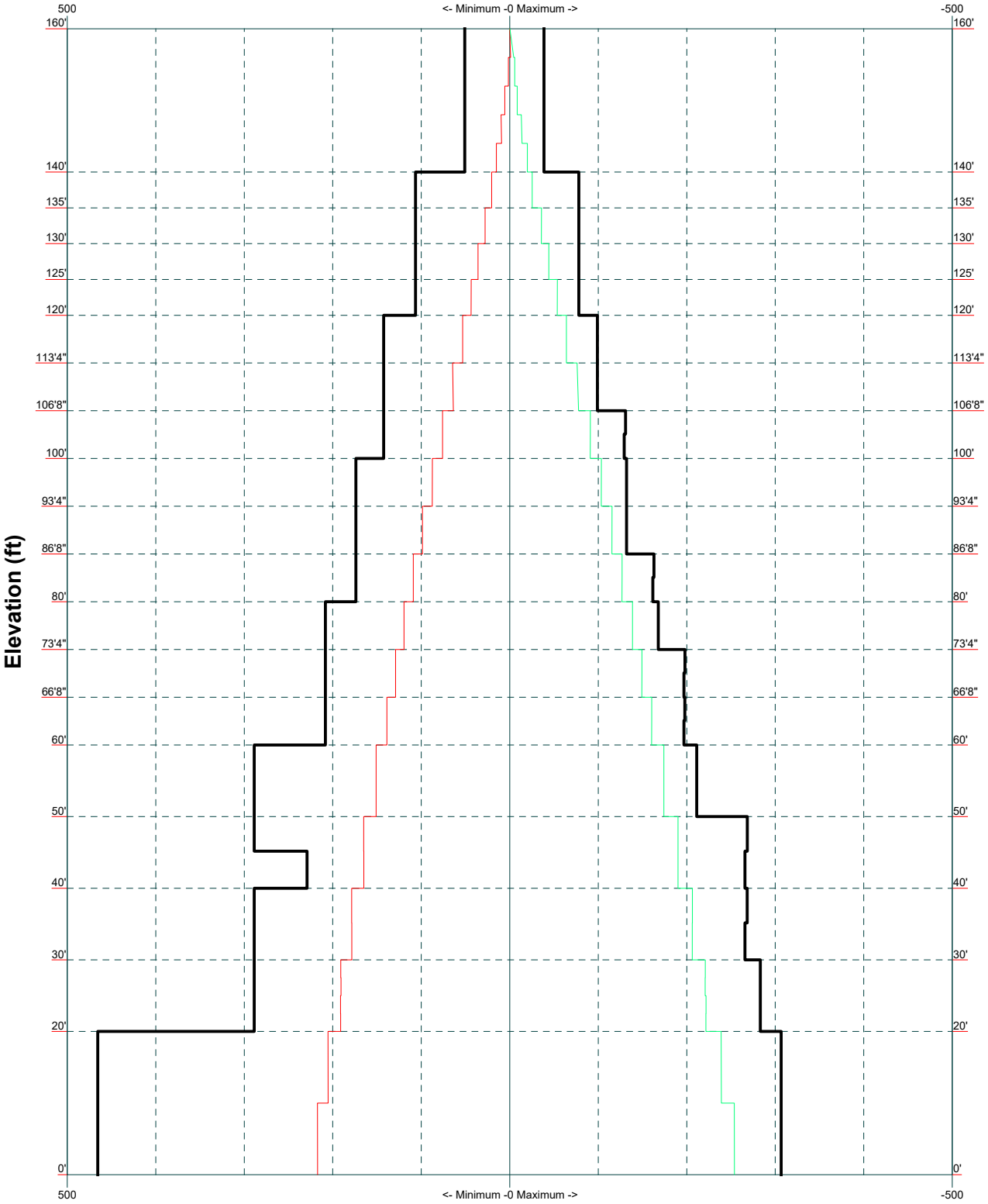
Job: 136290.004.01 - HRT 086 943248, CT (BU# 80637		
Project:		
Client: Crown Castle	Drawn by: Jayaraj B	App'd:
Code: TIA-222-H	Date: 10/05/21	Scale: NTS
Path:		Dwg No. E-2

TIA-222-H - 117 mph/50 mph 1.500 in Ice Exposure C

Leg Capacity ——— **Leg Compression (K)**



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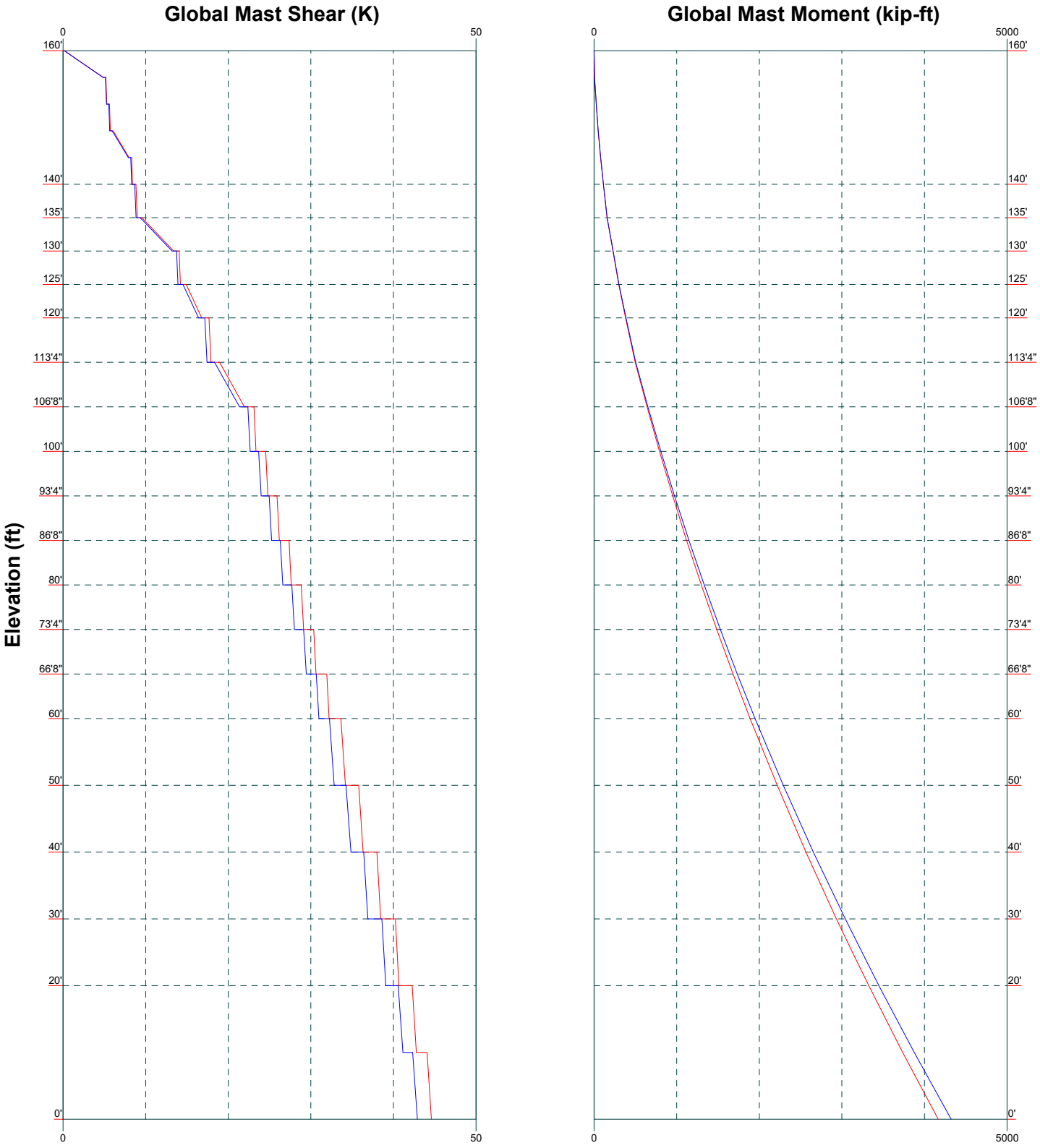
Job: *136290.004.01 - HRT 086 943248, CT (BU# 80637*		
Project:		
Client: Crown Castle	Drawn by: Jayaraj B	App'd:
Code: TIA-222-H	Date: 10/05/21	Scale: NTS
Path:		Dwg No. E-3

TIA-222-H - 117 mph/50 mph 1.500 in Ice Exposure C

Maximum Values

Vx Vz Mx Mz



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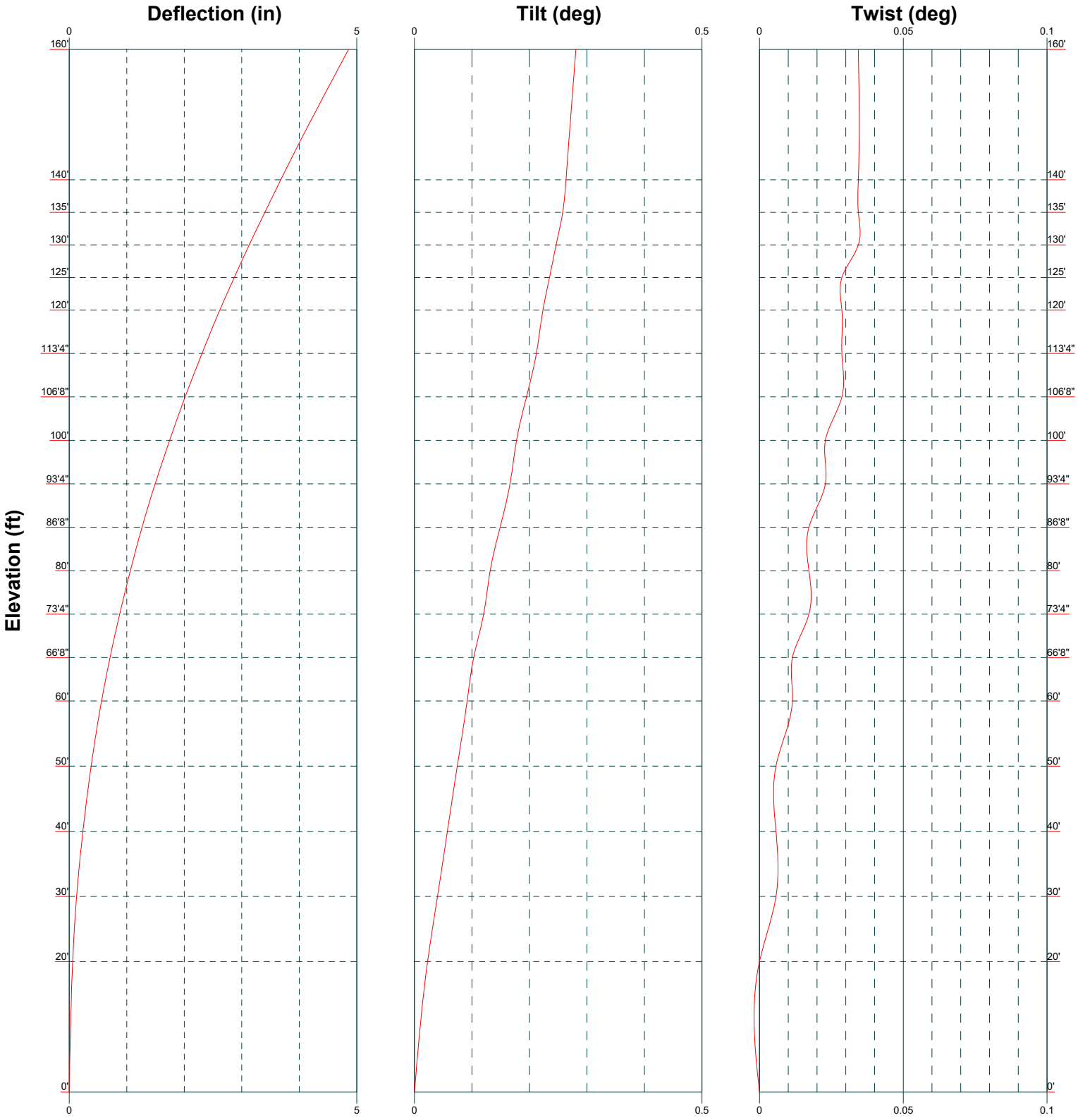
Job: *136290.004.01 - HRT 086 943248, CT (BU# 80637*		
Project:		
Client: Crown Castle	Drawn by: Jayaraj B	App'd:
Code: TIA-222-H	Date: 10/05/21	Scale: NTS
Path:		Dwg No. E-4

TIA-222-H - Service - 60 mph

Maximum Values



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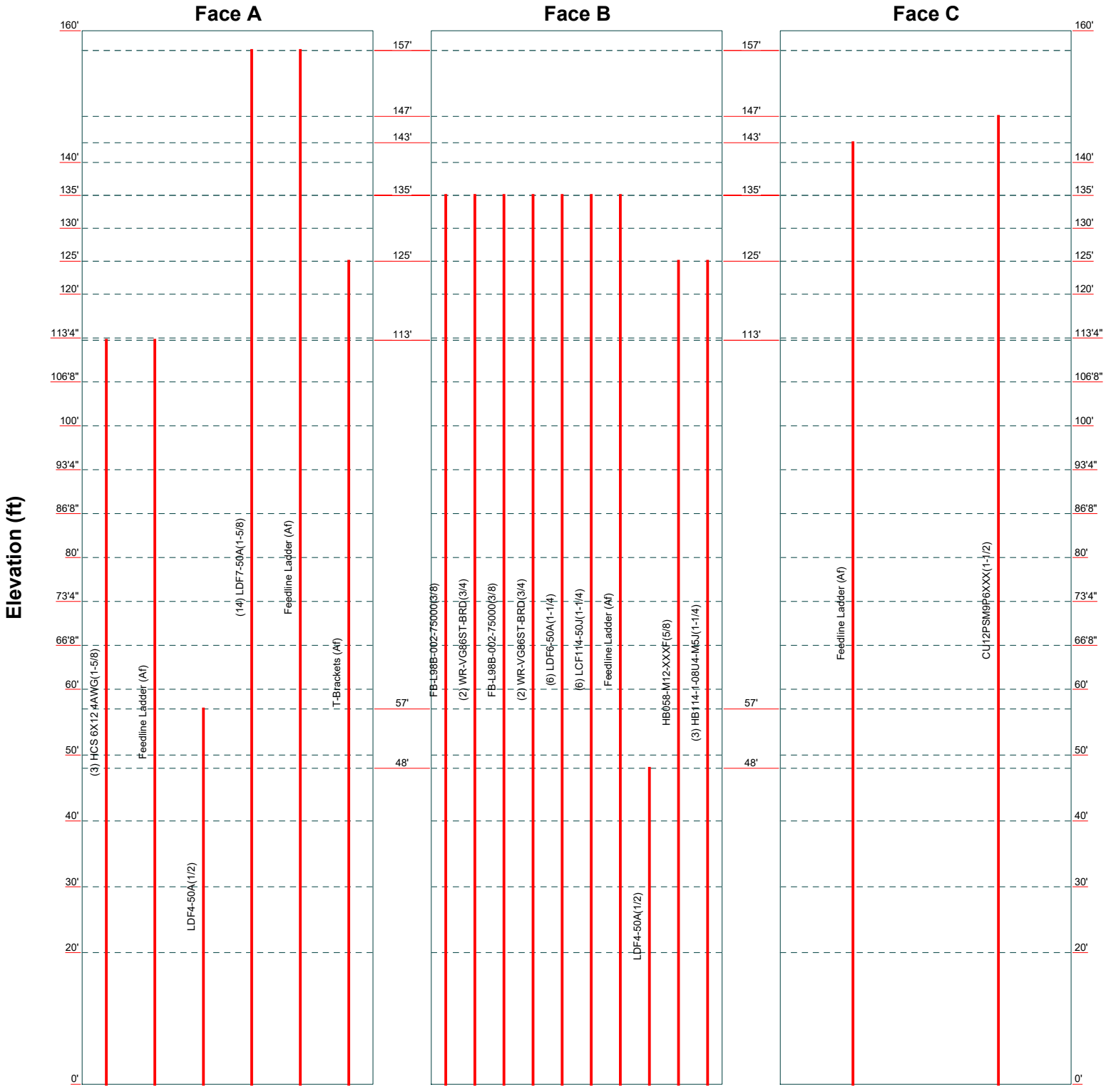
Job: ***136290.004.01 - HRT 086 943248, CT (BU# 80637***		
Project:		
Client: Crown Castle	Drawn by: Jayaraj B	App'd:
Code: TIA-222-H	Date: 10/05/21	Scale: NTS
Path:		Dwg No. E-5

Feed Line Distribution Chart
0' - 160'

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



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Job: 136290.004.01 - HRT 086 943248, CT (BU# 80637		
Project:		
Client: Crown Castle	Drawn by: Jayaraj B	App'd:
Code: TIA-222-H	Date: 10/05/21	Scale: NTS
Path:		Dwg No. E-7

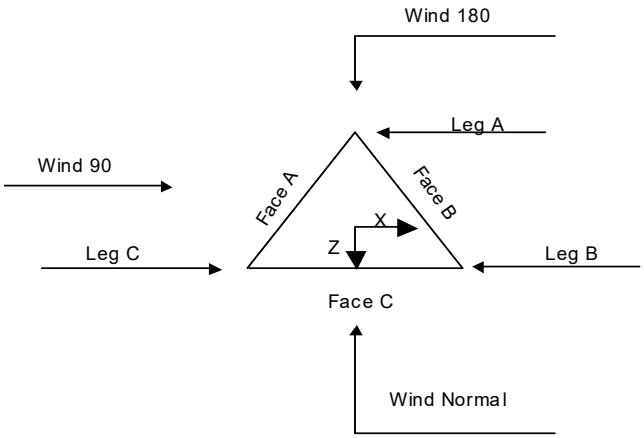
Tower Input Data

The main tower is a 3x free standing tower with an overall height of 160' above the ground line.
The base of the tower is set at an elevation of 0' above the ground line.
The face width of the tower is 6'6-1/4" at the top and 20'10-3/8" at the base.
This tower is designed using the TIA-222-H standard.
The following design criteria apply:

Tower is located in Tolland County, Connecticut.
Tower base elevation above sea level: 396'.
Basic wind speed of 117 mph.
Risk Category II.
Exposure Category C.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0'.
Nominal ice thickness of 1.500 in.
Ice thickness is considered to increase with height.
Ice density of 56.000 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50.000 °F.
Deflections calculated using a wind speed of 60 mph.
TIA-222-H Annex S.
Pressures are calculated at each section.
Stress ratio used in tower member 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



Triangular Tower

Tower Section Geometry

Tower Section	Tower Elevation ft	Assembly Database	Description	Section Width ft	Number of Sections	Section Length ft
T1	160'-140'			6'6-1/4"	1	20'
T2	140'-135'			6'6-3/4"	1	5'
T3	135'-130'			7'7/8"	1	5'
T4	130'-125'			7'7"	1	5'
T5	125'-120'			8'1-1/8"	1	5'
T6	120'-113'4"			8'7-1/4"	1	6'8"
T7	113'4"-106'8"			9'3-3/8"	1	6'8"
T8	106'8"-100'			9'11-1/2"	1	6'8"
T9	100'-93'4"			10'7-5/8"	1	6'8"
T10	93'4"-86'8"			11'3-25/32"	1	6'8"
T11	86'8"-80'			11'11-31/32"	1	6'8"
T12	80'-73'4"			12'8-1/8"	1	6'8"
T13	73'4"-66'8"			13'4-1/2"	1	6'8"
T14	66'8"-60'			14'7/8"	1	6'8"
T15	60'-50'			14'9-1/4"	1	10'
T16	50'-40'			15'9-1/4"	1	10'
T17	40'-30'			16'9-1/4"	1	10'
T18	30'-20'			17'9-3/4"	1	10'
T19	20'-0'			18'10-1/4"	1	20'

Tower Section Geometry *(cont'd)*

Tower Section	Tower Elevation ft	Diagonal Spacing ft	Bracing Type	Has K Brace End Panels	Has Horizontals	Top Girt Offset in	Bottom Girt Offset in
T1	160'-140'	4'	X Brace	No	No	0.000	0.000
T2	140'-135'	5'	X Brace	No	No	0.000	0.000
T3	135'-130'	5'	X Brace	No	No	0.000	0.000
T4	130'-125'	5'	X Brace	No	No	0.000	0.000
T5	125'-120'	5'	X Brace	No	No	0.000	0.000
T6	120'-113'4"	6'8"	X Brace	No	No	0.000	0.000
T7	113'4"-106'8"	6'8"	X Brace	No	No	0.000	0.000
T8	106'8"-100'	6'8"	X Brace	No	Yes	0.000	0.000
T9	100'-93'4"	6'8"	X Brace	No	No	0.000	0.000
T10	93'4"-86'8"	6'8"	X Brace	No	No	0.000	0.000
T11	86'8"-80'	6'8"	X Brace	No	Yes	0.000	0.000
T12	80'-73'4"	6'8"	X Brace	No	No	0.000	0.000
T13	73'4"-66'8"	6'8"	X Brace	No	Yes	0.000	0.000
T14	66'8"-60'	6'8"	X Brace	No	Yes	0.000	0.000
T15	60'-50'	10'	X Brace	No	No	0.000	0.000
T16	50'-40'	10'	X Brace	No	Yes	0.000	0.000
T17	40'-30'	10'	X Brace	No	Yes	0.000	0.000
T18	30'-20'	5'	Double K1	No	Yes	0.000	0.000
T19	20'-0'	10'	X Brace	No	No	0.000	0.000

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Leg Type	Leg Size	Leg Grade	Diagonal Type	Diagonal Size	Diagonal Grade
T1 160'-140'	Pipe	ROHN 2 STD	A572-50 (50 ksi)	Single Angle	L1 3/4x1 3/4x3/16	A36 (36 ksi)
T2 140'-135'	Pipe	ROHN 2.5 EH	A572-50 (50 ksi)	Single Angle	L1 3/4x1 3/4x3/16	A36 (36 ksi)
T3 135'-130'	Pipe	ROHN 2.5 EH	A572-50 (50 ksi)	Single Angle	L1 3/4x1 3/4x3/16	A36 (36 ksi)
T4 130'-125'	Pipe	ROHN 2.5 EH	A572-50 (50 ksi)	Single Angle	L1 3/4x1 3/4x3/16	A36 (36 ksi)
T5 125'-120'	Pipe	ROHN 2.5 EH	A572-50 (50 ksi)	Single Angle	L2x2x3/16	A36 (36 ksi)
T6 120'-113'4"	Pipe	ROHN 3 EH	A572-50 (50 ksi)	Single Angle	L2 1/2x2 1/2x1/4	A36 (36 ksi)
T7 113'4"-106'8"	Pipe	ROHN 3 EH	A572-50 (50 ksi)	Single Angle	L2 1/2x2 1/2x1/4	A36 (36 ksi)
T8 106'8"-100'	Pipe	ROHN 3 EH	A572-50 (50 ksi)	Single Angle	L2 1/2x2 1/2x1/4	A36 (36 ksi)
T9 100'-93'4"	Pipe	ROHN 3.5 EH	A572-50 (50 ksi)	Single Angle	L2 1/2x2 1/2x3/16	A36 (36 ksi)
T10 93'4"-86'8"	Pipe	ROHN 3.5 EH	A572-50 (50 ksi)	Single Angle	L2 1/2x2 1/2x1/4	A36 (36 ksi)
T11 86'8"-80'	Pipe	ROHN 3.5 EH	A572-50 (50 ksi)	Double Angle	2L2 1/2x2 1/2x3/16x1/4	A36 (36 ksi)
T12 80'-73'4"	Pipe	ROHN 4 X-STR	A572-50 (50 ksi)	Single Angle	L 3x3x3/16	A36 (36 ksi)
T13 73'4"-66'8"	Pipe	ROHN 4 X-STR	A572-50 (50 ksi)	Single Angle	L 3x3x3/16	A36 (36 ksi)
T14 66'8"-60'	Pipe	ROHN 4 X-STR	A572-50 (50 ksi)	Single Angle	L 3x3x3/16	A36 (36 ksi)
T15 60'-50'	Pipe	ROHN. 5 EH	A572-50	Double Angle	2L3x3x3/16x1/4	A36

Tower Elevation ft	Leg Type	Leg Size	Leg Grade	Diagonal Type	Diagonal Size	Diagonal Grade
T16 50'-40'	Pipe	ROHN. 5 EH	(50 ksi) A572-50 (50 ksi)	Double Angle	2L3x3x3/16x1/4	(36 ksi) A36 (36 ksi)
T17 40'-30'	Pipe	ROHN 5 X-STR	A572-50 (50 ksi)	Double Angle	2L3x3x1/4x1/4	A572-50 (50 ksi)
T18 30'-20'	Pipe	ROHN 5 X-STR	A572-50 (50 ksi)	Double Angle	2L3x3x1/4x1/4	A572-50 (50 ksi)
T19 20'-0'	Arbitrary Shape	B+T_BU 806378 - 6.625"x0.34" pipe w/ 2" SR	A572-50 (50 ksi)	Double Angle	2L3 1/2x3 1/2x1/4x1/4	A572-50 (50 ksi)

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Top Girt Type	Top Girt Size	Top Girt Grade	Bottom Girt Type	Bottom Girt Size	Bottom Girt Grade
T1 160'-140'	Equal Angle	L2x2x1/8	A36 (36 ksi)	Single Angle		A36 (36 ksi)
T2 140'-135'	Equal Angle	L2x2x1/8	A36 (36 ksi)	Single Angle		A36 (36 ksi)

Tower Section Geometry *(cont'd)*

Tower Elevation ft	No. of Mid Girts	Mid Girt Type	Mid Girt Size	Mid Girt Grade	Horizontal Type	Horizontal Size	Horizontal Grade
T18 30'-20'	None	Single Angle		A36 (36 ksi)	Equal Angle	L3x3x3/16	A36 (36 ksi)

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Secondary Horizontal Type	Secondary Horizontal Size	Secondary Horizontal Grade	Inner Bracing Type	Inner Bracing Size	Inner Bracing Grade
T8 106'8"-100'	Equal Angle	L1 3/4x1 3/4x1/4	A36 (36 ksi)	Single Angle		A36 (36 ksi)
T11 86'8"-80'	Equal Angle	L2x2x3/16	A36 (36 ksi)	Single Angle		A36 (36 ksi)
T13 73'4"-66'8"	Equal Angle	L1 3/4x1 3/4x1/4	A36 (36 ksi)	Single Angle		A36 (36 ksi)
T14 66'8"-60'	Equal Angle	L2x2x3/16	A36 (36 ksi)	Single Angle		A36 (36 ksi)
T16 50'-40'	Equal Angle	L2 1/2x2 1/2x3/16	A36 (36 ksi)	Single Angle		A36 (36 ksi)
T17 40'-30'	Equal Angle	L3x3x1/4	A36 (36 ksi)	Single Angle		A36 (36 ksi)

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Redundant Bracing Grade		Redundant Type	Redundant Size	K Factor
T18 30'-20'	A36 (36 ksi)	Horizontal (1) Diagonal (1)	Equal Angle Equal Angle	L2x2x3/16 L2x2x3/16	1 1

Tower Section Geometry *(cont'd)*

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
T1 160'-140'	0.000	0.188	A36 (36 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T2 140'-135'	0.000	0.188	A36 (36 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T3 135'-130'	0.000	0.188	A36 (36 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T4 130'-125'	0.000	0.188	A36 (36 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T5 125'-120'	0.000	0.188	A36 (36 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T6 120'-113'4"	0.000	0.188	A36 (36 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T7 113'4"-106'8"	0.000	0.188	A36 (36 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T8 106'8"-100'	0.000	0.188	A36 (36 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T9 100'-93'4"	0.000	0.500	A572-50 (50 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T10 93'4"-86'8"	0.000	0.500	A572-50 (50 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T11 86'8"-80'	0.000	0.500	A572-50 (50 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T12 80'-73'4"	0.000	0.500	A572-50 (50 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T13 73'4"-66'8"	0.000	0.500	A572-50 (50 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T14 66'8"-60'	0.000	0.500	A572-50 (50 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T15 60'-50'	0.000	0.250	A36 (36 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T16 50'-40'	0.000	0.250	A36 (36 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T17 40'-30'	0.000	0.250	A36 (36 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T18 30'-20'	0.000	0.250	A36 (36 ksi)	1.03	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt
T19 20'-0'	0.000	0.250	A36 (36 ksi)	1.1	1	1.05	Mid-Pt	Mid-Pt	Mid-Pt

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Calc K Single Angles	Calc K Solid Rounds	K Factors[1] Legs	X Brace Diags X	X Brace Diags Y	K Brace Diags X	K Brace Diags Y	Single Diags X	Single Diags Y	Girts X	Girts Y	Horiz. X	Horiz. Y	Sec. Horiz. X	Sec. Horiz. Y	Inner Brace X	Inner Brace Y
T1 160'-140'	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1
T2 140'-135'	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1
T3 135'-130'	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1
T4 130'-125'	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1
T5 125'-120'	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1
T6 120'-113'4"	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1
T7 113'4"-106'8"	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1
T8 106'8"-100'	No	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	0.5	1	1	1
T9 100'-93'4"	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1
T10 93'4"-86'8"	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1
T11 86'8"-80'	No	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	0.5	1	1	1
T12 80'-73'4"	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1
T13 73'4"-66'8"	No	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	0.5	1	1	1
T14 66'8"-60'	No	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	0.5	1	1	1
T15 60'-50'	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1
T16 50'-40'	No	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	0.5	1	1	1
T17 40'-30'	No	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	0.5	1	1	1
T18 30'-20'	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1
T19 20'-0'	Yes	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				1	1	1	1	1	1	1	1	1	1	1	1	1	1

[1]*Note: K factors are applied to member segment lengths. K-braces without inner supporting members will have the K factor in the out-of-plane direction applied to the overall length.*

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
T1 160'-140'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T2 140'-135'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T3 135'-130'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T4 130'-125'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T5 125'-120'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T6 120'-113'4"	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T7 113'4"-106'8"	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T8 106'8"-100'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T9 100'-93'4"	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T10 93'4"-86'8"	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T11 86'8"-80'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T12 80'-73'4"	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T13 73'4"-66'8"	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T14 66'8"-60'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T15 60'-50'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T16 50'-40'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T17 40'-30'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T18 30'-20'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T19 20'-0'	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75

Tower Elevation ft	Redundant Horizontal		Redundant Diagonal		Redundant Sub-Diagonal		Redundant Sub-Horizontal		Redundant Vertical		Redundant Hip		Redundant Hip Diagonal	
	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
T1 160'-140'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T2 140'-135'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T3 135'-130'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T4 130'-125'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T5 125'-120'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T6 120'-113'4"	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T7 113'4"-106'8"	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T8 106'8"-100'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T9 100'-93'4"	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T10 93'4"-86'8"	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T11 86'8"-80'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T12 80'-73'4"	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T13 73'4"-66'8"	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T14 66'8"-60'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T15 60'-50'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T16 50'-40'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T17 40'-30'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T18 30'-20'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T19 20'-0'	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Leg Connection Type	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
		Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.
T1 160'-140'	Flange	0.625 A325N	4	0.500 A325N	1	0.500 A325N	1	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T2 140'-135'	Flange	0.750 A325N	0	0.500 A325N	1	0.500 A325N	1	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T3 135'-130'	Flange	0.750 A325N	0	0.500 A325N	1	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T4 130'-125'	Flange	0.750 A325N	0	0.500 A325N	1	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T5 125'-120'	Flange	0.750 A325N	4	0.500 A325N	1	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T6 120'-113'4"	Flange	0.875 A325N	0	0.500 A325X	1	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T7 113'4"-106'8"	Flange	0.875 A325N	0	0.500 A325X	1	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T8 106'8"-100'	Flange	0.875 A325N	4	0.500 A325X	1	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	1
T9 100'-93'4"	Flange	0.875 A325N	0	0.500 A325N	0	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T10 93'4"-86'8"	Flange	0.875 A325N	0	0.500 A325N	0	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T11 86'8"-80'	Flange	0.875 A325N	4	0.500 A325N	0	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	1
T12 80'-73'4"	Flange	1.000 A325N	0	0.500 A325N	0	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T13 73'4"-66'8"	Flange	1.000 A325N	0	0.500 A325N	0	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	1
T14 66'8"-60'	Flange	1.000 A325N	4	0.500 A325N	0	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	1
T15 60'-50'	Flange	1.000 A325N	0	0.625 A325N	1	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T16 50'-40'	Flange	1.000 A325N	4	0.625 A325N	1	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	1
T17 40'-30'	Flange	1.000 A325N	0	0.625 A325N	1	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	1
T18 30'-20'	Flange	1.000 A325N	6	0.625 A325N	1	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	1	0.625 A325N	0
T19 20'-0'	Flange	1.000 A449	0	0.625 A325N	1	0.625 A325N	0	0.000 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Redundant Horizontal		Redundant Diagonal		Redundant Sub-Diagonal		Redundant Sub-Horizontal		Redundant Vertical		Redundant Hip		Redundant Hip Diagonal	
	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.
T1 160'-140'	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T2 140'-135'	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0

Tower Elevation ft	Redundant Horizontal		Redundant Diagonal		Redundant Sub-Diagonal		Redundant Sub-Horizontal		Redundant Vertical		Redundant Hip		Redundant Hip Diagonal	
	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.
T3 135'-130'	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T4 130'-125'	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T5 125'-120'	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T6 120'-113'4"	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T7 113'4"-106'8"	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T8 106'8"-100'	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T9 100'-93'4"	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T10 93'4"-86'8"	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T11 86'8"-80'	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T12 80'-73'4"	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T13 73'4"-66'8"	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T14 66'8"-60'	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T15 60'-50'	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T16 50'-40'	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T17 40'-30'	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T18 30'-20'	0.625 A325N	1	0.625 A325N	1	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0
T19 20'-0'	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0	0.625 A325N	0

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight klf
HCS 6X12 4AWG(1-5/8)	A	No	No	Ar (CaAa)	113' - 0'	0.000	-0.35	3	3	1.000 0.500	1.660		0.002
Feedline Ladder (Af) *	A	No	No	Af (CaAa)	113' - 0'	0.000	-0.37	1	1	3.000	3.000		0.008
LDF4-50A(1/2)	A	No	No	Ar (CaAa)	57' - 0'	0.000	0.39	1	1	0.500	0.630		0.000
LDF7-50A(1-5/8)	A	No	No	Ar (CaAa)	157' - 0'	0.000	0.35	14	7	0.850 0.750	1.980		0.001
Feedline Ladder (Af) *	A	No	No	Af (CaAa)	157' - 0'	0.000	0.37	1	1	3.000	3.000		0.008
FB-L98B-002-	B	No	No	Ar (CaAa)	135' - 0'	0.000	-0.4	1	1	0.394	0.394		0.000

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight klf
75000(3/8)										0.500			
WR-VG86ST-BRD(3/4)	B	No	No	Ar (CaAa)	135' - 0'	0.000	-0.4	2	2	0.795 0.500	0.795		0.001
FB-L98B-002-75000(3/8)	B	No	No	Ar (CaAa)	135' - 0'	0.000	-0.4	1	1	0.394 0.500	0.394		0.000
WR-VG86ST-BRD(3/4)	B	No	No	Ar (CaAa)	135' - 0'	0.000	-0.4	2	2	0.795 0.500	0.795		0.001
LDF6-50A(1-1/4)	B	No	No	Ar (CaAa)	135' - 0'	0.000	-0.42	6	3	1.000 0.500	1.550		0.001
LCF114-50J(1-1/4)	B	No	No	Ar (CaAa)	135' - 0'	0.000	-0.37	6	3	1.000 0.500	1.580		0.001
Feedline Ladder (Af) *	B	No	No	Af (CaAa)	135' - 0'	0.000	-0.385	1	1	3.000	3.000		0.008
LDF4-50A(1/2)	B	No	No	Ar (CaAa)	48' - 0'	0.000	-0.35	1	1	0.625 0.500	0.630		0.000
HB058-M12-XXXF(5/8)	B	No	No	Ar (CaAa)	125' - 0'	0.000	-0.35	1	1	0.840 0.500	0.840		0.000
HB114-1-08U4-M5J(1-1/4)	B	No	No	Ar (CaAa)	125' - 0'	0.000	-0.35	3	3	0.750 0.500	1.540		0.001
T-Brackets (Af) *	A	No	No	Af (CaAa)	125' - 0'	0.000	-0.35	1	1	1.000	1.000		0.008
Feedline Ladder (Af) *	C	No	No	Af (CaAa)	143' - 0'	0.000	0.35	1	1	3.000	3.000		0.008
CU12PSM9P6XXX(1-1/2) * * *	C	No	No	Ar (CaAa)	147' - 0'	0.000	0.37	1	1	1.600	1.600		0.002

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C_AA_A ft^2/ft	Weight klf
* * *								

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
T1	160'-140'	A	0.000	0.000	55.624	0.000	0.338
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	2.620	0.000	0.042

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
T2	140'-135'	A	0.000	0.000	16.360	0.000	0.099
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	3.300	0.000	0.054
T3	135'-130'	A	0.000	0.000	16.360	0.000	0.099
		B	0.000	0.000	13.874	0.000	0.093
		C	0.000	0.000	3.300	0.000	0.054
T4	130'-125'	A	0.000	0.000	16.360	0.000	0.099
		B	0.000	0.000	13.874	0.000	0.093
		C	0.000	0.000	3.300	0.000	0.054
T5	125'-120'	A	0.000	0.000	17.193	0.000	0.141
		B	0.000	0.000	16.604	0.000	0.111
		C	0.000	0.000	3.300	0.000	0.054
T6	120'-113'4"	A	0.000	0.000	22.924	0.000	0.189
		B	0.000	0.000	22.138	0.000	0.148
		C	0.000	0.000	4.400	0.000	0.072
T7	113'4"-106'8"	A	0.000	0.000	29.245	0.000	0.287
		B	0.000	0.000	22.138	0.000	0.148
		C	0.000	0.000	4.400	0.000	0.072
T8	106'8"-100'	A	0.000	0.000	29.578	0.000	0.293
		B	0.000	0.000	22.138	0.000	0.148
		C	0.000	0.000	4.400	0.000	0.072
T9	100'-93'4"	A	0.000	0.000	29.578	0.000	0.293
		B	0.000	0.000	22.138	0.000	0.148
		C	0.000	0.000	4.400	0.000	0.072
T10	93'4"-86'8"	A	0.000	0.000	29.578	0.000	0.293
		B	0.000	0.000	22.138	0.000	0.148
		C	0.000	0.000	4.400	0.000	0.072
T11	86'8"-80'	A	0.000	0.000	29.578	0.000	0.293
		B	0.000	0.000	22.138	0.000	0.148
		C	0.000	0.000	4.400	0.000	0.072
T12	80'-73'4"	A	0.000	0.000	29.578	0.000	0.293
		B	0.000	0.000	22.138	0.000	0.148
		C	0.000	0.000	4.400	0.000	0.072
T13	73'4"-66'8"	A	0.000	0.000	29.578	0.000	0.293
		B	0.000	0.000	22.138	0.000	0.148
		C	0.000	0.000	4.400	0.000	0.072
T14	66'8"-60'	A	0.000	0.000	29.578	0.000	0.293
		B	0.000	0.000	22.138	0.000	0.148
		C	0.000	0.000	4.400	0.000	0.072
T15	60'-50'	A	0.000	0.000	44.808	0.000	0.440
		B	0.000	0.000	33.207	0.000	0.221
		C	0.000	0.000	6.600	0.000	0.108
T16	50'-40'	A	0.000	0.000	44.997	0.000	0.440
		B	0.000	0.000	33.711	0.000	0.223
		C	0.000	0.000	6.600	0.000	0.108
T17	40'-30'	A	0.000	0.000	44.997	0.000	0.440
		B	0.000	0.000	33.837	0.000	0.223
		C	0.000	0.000	6.600	0.000	0.108
T18	30'-20'	A	0.000	0.000	44.997	0.000	0.440
		B	0.000	0.000	33.837	0.000	0.223
		C	0.000	0.000	6.600	0.000	0.108
T19	20'-0'	A	0.000	0.000	89.993	0.000	0.881
		B	0.000	0.000	67.675	0.000	0.446
		C	0.000	0.000	13.200	0.000	0.215

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
T1	160'-140'	A	1.483	0.000	0.000	62.911	0.000	1.304
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	5.587	0.000	0.111
T2	140'-135'	A	1.471	0.000	0.000	18.470	0.000	0.382
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	6.241	0.000	0.132
T3	135'-130'	A	1.465	0.000	0.000	18.456	0.000	0.381
		B		0.000	0.000	29.963	0.000	0.422
		C		0.000	0.000	6.230	0.000	0.131
T4	130'-125'	A	1.460	0.000	0.000	18.441	0.000	0.380
		B		0.000	0.000	29.907	0.000	0.420
		C		0.000	0.000	6.219	0.000	0.131
T5	125'-120'	A	1.454	0.000	0.000	20.713	0.000	0.448
		B		0.000	0.000	38.012	0.000	0.516
		C		0.000	0.000	6.207	0.000	0.130
T6	120'-113'4"	A	1.447	0.000	0.000	27.584	0.000	0.595
		B		0.000	0.000	50.564	0.000	0.685
		C		0.000	0.000	8.258	0.000	0.173
T7	113'4"-106'8"	A	1.438	0.000	0.000	41.121	0.000	0.837
		B		0.000	0.000	50.421	0.000	0.681
		C		0.000	0.000	8.235	0.000	0.172
T8	106'8"-100'	A	1.429	0.000	0.000	41.761	0.000	0.847
		B		0.000	0.000	50.270	0.000	0.677
		C		0.000	0.000	8.211	0.000	0.171
T9	100'-93'4"	A	1.420	0.000	0.000	41.682	0.000	0.843
		B		0.000	0.000	50.110	0.000	0.673
		C		0.000	0.000	8.186	0.000	0.171
T10	93'4"-86'8"	A	1.410	0.000	0.000	41.598	0.000	0.840
		B		0.000	0.000	49.940	0.000	0.669
		C		0.000	0.000	8.159	0.000	0.170
T11	86'8"-80'	A	1.399	0.000	0.000	41.508	0.000	0.836
		B		0.000	0.000	49.758	0.000	0.664
		C		0.000	0.000	8.130	0.000	0.169
T12	80'-73'4"	A	1.387	0.000	0.000	41.411	0.000	0.832
		B		0.000	0.000	49.563	0.000	0.659
		C		0.000	0.000	8.099	0.000	0.167
T13	73'4"-66'8"	A	1.375	0.000	0.000	41.306	0.000	0.827
		B		0.000	0.000	49.351	0.000	0.654
		C		0.000	0.000	8.066	0.000	0.166
T14	66'8"-60'	A	1.361	0.000	0.000	41.193	0.000	0.822
		B		0.000	0.000	49.121	0.000	0.649
		C		0.000	0.000	8.029	0.000	0.165
T15	60'-50'	A	1.342	0.000	0.000	63.870	0.000	1.247
		B		0.000	0.000	73.201	0.000	0.961
		C		0.000	0.000	11.967	0.000	0.245
T16	50'-40'	A	1.315	0.000	0.000	64.479	0.000	1.242
		B		0.000	0.000	75.137	0.000	0.971
		C		0.000	0.000	11.861	0.000	0.241
T17	40'-30'	A	1.283	0.000	0.000	64.006	0.000	1.223
		B		0.000	0.000	74.900	0.000	0.956
		C		0.000	0.000	11.730	0.000	0.237
T18	30'-20'	A	1.240	0.000	0.000	63.393	0.000	1.200
		B		0.000	0.000	73.746	0.000	0.929
		C		0.000	0.000	11.560	0.000	0.231
T19	20'-0'	A	1.132	0.000	0.000	123.648	0.000	2.280
		B		0.000	0.000	141.590	0.000	1.724
		C		0.000	0.000	22.252	0.000	0.434

Feed Line Center of Pressure

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
T1	160'-140'	-2.354	-12.448	-2.504	-9.867
T2	140'-135'	-4.165	-10.907	-4.942	-7.847
T3	135'-130'	-2.305	-20.981	-2.248	-20.282
T4	130'-125'	-2.416	-22.081	-2.364	-21.344
T5	125'-120'	-2.493	-23.214	-2.886	-22.873
T6	120'-113'4"	-2.538	-23.793	-3.051	-24.212
T7	113'4"-106'8"	-6.065	-21.850	-6.938	-21.723
T8	106'8"-100'	-5.999	-21.393	-6.973	-21.398
T9	100'-93'4"	-6.741	-23.696	-7.771	-23.673
T10	93'4"-86'8"	-7.012	-24.747	-8.109	-24.767
T11	86'8"-80'	-6.533	-23.676	-7.740	-24.007
T12	80'-73'4"	-7.004	-25.251	-8.418	-26.043
T13	73'4"-66'8"	-6.587	-24.270	-8.028	-25.177
T14	66'8"-60'	-6.668	-24.729	-8.203	-25.844
T15	60'-50'	-8.508	-30.496	-9.977	-31.384
T16	50'-40'	-7.828	-29.417	-9.259	-31.433
T17	40'-30'	-7.894	-30.055	-9.419	-32.576
T18	30'-20'	-6.931	-27.233	-8.493	-30.000
T19	20'-0'	-8.877	-33.705	-10.355	-36.029

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T1	6	LDF7-50A(1-5/8)	140.00 - 157.00	0.6000	0.6000
T1	8	Feedline Ladder (Af)	140.00 - 157.00	0.6000	0.6000
T1	23	Feedline Ladder (Af)	140.00 - 143.00	0.6000	0.6000
T1	25	CU12PSM9P6XXX(1-1/2)	140.00 - 147.00	0.6000	0.6000
T2	6	LDF7-50A(1-5/8)	135.00 - 140.00	0.6000	0.6000
T2	8	Feedline Ladder (Af)	135.00 - 140.00	0.6000	0.6000
T2	23	Feedline Ladder (Af)	135.00 - 140.00	0.6000	0.6000
T2	25	CU12PSM9P6XXX(1-1/2)	135.00 - 140.00	0.6000	0.6000
T3	6	LDF7-50A(1-5/8)	130.00 - 135.00	0.6000	0.6000
T3	8	Feedline Ladder (Af)	130.00 - 135.00	0.6000	0.6000
T3	10	FB-L98B-002-75000(3/8)	130.00 - 135.00	0.6000	0.6000
T3	11	WR-VG86ST-BRD(3/4)	130.00 - 135.00	0.6000	0.6000
T3	12	FB-L98B-002-75000(3/8)	130.00 - 135.00	0.6000	0.6000
T3	13	WR-VG86ST-BRD(3/4)	130.00 - 135.00	0.6000	0.6000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T3	14	LDF6-50A(1-1/4)	130.00 - 135.00	0.6000	0.6000
T3	15	LCF114-50J(1-1/4)	130.00 - 135.00	0.6000	0.6000
T3	16	Feedline Ladder (Af)	130.00 - 135.00	0.6000	0.6000
T3	23	Feedline Ladder (Af)	130.00 - 135.00	0.6000	0.6000
T3	25	CU12PSM9P6XXX(1-1/2)	130.00 - 135.00	0.6000	0.6000
T4	6	LDF7-50A(1-5/8)	125.00 - 130.00	0.6000	0.6000
T4	8	Feedline Ladder (Af)	125.00 - 130.00	0.6000	0.6000
T4	10	FB-L98B-002-75000(3/8)	125.00 - 130.00	0.6000	0.6000
T4	11	WR-VG86ST-BRD(3/4)	125.00 - 130.00	0.6000	0.6000
T4	12	FB-L98B-002-75000(3/8)	125.00 - 130.00	0.6000	0.6000
T4	13	WR-VG86ST-BRD(3/4)	125.00 - 130.00	0.6000	0.6000
T4	14	LDF6-50A(1-1/4)	125.00 - 130.00	0.6000	0.6000
T4	15	LCF114-50J(1-1/4)	125.00 - 130.00	0.6000	0.6000
T4	16	Feedline Ladder (Af)	125.00 - 130.00	0.6000	0.6000
T4	23	Feedline Ladder (Af)	125.00 - 130.00	0.6000	0.6000
T4	25	CU12PSM9P6XXX(1-1/2)	125.00 - 130.00	0.6000	0.6000
T5	6	LDF7-50A(1-5/8)	120.00 - 125.00	0.6000	0.6000
T5	8	Feedline Ladder (Af)	120.00 - 125.00	0.6000	0.6000
T5	10	FB-L98B-002-75000(3/8)	120.00 - 125.00	0.6000	0.6000
T5	11	WR-VG86ST-BRD(3/4)	120.00 - 125.00	0.6000	0.6000
T5	12	FB-L98B-002-75000(3/8)	120.00 - 125.00	0.6000	0.6000
T5	13	WR-VG86ST-BRD(3/4)	120.00 - 125.00	0.6000	0.6000
T5	14	LDF6-50A(1-1/4)	120.00 - 125.00	0.6000	0.6000
T5	15	LCF114-50J(1-1/4)	120.00 - 125.00	0.6000	0.6000
T5	16	Feedline Ladder (Af)	120.00 - 125.00	0.6000	0.6000
T5	19	HB058-M12-XXXF(5/8)	120.00 - 125.00	0.6000	0.6000
T5	20	HB114-1-08U4-M5J(1-1/4)	120.00 - 125.00	0.6000	0.6000
T5	21	T-Brackets (Af)	120.00 - 125.00	0.6000	0.6000
T5	23	Feedline Ladder (Af)	120.00 - 125.00	0.6000	0.6000
T5	25	CU12PSM9P6XXX(1-1/2)	120.00 - 125.00	0.6000	0.6000
T6	6	LDF7-50A(1-5/8)	113.33 - 120.00	0.6000	0.6000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T6	8	Feedline Ladder (Af)	113.33 - 120.00	0.6000	0.6000
T6	10	FB-L98B-002-75000(3/8)	113.33 - 120.00	0.6000	0.6000
T6	11	WR-VG86ST-BRD(3/4)	113.33 - 120.00	0.6000	0.6000
T6	12	FB-L98B-002-75000(3/8)	113.33 - 120.00	0.6000	0.6000
T6	13	WR-VG86ST-BRD(3/4)	113.33 - 120.00	0.6000	0.6000
T6	14	LDF6-50A(1-1/4)	113.33 - 120.00	0.6000	0.6000
T6	15	LCF114-50J(1-1/4)	113.33 - 120.00	0.6000	0.6000
T6	16	Feedline Ladder (Af)	113.33 - 120.00	0.6000	0.6000
T6	19	HB058-M12-XXXF(5/8)	113.33 - 120.00	0.6000	0.6000
T6	20	HB114-1-08U4-M5J(1-1/4)	113.33 - 120.00	0.6000	0.6000
T6	21	T-Brackets (Af)	113.33 - 120.00	0.6000	0.6000
T6	23	Feedline Ladder (Af)	113.33 - 120.00	0.6000	0.6000
T6	25	CU12PSM9P6XXX(1-1/2)	113.33 - 120.00	0.6000	0.6000
T7	1	HCS 6X12 4AWG(1-5/8)	106.67 - 113.00	0.6000	0.6000
T7	2	Feedline Ladder (Af)	106.67 - 113.00	0.6000	0.6000
T7	6	LDF7-50A(1-5/8)	106.67 - 113.33	0.6000	0.6000
T7	8	Feedline Ladder (Af)	106.67 - 113.33	0.6000	0.6000
T7	10	FB-L98B-002-75000(3/8)	106.67 - 113.33	0.6000	0.6000
T7	11	WR-VG86ST-BRD(3/4)	106.67 - 113.33	0.6000	0.6000
T7	12	FB-L98B-002-75000(3/8)	106.67 - 113.33	0.6000	0.6000
T7	13	WR-VG86ST-BRD(3/4)	106.67 - 113.33	0.6000	0.6000
T7	14	LDF6-50A(1-1/4)	106.67 - 113.33	0.6000	0.6000
T7	15	LCF114-50J(1-1/4)	106.67 - 113.33	0.6000	0.6000
T7	16	Feedline Ladder (Af)	106.67 - 113.33	0.6000	0.6000
T7	19	HB058-M12-XXXF(5/8)	106.67 - 113.33	0.6000	0.6000
T7	20	HB114-1-08U4-M5J(1-1/4)	106.67 - 113.33	0.6000	0.6000
T7	21	T-Brackets (Af)	106.67 - 113.33	0.6000	0.6000
T7	23	Feedline Ladder (Af)	106.67 - 113.33	0.6000	0.6000
T7	25	CU12PSM9P6XXX(1-1/2)	106.67 - 113.33	0.6000	0.6000
T8	1	HCS 6X12 4AWG(1-5/8)	100.00 - 106.67	0.6000	0.6000
T8	2	Feedline Ladder (Af)	100.00 - 106.67	0.6000	0.6000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T8	6	LDF7-50A(1-5/8)	100.00 - 106.67	0.6000	0.6000
T8	8	Feedline Ladder (Af)	100.00 - 106.67	0.6000	0.6000
T8	10	FB-L98B-002-75000(3/8)	100.00 - 106.67	0.6000	0.6000
T8	11	WR-VG86ST-BRD(3/4)	100.00 - 106.67	0.6000	0.6000
T8	12	FB-L98B-002-75000(3/8)	100.00 - 106.67	0.6000	0.6000
T8	13	WR-VG86ST-BRD(3/4)	100.00 - 106.67	0.6000	0.6000
T8	14	LDF6-50A(1-1/4)	100.00 - 106.67	0.6000	0.6000
T8	15	LCF114-50J(1-1/4)	100.00 - 106.67	0.6000	0.6000
T8	16	Feedline Ladder (Af)	100.00 - 106.67	0.6000	0.6000
T8	19	HB058-M12-XXXF(5/8)	100.00 - 106.67	0.6000	0.6000
T8	20	HB114-1-08U4-M5J(1-1/4)	100.00 - 106.67	0.6000	0.6000
T8	21	T-Brackets (Af)	100.00 - 106.67	0.6000	0.6000
T8	23	Feedline Ladder (Af)	100.00 - 106.67	0.6000	0.6000
T8	25	CU12PSM9P6XXX(1-1/2)	100.00 - 106.67	0.6000	0.6000
T9	1	HCS 6X12 4AWG(1-5/8)	93.33 - 100.00	0.6000	0.6000
T9	2	Feedline Ladder (Af)	93.33 - 100.00	0.6000	0.6000
T9	6	LDF7-50A(1-5/8)	93.33 - 100.00	0.6000	0.6000
T9	8	Feedline Ladder (Af)	93.33 - 100.00	0.6000	0.6000
T9	10	FB-L98B-002-75000(3/8)	93.33 - 100.00	0.6000	0.6000
T9	11	WR-VG86ST-BRD(3/4)	93.33 - 100.00	0.6000	0.6000
T9	12	FB-L98B-002-75000(3/8)	93.33 - 100.00	0.6000	0.6000
T9	13	WR-VG86ST-BRD(3/4)	93.33 - 100.00	0.6000	0.6000
T9	14	LDF6-50A(1-1/4)	93.33 - 100.00	0.6000	0.6000
T9	15	LCF114-50J(1-1/4)	93.33 - 100.00	0.6000	0.6000
T9	16	Feedline Ladder (Af)	93.33 - 100.00	0.6000	0.6000
T9	19	HB058-M12-XXXF(5/8)	93.33 - 100.00	0.6000	0.6000
T9	20	HB114-1-08U4-M5J(1-1/4)	93.33 - 100.00	0.6000	0.6000
T9	21	T-Brackets (Af)	93.33 - 100.00	0.6000	0.6000
T9	23	Feedline Ladder (Af)	93.33 - 100.00	0.6000	0.6000
T9	25	CU12PSM9P6XXX(1-1/2)	93.33 - 100.00	0.6000	0.6000
T10	1	HCS 6X12 4AWG(1-5/8)	86.67 - 93.33	0.6000	0.6000
T10	2	Feedline Ladder (Af)	86.67 - 93.33	0.6000	0.6000
T10	6	LDF7-50A(1-5/8)	86.67 - 93.33	0.6000	0.6000
T10	8	Feedline Ladder (Af)	86.67 - 93.33	0.6000	0.6000
T10	10	FB-L98B-002-75000(3/8)	86.67 - 93.33	0.6000	0.6000
T10	11	WR-VG86ST-BRD(3/4)	86.67 - 93.33	0.6000	0.6000
T10	12	FB-L98B-002-75000(3/8)	86.67 - 93.33	0.6000	0.6000
T10	13	WR-VG86ST-BRD(3/4)	86.67 - 93.33	0.6000	0.6000
T10	14	LDF6-50A(1-1/4)	86.67 - 93.33	0.6000	0.6000
T10	15	LCF114-50J(1-1/4)	86.67 - 93.33	0.6000	0.6000
T10	16	Feedline Ladder (Af)	86.67 - 93.33	0.6000	0.6000
T10	19	HB058-M12-XXXF(5/8)	86.67 - 93.33	0.6000	0.6000
T10	20	HB114-1-08U4-M5J(1-1/4)	86.67 - 93.33	0.6000	0.6000
T10	21	T-Brackets (Af)	86.67 - 93.33	0.6000	0.6000
T10	23	Feedline Ladder (Af)	86.67 - 93.33	0.6000	0.6000
T10	25	CU12PSM9P6XXX(1-1/2)	86.67 - 93.33	0.6000	0.6000
T11	1	HCS 6X12 4AWG(1-5/8)	80.00 - 86.67	0.6000	0.6000
T11	2	Feedline Ladder (Af)	80.00 - 86.67	0.6000	0.6000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T11	6	LDF7-50A(1-5/8)	80.00 - 86.67	0.6000	0.6000
T11	8	Feedline Ladder (Af)	80.00 - 86.67	0.6000	0.6000
T11	10	FB-L98B-002-75000(3/8)	80.00 - 86.67	0.6000	0.6000
T11	11	WR-VG86ST-BRD(3/4)	80.00 - 86.67	0.6000	0.6000
T11	12	FB-L98B-002-75000(3/8)	80.00 - 86.67	0.6000	0.6000
T11	13	WR-VG86ST-BRD(3/4)	80.00 - 86.67	0.6000	0.6000
T11	14	LDF6-50A(1-1/4)	80.00 - 86.67	0.6000	0.6000
T11	15	LCF114-50J(1-1/4)	80.00 - 86.67	0.6000	0.6000
T11	16	Feedline Ladder (Af)	80.00 - 86.67	0.6000	0.6000
T11	19	HB058-M12-XXXF(5/8)	80.00 - 86.67	0.6000	0.6000
T11	20	HB114-1-08U4-M5J(1-1/4)	80.00 - 86.67	0.6000	0.6000
T11	21	T-Brackets (Af)	80.00 - 86.67	0.6000	0.6000
T11	23	Feedline Ladder (Af)	80.00 - 86.67	0.6000	0.6000
T11	25	CU12PSM9P6XXX(1-1/2)	80.00 - 86.67	0.6000	0.6000
T12	1	HCS 6X12 4AWG(1-5/8)	73.33 - 80.00	0.6000	0.6000
T12	2	Feedline Ladder (Af)	73.33 - 80.00	0.6000	0.6000
T12	6	LDF7-50A(1-5/8)	73.33 - 80.00	0.6000	0.6000
T12	8	Feedline Ladder (Af)	73.33 - 80.00	0.6000	0.6000
T12	10	FB-L98B-002-75000(3/8)	73.33 - 80.00	0.6000	0.6000
T12	11	WR-VG86ST-BRD(3/4)	73.33 - 80.00	0.6000	0.6000
T12	12	FB-L98B-002-75000(3/8)	73.33 - 80.00	0.6000	0.6000
T12	13	WR-VG86ST-BRD(3/4)	73.33 - 80.00	0.6000	0.6000
T12	14	LDF6-50A(1-1/4)	73.33 - 80.00	0.6000	0.6000
T12	15	LCF114-50J(1-1/4)	73.33 - 80.00	0.6000	0.6000
T12	16	Feedline Ladder (Af)	73.33 - 80.00	0.6000	0.6000
T12	19	HB058-M12-XXXF(5/8)	73.33 - 80.00	0.6000	0.6000
T12	20	HB114-1-08U4-M5J(1-1/4)	73.33 - 80.00	0.6000	0.6000
T12	21	T-Brackets (Af)	73.33 - 80.00	0.6000	0.6000
T12	23	Feedline Ladder (Af)	73.33 - 80.00	0.6000	0.6000
T12	25	CU12PSM9P6XXX(1-1/2)	73.33 - 80.00	0.6000	0.6000
T13	1	HCS 6X12 4AWG(1-5/8)	66.67 - 73.33	0.6000	0.6000
T13	2	Feedline Ladder (Af)	66.67 - 73.33	0.6000	0.6000
T13	6	LDF7-50A(1-5/8)	66.67 - 73.33	0.6000	0.6000
T13	8	Feedline Ladder (Af)	66.67 - 73.33	0.6000	0.6000
T13	10	FB-L98B-002-75000(3/8)	66.67 - 73.33	0.6000	0.6000
T13	11	WR-VG86ST-BRD(3/4)	66.67 - 73.33	0.6000	0.6000
T13	12	FB-L98B-002-75000(3/8)	66.67 - 73.33	0.6000	0.6000
T13	13	WR-VG86ST-BRD(3/4)	66.67 - 73.33	0.6000	0.6000
T13	14	LDF6-50A(1-1/4)	66.67 - 73.33	0.6000	0.6000
T13	15	LCF114-50J(1-1/4)	66.67 - 73.33	0.6000	0.6000
T13	16	Feedline Ladder (Af)	66.67 - 73.33	0.6000	0.6000
T13	19	HB058-M12-XXXF(5/8)	66.67 - 73.33	0.6000	0.6000
T13	20	HB114-1-08U4-M5J(1-1/4)	66.67 - 73.33	0.6000	0.6000
T13	21	T-Brackets (Af)	66.67 - 73.33	0.6000	0.6000
T13	23	Feedline Ladder (Af)	66.67 - 73.33	0.6000	0.6000
T13	25	CU12PSM9P6XXX(1-1/2)	66.67 - 73.33	0.6000	0.6000
T14	1	HCS 6X12 4AWG(1-5/8)	60.00 - 66.67	0.6000	0.6000
T14	2	Feedline Ladder (Af)	60.00 - 66.67	0.6000	0.6000
T14	6	LDF7-50A(1-5/8)	60.00 - 66.67	0.6000	0.6000
T14	8	Feedline Ladder (Af)	60.00 - 66.67	0.6000	0.6000
T14	10	FB-L98B-002-75000(3/8)	60.00 - 66.67	0.6000	0.6000
T14	11	WR-VG86ST-BRD(3/4)	60.00 - 66.67	0.6000	0.6000
T14	12	FB-L98B-002-75000(3/8)	60.00 - 66.67	0.6000	0.6000
T14	13	WR-VG86ST-BRD(3/4)	60.00 - 66.67	0.6000	0.6000
T14	14	LDF6-50A(1-1/4)	60.00 - 66.67	0.6000	0.6000
T14	15	LCF114-50J(1-1/4)	60.00 - 66.67	0.6000	0.6000
T14	16	Feedline Ladder (Af)	60.00 - 66.67	0.6000	0.6000
T14	19	HB058-M12-XXXF(5/8)	60.00 - 66.67	0.6000	0.6000
T14	20	HB114-1-08U4-M5J(1-1/4)	60.00 - 66.67	0.6000	0.6000
T14	21	T-Brackets (Af)	60.00 - 66.67	0.6000	0.6000
T14	23	Feedline Ladder (Af)	60.00 - 66.67	0.6000	0.6000
T14	25	CU12PSM9P6XXX(1-1/2)	60.00 - 66.67	0.6000	0.6000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T15	1	HCS 6X12 4AWG(1-5/8)	50.00 - 60.00	0.6000	0.6000
T15	2	Feedline Ladder (Af)	50.00 - 60.00	0.6000	0.6000
T15	4	LDF4-50A(1/2)	50.00 - 57.00	0.6000	0.6000
T15	6	LDF7-50A(1-5/8)	50.00 - 60.00	0.6000	0.6000
T15	8	Feedline Ladder (Af)	50.00 - 60.00	0.6000	0.6000
T15	10	FB-L98B-002-75000(3/8)	50.00 - 60.00	0.6000	0.6000
T15	11	WR-VG86ST-BRD(3/4)	50.00 - 60.00	0.6000	0.6000
T15	12	FB-L98B-002-75000(3/8)	50.00 - 60.00	0.6000	0.6000
T15	13	WR-VG86ST-BRD(3/4)	50.00 - 60.00	0.6000	0.6000
T15	14	LDF6-50A(1-1/4)	50.00 - 60.00	0.6000	0.6000
T15	15	LCF114-50J(1-1/4)	50.00 - 60.00	0.6000	0.6000
T15	16	Feedline Ladder (Af)	50.00 - 60.00	0.6000	0.6000
T15	19	HB058-M12-XXXF(5/8)	50.00 - 60.00	0.6000	0.6000
T15	20	HB114-1-08U4-M5J(1-1/4)	50.00 - 60.00	0.6000	0.6000
T15	21	T-Brackets (Af)	50.00 - 60.00	0.6000	0.6000
T15	23	Feedline Ladder (Af)	50.00 - 60.00	0.6000	0.6000
T15	25	CU12PSM9P6XXX(1-1/2)	50.00 - 60.00	0.6000	0.6000
T16	1	HCS 6X12 4AWG(1-5/8)	40.00 - 50.00	0.6000	0.6000
T16	2	Feedline Ladder (Af)	40.00 - 50.00	0.6000	0.6000
T16	4	LDF4-50A(1/2)	40.00 - 50.00	0.6000	0.6000
T16	6	LDF7-50A(1-5/8)	40.00 - 50.00	0.6000	0.6000
T16	8	Feedline Ladder (Af)	40.00 - 50.00	0.6000	0.6000
T16	10	FB-L98B-002-75000(3/8)	40.00 - 50.00	0.6000	0.6000
T16	11	WR-VG86ST-BRD(3/4)	40.00 - 50.00	0.6000	0.6000
T16	12	FB-L98B-002-75000(3/8)	40.00 - 50.00	0.6000	0.6000
T16	13	WR-VG86ST-BRD(3/4)	40.00 - 50.00	0.6000	0.6000
T16	14	LDF6-50A(1-1/4)	40.00 - 50.00	0.6000	0.6000
T16	15	LCF114-50J(1-1/4)	40.00 - 50.00	0.6000	0.6000
T16	16	Feedline Ladder (Af)	40.00 - 50.00	0.6000	0.6000
T16	18	LDF4-50A(1/2)	40.00 - 48.00	0.6000	0.6000
T16	19	HB058-M12-XXXF(5/8)	40.00 - 50.00	0.6000	0.6000
T16	20	HB114-1-08U4-M5J(1-1/4)	40.00 - 50.00	0.6000	0.6000
T16	21	T-Brackets (Af)	40.00 - 50.00	0.6000	0.6000
T16	23	Feedline Ladder (Af)	40.00 - 50.00	0.6000	0.6000
T16	25	CU12PSM9P6XXX(1-1/2)	40.00 - 50.00	0.6000	0.6000
T17	1	HCS 6X12 4AWG(1-5/8)	30.00 - 40.00	0.6000	0.6000
T17	2	Feedline Ladder (Af)	30.00 - 40.00	0.6000	0.6000
T17	4	LDF4-50A(1/2)	30.00 - 40.00	0.6000	0.6000
T17	6	LDF7-50A(1-5/8)	30.00 - 40.00	0.6000	0.6000
T17	8	Feedline Ladder (Af)	30.00 - 40.00	0.6000	0.6000
T17	10	FB-L98B-002-75000(3/8)	30.00 - 40.00	0.6000	0.6000
T17	11	WR-VG86ST-BRD(3/4)	30.00 - 40.00	0.6000	0.6000
T17	12	FB-L98B-002-75000(3/8)	30.00 - 40.00	0.6000	0.6000
T17	13	WR-VG86ST-BRD(3/4)	30.00 - 40.00	0.6000	0.6000
T17	14	LDF6-50A(1-1/4)	30.00 - 40.00	0.6000	0.6000
T17	15	LCF114-50J(1-1/4)	30.00 - 40.00	0.6000	0.6000
T17	16	Feedline Ladder (Af)	30.00 - 40.00	0.6000	0.6000
T17	18	LDF4-50A(1/2)	30.00 - 40.00	0.6000	0.6000
T17	19	HB058-M12-XXXF(5/8)	30.00 - 40.00	0.6000	0.6000
T17	20	HB114-1-08U4-M5J(1-1/4)	30.00 - 40.00	0.6000	0.6000
T17	21	T-Brackets (Af)	30.00 - 40.00	0.6000	0.6000
T17	23	Feedline Ladder (Af)	30.00 - 40.00	0.6000	0.6000
T17	25	CU12PSM9P6XXX(1-1/2)	30.00 - 40.00	0.6000	0.6000
T18	1	HCS 6X12 4AWG(1-5/8)	20.00 - 30.00	0.6000	0.6000
T18	2	Feedline Ladder (Af)	20.00 - 30.00	0.6000	0.6000
T18	4	LDF4-50A(1/2)	20.00 - 30.00	0.6000	0.6000
T18	6	LDF7-50A(1-5/8)	20.00 - 30.00	0.6000	0.6000
T18	8	Feedline Ladder (Af)	20.00 - 30.00	0.6000	0.6000
T18	10	FB-L98B-002-75000(3/8)	20.00 - 30.00	0.6000	0.6000
T18	11	WR-VG86ST-BRD(3/4)	20.00 - 30.00	0.6000	0.6000
T18	12	FB-L98B-002-75000(3/8)	20.00 - 30.00	0.6000	0.6000
T18	13	WR-VG86ST-BRD(3/4)	20.00 - 30.00	0.6000	0.6000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T18	14	LDF6-50A(1-1/4)	20.00 - 30.00	0.6000	0.6000
T18	15	LCF114-50J(1-1/4)	20.00 - 30.00	0.6000	0.6000
T18	16	Feedline Ladder (Af)	20.00 - 30.00	0.6000	0.6000
T18	18	LDF4-50A(1/2)	20.00 - 30.00	0.6000	0.6000
T18	19	HB058-M12-XXXF(5/8)	20.00 - 30.00	0.6000	0.6000
T18	20	HB114-1-08U4-M5J(1-1/4)	20.00 - 30.00	0.6000	0.6000
T18	21	T-Brackets (Af)	20.00 - 30.00	0.6000	0.6000
T18	23	Feedline Ladder (Af)	20.00 - 30.00	0.6000	0.6000
T18	25	CU12PSM9P6XXX(1-1/2)	20.00 - 30.00	0.6000	0.6000
T19	1	HCS 6X12 4AWG(1-5/8)	0.00 - 20.00	0.6000	0.6000
T19	2	Feedline Ladder (Af)	0.00 - 20.00	0.6000	0.6000
T19	4	LDF4-50A(1/2)	0.00 - 20.00	0.6000	0.6000
T19	6	LDF7-50A(1-5/8)	0.00 - 20.00	0.6000	0.6000
T19	8	Feedline Ladder (Af)	0.00 - 20.00	0.6000	0.6000
T19	10	FB-L98B-002-75000(3/8)	0.00 - 20.00	0.6000	0.6000
T19	11	WR-VG86ST-BRD(3/4)	0.00 - 20.00	0.6000	0.6000
T19	12	FB-L98B-002-75000(3/8)	0.00 - 20.00	0.6000	0.6000
T19	13	WR-VG86ST-BRD(3/4)	0.00 - 20.00	0.6000	0.6000
T19	14	LDF6-50A(1-1/4)	0.00 - 20.00	0.6000	0.6000
T19	15	LCF114-50J(1-1/4)	0.00 - 20.00	0.6000	0.6000
T19	16	Feedline Ladder (Af)	0.00 - 20.00	0.6000	0.6000
T19	18	LDF4-50A(1/2)	0.00 - 20.00	0.6000	0.6000
T19	19	HB058-M12-XXXF(5/8)	0.00 - 20.00	0.6000	0.6000
T19	20	HB114-1-08U4-M5J(1-1/4)	0.00 - 20.00	0.6000	0.6000
T19	21	T-Brackets (Af)	0.00 - 20.00	0.6000	0.6000
T19	23	Feedline Ladder (Af)	0.00 - 20.00	0.6000	0.6000
T19	25	CU12PSM9P6XXX(1-1/2)	0.00 - 20.00	0.6000	0.6000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
(2) APL866513-42T6 w/ Mount Pipe	A	From Leg	4.000 0' 0'	0.000	157'	No Ice 1/2" Ice 1" Ice 2" Ice	3.960 4.440 4.930 5.980	4.250 4.740 5.250 6.300	0.034 0.074 0.122 0.243
(2) LPA-80063/4CF w/ Mount Pipe	B	From Leg	4.000 0' 0'	0.000	157'	No Ice 1/2" Ice 1" Ice 2" Ice	6.385 6.784 7.192 8.035	6.603 7.232 7.876 9.214	0.038 0.104 0.176 0.344
(2) LPA-80063/4CFX5 w/ Mount Pipe	C	From Leg	4.000 0' 0'	0.000	157'	No Ice 1/2" Ice 1" Ice 2" Ice	6.385 6.784 7.192 8.035	6.603 7.232 7.876 9.214	0.038 0.104 0.176 0.344
(2) NHH-65B-R2B w/ Mount Pipe	A	From Leg	4.000 0' 0'	0.000	157'	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.700	3.290 3.670 4.060 4.860	0.069 0.132 0.205 0.385
(2) NHH-65B-R2B w/ Mount Pipe	B	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	4.090 4.480	3.290 3.670	0.069 0.132

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0'			1" Ice	4.880	4.060	0.205
						2" Ice	5.700	4.860	0.385
(2) NHH-65B-R2B w/ Mount Pipe	C	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	4.090 4.480	3.290 3.670	0.069 0.132
			0'			1" Ice	4.880	4.060	0.205
						2" Ice	5.700	4.860	0.385
MT6407-77A w/ Mount Pipe	A	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	4.907 5.256	2.682 3.145	0.096 0.136
			0'			1" Ice	5.615	3.624	0.180
						2" Ice	6.362	4.631	0.288
MT6407-77A w/ Mount Pipe	B	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	4.907 5.256	2.682 3.145	0.096 0.136
			0'			1" Ice	5.615	3.624	0.180
						2" Ice	6.362	4.631	0.288
MT6407-77A w/ Mount Pipe	C	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	4.907 5.256	2.682 3.145	0.096 0.136
			0'			1" Ice	5.615	3.624	0.180
						2" Ice	6.362	4.631	0.288
RF4439D-25A	A	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	1.865 2.035	1.252 1.394	0.075 0.093
			1'			1" Ice	2.212	1.544	0.114
						2" Ice	2.589	1.866	0.165
RF4439D-25A	B	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	1.865 2.035	1.252 1.394	0.075 0.093
			1'			1" Ice	2.212	1.544	0.114
						2" Ice	2.589	1.866	0.165
RF4439D-25A	C	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	1.865 2.035	1.252 1.394	0.075 0.093
			1'			1" Ice	2.212	1.544	0.114
						2" Ice	2.589	1.866	0.165
RF4440D-13A	A	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	1.865 2.035	1.129 1.267	0.073 0.090
			1'			1" Ice	2.212	1.411	0.110
						2" Ice	2.589	1.723	0.159
RF4440D-13A	B	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	1.865 2.035	1.129 1.267	0.073 0.090
			1'			1" Ice	2.212	1.411	0.110
						2" Ice	2.589	1.723	0.159
RF4440D-13A	C	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	1.865 2.035	1.129 1.267	0.073 0.090
			1'			1" Ice	2.212	1.411	0.110
						2" Ice	2.589	1.723	0.159
RVZDC-6627-PF-48_CCIV2	C	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	4.056 4.316	3.098 3.335	0.032 0.068
			1'			1" Ice	4.582	3.580	0.109
						2" Ice	5.138	4.092	0.203
15' x 2" Pipe Mount	A	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	3.563 5.091	3.563 5.091	0.055 0.081
			0'			1" Ice	6.635	6.635	0.118
						2" Ice	9.775	9.775	0.219
15' x 2" Pipe Mount	B	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	3.563 5.091	3.563 5.091	0.055 0.081
			0'			1" Ice	6.635	6.635	0.118
						2" Ice	9.775	9.775	0.219
15' x 2" Pipe Mount	C	From Leg	4.000 0'	0.000	157'	No Ice 1/2" Ice	3.563 5.091	3.563 5.091	0.055 0.081
			0'			1" Ice	6.635	6.635	0.118

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	9.775	9.775	0.219
Mount Reinforcement Specifications	C	None		0.000	157'	No Ice	28.630	28.630	0.280
						1/2" Ice	37.310	37.310	0.670
						1" Ice	45.800	45.800	0.940
						2" Ice	62.380	62.380	1.630
Side Arm Mount [SO 102-3]	C	None		0.000	157'	No Ice	3.600	3.600	0.075
						1/2" Ice	4.180	4.180	0.105
						1" Ice	4.750	4.750	0.135
						2" Ice	5.900	5.900	0.195
Sector Mount [SM 505-3]	C	None		0.000	157'	No Ice	31.660	31.660	1.725
						1/2" Ice	44.640	44.640	2.356
						1" Ice	57.440	57.440	3.189
						2" Ice	82.680	82.680	5.447
*									
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.000 0' 0'	0.000	147'	No Ice	8.010	4.230	0.108
						1/2" Ice	8.520	4.690	0.194
						1" Ice	9.040	5.160	0.292
						2" Ice	10.110	6.120	0.522
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.000 0' 0'	0.000	147'	No Ice	8.010	4.230	0.108
						1/2" Ice	8.520	4.690	0.194
						1" Ice	9.040	5.160	0.292
						2" Ice	10.110	6.120	0.522
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.000 0' 0'	0.000	147'	No Ice	8.010	4.230	0.108
						1/2" Ice	8.520	4.690	0.194
						1" Ice	9.040	5.160	0.292
						2" Ice	10.110	6.120	0.522
TA08025-B604	A	From Leg	4.000 0' 0'	0.000	147'	No Ice	1.964	0.981	0.064
						1/2" Ice	2.138	1.112	0.081
						1" Ice	2.320	1.250	0.100
						2" Ice	2.705	1.548	0.148
TA08025-B604	B	From Leg	4.000 0' 0'	0.000	147'	No Ice	1.964	0.981	0.064
						1/2" Ice	2.138	1.112	0.081
						1" Ice	2.320	1.250	0.100
						2" Ice	2.705	1.548	0.148
TA08025-B604	C	From Leg	4.000 0' 0'	0.000	147'	No Ice	1.964	0.981	0.064
						1/2" Ice	2.138	1.112	0.081
						1" Ice	2.320	1.250	0.100
						2" Ice	2.705	1.548	0.148
TA08025-B605	A	From Leg	4.000 0' 0'	0.000	147'	No Ice	1.964	1.129	0.075
						1/2" Ice	2.138	1.267	0.093
						1" Ice	2.320	1.411	0.114
						2" Ice	2.705	1.723	0.164
TA08025-B605	B	From Leg	4.000 0' 0'	0.000	147'	No Ice	1.964	1.129	0.075
						1/2" Ice	2.138	1.267	0.093
						1" Ice	2.320	1.411	0.114
						2" Ice	2.705	1.723	0.164
TA08025-B605	C	From Leg	4.000 0' 0'	0.000	147'	No Ice	1.964	1.129	0.075
						1/2" Ice	2.138	1.267	0.093
						1" Ice	2.320	1.411	0.114
						2" Ice	2.705	1.723	0.164
RDIDC-9181-PF-48	A	From Leg	4.000 0' 0'	0.000	147'	No Ice	2.012	1.168	0.022
						1/2" Ice	2.189	1.311	0.040
						1" Ice	2.373	1.461	0.060
						2" Ice	2.763	1.784	0.110
(2) 8' x 2" Mount Pipe	A	From Leg	4.000 0' 0'	0.000	147'	No Ice	1.900	1.900	0.029
						1/2" Ice	2.728	2.728	0.044
						1" Ice	3.401	3.401	0.063

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	4.396	4.396	0.119
(2) 8' x 2" Mount Pipe	B	From Leg	4.000 0' 0'	0.000	147'	No Ice 1/2" Ice 1" Ice 2" Ice	1.900 2.728 3.401 4.396	1.900 2.728 3.401 4.396	0.029 0.044 0.063 0.119
(2) 8' x 2" Mount Pipe	C	From Leg	4.000 0' 0'	0.000	147'	No Ice 1/2" Ice 1" Ice 2" Ice	1.900 2.728 3.401 4.396	1.900 2.728 3.401 4.396	0.029 0.044 0.063 0.119
Commscope MTC3975083 (3)	C	None		0.000	147'	No Ice 1/2" Ice 1" Ice 2" Ice	23.850 34.120 44.390 64.930	23.850 34.120 44.390 64.930	1.260 1.803 2.345 3.431
*									
7770.00 w/ Mount Pipe	A	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	5.746 6.179 6.607 7.488	4.254 5.014 5.711 7.155	0.055 0.103 0.157 0.287
7770.00 w/ Mount Pipe	B	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	5.746 6.179 6.607 7.488	4.254 5.014 5.711 7.155	0.055 0.103 0.157 0.287
7770.00 w/ Mount Pipe	C	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	5.746 6.179 6.607 7.488	4.254 5.014 5.711 7.155	0.055 0.103 0.157 0.287
HPA-65R-BUU-H8 w/ Mount Pipe	A	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	12.250 13.190 14.160 16.140	8.330 9.230 10.150 12.050	0.105 0.194 0.297 0.543
HPA-65R-BUU-H8 w/ Mount Pipe	B	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	12.250 13.190 14.160 16.140	8.330 9.230 10.150 12.050	0.105 0.194 0.297 0.543
HPA-65R-BUU-H8 w/ Mount Pipe	C	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	12.250 13.190 14.160 16.140	8.330 9.230 10.150 12.050	0.105 0.194 0.297 0.543
TPA-65R-LCUUUU-H8 w/ Mount Pipe	A	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	11.850 12.770 13.710 15.640	8.990 9.880 10.790 12.660	0.115 0.210 0.319 0.580
TPA-65R-LCUUUU-H8 w/ Mount Pipe	B	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	11.850 12.770 13.710 15.640	8.990 9.880 10.790 12.660	0.115 0.210 0.319 0.580
TPA-65R-LCUUUU-H8 w/ Mount Pipe	C	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	11.850 12.770 13.710 15.640	8.990 9.880 10.790 12.660	0.115 0.210 0.319 0.580
TT19-08BP111-001	A	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	0.545 0.641 0.743 0.971	0.442 0.530 0.626 0.840	0.016 0.022 0.029 0.049
TT19-08BP111-001	B	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice	0.545 0.641 0.743	0.442 0.530 0.626	0.016 0.022 0.029

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	0.971	0.840	0.049
TT19-08BP111-001	C	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	0.545 0.641 0.743 0.971	0.442 0.530 0.626 0.840	0.016 0.022 0.029 0.049
(2) 7020.00	A	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	0.102 0.147 0.199 0.326	0.175 0.239 0.311 0.476	0.002 0.005 0.009 0.022
(2) 7020.00	B	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	0.102 0.147 0.199 0.326	0.175 0.239 0.311 0.476	0.002 0.005 0.009 0.022
(2) 7020.00	C	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	0.102 0.147 0.199 0.326	0.175 0.239 0.311 0.476	0.002 0.005 0.009 0.022
DC6-48-60-18-8F	A	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	1.212 1.892 2.105 2.570	1.212 1.892 2.105 2.570	0.033 0.055 0.080 0.138
DC6-48-60-18-8F	C	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	1.212 1.892 2.105 2.570	1.212 1.892 2.105 2.570	0.033 0.055 0.080 0.138
RRUS 11	A	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	2.784 2.992 3.207 3.658	1.187 1.334 1.490 1.833	0.048 0.068 0.092 0.150
RRUS 11	B	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	2.784 2.992 3.207 3.658	1.187 1.334 1.490 1.833	0.048 0.068 0.092 0.150
RRUS 11	C	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	2.784 2.992 3.207 3.658	1.187 1.334 1.490 1.833	0.048 0.068 0.092 0.150
RRUS 4415 B25	A	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	1.644 1.804 1.972 2.329	0.679 0.791 0.913 1.183	0.044 0.056 0.071 0.109
RRUS 4415 B25	B	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	1.644 1.804 1.972 2.329	0.679 0.791 0.913 1.183	0.044 0.056 0.071 0.109
RRUS 4415 B25	C	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	1.644 1.804 1.972 2.329	0.679 0.791 0.913 1.183	0.044 0.056 0.071 0.109
DBC0062F1V51-1	A	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	0.220 0.289 0.366 0.543	0.711 0.818 0.932 1.182	0.007 0.012 0.018 0.037
DBC0062F1V51-1	B	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	0.220 0.289 0.366 0.543	0.711 0.818 0.932 1.182	0.007 0.012 0.018 0.037

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
DBC0062F1V51-1	C	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	0.220 0.289 0.366 0.543	0.711 0.818 0.932 1.182	0.007 0.012 0.018 0.037
RRUS 4426 B66	A	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	1.644 1.804 1.972 2.329	0.725 0.842 0.969 1.244	0.048 0.061 0.076 0.115
RRUS 4426 B66	B	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	1.644 1.804 1.972 2.329	0.725 0.842 0.969 1.244	0.048 0.061 0.076 0.115
RRUS 4426 B66	C	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	1.644 1.804 1.972 2.329	0.725 0.842 0.969 1.244	0.048 0.061 0.076 0.115
WCS RRUS-32-B30	A	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	3.314 3.558 3.809 4.333	2.424 2.638 2.860 3.324	0.077 0.105 0.136 0.211
WCS RRUS-32-B30	B	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	3.314 3.558 3.809 4.333	2.424 2.638 2.860 3.324	0.077 0.105 0.136 0.211
WCS RRUS-32-B30	C	From Leg	4.000 0' 2'	0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	3.314 3.558 3.809 4.333	2.424 2.638 2.860 3.324	0.077 0.105 0.136 0.211
Sector Mount [SM 504-3]	C	None		0.000	135'	No Ice 1/2" Ice 1" Ice 2" Ice	31.050 43.830 56.440 81.280	31.050 43.830 56.440 81.280	1.708 2.326 3.143 5.358
*									
APXVSPP18-C-A20 w/ Mount Pipe	A	From Leg	4.000 0' 1'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	4.600 5.050 5.500 6.440	4.010 4.450 4.890 5.820	0.095 0.160 0.235 0.419
APXV9ERR18-C-A20 w/ Mount Pipe	B	From Leg	4.000 0' 1'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	4.600 5.050 5.500 6.440	4.010 4.450 4.890 5.820	0.095 0.160 0.235 0.419
APXVSPP18-C-A20 w/ Mount Pipe	C	From Leg	4.000 0' 1'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	4.600 5.050 5.500 6.440	4.010 4.450 4.890 5.820	0.095 0.160 0.235 0.419
APXVTM14-C-120 w/ Mount Pipe	A	From Leg	4.000 0' 1'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
APXVTM14-C-120 w/ Mount Pipe	B	From Leg	4.000 0' 1'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
APXVTM14-C-120 w/ Mount Pipe	C	From Leg	4.000 0' 1'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
TD-RRH8x20-25	A	From Leg	4.000 0' 1'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	4.045 4.298 4.557 5.098	1.535 1.714 1.901 2.295	0.070 0.097 0.128 0.201
TD-RRH8x20-25	B	From Leg	4.000 0' 1'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	4.045 4.298 4.557 5.098	1.535 1.714 1.901 2.295	0.070 0.097 0.128 0.201
TD-RRH8x20-25	C	From Leg	4.000 0' 1'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	4.045 4.298 4.557 5.098	1.535 1.714 1.901 2.295	0.070 0.097 0.128 0.201
800MHz 2X50W RRH W/FILTER	A	From Leg	4.000 0' 0'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	2.058 2.240 2.429 2.829	1.932 2.109 2.293 2.684	0.064 0.086 0.111 0.172
800MHz 2X50W RRH W/FILTER	B	From Leg	4.000 0' 0'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	2.058 2.240 2.429 2.829	1.932 2.109 2.293 2.684	0.064 0.086 0.111 0.172
800MHz 2X50W RRH W/FILTER	C	From Leg	4.000 0' 0'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	2.058 2.240 2.429 2.829	1.932 2.109 2.293 2.684	0.064 0.086 0.111 0.172
1900MHz RRH (65MHz)	A	From Leg	4.000 0' 0'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	2.313 2.517 2.728 3.174	2.375 2.581 2.794 3.243	0.060 0.084 0.111 0.176
1900MHz RRH (65MHz)	B	From Leg	4.000 0' 0'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	2.313 2.517 2.728 3.174	2.375 2.581 2.794 3.243	0.060 0.084 0.111 0.176
1900MHz RRH (65MHz)	C	From Leg	4.000 0' 0'	0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	2.313 2.517 2.728 3.174	2.375 2.581 2.794 3.243	0.060 0.084 0.111 0.176
Sector Mount [SM 402-3]	C	None		0.000	125'	No Ice 1/2" Ice 1" Ice 2" Ice	18.870 26.470 33.990 48.840	18.870 26.470 33.990 48.840	0.851 1.210 1.696 3.044
*									
ERICSSON AIR 21 B4A B2P w/ Mount Pipe	A	From Leg	4.000 0' 1'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	3.140 3.450 3.770 4.430	2.590 2.880 3.190 3.840	0.111 0.163 0.224 0.374
ERICSSON AIR 21 B4A B2P w/ Mount Pipe	B	From Leg	4.000 0' 1'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	3.140 3.450 3.770 4.430	2.590 2.880 3.190 3.840	0.111 0.163 0.224 0.374
ERICSSON AIR 21 B4A B2P w/ Mount Pipe	C	From Leg	4.000 0' 1'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	3.140 3.450 3.770 4.430	2.590 2.880 3.190 3.840	0.111 0.163 0.224 0.374
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Leg	4.000 0' 1'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	14.690 15.460 16.230 17.820	6.870 7.550 8.250 9.670	0.186 0.315 0.458 0.788

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Leg	4.000 0' 1'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	14.690 15.460 16.230 17.820	6.870 7.550 8.250 9.670	0.186 0.315 0.458 0.788
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Leg	4.000 0' 1'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	14.690 15.460 16.230 17.820	6.870 7.550 8.250 9.670	0.186 0.315 0.458 0.788
AIR 32 B2A/B66AA w/ Mount Pipe	A	From Leg	4.000 0' 1'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	3.760 4.120 4.480 5.240	3.150 3.490 3.840 4.580	0.194 0.252 0.320 0.485
AIR 32 B2A/B66AA w/ Mount Pipe	B	From Leg	4.000 0' 1'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	3.760 4.120 4.480 5.240	3.150 3.490 3.840 4.580	0.194 0.252 0.320 0.485
AIR 32 B2A/B66AA w/ Mount Pipe	C	From Leg	4.000 0' 1'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	3.760 4.120 4.480 5.240	3.150 3.490 3.840 4.580	0.194 0.252 0.320 0.485
RADIO 4449 B12/B71	A	From Leg	4.000 0' 1'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	1.650 1.810 1.978 2.336	1.163 1.301 1.447 1.762	0.074 0.090 0.109 0.155
RADIO 4449 B12/B71	B	From Leg	4.000 0' 1'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	1.650 1.810 1.978 2.336	1.163 1.301 1.447 1.762	0.074 0.090 0.109 0.155
RADIO 4449 B12/B71	C	From Leg	4.000 0' 1'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	1.650 1.810 1.978 2.336	1.163 1.301 1.447 1.762	0.074 0.090 0.109 0.155
12.5' x 2.375" Mount Pipe	A	From Leg	4.000 0' 0'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	2.969 4.247 5.542 8.054	2.969 4.247 5.542 8.054	0.036 0.058 0.088 0.174
12.5' x 2.375" Mount Pipe	B	From Leg	4.000 0' 0'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	2.969 4.247 5.542 8.054	2.969 4.247 5.542 8.054	0.036 0.058 0.088 0.174
12.5' x 2.375" Mount Pipe	C	From Leg	4.000 0' 0'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	2.969 4.247 5.542 8.054	2.969 4.247 5.542 8.054	0.036 0.058 0.088 0.174
8' x 2" Mount Pipe	A	From Leg	4.000 0' 0'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	1.900 2.728 3.401 4.396	1.900 2.728 3.401 4.396	0.029 0.044 0.063 0.119
8' x 2" Mount Pipe	B	From Leg	4.000 0' 0'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	1.900 2.728 3.401 4.396	1.900 2.728 3.401 4.396	0.029 0.044 0.063 0.119
8' x 2" Mount Pipe	C	From Leg	4.000 0' 0'	0.000	113'	No Ice 1/2" Ice 1" Ice 2" Ice	1.900 2.728 3.401 4.396	1.900 2.728 3.401 4.396	0.029 0.044 0.063 0.119
Pipe Mount [PM 601-3]	C	None		0.000	113'	No Ice	3.170	3.170	0.195

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
						1/2" Ice	3.790	3.790	0.232
						1" Ice	4.420	4.420	0.279
						2" Ice	5.760	5.760	0.401
Sector Mount [SM 502-3]	C	None		0.000	113'	No Ice	29.820	29.820	1.673
						1/2" Ice	42.210	42.210	2.266
						1" Ice	54.430	54.430	3.052
						2" Ice	78.490	78.490	5.180
*									
GPS_A	A	From Leg	2.000 0' 3'	0.000	57'	No Ice	0.255	0.255	0.001
						1/2" Ice	0.320	0.320	0.005
						1" Ice	0.393	0.393	0.010
						2" Ice	0.561	0.561	0.025
Side Arm Mount [SO 202-1]	A	From Leg	1.000 0' 0'	0.000	57'	No Ice	1.780	2.970	0.110
						1/2" Ice	2.240	3.570	0.133
						1" Ice	2.750	4.190	0.163
						2" Ice	3.890	5.550	0.249
*									
Side Arm Mount [SO 202-1]	C	From Leg	1.000 0' 0'	0.000	48'	No Ice	1.780	2.970	0.110
						1/2" Ice	2.240	3.570	0.133
						1" Ice	2.750	4.190	0.163
						2" Ice	3.890	5.550	0.249
*									
*									
*									

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

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

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T1	160 - 140	Leg	Max Tension	23	15.146	-0.018	-0.016
			Max. Compression	10	-19.912	0.087	0.014
			Max. Mx	6	-1.669	0.733	-0.015
			Max. My	24	-1.561	0.002	-0.844
			Max. Vy	19	-1.314	0.581	0.015
			Max. Vx	12	1.358	0.001	-0.511
		Diagonal	Max Tension	25	3.228	0.000	0.000
			Max. Compression	12	-3.291	0.000	0.000
			Max. Mx	38	0.503	0.027	-0.000
			Max. My	20	-2.316	0.001	0.005
			Max. Vy	38	-0.023	0.027	-0.000
			Max. Vx	20	-0.001	0.000	0.000
		Top Girt	Max Tension	6	0.623	0.000	0.000
			Max. Compression	19	-0.622	0.000	0.000
			Max. Mx	26	-0.003	-0.053	0.000
			Max. My	26	-0.007	0.000	0.000
			Max. Vy	26	0.032	0.000	0.000
			Max. Vx	26	0.000	0.000	0.000
T2	140 - 135	Leg	Max Tension	23	20.431	-0.069	-0.025
			Max. Compression	10	-25.403	0.037	0.016
			Max. Mx	14	18.386	-0.072	-0.006
			Max. My	8	-2.985	0.009	-0.054
			Max. Vy	14	0.039	-0.072	-0.006
			Max. Vx	8	0.052	0.009	0.013
		Diagonal	Max Tension	23	3.043	0.000	0.000

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Compression	10	-3.307	0.000	0.000
			Max. Mx	27	0.355	0.019	0.003
			Max. My	30	0.614	0.017	0.003
			Max. Vy	37	0.021	0.018	-0.003
			Max. Vx	30	-0.001	0.000	0.000
		Top Girt	Max Tension	22	0.336	0.000	0.000
			Max. Compression	3	-0.310	0.000	0.000
			Max. Mx	26	0.025	-0.053	0.000
			Max. My	26	0.022	0.000	0.002
			Max. Vy	26	0.032	0.000	0.000
			Max. Vx	26	-0.001	0.000	0.000
T3	135 - 130	Leg	Max Tension	23	27.897	-0.029	-0.037
			Max. Compression	10	-35.760	0.069	0.024
			Max. Mx	14	25.008	-0.072	-0.006
			Max. My	20	-4.752	-0.009	-0.253
			Max. Vy	10	0.038	0.069	0.024
			Max. Vx	8	-0.131	-0.009	0.252
		Diagonal	Max Tension	12	4.264	0.000	0.000
			Max. Compression	12	-4.223	0.000	0.000
			Max. Mx	38	1.307	0.023	0.002
			Max. My	16	-4.179	-0.002	-0.004
			Max. Vy	38	0.023	0.021	-0.002
			Max. Vx	28	-0.001	0.000	0.000
T4	130 - 125	Leg	Max Tension	23	35.898	-0.115	-0.032
			Max. Compression	10	-44.104	0.024	0.037
			Max. Mx	10	-44.077	0.138	0.031
			Max. My	20	-4.813	-0.009	-0.253
			Max. Vy	10	-0.052	0.138	0.031
			Max. Vx	20	-0.144	-0.009	-0.253
		Diagonal	Max Tension	13	4.228	0.000	0.000
			Max. Compression	12	-4.295	0.000	0.000
			Max. Mx	38	0.500	0.028	-0.003
			Max. My	20	3.851	0.013	-0.004
			Max. Vy	36	0.025	0.024	-0.004
			Max. Vx	36	0.002	0.000	0.000
T5	125 - 120	Leg	Max Tension	23	43.687	-0.050	-0.055
			Max. Compression	10	-53.781	0.138	0.031
			Max. Mx	10	-53.781	0.138	0.031
			Max. My	20	-6.063	-0.016	-0.360
			Max. Vy	10	0.050	0.138	0.031
			Max. Vx	20	0.171	-0.016	-0.360
		Diagonal	Max Tension	12	4.845	0.000	0.000
			Max. Compression	12	-4.863	0.000	0.000
			Max. Mx	38	1.415	0.033	0.002
			Max. My	4	-4.766	-0.003	0.006
			Max. Vy	38	0.029	0.029	-0.003
			Max. Vx	28	-0.002	0.000	0.000
T6	120 - 113.333	Leg	Max Tension	23	53.305	-0.363	-0.067
			Max. Compression	10	-64.001	0.038	0.055
			Max. Mx	10	-63.961	0.391	0.066
			Max. My	20	-6.236	-0.016	-0.360
			Max. Vy	10	-0.099	0.391	0.066
			Max. Vx	20	-0.148	-0.016	-0.360
		Diagonal	Max Tension	12	5.321	0.000	0.000
			Max. Compression	10	-5.403	0.000	0.000
			Max. Mx	27	1.239	0.065	0.008
			Max. My	8	4.685	0.051	0.010
			Max. Vy	27	-0.042	0.065	0.008
			Max. Vx	30	-0.003	0.000	0.000
T7	113.333 - 106.667	Leg	Max Tension	23	64.613	-0.363	-0.067

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Compression	10	-77.781	-0.067	0.038
			Max. Mx	10	-76.138	0.391	0.066
			Max. My	20	-8.396	-0.057	-0.522
			Max. Vy	14	-1.036	-0.361	-0.016
			Max. Vx	8	0.933	0.002	0.175
		Diagonal	Max Tension	12	6.334	0.000	0.000
			Max. Compression	10	-6.591	0.000	0.000
			Max. Mx	27	1.321	0.067	0.006
			Max. My	18	-6.314	-0.004	-0.011
			Max. Vy	27	-0.044	0.067	0.006
			Max. Vx	29	-0.003	0.000	0.000
T8	106.667 - 100	Leg	Max Tension	23	76.001	0.080	-0.027
			Max. Compression	10	-91.041	-0.067	0.038
			Max. Mx	10	-91.001	0.586	-0.001
			Max. My	20	-8.723	-0.057	-0.522
			Max. Vy	10	0.229	0.586	-0.001
			Max. Vx	20	-0.254	-0.057	-0.522
		Diagonal	Max Tension	17	6.448	0.046	0.002
			Max. Compression	10	-6.597	0.000	0.000
			Max. Mx	27	1.697	0.078	-0.010
			Max. My	20	5.546	0.061	-0.012
			Max. Vy	27	-0.047	0.078	-0.010
			Max. Vx	36	0.003	0.000	0.000
		Secondary Horizontal	Max Tension	20	0.380	0.000	0.000
			Max. Compression	21	-0.317	0.000	0.000
			Max. Mx	30	0.151	0.036	0.002
			Max. My	22	-0.214	0.013	0.005
			Max. Vy	30	-0.033	0.036	0.002
			Max. Vx	37	-0.002	0.000	0.000
T9	100 - 93.3333	Leg	Max Tension	23	87.498	-0.385	-0.064
			Max. Compression	10	-103.464	-0.117	0.025
			Max. Mx	10	-103.401	0.407	0.064
			Max. My	20	-9.459	-0.003	-0.349
			Max. Vy	10	-0.130	0.407	0.064
			Max. Vx	8	-0.138	-0.003	0.349
		Diagonal	Max Tension	16	6.415	0.000	0.000
			Max. Compression	10	-6.585	0.000	0.000
			Max. Mx	27	1.593	0.068	-0.007
			Max. My	35	-2.080	0.056	-0.009
			Max. Vy	37	0.045	0.062	0.006
			Max. Vx	35	0.003	0.000	0.000
T10	93.3333 - 86.6667	Leg	Max Tension	23	98.705	0.004	-0.051
			Max. Compression	10	-115.570	0.407	0.064
			Max. Mx	10	-115.570	0.407	0.064
			Max. My	20	-9.933	-0.027	-0.458
			Max. Vy	10	0.117	0.407	0.064
			Max. Vx	20	0.132	-0.027	-0.458
		Diagonal	Max Tension	10	6.596	0.000	0.000
			Max. Compression	10	-6.625	0.000	0.000
			Max. Mx	27	1.595	0.080	0.009
			Max. My	36	-1.068	0.058	-0.010
			Max. Vy	37	0.051	0.072	-0.010
			Max. Vx	36	0.003	0.000	0.000
T11	86.6667 - 80	Leg	Max Tension	23	108.988	-0.695	0.005
			Max. Compression	10	-126.916	-0.030	0.049
			Max. Mx	10	-126.886	0.835	-0.004
			Max. My	20	-10.246	-0.027	-0.458
			Max. Vy	10	0.310	0.835	-0.004
			Max. Vx	20	-0.219	-0.027	-0.458

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
		Diagonal	Max Tension	23	6.714	-0.081	0.004
			Max. Compression	10	-7.259	0.000	0.000
			Max. Mx	27	1.489	-0.133	0.017
			Max. My	36	-2.090	-0.090	0.020
			Max. Vy	37	-0.077	-0.120	-0.014
			Max. Vx	36	0.005	0.000	0.000
		Secondary Horizontal	Max Tension	20	0.430	0.000	0.000
			Max. Compression	21	-0.361	0.000	0.000
			Max. Mx	35	0.072	0.051	0.001
			Max. My	22	-0.287	0.015	0.005
			Max. Vy	35	0.040	0.051	0.001
			Max. Vx	37	-0.001	0.000	0.000
T12	80 - 73.3333	Leg	Max Tension	23	119.513	-0.088	-0.049
			Max. Compression	10	-138.709	-0.138	0.011
			Max. Mx	33	6.601	-0.269	-0.013
			Max. My	20	-11.146	-0.004	-0.522
			Max. Vy	10	-0.092	0.104	0.047
			Max. Vx	20	0.154	-0.004	-0.522
		Diagonal	Max Tension	10	6.829	0.000	0.000
			Max. Compression	10	-6.767	0.000	0.000
			Max. Mx	27	1.802	0.096	0.012
			Max. My	36	-1.090	0.073	-0.013
			Max. Vy	37	0.059	0.088	-0.012
			Max. Vx	36	0.003	0.000	0.000
T13	73.3333 - 66.6667	Leg	Max Tension	23	129.127	-0.951	0.012
			Max. Compression	10	-149.309	0.104	0.047
			Max. Mx	10	-149.289	1.121	-0.012
			Max. My	20	-11.363	-0.004	-0.522
			Max. Vy	10	0.558	1.121	-0.012
			Max. Vx	20	-0.234	-0.004	-0.522
		Diagonal	Max Tension	23	7.001	0.057	-0.001
			Max. Compression	10	-7.617	0.000	0.000
			Max. Mx	27	1.333	0.119	-0.015
			Max. My	36	1.323	0.115	-0.017
			Max. Vy	37	0.064	0.111	0.013
			Max. Vx	36	0.004	0.000	0.000
		Secondary Horizontal	Max Tension	20	0.598	0.000	0.000
			Max. Compression	21	-0.510	0.000	0.000
			Max. Mx	35	0.083	0.062	0.003
			Max. My	38	-0.091	0.061	0.004
			Max. Vy	35	0.043	0.062	0.003
			Max. Vx	38	-0.002	0.000	0.000
T14	66.6667 - 60	Leg	Max Tension	23	138.936	-0.895	0.022
			Max. Compression	10	-160.414	-0.692	0.017
			Max. Mx	10	-160.394	1.063	-0.022
			Max. My	20	-12.244	-0.008	-0.890
			Max. Vy	10	-0.565	1.063	-0.022
			Max. Vx	20	0.353	-0.008	-0.890
		Diagonal	Max Tension	11	6.891	0.040	0.003
			Max. Compression	10	-7.437	0.000	0.000
			Max. Mx	27	1.860	0.099	0.016
			Max. My	35	-2.244	0.070	-0.018
			Max. Vy	37	0.063	0.095	-0.015
			Max. Vx	35	-0.004	0.000	0.000
		Secondary Horizontal	Max Tension	22	0.565	0.019	-0.001
			Max. Compression	11	-0.477	0.000	0.000
			Max. Mx	29	0.100	0.061	0.005

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. My	38	0.030	0.061	0.005
			Max. Vy	29	-0.045	0.061	0.005
			Max. Vx	38	-0.002	0.000	0.000
T15	60 - 50	Leg	Max Tension	23	150.998	-0.002	-0.086
			Max. Compression	10	-174.179	-0.200	0.080
			Max. Mx	33	12.550	-0.735	-0.021
			Max. My	20	-13.297	-0.144	-1.185
			Max. Vy	10	0.179	0.527	0.154
			Max. Vx	20	0.223	-0.144	-1.185
		Diagonal	Max Tension	10	8.461	0.000	0.000
			Max. Compression	10	-8.607	0.000	0.000
			Max. Mx	37	1.021	-0.234	0.025
			Max. My	18	-8.264	-0.039	0.034
			Max. Vy	37	-0.111	-0.234	0.025
			Max. Vx	29	0.007	0.000	0.000
T16	50 - 40	Leg	Max Tension	23	164.966	-1.790	0.020
			Max. Compression	10	-190.113	2.106	-0.019
			Max. Mx	10	-190.113	2.106	-0.019
			Max. My	20	-13.775	-0.144	-1.185
			Max. Vy	10	0.686	2.106	-0.019
			Max. Vx	20	-0.382	-0.144	-1.185
		Diagonal	Max Tension	23	8.610	-0.134	-0.007
			Max. Compression	10	-9.548	0.000	0.000
			Max. Mx	27	2.563	-0.213	0.036
			Max. My	20	6.362	-0.158	0.042
			Max. Vy	37	-0.111	-0.206	-0.032
			Max. Vx	36	-0.007	0.000	0.000
		Secondary Horizontal	Max Tension	20	0.824	0.000	0.000
			Max. Compression	21	-0.720	0.000	0.000
			Max. Mx	36	0.347	0.090	0.003
			Max. My	22	-0.575	0.033	0.009
			Max. Vy	36	0.058	0.090	0.003
			Max. Vx	37	-0.002	0.000	0.000
T17	40 - 30	Leg	Max Tension	23	178.662	-2.421	0.001
			Max. Compression	10	-206.309	2.901	0.001
			Max. Mx	10	-206.230	-3.252	0.004
			Max. My	20	-15.444	-0.445	-2.012
			Max. Vy	10	1.236	2.901	0.001
			Max. Vx	20	0.570	-0.445	-2.012
		Diagonal	Max Tension	23	8.659	-0.195	0.023
			Max. Compression	10	-9.709	0.000	0.000
			Max. Mx	37	0.578	-0.331	0.034
			Max. My	18	-9.516	-0.033	0.059
			Max. Vy	37	-0.140	-0.331	0.034
			Max. Vx	35	0.009	0.000	0.000
		Secondary Horizontal	Max Tension	20	1.464	0.000	0.000
			Max. Compression	21	-1.263	0.000	0.000
			Max. Mx	36	-0.224	0.163	0.014
			Max. My	22	-1.012	0.063	0.018
			Max. Vy	36	0.083	0.163	0.014
			Max. Vx	37	-0.004	0.000	0.000
T18	30 - 20	Leg	Max Tension	23	191.195	-2.074	0.092
			Max. Compression	10	-221.806	2.459	-0.093
			Max. Mx	10	-221.008	3.484	0.068
			Max. My	20	-16.101	-0.445	-2.012
			Max. Vy	10	-2.710	3.484	0.068
			Max. Vx	24	0.574	-0.432	1.944
		Diagonal	Max Tension	23	9.359	-0.139	-0.005
			Max. Compression	10	-10.541	0.000	0.000

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Mx	10	6.962	-0.229	0.006
			Max. My	37	-0.908	-0.029	0.014
			Max. Vy	27	-0.083	-0.154	0.013
			Max. Vx	29	0.004	0.000	0.000
		Horizontal	Max Tension	20	0.683	0.000	0.000
			Max. Compression	21	-0.605	0.000	0.000
			Max. Mx	37	0.404	0.119	0.097
			Max. My	27	0.042	0.112	0.097
			Max. Vy	37	-0.072	0.119	0.097
			Max. Vx	27	0.012	0.000	0.000
		Redund Horz 1 Bracing	Max Tension	10	2.551	0.000	0.000
			Max. Compression	23	-2.150	0.000	0.000
			Max. Mx	26	0.787	-0.024	0.000
			Max. My	26	0.849	0.000	0.001
			Max. Vy	26	0.021	0.000	0.000
			Max. Vx	26	-0.001	0.000	0.000
		Redund Diag 1 Bracing	Max Tension	23	1.262	0.000	0.000
			Max. Compression	10	-1.676	0.000	0.000
			Max. Mx	26	-0.274	-0.029	0.000
			Max. My	26	-0.257	0.000	-0.001
			Max. Vy	26	0.022	0.000	0.000
			Max. Vx	26	-0.001	0.000	0.000
T19	20 - 0	Leg	Max Tension	23	217.321	-0.904	-0.094
			Max. Compression	10	-253.880	0.000	-0.000
			Max. Mx	27	-109.366	-2.481	0.014
			Max. My	20	-19.148	-0.083	-1.427
			Max. Vy	27	-0.456	-2.481	0.014
			Max. Vx	20	-0.303	-0.083	-1.427
		Diagonal	Max Tension	10	9.956	0.000	0.000
			Max. Compression	10	-10.730	0.000	0.000
			Max. Mx	37	-0.172	-0.474	0.042
			Max. My	20	6.861	-0.291	0.071
			Max. Vy	37	-0.172	-0.474	0.042
			Max. Vx	36	-0.010	0.000	0.000

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Leg C	Max. Vert	18	254.303	23.812	-15.543
	Max. H_x	18	254.303	23.812	-15.543
	Max. H_z	7	-210.559	-20.215	13.373
	Min. Vert	7	-210.559	-20.215	13.373
	Min. H_x	7	-210.559	-20.215	13.373
	Min. H_z	18	254.303	23.812	-15.543
Leg B	Max. Vert	10	261.996	-25.033	-15.859
	Max. H_x	23	-223.798	21.497	13.795
	Max. H_z	23	-223.798	21.497	13.795
	Min. Vert	23	-223.798	21.497	13.795
	Min. H_x	10	261.996	-25.033	-15.859
	Min. H_z	10	261.996	-25.033	-15.859
Leg A	Max. Vert	2	249.135	-0.496	27.528
	Max. H_x	21	15.174	4.930	1.191
	Max. H_z	2	249.135	-0.496	27.528

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
	Min. Vert	15	-203.567	0.435	-23.294
	Min. H_x	8	20.374	-4.992	1.588
	Min. H_z	15	-203.567	0.435	-23.294

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	46.405	-0.000	-0.000	-26.367	27.553	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	55.686	-0.002	-43.487	-4166.280	31.966	-16.702
0.9 Dead+1.0 Wind 0 deg - No Ice	41.764	-0.002	-43.487	-4158.370	23.700	-16.702
1.2 Dead+1.0 Wind 30 deg - No Ice	55.686	20.631	-35.727	-3464.338	-1949.662	-33.708
0.9 Dead+1.0 Wind 30 deg - No Ice	41.764	20.631	-35.727	-3456.428	-1957.928	-33.708
1.2 Dead+1.0 Wind 60 deg - No Ice	55.686	36.801	-21.240	-2064.850	-3487.846	-54.562
0.9 Dead+1.0 Wind 60 deg - No Ice	41.764	36.801	-21.240	-2056.940	-3496.112	-54.562
1.2 Dead+1.0 Wind 90 deg - No Ice	55.686	45.248	0.002	-32.738	-4257.352	-63.852
0.9 Dead+1.0 Wind 90 deg - No Ice	41.764	45.248	0.002	-24.828	-4265.618	-63.852
1.2 Dead+1.0 Wind 120 deg - No Ice	55.686	40.867	23.590	2189.283	-3815.172	-43.618
0.9 Dead+1.0 Wind 120 deg - No Ice	41.764	40.867	23.590	2197.193	-3823.438	-43.618
1.2 Dead+1.0 Wind 150 deg - No Ice	55.686	21.607	37.412	3556.809	-2038.317	-6.739
0.9 Dead+1.0 Wind 150 deg - No Ice	41.764	21.607	37.412	3564.719	-2046.583	-6.739
1.2 Dead+1.0 Wind 180 deg - No Ice	55.686	0.002	40.945	3921.948	34.161	16.702
0.9 Dead+1.0 Wind 180 deg - No Ice	41.764	0.002	40.945	3929.858	25.896	16.702
1.2 Dead+1.0 Wind 210 deg - No Ice	55.686	-20.631	35.727	3401.057	2015.789	33.708
0.9 Dead+1.0 Wind 210 deg - No Ice	41.764	-20.631	35.727	3408.967	2007.523	33.708
1.2 Dead+1.0 Wind 240 deg - No Ice	55.686	-39.002	22.511	2092.094	3710.768	54.562
0.9 Dead+1.0 Wind 240 deg - No Ice	41.764	-39.002	22.511	2100.004	3702.502	54.562
1.2 Dead+1.0 Wind 270 deg - No Ice	55.686	-45.248	-0.002	-30.543	4323.479	63.852
0.9 Dead+1.0 Wind 270 deg - No Ice	41.764	-45.248	-0.002	-22.632	4315.213	63.852
1.2 Dead+1.0 Wind 300 deg - No Ice	55.686	-38.665	-22.319	-2162.038	3724.504	43.618
0.9 Dead+1.0 Wind 300 deg - No Ice	41.764	-38.665	-22.319	-2154.128	3716.238	43.618
1.2 Dead+1.0 Wind 330 deg - No Ice	55.686	-21.607	-37.412	-3620.090	2104.444	6.739
0.9 Dead+1.0 Wind 330 deg -	41.764	-21.607	-37.412	-3612.180	2096.179	6.739

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
No Ice						
1.2 Dead+1.0 Ice+1.0 Temp	131.874	-0.000	-0.000	-132.609	63.567	-0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	131.874	-0.001	-13.197	-1401.775	63.376	-5.790
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	131.874	6.481	-11.230	-1216.068	-561.610	-12.700
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	131.874	11.514	-6.649	-771.371	-1041.799	-19.138
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	131.874	13.757	0.001	-132.799	-1250.214	-20.049
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	131.874	12.113	6.996	533.688	-1089.872	-12.658
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	131.874	6.629	11.484	974.973	-575.317	-2.274
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	131.874	0.001	12.798	1108.902	63.758	5.790
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	131.874	-6.481	11.230	950.850	688.744	12.700
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	131.874	-11.859	6.848	519.981	1192.884	19.138
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	131.874	-13.757	-0.001	-132.418	1377.348	20.049
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	131.874	-11.768	-6.797	-785.078	1193.055	12.658
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	131.874	-6.629	-11.484	-1240.190	702.451	2.274
Dead+Wind 0 deg - Service	46.405	-0.001	-12.168	-1174.954	27.249	-4.630
Dead+Wind 30 deg - Service	46.405	5.776	-10.002	-980.101	-523.322	-9.339
Dead+Wind 60 deg - Service	46.405	10.300	-5.945	-591.218	-950.600	-15.111
Dead+Wind 90 deg - Service	46.405	12.655	0.001	-26.671	-1164.157	-17.680
Dead+Wind 120 deg - Service	46.405	11.425	6.595	590.448	-1041.212	-12.074
Dead+Wind 150 deg - Service	46.405	6.046	10.469	970.483	-547.865	-1.862
Dead+Wind 180 deg - Service	46.405	0.001	11.464	1072.100	27.857	4.630
Dead+Wind 210 deg - Service	46.405	-5.776	10.002	927.366	578.428	9.339
Dead+Wind 240 deg - Service	46.405	-10.909	6.296	563.543	1049.111	15.111
Dead+Wind 270 deg - Service	46.405	-12.655	-0.001	-26.063	1219.263	17.680
Dead+Wind 300 deg - Service	46.405	-10.816	-6.243	-618.122	1052.913	12.074
Dead+Wind 330 deg - Service	46.405	-6.046	-10.469	-1023.217	602.971	1.862

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
1	0.000	-46.405	0.000	0.000	46.405	0.000	0.000%
2	-0.002	-55.686	-43.486	0.002	55.686	43.487	0.000%
3	-0.002	-41.764	-43.486	0.002	41.764	43.487	0.000%
4	20.631	-55.686	-35.727	-20.631	55.686	35.727	0.000%
5	20.631	-41.764	-35.727	-20.631	41.764	35.727	0.000%
6	36.801	-55.686	-21.240	-36.801	55.686	21.240	0.000%
7	36.801	-41.764	-21.240	-36.801	41.764	21.240	0.000%
8	45.248	-55.686	0.002	-45.248	55.686	-0.002	0.000%
9	45.248	-41.764	0.002	-45.248	41.764	-0.002	0.000%
10	40.867	-55.686	23.590	-40.867	55.686	-23.590	0.000%
11	40.867	-41.764	23.590	-40.867	41.764	-23.590	0.000%
12	21.607	-55.686	37.412	-21.607	55.686	-37.412	0.000%
13	21.607	-41.764	37.412	-21.607	41.764	-37.412	0.000%
14	0.002	-55.686	40.945	-0.002	55.686	-40.945	0.000%

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
15	0.002	-41.764	40.945	-0.002	41.764	-40.945	0.000%
16	-20.631	-55.686	35.727	20.631	55.686	-35.727	0.000%
17	-20.631	-41.764	35.727	20.631	41.764	-35.727	0.000%
18	-39.002	-55.686	22.511	39.002	55.686	-22.511	0.000%
19	-39.002	-41.764	22.511	39.002	41.764	-22.511	0.000%
20	-45.248	-55.686	-0.002	45.248	55.686	0.002	0.000%
21	-45.248	-41.764	-0.002	45.248	41.764	0.002	0.000%
22	-38.665	-55.686	-22.319	38.665	55.686	22.319	0.000%
23	-38.665	-41.764	-22.319	38.665	41.764	22.319	0.000%
24	-21.607	-55.686	-37.412	21.607	55.686	37.412	0.000%
25	-21.607	-41.764	-37.412	21.607	41.764	37.412	0.000%
26	0.000	-131.874	0.000	0.000	131.874	0.000	0.000%
27	-0.001	-131.874	-13.197	0.001	131.874	13.197	0.000%
28	6.481	-131.874	-11.230	-6.481	131.874	11.230	0.000%
29	11.514	-131.874	-6.649	-11.514	131.874	6.649	0.000%
30	13.757	-131.874	0.001	-13.757	131.874	-0.001	0.000%
31	12.113	-131.874	6.996	-12.113	131.874	-6.996	0.000%
32	6.629	-131.874	11.484	-6.629	131.874	-11.484	0.000%
33	0.001	-131.874	12.798	-0.001	131.874	-12.798	0.000%
34	-6.481	-131.874	11.230	6.481	131.874	-11.230	0.000%
35	-11.859	-131.874	6.848	11.859	131.874	-6.848	0.000%
36	-13.757	-131.874	-0.001	13.757	131.874	0.001	0.000%
37	-11.768	-131.874	-6.797	11.768	131.874	6.797	0.000%
38	-6.629	-131.874	-11.484	6.629	131.874	11.484	0.000%
39	-0.001	-46.405	-12.168	0.001	46.405	12.168	0.000%
40	5.776	-46.405	-10.002	-5.776	46.405	10.002	0.000%
41	10.300	-46.405	-5.945	-10.300	46.405	5.945	0.000%
42	12.655	-46.405	0.001	-12.655	46.405	-0.001	0.000%
43	11.425	-46.405	6.595	-11.425	46.405	-6.595	0.000%
44	6.046	-46.405	10.469	-6.046	46.405	-10.469	0.000%
45	0.001	-46.405	11.464	-0.001	46.405	-11.464	0.000%
46	-5.776	-46.405	10.002	5.776	46.405	-10.002	0.000%
47	-10.909	-46.405	6.296	10.909	46.405	-6.296	0.000%
48	-12.655	-46.405	-0.001	12.655	46.405	0.001	0.000%
49	-10.816	-46.405	-6.243	10.816	46.405	6.243	0.000%
50	-6.046	-46.405	-10.469	6.046	46.405	10.469	0.000%

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	160 - 140	4.856	49	0.283	0.035
T2	140 - 135	3.678	49	0.262	0.035
T3	135 - 130	3.402	49	0.255	0.034
T4	130 - 125	3.129	49	0.246	0.033
T5	125 - 120	2.870	49	0.236	0.031
T6	120 - 113.333	2.618	49	0.224	0.030
T7	113.333 - 106.667	2.309	49	0.211	0.028
T8	106.667 - 100	2.015	49	0.196	0.026
T9	100 - 93.3333	1.746	49	0.179	0.024
T10	93.3333 - 86.6667	1.494	49	0.164	0.022
T11	86.6667 - 80	1.266	49	0.149	0.020
T12	80 - 73.3333	1.063	49	0.133	0.018
T13	73.3333 - 66.6667	0.877	49	0.119	0.015
T14	66.6667 - 60	0.710	49	0.104	0.013

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T15	60 - 50	0.562	49	0.090	0.010
T16	50 - 40	0.381	49	0.073	0.008
T17	40 - 30	0.238	48	0.057	0.006
T18	30 - 20	0.128	48	0.039	0.004
T19	20 - 0	0.060	43	0.022	0.003

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
157'	(2) APL866513-42T6 w/ Mount Pipe	49	4.675	0.280	0.035	103385
147'	MX08FRO665-21 w/ Mount Pipe	49	4.079	0.270	0.035	39763
135'	7770.00 w/ Mount Pipe	49	3.402	0.255	0.034	93573
125'	APXVSPP18-C-A20 w/ Mount Pipe	49	2.870	0.236	0.031	41830
113'	ERICSSON AIR 21 B4A B2P w/ Mount Pipe	49	2.294	0.210	0.028	45453
57'	GPS_A	49	0.503	0.084	0.009	23791
48'	Side Arm Mount [SO 202-1]	49	0.350	0.070	0.007	34698

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	160 - 140	17.445	11	1.010	0.126
T2	140 - 135	13.231	11	0.937	0.125
T3	135 - 130	12.243	11	0.913	0.123
T4	130 - 125	11.266	11	0.882	0.119
T5	125 - 120	10.336	11	0.846	0.113
T6	120 - 113.333	9.432	11	0.803	0.107
T7	113.333 - 106.667	8.324	11	0.755	0.102
T8	106.667 - 100	7.269	11	0.701	0.095
T9	100 - 93.3333	6.303	11	0.642	0.088
T10	93.3333 - 86.6667	5.397	11	0.590	0.078
T11	86.6667 - 80	4.577	11	0.534	0.070
T12	80 - 73.3333	3.848	11	0.476	0.065
T13	73.3333 - 66.6667	3.177	11	0.426	0.055
T14	66.6667 - 60	2.574	11	0.375	0.045
T15	60 - 50	2.037	11	0.323	0.035
T16	50 - 40	1.383	11	0.264	0.028
T17	40 - 30	0.866	11	0.204	0.021
T18	30 - 20	0.468	11	0.141	0.015
T19	20 - 0	0.218	11	0.079	0.010

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
157'	(2) APL866513-42T6 w/ Mount Pipe	11	16.797	1.000	0.126	29295
147'	MX08FRO665-21 w/ Mount Pipe	11	14.665	0.964	0.127	11267
135'	7770.00 w/ Mount Pipe	11	12.243	0.913	0.123	27539
125'	APXVSPP18-C-A20 w/ Mount Pipe	11	10.336	0.846	0.113	11844
113'	ERICSSON AIR 21 B4A B2P w/ Mount Pipe	11	8.270	0.753	0.101	12930
57'	GPS_A	11	1.823	0.303	0.032	6511
48'	Side Arm Mount [SO 202-1]	11	1.271	0.252	0.027	9755

Bolt Design Data

Section No.	Elevation ft	Component Type	Bolt Grade	Bolt Size in	Number Of Bolts	Maximum Load per Bolt K	Allowable Load per Bolt K	Ratio Load / Allowable	Allowable Ratio	Criteria
T1	160	Leg	A325N	0.625	4	3.786	20.340	0.186 ✔	1.05	Bolt Tension
		Diagonal	A325N	0.500	1	3.228	6.199	0.521 ✔	1.05	Member Bearing
		Top Girt	A325N	0.500	1	0.623	4.133	0.151 ✔	1.05	Member Bearing
T2	140	Diagonal	A325N	0.500	1	3.043	6.199	0.491 ✔	1.05	Member Bearing
		Top Girt	A325N	0.500	1	0.441	4.133	0.107 ✔	1.05	Member Bearing
T3	135	Diagonal	A325N	0.500	1	4.264	6.199	0.688 ✔	1.05	Member Bearing
T4	130	Diagonal	A325N	0.500	1	4.228	6.199	0.682 ✔	1.05	Member Bearing
T5	125	Leg	A325N	0.750	4	10.922	30.101	0.363 ✔	1.05	Bolt Tension
		Diagonal	A325N	0.500	1	4.845	6.199	0.782 ✔	1.05	Member Bearing
T6	120	Diagonal	A325X	0.500	1	5.321	7.504	0.709 ✔	1.05	Gusset Bearing
T7	113.333	Diagonal	A325X	0.500	1	6.334	7.504	0.844 ✔	1.05	Gusset Bearing
T8	106.667	Leg	A325N	0.875	4	19.000	41.556	0.457 ✔	1.05	Bolt Tension
		Diagonal	A325X	0.500	1	6.448	7.504	0.859 ✔	1.05	Gusset Bearing
		Secondary Horizontal	A325N	0.625	1	1.579	7.178	0.220 ✔	1.05	Gusset Bearing
T11	86.6667	Leg	A325N	0.875	4	27.245	41.556	0.656 ✔	1.05	Bolt Tension
		Secondary Horizontal	A325N	0.625	1	2.201	6.831	0.322 ✔	1.05	Member Block Shear
T13	73.3333	Secondary Horizontal	A325N	0.625	1	2.590	8.128	0.319 ✔	1.05	Member Block Shear
T14	66.6667	Leg	A325N	1.000	4	34.727	54.517	0.637 ✔	1.05	Bolt Tension
		Secondary Horizontal	A325N	0.625	1	2.782	6.831	0.407 ✔	1.05	Member Block Shear
T15	60	Diagonal	A325N	0.625	1	8.461	13.920	0.608 ✔	1.05	Gusset Bearing
T16	50	Leg	A325N	1.000	4	41.224	54.517	0.756 ✔	1.05	Bolt Tension
		Diagonal	A325N	0.625	1	8.610	13.920	0.619 ✔	1.05	Gusset Bearing
		Secondary Horizontal	A325N	0.625	1	3.297	8.482	0.389 ✔	1.05	Member Bearing
T17	40	Diagonal	A325N	0.625	1	8.659	13.920	0.622 ✔	1.05	Gusset Bearing
		Secondary Horizontal	A325N	0.625	1	3.578	10.440	0.343 ✔	1.05	Member Bearing

Section No.	Elevation ft	Component Type	Bolt Grade	Bolt Size in	Number Of Bolts	Maximum Load per Bolt K	Allowable Load per Bolt K	Ratio Load / Allowable	Allowable Ratio	Criteria
T18	30	Leg	A325N	1.000	6	31.844	54.517	0.584 ✔	1.05	Bolt Tension
		Diagonal	A325N	0.625	1	9.359	13.920	0.672 ✔	1.05	Gusset Bearing
		Horizontal	A325N	0.625	1	3.847	7.830	0.491 ✔	1.05	Member Bearing
		Redund Horz 1 Bracing	A325N	0.625	1	3.847	8.135	0.473 ✔	1.05	Member Block Shear
		Redund Diag 1 Bracing	A325N	0.625	1	2.239	8.135	0.275 ✔	1.05	Member Block Shear
T19	20	Diagonal	A325N	0.625	1	9.956	13.920	0.715 ✔	1.05	Gusset Bearing

Compression Checks

Leg Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T1	160 - 140	ROHN 2 STD	20'	4'	61.0 K=1.00	1.075	-19.912	36.842	0.540 [1] ✔
T2	140 - 135	ROHN 2.5 EH	5'3/32"	5'3/32"	65.0 K=1.00	2.254	-25.403	74.427	0.341 [1] ✔
T3	135 - 130	ROHN 2.5 EH	5'3/32"	5'3/32"	65.0 K=1.00	2.254	-35.760	74.427	0.480 [1] ✔
T4	130 - 125	ROHN 2.5 EH	5'3/32"	5'3/32"	65.0 K=1.00	2.254	-44.104	74.427	0.593 [1] ✔
T5	125 - 120	ROHN 2.5 EH	5'3/32"	5'3/32"	65.0 K=1.00	2.254	-53.782	74.427	0.723 [1] ✔
T6	120 - 113.333	ROHN 3 EH	6'8-1/8"	6'8-1/8"	70.5 K=1.00	3.016	-64.001	94.342	0.678 [1] ✔
T7	113.333 - 106.667	ROHN 3 EH	6'8-1/8"	6'8-1/8"	70.5 K=1.00	3.016	-77.781	94.342	0.824 [1] ✔
T8	106.667 - 100	ROHN 3 EH	6'8-1/8"	3'5-3/8"	36.4 K=1.00	3.016	-90.988	123.172	0.739 [1] ✔
T9	100 - 93.3333	ROHN 3.5 EH	6'8-1/8"	6'8-1/8"	61.3 K=1.00	3.678	-103.464	125.726	0.823 [1] ✔
T10	93.3333 - 86.6667	ROHN 3.5 EH	6'8-1/8"	6'8-1/8"	61.3 K=1.00	3.678	-115.570	125.725	0.919 [1] ✔
T11	86.6667 - 80	ROHN 3.5 EH	6'8-1/8"	3'5-3/16"	31.5 K=1.00	3.678	-126.865	153.937	0.824 [1] ✔
T12	80 - 73.3333	ROHN 4 X-STR	6'8-5/32"	6'8-5/32"	54.3 K=1.00	4.407	-138.709	159.903	0.867 [1] ✔
T13	73.3333 - 66.6667	ROHN 4 X-STR	6'8-5/32"	3'5-3/32"	27.8 K=1.00	4.407	-149.253	187.417	0.796 [1] ✔
T14	66.6667 - 60	ROHN 4 X-STR	6'8-5/32"	3'5-1/32"	27.8 K=1.00	4.407	-160.366	187.442	0.856 [1] ✔
T15	60 - 50	ROHN. 5 EH	10'7/32"	10'7/32"	65.4 K=1.00	6.112	-174.179	201.251	0.865 [1]

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T16	50 - 40	ROHN. 5 EH	10'7/32"	5'1-15/16"	33.7 K=1.00	6.112	-190.072	253.141	0.751 [1]
T17	40 - 30	ROHN 5 X-STR	10'7/32"	5'1-29/32"	33.7 K=1.00	6.112	-206.230	253.160	0.815 [1]
T18	30 - 20	ROHN 5 X-STR	10'7/32"	2'6-1/16"	16.3 K=1.00	6.112	-221.806	269.720	0.822 [1]
T19	20 - 0	B+T_BU 806378 - 6.625"x0.34" pipe w/ 2" SR	20'13/32"	10'7/32"	75.6 K=1.00	9.855	-253.880	292.104	0.869 [1]

[1] P_u / ϕP_n controls

Diagonal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T1	160 - 140	L1 3/4x1 3/4x3/16	7'8-3/16"	3'7-15/32"	126.6 K=1.00	0.621	-3.291	11.092	0.297 [1]
T2	140 - 135	L1 3/4x1 3/4x3/16	8'5-15/32"	4'1-19/32"	144.4 K=1.00	0.621	-3.307	8.523	0.388 [1]
T3	135 - 130	L1 3/4x1 3/4x3/16	8'10-15/32"	4'4-3/32"	151.7 K=1.00	0.621	-4.223	7.725	0.547 [1]
T4	130 - 125	L1 3/4x1 3/4x3/16	9'3-19/32"	4'6-21/32"	159.1 K=1.00	0.621	-4.295	7.020	0.612 [1]
T5	125 - 120	L2x2x3/16	9'8-25/32"	4'9-1/4"	145.3 K=1.00	0.715	-4.863	9.691	0.502 [1]
T6	120 - 113.333	L2 1/2x2 1/2x1/4	11'1-7/8"	5'6-1/32"	134.5 K=1.00	1.190	-5.403	18.829	0.287 [1]
T7	113.333 - 106.667	L2 1/2x2 1/2x1/4	11'8-15/32"	5'9-5/16"	141.2 K=1.00	1.190	-6.591	17.085	0.386 [1]
T8	106.667 - 100	L2 1/2x2 1/2x1/4	12'3-7/32"	6'1-15/16"	150.6 K=1.00	1.190	-6.597	15.017	0.439 [1]
T9	100 - 93.3333	L2 1/2x2 1/2x3/16	12'10-1/8"	6'5-3/32"	147.3 K=0.95	0.902	-6.585	11.900	0.553 [1]
T10	93.3333 - 86.6667	L2 1/2x2 1/2x1/4	13'5-5/32"	6'8-5/8"	153.7 K=0.94	1.190	-6.625	14.411	0.460 [1]
T11	86.6667 - 80	2L2 1/2x2 1/2x3/16x1/4	14'5/16"	7'3/16"	113.1 K=1.00	1.805	-7.259	36.566	0.199 [1]
T12	80 - 73.3333	2L 'a' > 40.153 in - 129 L 3x3x3/16	14'7-19/32"	7'3-5/8"	140.6 K=0.96	1.090	-6.767	15.784	0.429 [1]
T13	73.3333 - 66.6667	L 3x3x3/16	15'3-3/32"	7'7-3/8"	153.2 K=1.00	1.090	-7.617	13.284	0.573 [1]
T14	66.6667 - 60	L 3x3x3/16	15'10-21/32"	7'11-5/32"	159.6 K=1.00	1.090	-7.437	12.248	0.607 [1]
T15	60 - 50	2L3x3x3/16x1/4	18'3-1/16"	9'5/16"	121.9 K=1.00	2.180	-8.607	37.533	0.229 [1]
T16	50 - 40	2L 'a' > 51.562 in - 174 2L3x3x3/16x1/4	19'1-3/1	9'6-7/8"	129.3	2.180	-9.548	33.927	0.281 [1]

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
			6"		K=1.00				✔
T17	40 - 30	2L 'a' > 54.686 in - 183 2L3x3x1/4x1/4	19'11-23/32"	10'1/4"	135.4 K=1.00	2.875	-9.709	43.094	0.225 [1] ✔
T18	30 - 20	2L 'a' > 57.429 in - 195 2L3x3x1/4x1/4	10'8-1/16"	10'1-29/32"	105.1 K=1.00	2.875	-10.541	68.991	0.153 [1] ✔
T19	20 - 0	2L3 1/2x3 1/2x1/4x1/4 2L 'a' > 63.481 in - 249	22'8-1/4"	11'1-3/16"	129.0 K=1.00	3.375	-10.730	54.239	0.198 [1] ✔

[1] P_u / ϕP_n controls

Horizontal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T18	30 - 20	L3x3x3/16	18'4"	8'9-25/32"	225.3 K=1.00	1.090	-3.847	6.146	0.626 [1] ✔

[1] P_u / ϕP_n controls

Secondary Horizontal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T8	106.667 - 100	L1 3/4x1 3/4x1/4	10'3-7/16"	4'11-31/32"	175.7 K=1.00	0.813	-1.579	7.536	0.210 [1] ✔
T11	86.6667 - 80	L2x2x3/16	12'3-15/16"	5'11-31/32"	182.7 K=1.00	0.715	-2.201	6.134	0.359 [1] ✔
T13	73.3333 - 66.6667	L1 3/4x1 3/4x1/4	13'8-19/32"	6'8-1/32"	234.5 K=1.00	0.813	-2.590	4.230	0.612 [1] ✔
T14	66.6667 - 60	L2x2x3/16	14'4-31/32"	7'7/32"	213.8 K=1.00	0.715	-2.782	4.478	0.621 [1] ✔
T16	50 - 40	L2 1/2x2 1/2x3/16	16'3-1/16"	7'10-3/4"	191.4 K=1.00	0.902	-3.297	7.046	0.468 [1] ✔
T17	40 - 30	L3x3x1/4	17'3-5/16"	8'4-7/8"	170.4 K=1.00	1.440	-3.578	14.195	0.252 [1] ✔

[1] P_u / ϕP_n controls

Top Girt Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T1	160 - 140	L2x2x1/8	6'6-1/4"	6'1-3/8"	184.6 K=1.00	0.484	-0.622	4.070	0.153 [1] ✔
T2	140 - 135	L2x2x1/8	6'6-3/4"	6'1-3/8"	184.6 K=1.00	0.484	-0.441	4.070	0.108 [1] ✔

[1] P_u / ϕP_n controls

Redundant Horizontal (1) Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T18	30 - 20	L2x2x3/16	4'7"	4'1-7/32"	124.9 K=1.00	0.715	-3.847	13.110	0.293 [1] ✔

[1] P_u / ϕP_n controls

Redundant Diagonal (1) Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T18	30 - 20	L2x2x3/16	5'4-1/32"	4'9-27/32"	146.8 K=1.00	0.715	-2.239	9.495	0.236 [1] ✔

[1] P_u / ϕP_n controls

Tension Checks

Leg Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T1	160 - 140	ROHN 2 STD	20'	4'	61.0	1.075	15.146	48.354	0.313 [1] ✔
T2	140 - 135	ROHN 2.5 EH	5'3/32"	5'3/32"	65.0	2.254	20.431	101.409	0.201 [1] ✔
T3	135 - 130	ROHN 2.5 EH	5'3/32"	5'3/32"	65.0	2.254	27.897	101.409	0.275 [1] ✔
T4	130 - 125	ROHN 2.5 EH	5'3/32"	5'3/32"	65.0	2.254	35.898	101.409	0.354 [1]

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T5	125 - 120	ROHN 2.5 EH	5'3/32"	5'3/32"	65.0	2.254	43.687	101.409	0.431 [1]
T6	120 - 113.333	ROHN 3 EH	6'8-1/8"	6'8-1/8"	70.5	3.016	53.305	135.717	0.393 [1]
T7	113.333 - 106.667	ROHN 3 EH	6'8-1/8"	6'8-1/8"	70.5	3.016	64.613	135.717	0.476 [1]
T8	106.667 - 100	ROHN 3 EH	6'8-1/8"	3'5-3/8"	36.4	3.016	76.001	135.717	0.560 [1]
T9	100 - 93.3333	ROHN 3.5 EH	6'8-1/8"	6'8-1/8"	61.3	3.678	87.498	165.529	0.529 [1]
T10	93.3333 - 86.6667	ROHN 3.5 EH	6'8-1/8"	6'8-1/8"	61.3	3.678	98.705	165.529	0.596 [1]
T11	86.6667 - 80	ROHN 3.5 EH	6'8-1/8"	3'2-31/32"	29.8	3.678	108.988	165.529	0.658 [1]
T12	80 - 73.3333	ROHN 4 X-STR	6'8-5/32"	6'8-5/32"	54.3	4.407	119.513	198.335	0.603 [1]
T13	73.3333 - 66.6667	ROHN 4 X-STR	6'8-5/32"	3'3-1/16"	26.4	4.407	129.127	198.335	0.651 [1]
T14	66.6667 - 60	ROHN 4 X-STR	6'8-5/32"	3'3-3/32"	26.5	4.407	138.936	198.335	0.701 [1]
T15	60 - 50	ROHN. 5 EH	10'7/32"	10'7/32"	65.4	6.112	150.998	275.039	0.549 [1]
T16	50 - 40	ROHN. 5 EH	10'7/32"	4'10-1/4"	31.7	6.112	164.966	275.039	0.600 [1]
T17	40 - 30	ROHN 5 X-STR	10'7/32"	4'10-9/32"	31.7	6.112	178.662	275.039	0.650 [1]
T18	30 - 20	ROHN 5 X-STR	10'7/32"	2'6-1/16"	16.3	6.112	191.195	275.039	0.695 [1]
T19	20 - 0	B+T_BU 806378 - 6.625"x0.34" pipe w/ 2" SR	20'13/32"	10'7/32"	75.6	9.855	217.321	443.471	0.490 [1]

[1] P_u / ϕP_n controls

Diagonal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T1	160 - 140	L1 3/4x1 3/4x3/16	7'8-3/16"	3'7-15/32"	83.3	0.378	3.228	16.440	0.196 [1]
T2	140 - 135	L1 3/4x1 3/4x3/16	8'5-15/32"	4'1-19/32"	94.7	0.378	3.043	16.440	0.185 [1]
T3	135 - 130	L1 3/4x1 3/4x3/16	8'10-15/32"	4'4-3/32"	99.4	0.378	4.264	16.440	0.259 [1]
T4	130 - 125	L1 3/4x1 3/4x3/16	9'3-19/32"	4'6-21/32"	104.1	0.378	4.228	16.440	0.257 [1]
T5	125 - 120	L2x2x3/16	9'8-25/32"	4'9-1/4"	94.8	0.448	4.845	19.504	0.248 [1]

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T6	120 - 113.333	L2 1/2x2 1/2x1/4	11'1-7/8"	5'6-1/32"	87.5	0.775	5.321	33.726	0.158 [1] ✔
T7	113.333 - 106.667	L2 1/2x2 1/2x1/4	11'8-15/32"	5'9-5/16"	91.8	0.775	6.334	33.726	0.188 [1] ✔
T8	106.667 - 100	L2 1/2x2 1/2x1/4	12'3-7/32"	6'1-15/16"	96.2	0.775	6.448	33.726	0.191 [1] ✔
T9	100 - 93.3333	L2 1/2x2 1/2x3/16	12'10-1/8"	6'5-3/32"	99.1	0.902	6.415	29.225	0.220 [1] ✔
T10	93.3333 - 86.6667	L2 1/2x2 1/2x1/4	13'5-5/32"	6'8-5/8"	104.9	1.190	6.596	38.556	0.171 [1] ✔
T11	86.6667 - 80	2L2 1/2x2 1/2x3/16x1/4	14'5/16"	7'3/16"	108.2	1.805	6.714	58.472	0.115 [1] ✔
T12	80 - 73.3333	2L 'a' > 40.153 in - 129 L 3x3x3/16	14'7-19/32"	7'3-5/8"	93.3	1.090	6.829	35.311	0.193 [1] ✔
T13	73.3333 - 66.6667	L 3x3x3/16	15'3-3/32"	7'7-3/8"	97.3	1.090	7.001	35.311	0.198 [1] ✔
T14	66.6667 - 60	L 3x3x3/16	15'10-21/32"	7'11-5/32"	101.3	1.090	6.891	35.311	0.195 [1] ✔
T15	60 - 50	2L3x3x3/16x1/4	18'3-1/16"	9'5/16"	116.9	1.424	8.461	61.937	0.137 [1] ✔
T16	50 - 40	2L 'a' > 51.562 in - 175 2L3x3x3/16x1/4	19'1-3/16"	9'6-7/8"	122.3	1.424	8.610	61.937	0.139 [1] ✔
T17	40 - 30	2L 'a' > 54.686 in - 183 2L3x3x1/4x1/4	19'11-23/32"	10'1/4"	129.3	1.875	8.659	91.406	0.095 [1] ✔
T18	30 - 20	2L 'a' > 57.429 in - 195 2L3x3x1/4x1/4	10'8-1/16"	10'1-29/32"	93.1	1.875	9.359	91.406	0.102 [1] ✔
T19	20 - 0	2L3 1/2x3 1/2x1/4x1/4 2L 'a' > 60.930 in - 256	21'9-15/32"	10'7-13/16"	118.5	2.250	9.956	109.688	0.091 [1] ✔

[1] P_u / ϕP_n controls

Horizontal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T18	30 - 20	L3x3x3/16	18'4"	8'9-25/32"	171.3	0.712	3.847	30.973	0.124 [1] ✔

[1] P_u / ϕP_n controls

Secondary Horizontal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T8	106.667 - 100	L1 3/4x1 3/4x1/4	10'3-7/16"	4'11-31/32"	226.8	0.469	1.579	20.391	0.077 [1] ✔
T11	86.6667 - 80	L2x2x3/16	12'3-15/16"	5'11-31/32"	233.3	0.431	2.201	18.739	0.117 [1] ✔
T13	73.3333 - 66.6667	L1 3/4x1 3/4x1/4	13'8-19/32"	6'8-1/32"	302.7	0.469	2.590	20.391	0.127 [1] ✔
T14	66.6667 - 60	L2x2x3/16	14'4-31/32"	7'7/32"	273.0	0.431	2.782	18.739	0.148 [1] ✔
T16	50 - 40	L2 1/2x2 1/2x3/16	16'3-1/16"	7'10-3/4"	243.6	0.571	3.297	24.840	0.133 [1] ✔
T17	40 - 30	L3x3x1/4	17'3-5/16"	8'4-7/8"	216.9	0.939	3.578	40.863	0.088 [1] ✔

[1] P_u / ϕP_n controls

Top Girt Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T1	160 - 140	L2x2x1/8	6'6-1/4"	6'1-3/8"	121.2	0.305	0.623	13.254	0.047 [1] ✔
T2	140 - 135	L2x2x1/8	6'6-3/4"	6'1-3/8"	121.2	0.305	0.441	13.254	0.033 [1] ✔

[1] P_u / ϕP_n controls

Redundant Horizontal (1) Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T18	30 - 20	L2x2x3/16	4'7"	4'1-7/32"	84.6	0.431	3.847	18.739	0.205 [1] ✔

[1] P_u / ϕP_n controls

Redundant Diagonal (1) Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T18	30 - 20	L2x2x3/16	5'4-1/32"	4'9-27/3	98.6	0.431	2.239	18.739	0.120 [1]

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
			'	2"					✔

[1] P_u / ϕP_n controls

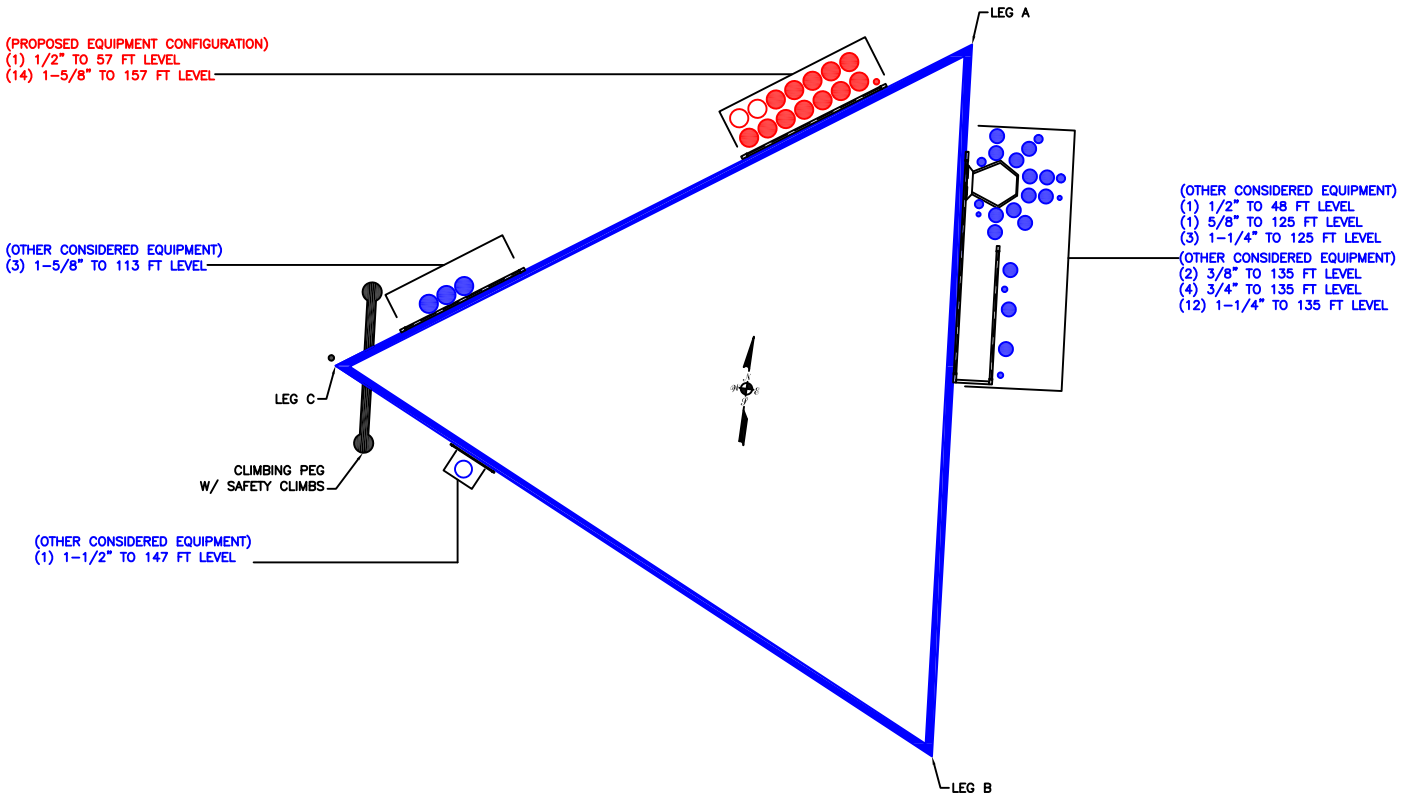
Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
T1	160 - 140	Leg	ROHN 2 STD	2	-19.912	38.684	51.5	Pass
T2	140 - 135	Leg	ROHN 2.5 EH	38	-25.403	78.149	32.5	Pass
T3	135 - 130	Leg	ROHN 2.5 EH	50	-35.760	78.149	45.8	Pass
T4	130 - 125	Leg	ROHN 2.5 EH	59	-44.104	78.149	56.4	Pass
T5	125 - 120	Leg	ROHN 2.5 EH	68	-53.782	78.149	68.8	Pass
T6	120 - 113.333	Leg	ROHN 3 EH	77	-64.001	99.059	64.6	Pass
T7	113.333 - 106.667	Leg	ROHN 3 EH	86	-77.781	99.059	78.5	Pass
T8	106.667 - 100	Leg	ROHN 3 EH	95	-90.988	129.331	70.4	Pass
T9	100 - 93.3333	Leg	ROHN 3.5 EH	107	-103.464	132.012	78.4	Pass
T10	93.3333 - 86.6667	Leg	ROHN 3.5 EH	116	-115.570	132.011	87.5	Pass
T11	86.6667 - 80	Leg	ROHN 3.5 EH	125	-126.865	161.634	78.5	Pass
T12	80 - 73.3333	Leg	ROHN 4 X-STR	137	-138.709	167.898	82.6	Pass
T13	73.3333 - 66.6667	Leg	ROHN 4 X-STR	146	-149.253	196.788	75.8	Pass
T14	66.6667 - 60	Leg	ROHN 4 X-STR	158	-160.366	196.814	81.5	Pass
T15	60 - 50	Leg	ROHN. 5 EH	170	-174.179	211.314	82.4	Pass
T16	50 - 40	Leg	ROHN. 5 EH	179	-190.072	265.798	71.5	Pass
T17	40 - 30	Leg	ROHN 5 X-STR	191	-206.230	265.818	77.6	Pass
T18	30 - 20	Leg	ROHN 5 X-STR	203	-221.806	283.206	78.3	Pass
T19	20 - 0	Leg	B+T_BU 806378 - 6.625"x0.34" pipe w/ 2" SR	245	-253.880	306.709	82.8	Pass
T1	160 - 140	Diagonal	L1 3/4x1 3/4x3/16	9	-3.291	11.646	28.3	Pass
T2	140 - 135	Diagonal	L1 3/4x1 3/4x3/16	45	-3.307	8.949	37.0	Pass
T3	135 - 130	Diagonal	L1 3/4x1 3/4x3/16	54	-4.223	8.112	52.1	Pass
T4	130 - 125	Diagonal	L1 3/4x1 3/4x3/16	63	-4.295	7.371	58.3	Pass
T5	125 - 120	Diagonal	L2x2x3/16	72	-4.863	10.175	47.8	Pass
T6	120 - 113.333	Diagonal	L2 1/2x2 1/2x1/4	81	-5.403	19.771	27.3	Pass
T7	113.333 - 106.667	Diagonal	L2 1/2x2 1/2x1/4	90	-6.591	17.939	36.7	Pass
T8	106.667 - 100	Diagonal	L2 1/2x2 1/2x1/4	99	-6.597	15.768	41.8	Pass
T9	100 - 93.3333	Diagonal	L2 1/2x2 1/2x3/16	111	-6.585	12.495	52.7	Pass
T10	93.3333 - 86.6667	Diagonal	L2 1/2x2 1/2x1/4	120	-6.625	15.132	43.8	Pass
T11	86.6667 - 80	Diagonal	2L2 1/2x2 1/2x3/16x1/4	129	-7.259	38.394	18.9	Pass
T12	80 - 73.3333	Diagonal	L 3x3x3/16	141	-6.767	16.573	40.8	Pass
T13	73.3333 - 66.6667	Diagonal	L 3x3x3/16	150	-7.617	13.948	54.6	Pass
T14	66.6667 - 60	Diagonal	L 3x3x3/16	162	-7.437	12.860	57.8	Pass
T15	60 - 50	Diagonal	2L3x3x3/16x1/4	174	-8.607	39.409	21.8	Pass
T16	50 - 40	Diagonal	2L3x3x3/16x1/4	183	-9.548	35.624	26.8	Pass
T17	40 - 30	Diagonal	2L3x3x1/4x1/4	195	-9.709	45.249	21.5	Pass
T18	30 - 20	Diagonal	2L3x3x1/4x1/4	213	-10.541	72.440	14.6	Pass
T19	20 - 0	Diagonal	2L3 1/2x3 1/2x1/4x1/4	249	-10.730	56.951	18.8	Pass
T18	30 - 20	Horizontal	L3x3x3/16	205	-3.847	6.453	59.6	Pass
T8	106.667 - 100	Secondary Horizontal	L1 3/4x1 3/4x1/4	103	-1.579	7.913	20.0	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
T11	86.6667 - 80	Secondary Horizontal	L2x2x3/16	133	-2.201	6.440	34.2	Pass
T13	73.3333 - 66.6667	Secondary Horizontal	L1 3/4x1 3/4x1/4	154	-2.590	4.441	58.3	Pass
T14	66.6667 - 60	Secondary Horizontal	L2x2x3/16	166	-2.782	4.702	59.2	Pass
T16	50 - 40	Secondary Horizontal	L2 1/2x2 1/2x3/16	187	-3.297	7.398	44.6	Pass
T17	40 - 30	Secondary Horizontal	L3x3x1/4	199	-3.578	14.905	24.0	Pass
T1	160 - 140	Top Girt	L2x2x1/8	5	-0.622	4.273	14.6	Pass
T2	140 - 135	Top Girt	L2x2x1/8	40	-0.441	4.273	10.3	Pass
T18	30 - 20	Redund Horz 1 Bracing	L2x2x3/16	230	-3.847	13.765	27.9	Pass
T18	30 - 20	Redund Diag 1 Bracing	L2x2x3/16	231	-2.239	9.970	22.5	Pass
							Summary	
						Leg (T10)	87.5	Pass
						Diagonal (T4)	58.3	Pass
						Horizontal (T18)	59.6	Pass
						Secondary Horizontal (T14)	59.2	Pass
						Top Girt (T1)	14.6	Pass
						Redund Horz 1 Bracing (T18)	27.9	Pass
						Redund Diag 1 Bracing (T18)	22.5	Pass
						Bolt Checks	81.8	Pass
						RATING =	**87.5**	**Pass**

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 806378

APPENDIX C

ADDITIONAL CALCULATIONS

PROJECT	**136290.004.01 - HRT 086 943248, CT**
SUBJECT	**Reinforced Tower Legs**
DATE	**10/05/21**

v3.4.2

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

Tower Information	
TIA-222 Rev.	H
Apply TIA-222-H Section 15.5	Yes

Calculation Type	Original Membe		Modification				BP & Angle?	Section Geometry																				Leg Capacity								Results
								Custom Area Input			Custom MOIxx Input			Custom MOIyy Input			Leg Comp. Load Pu (k)	Leg Fy (ksi)	Reinf. Fy (ksi)	L (in)	a (in)	K Leg	K Mod	K Comp.	Custom h (in)											
	Elevation (ft)	Leg Type	Type	Analysis Method	Intermediate Connection	Leg Crushing?		Area LEG (in^2)	Area MOD (in^2)	Area Gross (in^2)	I LEG (in^4)	I MOD (in^4)	I Gross (in^4)	I LEG (in^4)	I MOD (in^4)	I Gross (in^4)										Fe (ksi)	Fcr (ksi)	Φ	Leg Crushing Capacity (k)	Reinf. Leg Tension Yield Capacity (k)	Reinf. Leg Comp. Capacity (k)	Original leg Capacity (k)	Spacing Req.	Leg Load Final Rating	
Analysis	0-20	Custom	Custom	Built Up	Pinned	No	No	6.71	3.14	9.85	33.2	0.8	45.5	33.2	0.8	45.5	253.88	50	50	120.2	19.5	1.0	1.00	1.0		61.5122	35.6	0.90		443.5	315.6	244.0	O.K. @ 0.7	76.6%	Passing

PROJECT	**136290.004.01 - HRT 086 943248, CT**
SUBJECT	**Bolted Angle Connection Analysis**
DATE	**10/05/21** PAGE 1 OF 1

v2.5.0

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

TIA-222 Rev.	H
Apply TIA-222-H Section 15.5?	Yes

Max Rating	80.2%

	Elevation (ft)	Component	Angle			Bolt						Coping Dimensions (in)						Tens. Load (k)	Comp. Load (k)	Tens. Capacity (k)	Comp. Capacity (k)	Rating	Limit State
			Qty	Size	Grade	Qty	Size	Grade	Edge Dist. (in)	Gage (in)	Pitch (in)	Coping	A	B	C	D	E						
1	60-80	Diagonal	1	L3X3X(3/16+3/16)	A36	1	1/2	A325N	0.75	1.5		Allowable						7.00	7.44	8.84	8.84	80.2%	Compression - Bolt Shear
2	80-86.7	Diagonal	2	.2 1/2X2 1/2X(3/16+3/16	A36	1	1/2	A325N	0.75	1.25		Allowable						6.71	7.30	17.67	17.67	39.3%	Compression - Bolt Shear
3	86.7-93.4	Diagonal	1	L2 1/2X2 1/2X(1/4+3/16)	A36	1	1/2	A325N	0.75	1.25		Allowable						6.60	6.63	8.84	8.84	71.5%	Compression - Bolt Shear
4	93.4-100	Diagonal	1	.2 1/2X2 1/2X(3/16+3/16	A36	1	1/2	A325N	0.75	1.25		Allowable						6.42	6.59	8.84	8.84	71.0%	Compression - Bolt Shear

Self Support Anchor Rod Capacity

Site Info	
BU #	806378
Site Name	HRT 086 943248, CT
Order #	589212, Rev# 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	Yes
l_{ar} (in)	0

Applied Loads		
	Comp.	Uplift
Axial Force (kips)	262.00	224.00
Shear Force (kips)	30.00	26.00

**TIA-222-H Section 15.5 Applied*

Considered Eccentricity	
Leg Mod Eccentricity (in)	0.000
Anchor Rod N.A Shift (in)	0.000
Total Eccentricity (in)	0.000

**Anchor Rod Eccentricity Applied*

Connection Properties

Anchor Rod Data

(6) 1" ø bolts (A449 N; Fy=92 ksi, Fu=120 ksi)

l_{ar} (in): 0

Analysis Results

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

Pu_t = 37.33	ϕPn_t = 54.54	**Stress Rating**
Vu = 4.33	ϕVn = 35.34	**65.2%**
Mu = n/a	ϕMn = n/a	**Pass**

Pier and Pad Foundation

BU # :	806378
Site Name:	HRT 086 943248, C
App. Number:	589212, Rev# 0

TIA-222 Revision:	H
Tower Type:	Self Support

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

Superstructure Analysis Reactions

Compression, P_{comp}:	262	kips
Compression Shear, Vu_comp:	30	kips
Uplift, P_{uplift}:	224	kips
Uplift Shear, V_{u_uplift}:	26	kips
Tower Height, **H**:	160	ft
Base Face Width, **BW**:	20.86	ft
BP Dist. Above Fdn, bp_{dist}:	3	in

Pier Properties

Pier Shape:	Circular	
Pier Diameter, **dpier**:	3.5	ft
Ext. Above Grade, **E**:	0.5	ft
Pier Rebar Size, **Sc**:	9	
Pier Rebar Quantity, **mc**:	16	
Pier Tie/Spiral Size, **St**:	3	
Pier Tie/Spiral Quantity, **mt**:	12	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties

Depth, **D**:	12	ft
Pad Width, W_1:	10	ft
Pad Thickness, **T**:	2	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	7	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	11	
Pad Clear Cover, cc_{pad}:	3	in

Material Properties

Rebar Grade, **Fy**:	60	ksi
Concrete Compressive Strength, **F'c**:	3	ksi
Dry Concrete Density, δ**c**:	150	pcf

Soil Properties

Total Soil Unit Weight, γ:	117	pcf
Ultimate Gross Bearing, Qult:	16.500	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	34	degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:	0.3	
Neglected Depth, **N**:	3.33	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	10.5	ft

<--Toggle between Gross and Net

Foundation Analysis Checks

	Capacity	Demand	Rating*	Check
Uplift (kips)	298.70	224.00	**71.4%**	**Pass**
Lateral (Sliding) (kips)	114.59	26.00	**21.6%**	**Pass**
Bearing Pressure (ksf)	12.38	4.32	**33.2%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	1314.72	315.00	**22.8%**	**Pass**
*Pier Flexure (Tension) (kip*ft)*	883.83	273.00	**29.4%**	**Pass**
Pier Compression (kip)	2315.08	280.18	**11.5%**	**Pass**
*Pad Flexure (kip*ft)*	565.50	140.85	**23.7%**	**Pass**
Pad Shear - 1-way (kips)	194.10	42.92	**21.1%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.164	0.058	**33.5%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	1037.39	189.00	**17.4%**	**Pass**
Pad Shear - 2-way (Uplift) (ksi)	0.164	0.070	**40.8%**	**Pass**
*Flexural 2-way (Tension) (kip*ft)*	1037.39	163.80	**15.0%**	**Pass**

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

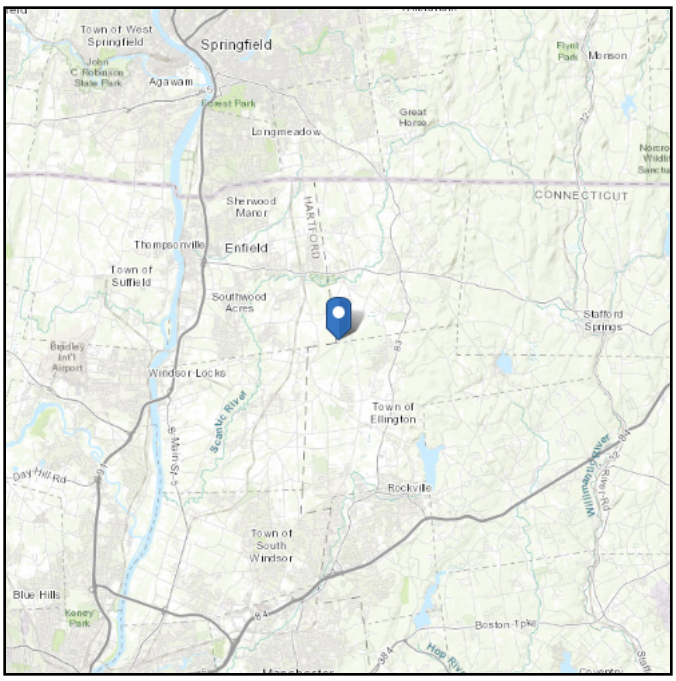
Structural Rating*:	**40.8%**
Soil Rating*:	**71.4%**

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Default (see Section 11.4.3)

Elevation: 396.21 ft (NAVD 88)
Latitude: 41.948883
Longitude: -72.492097



Wind

Results:

Wind Speed:	117 Vmph
10-year MRI	75 Vmph
25-year MRI	83 Vmph
50-year MRI	90 Vmph
100-year MRI	97 Vmph

Data Source:	ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed:	Tue Oct 05 2021

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

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

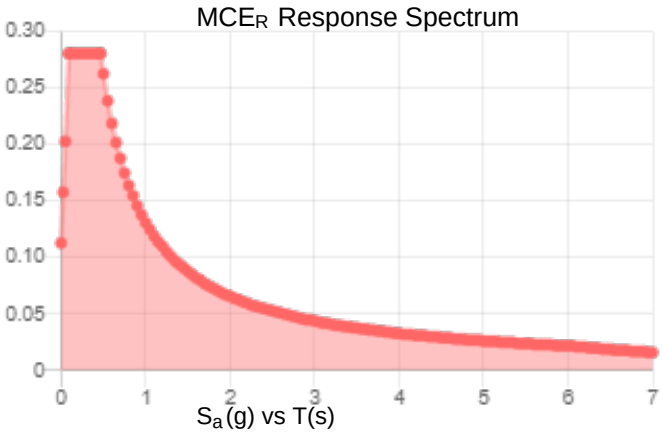
Seismic

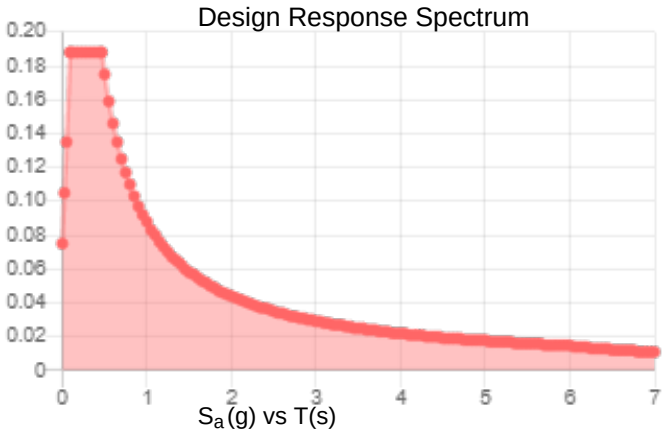
Site Soil Class: D - Default (see Section 11.4.3)

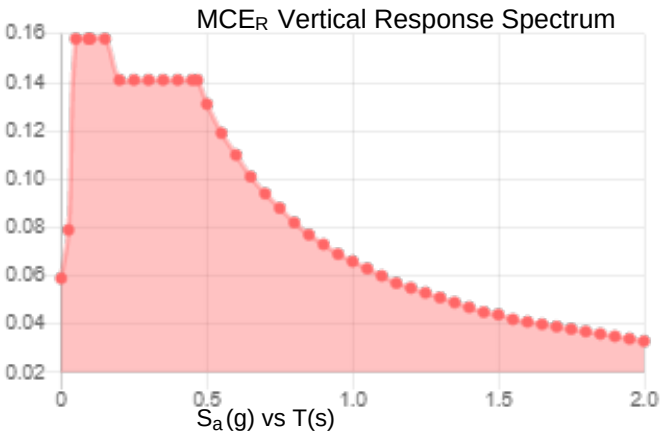
Results:

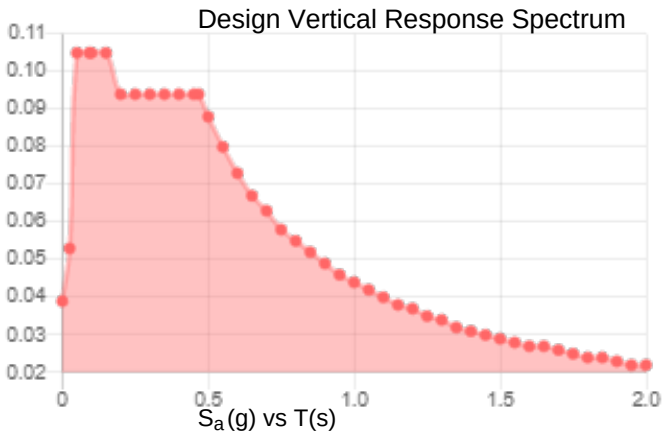
S_S :	0.176	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.093
F_v :	2.4	PGA_M :	0.148
S_{MS} :	0.281	F_{PGA} :	1.6
S_{M1} :	0.131	I_e :	1
S_{DS} :	0.188	C_v :	0.7

Seismic Design Category B









Data Accessed: Tue Oct 05 2021

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

Ice

Results:

Ice Thickness:	1.50 in.
Concurrent Temperature:	5 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Tue Oct 05 2021

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

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Exhibit E

Mount Analysis

GPD Engineering And Architecture Professional Corporation
520 South Main Street, Suite 2531
Akron, OH 44311
(317) 295-3174

Maser Consulting Contact:
Peter.albano@colliersengineering.com
(856) 371-9457

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10101702
GPD Project #: 2021740.467177.02
Maser Consulting Project #: 21777130

September 14, 2021

Site Information	*Site ID:*	*467177-VZW / SOMERS CT*
	Site Name:	*SOMERS CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*126 Pioneer Heights Rd.* *Somers, Connecticut 06071, Tolland County*
	Latitude:	*41.948986°*
	Longitude:	*-72.492030°*
Structure Information	*Tower Type:*	*161-Ft Self Support*
	Mount Type:	*15.00-Ft Sector Mount*

FUZE ID # 16272371

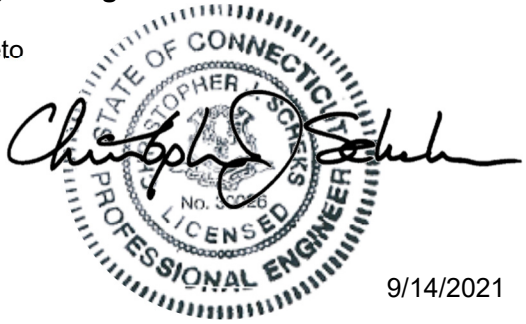
Analysis Results

Sector Mount: **66.0% Pass**

******Contractor PMI Requirements***:
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements also Noted on Mount Modification Drawings
Requirements may also be Noted on A & E drawings
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared by: Eric Nieto

Respectfully Submitted by:



Christopher J. Scheks, P.E.
Connecticut #: 0030026

9/14/2021

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	Verizon RFDS Site ID: 324859, dated 8/27/2021
Mount Mapping Report	HUDSON DESIGN GROUP, LLC., Site #: 467177, dated 3/29/2021
Previous Mount Analysis Report	GPD Project #: 2021740.467177.01, dated 9/7/2021
Proposed Mount Modification Design	GPD Project #: 2021740.467177.02 Rev. 0, dated 9/14/2021

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	117 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.986
Seismic Parameters:	S_S:	0.176 g
	S_1:	0.055 g
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 (V17.0.2)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
157.50	159.00	6	Commscope	NHH-65B-R2B	Added
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		1	Raycap	RVZDC-6627-PF-48	
		4	Antel	LPA-80063/4CF	Retained
		2	RFS	APL866513	

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to GPD 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 GPD to verify deviation will not adversely impact the analysis.

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

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

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

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

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

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

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. GPD 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, U-Bolts — ASTM A307
   - Bolts — ASTM A325

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontals (P2.5 STD)	40.2 %	Pass
Standoff Horizontals (P2 STD)	38.6 %	Pass
Standoff Diag (ROHN1.5x16GA)	33.6 %	Pass
Standoff Front Vert (P2 STD)	2.2 %	Pass
Standoff Vert (ROHN1.5x16GA)	24.9 %	Pass
Standoff Plate (PL3-1/2x3/8)	66.0 %	Pass
Bracing Plate (PL3-1/2x3/8)	3.7 %	Pass
Bracing Plate (PL2-3/4x3/8)	18.6 %	Pass
Mod Tieback (P2 STD)	20.7 %	Pass
Mod Pipe Mount (P2.5 STD)	22.6 %	Pass
Pipe Mount (P2 STD)	31.0 %	Pass
Mount Connection	33.3 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**66.0%**

Recommendation:

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

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

Attachments:

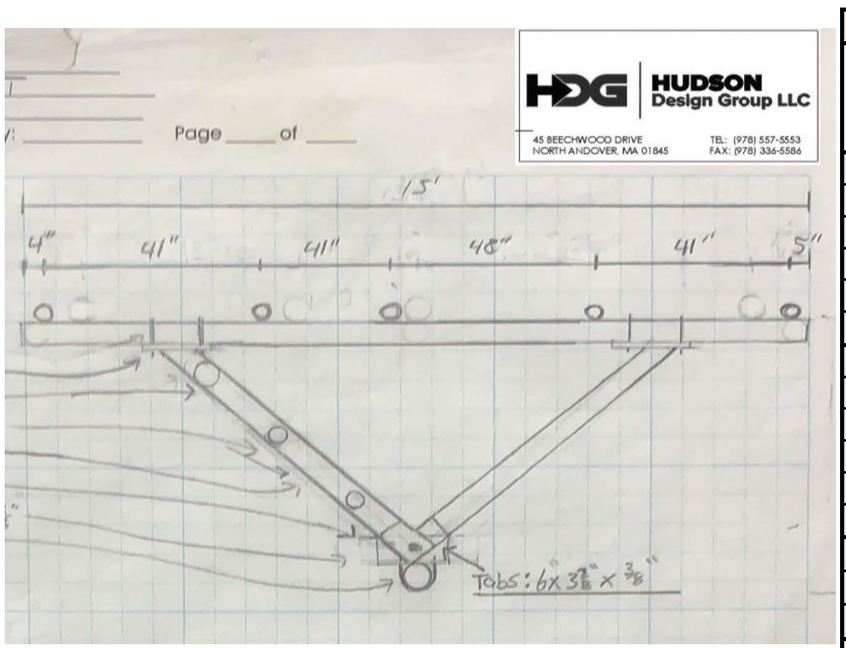
1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required PMI Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption Wind Speed Letter

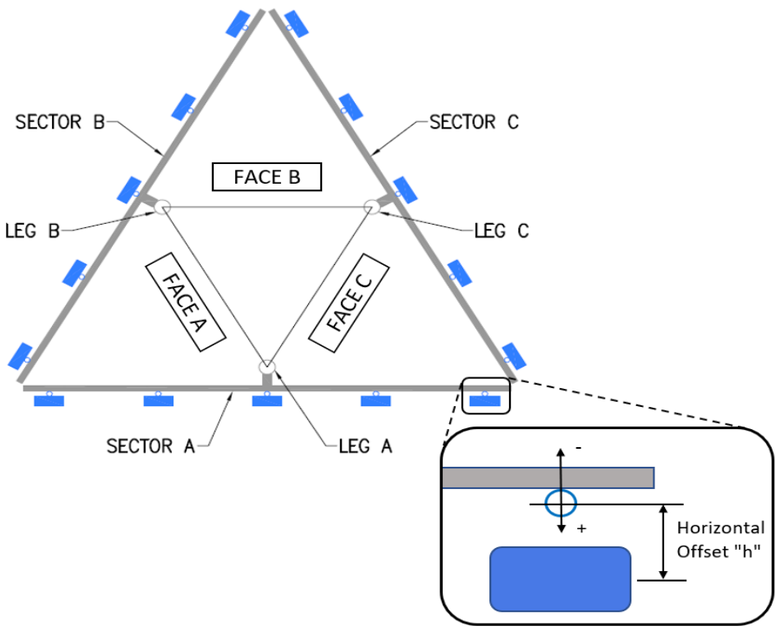
V3.0 Updated on 8-31-2020

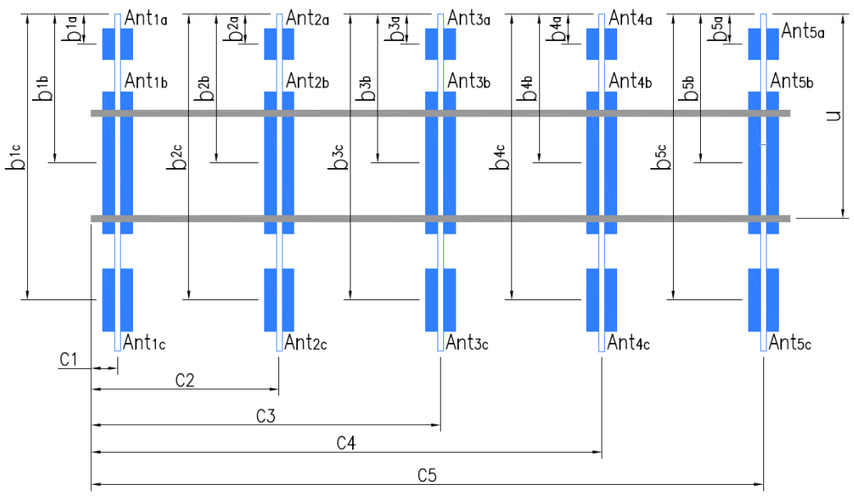
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	CROWN CASTLE	**Mapping Date:**	3/29/2021
Site Name:	SOMERS CT	**Tower Type:**	Self Support
Site Number or ID:	467177	**Tower Height (Ft.):**	161
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	157







Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 66" LONG	59.00	4.00	C1	2" STD. PIPE X 66" LONG	59.00	4.00
A2	2" STD. PIPE X 66" LONG	59.00	45.00	C2	2" STD. PIPE X 66" LONG	59.00	45.00
A3	2" STD. PIPE X 72" LONG	66.00	86.00	C3	2" STD. PIPE X 72" LONG	66.00	86.00
A4	2" STD. PIPE X 66" LONG	59.00	134.00	C4	2" STD. PIPE X 66" LONG	59.00	134.00
A5	2" STD. PIPE X 66" LONG	59.00	175.00	C5	2" STD. PIPE X 66" LONG	59.00	175.00
A6				C6			
B1	2" STD. PIPE X 66" LONG	59.00	4.00	D1			
B2	2" STD. PIPE X 66" LONG	59.00	45.00	D2			
B3	2" STD. PIPE X 72" LONG	66.00	86.00	D3			
B4	2" STD. PIPE X 66" LONG	59.00	134.00	D4			
B5	2" STD. PIPE X 66" LONG	59.00	175.00	D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	20.00
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.) :	10

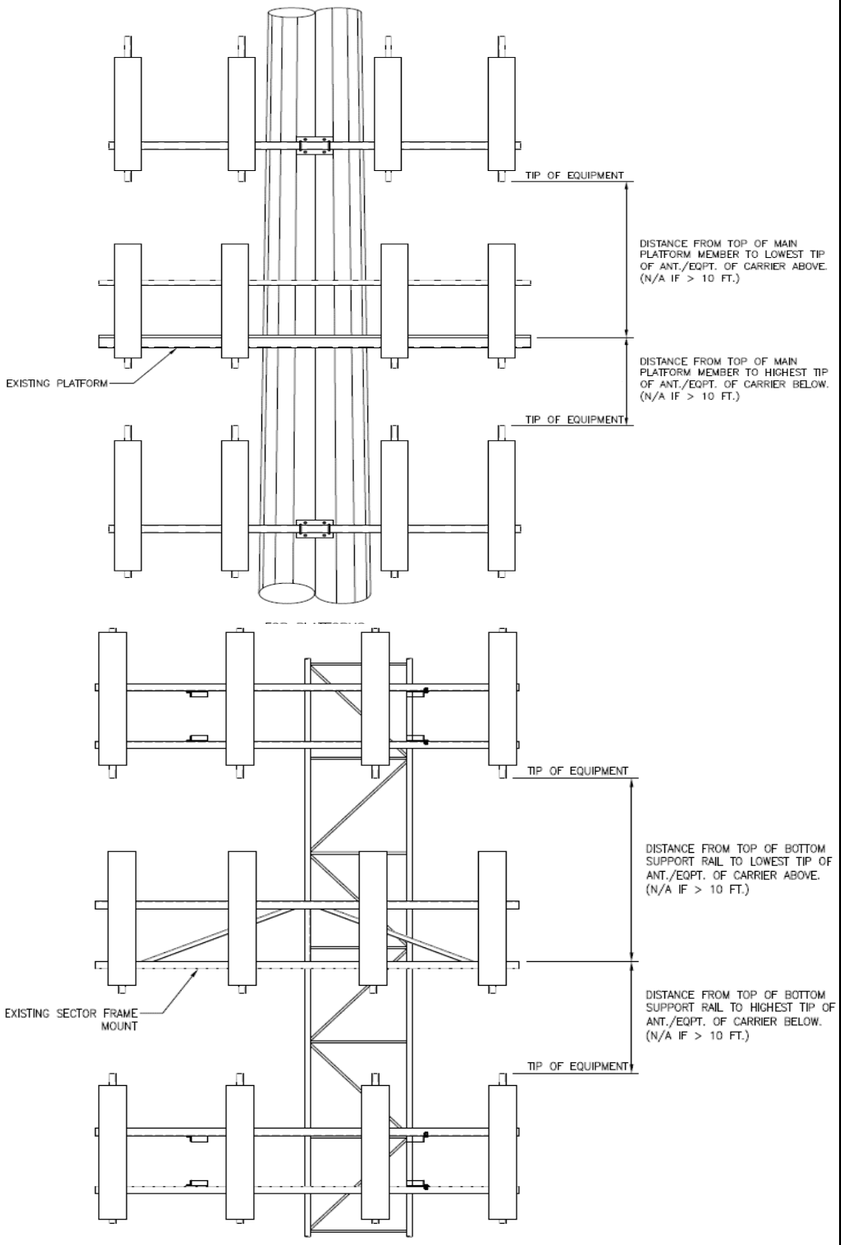
Please enter additional infomation or comments below.

Tower Face Width at Mount Elev. (ft.):	6.73	Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	2.375

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	APL 866513-42T6	9.00	9.00	48.00		158.583	20.00	16.00	0.00	29, 35
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	HBXX-6517DS-A2M	12.00	6.50	75.00		158.583	20.00	9.50	0.00	30, 32, 35
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	LNX-6514DS-A1M	12.00	7.50	73.00		158.333	30.00	8.00	0.00	31, 36
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	HBXX-6517DS-A2M	12.00	6.50	75.00		158.583	20.00	9.50	0.00	30, 32, 37
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	APL 866513-42T6	9.00	9.00	48.00		158.583	20.00	16.00	0.00	29, 37
Ant_{5c}										
Ant on Standoff	B4 RRH 2X60-4R	11.00	5.50	36.00						35
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	0.00	Deg	Leg A:	40.00	Deg
Sector B:	110.00	Deg	Leg B:	160.00	Deg
Sector C:	250.00	Deg	Leg C:	280.00	Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	280.00	Deg	Sector C
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was obstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	LPA-80063-4CF	15.00	13.00	48.00		158.583	20.00	16.00	110.00	34, 38
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	HBXX-6517DS-A2M	12.00	6.50	75.00		158.583	20.00	9.50	110.00	30, 38
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	LNX-6514DS-A1M	12.00	7.50	73.00		158.333	30.00	8.00	110.00	31, 39
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	HBXX-6517DS-A2M	12.00	6.50	75.00		158.583	20.00	9.50	110.00	32, 39
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	LPA-80063-4CF	15.00	13.00	48.00		158.583	20.00	16.00	110.00	34, 40
Ant_{5c}										
Ant on Standoff	B4 RRH 2X60-4R	11.00	5.50	36.00						38
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Sector C										
Ant_{1a}										
Ant_{1b}	LPA-80063-4CF	15.00	13.00	48.00		158.583	20.00	16.00	250.00	34, 41
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	HBXX-6517DS-A2M	12.00	6.50	75.00		158.583	20.00	9.50	250.00	30, 41
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	LNX-6514DS-A1M	12.00	7.50	73.00		158.333	30.00	8.00	250.00	31, 41
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	HBXX-6517DS-A2M	12.00	6.50	75.00		158.583	20.00	9.50	250.00	30, 42
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	LPA-80063-4CF	15.00	13.00	48.00		158.583	20.00	16.00	250.00	34, 42
Ant_{5c}										
Ant on Standoff	B4 RRH 2X60-4R	11.00	5.50	36.00						24
Ant on Standoff										
Ant on Tower	RRFDC-3315-PF-48	15.00	10.00	28.00						43 - 45
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	(18) 1-5/8" COAX & (1) 1-1/4" HYBRID (1) 1/2" SUPERFLEX	44-51
2		
3		
4		
5		
6		
7		
8		

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

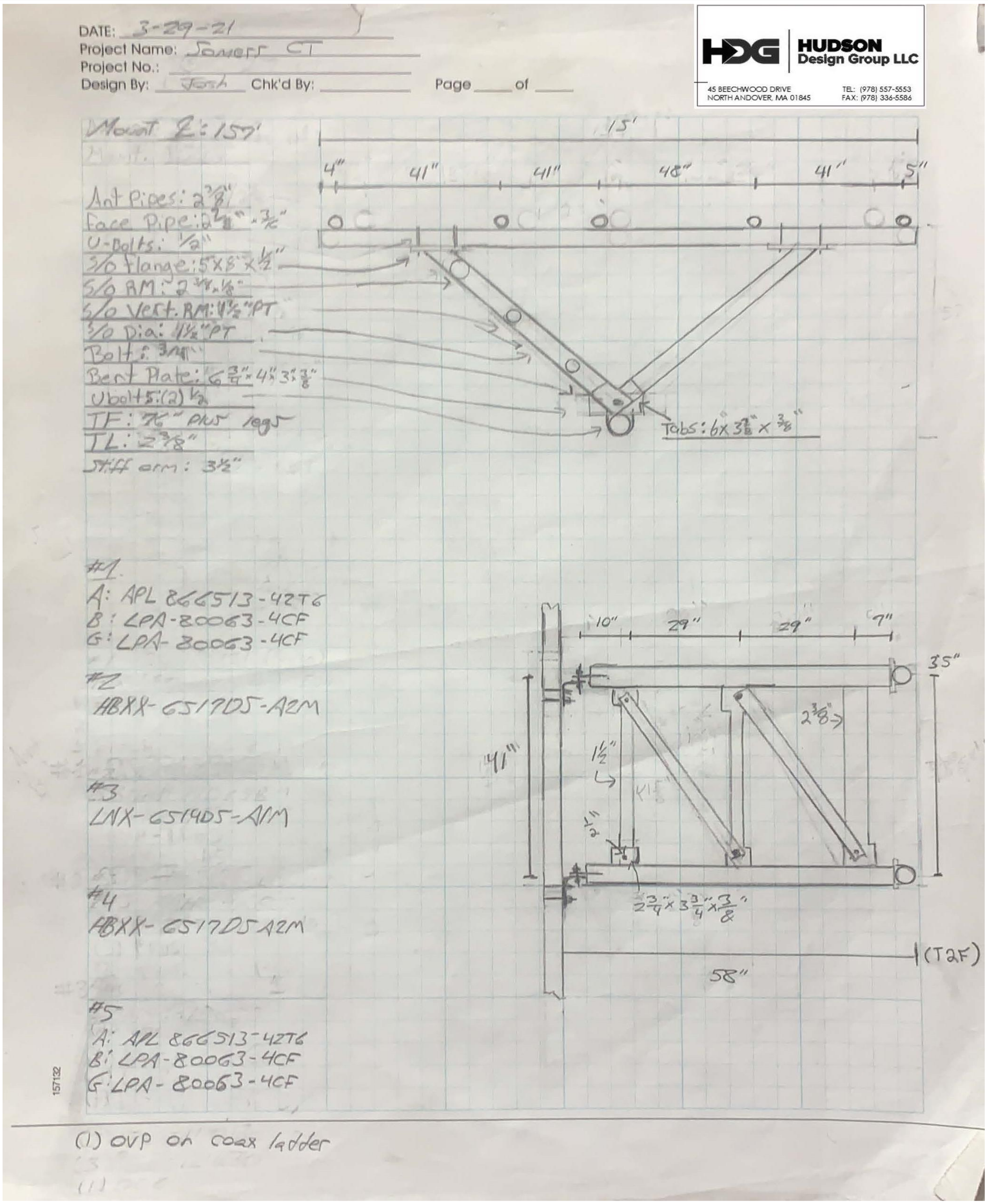
Standard Conditions
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

Antenna Mount Mapping Form (PATENT PENDING)

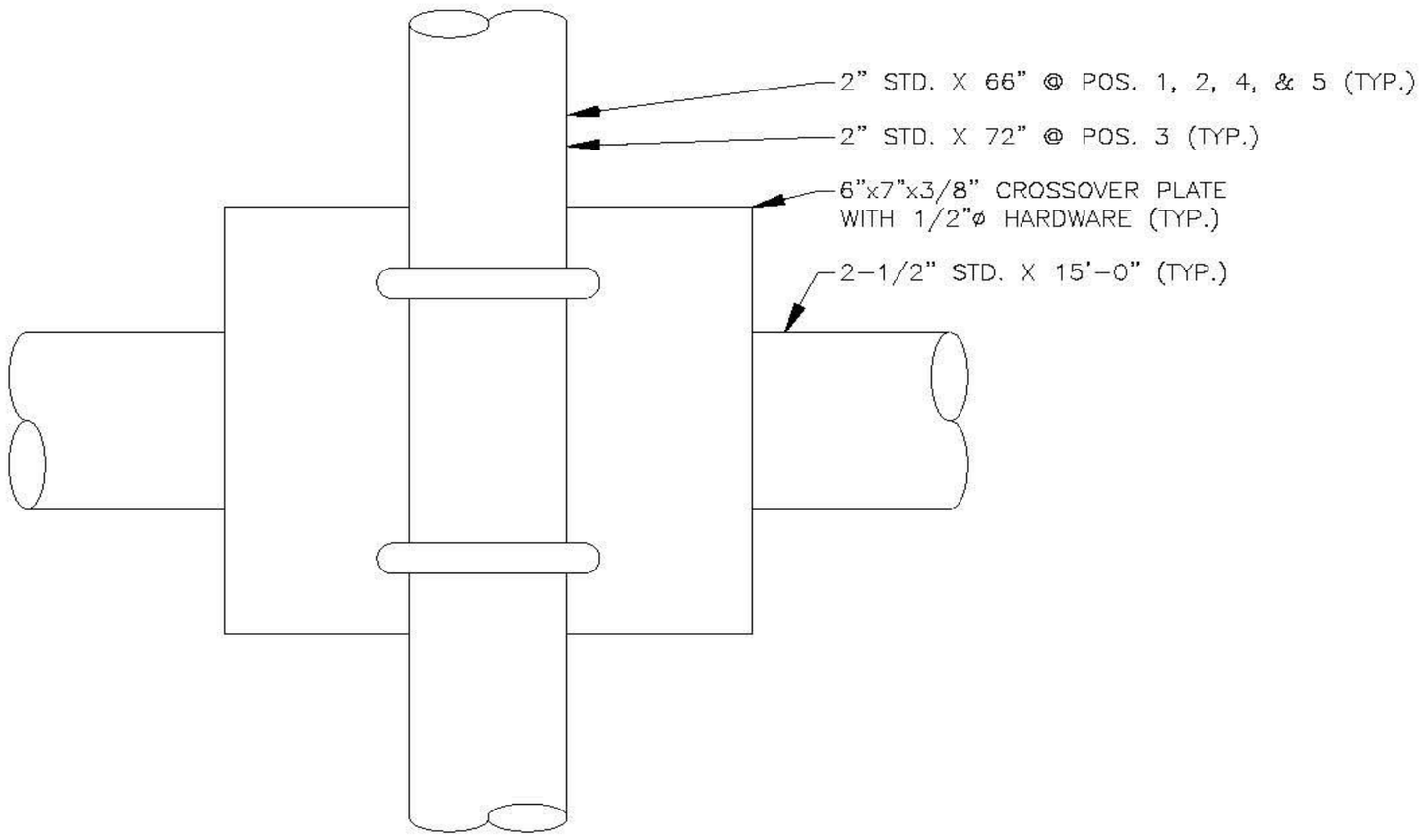
Tower Owner:	CROWN CASTLE	**Mapping Date:**	3/29/2021
Site Name:	SOMERS CT	**Tower Type:**	Self Support
Site Number or ID:	467177	**Tower Height (Ft.):**	161
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	157

FCC #

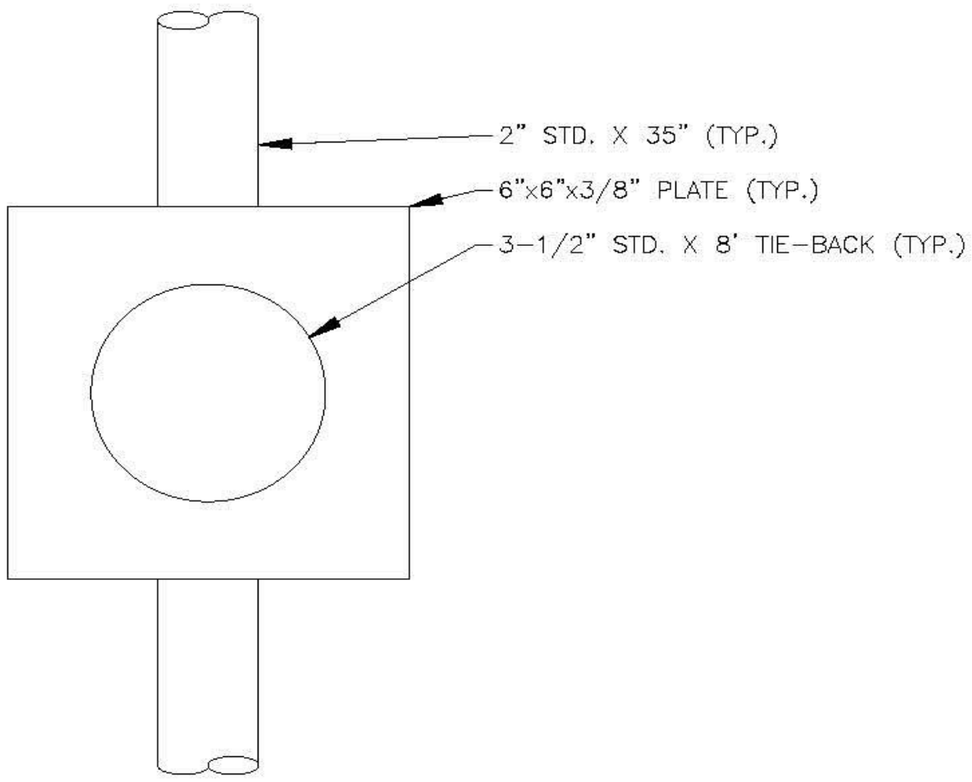
Please Insert Sketches of the Antenna Mount



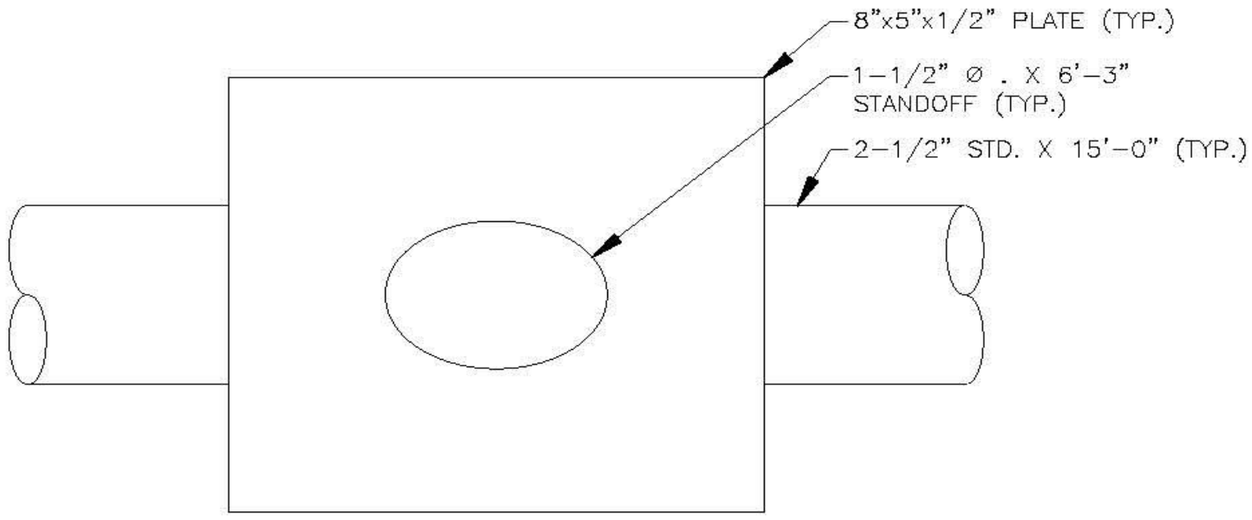
Please Insert Sketches of the Antenna Mount, cont'd



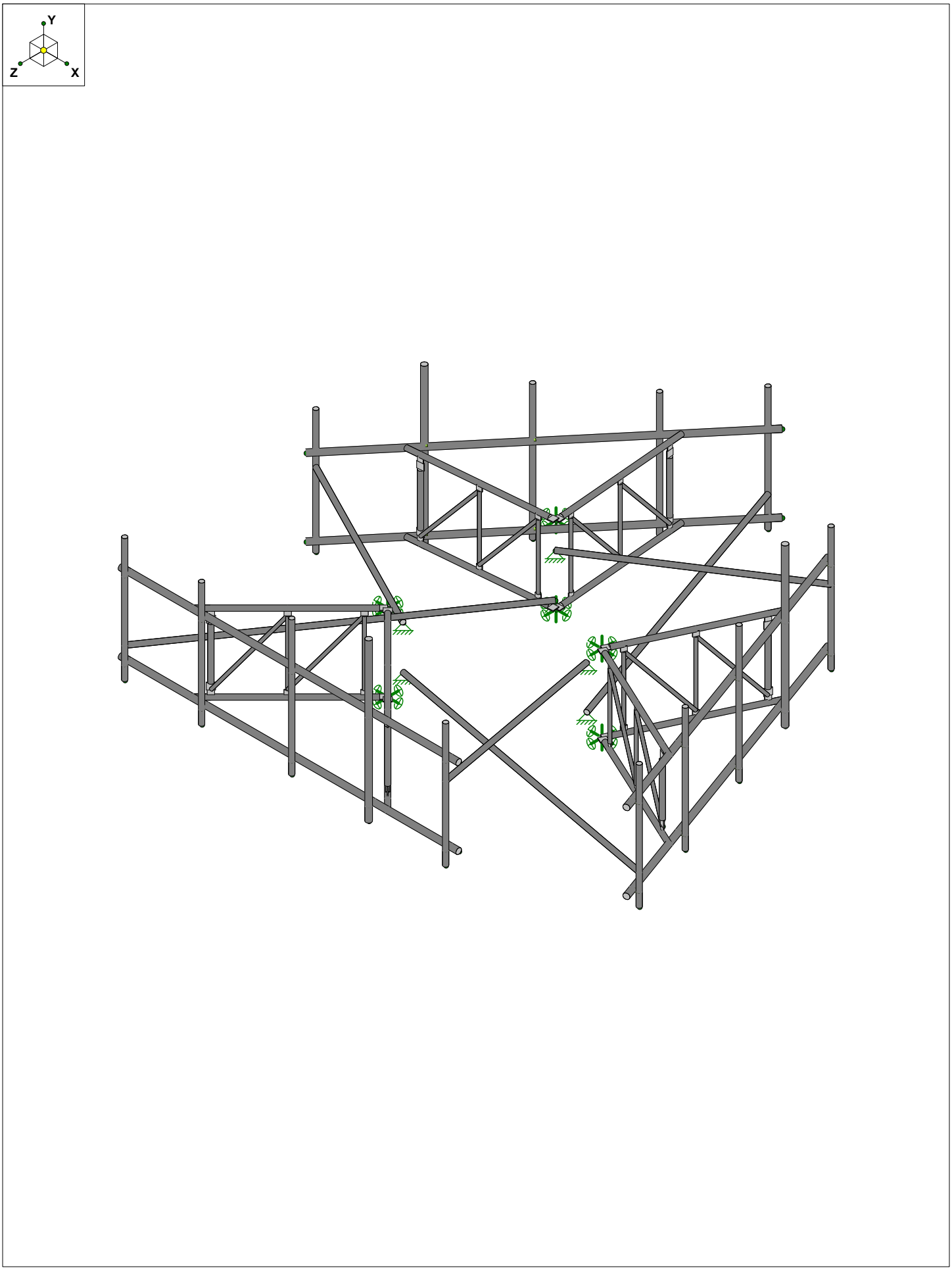
DETAIL C

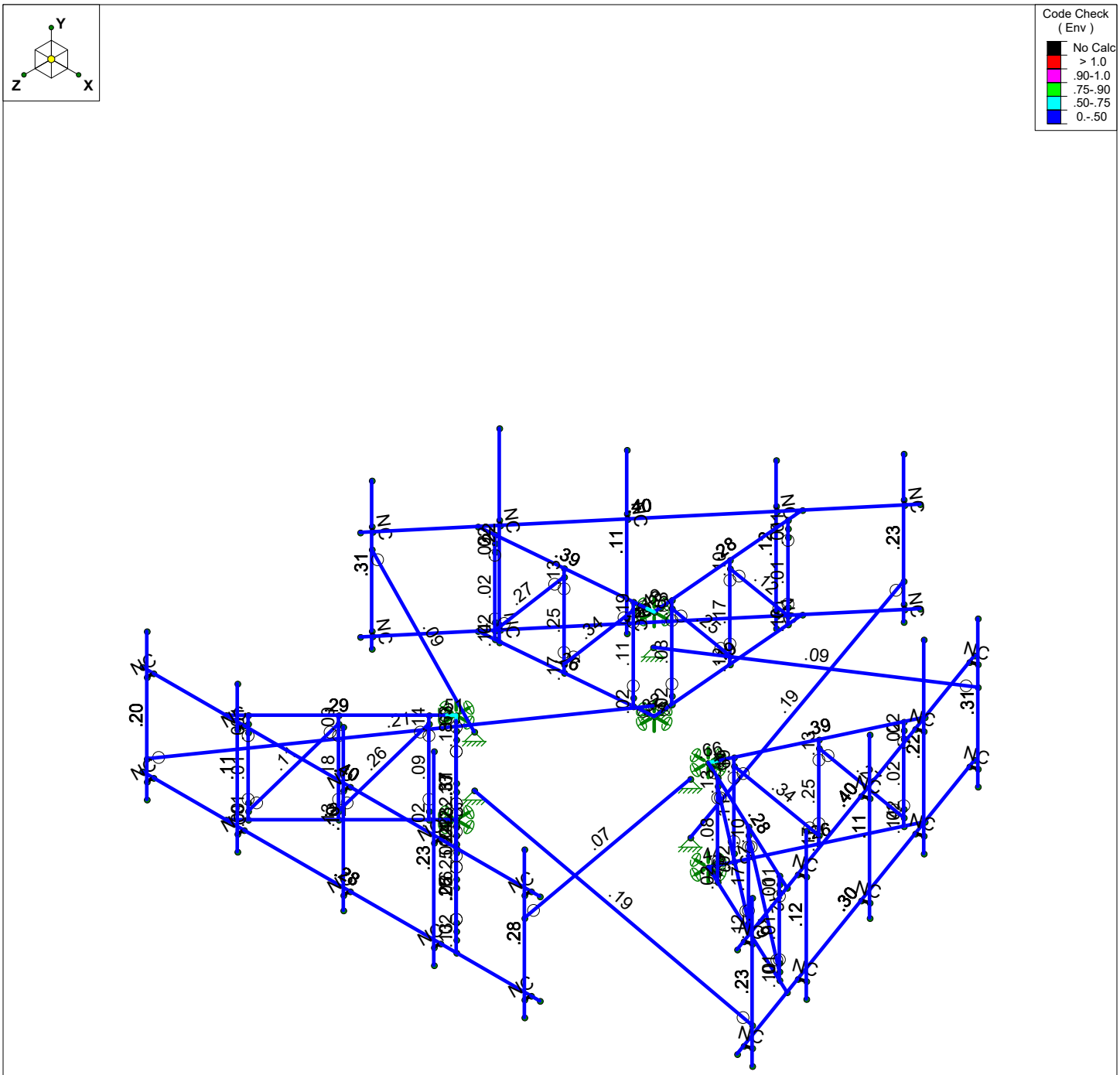


STIFF ARM MOUNTING PLATE DETAIL

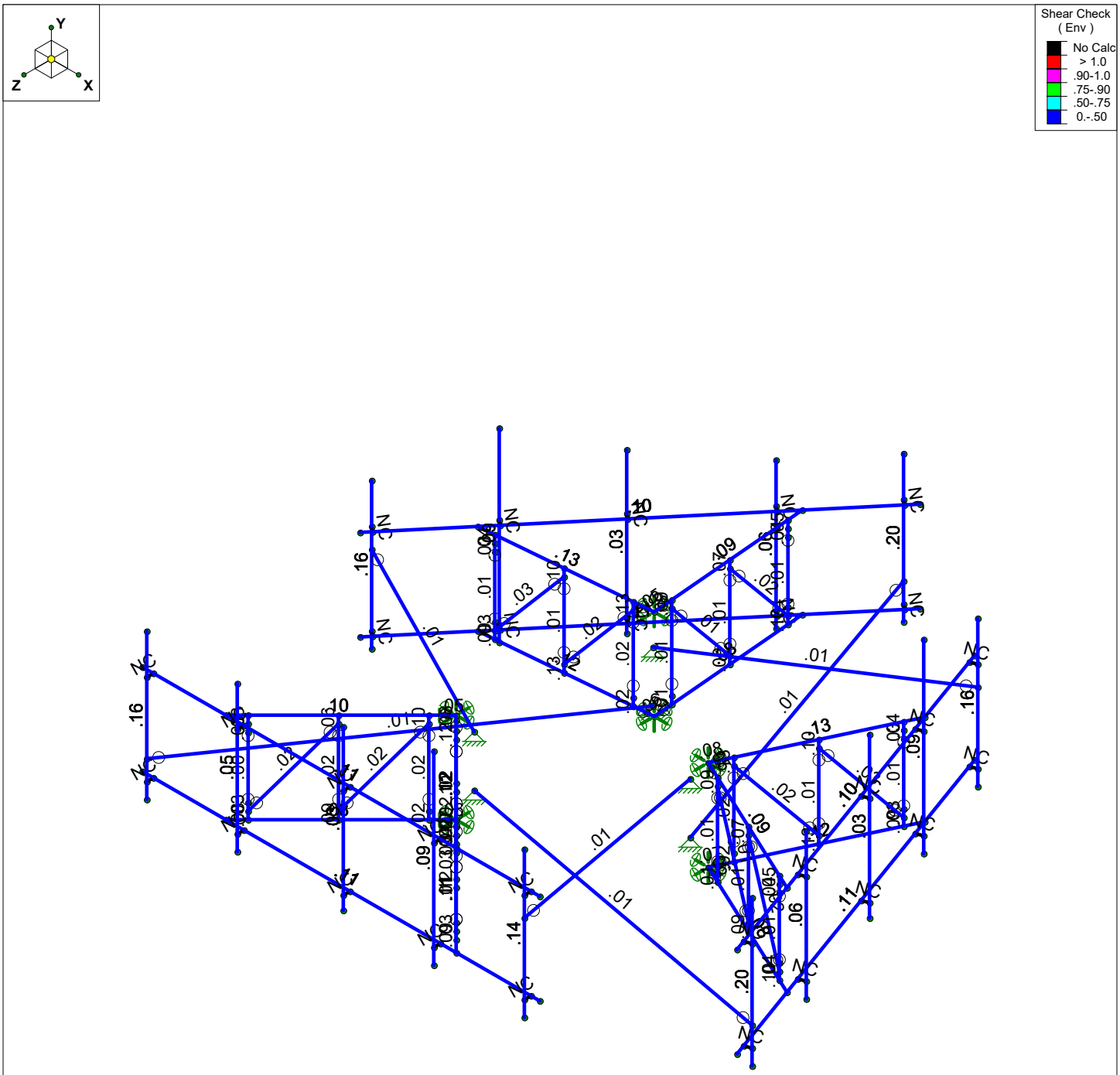


STANDOFF MOUNTING PLATE DETAIL


Y
Z
X



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



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

Basic Load Cases

	BLC Description	Category	X Gra...	Y Gra...	Z Grav...	Joint	Point	Distrib...	Area(Member)	Surface(Plate/W...
1	Antenna D	None					132			
2	Antenna Di	None					132			
3	Antenna Wo (0 Deg)	None					132			
4	Antenna Wo (30 Deg)	None					132			
5	Antenna Wo (60 Deg)	None					132			
6	Antenna Wo (90 Deg)	None					132			
7	Antenna Wo (120 Deg)	None					132			
8	Antenna Wo (150 Deg)	None					132			
9	Antenna Wo (180 Deg)	None					132			
10	Antenna Wo (210 Deg)	None					132			
11	Antenna Wo (240 Deg)	None					132			
12	Antenna Wo (270 Deg)	None					132			
13	Antenna Wo (300 Deg)	None					132			
14	Antenna Wo (330 Deg)	None					132			
15	Antenna Wi (0 Deg)	None					132			
16	Antenna Wi (30 Deg)	None					132			
17	Antenna Wi (60 Deg)	None					132			
18	Antenna Wi (90 Deg)	None					132			
19	Antenna Wi (120 Deg)	None					132			
20	Antenna Wi (150 Deg)	None					132			
21	Antenna Wi (180 Deg)	None					132			
22	Antenna Wi (210 Deg)	None					132			
23	Antenna Wi (240 Deg)	None					132			
24	Antenna Wi (270 Deg)	None					132			
25	Antenna Wi (300 Deg)	None					132			
26	Antenna Wi (330 Deg)	None					132			
27	Antenna Wm (0 Deg)	None					132			
28	Antenna Wm (30 Deg)	None					132			
29	Antenna Wm (60 Deg)	None					132			
30	Antenna Wm (90 Deg)	None					132			
31	Antenna Wm (120 Deg)	None					132			
32	Antenna Wm (150 Deg)	None					132			
33	Antenna Wm (180 Deg)	None					132			
34	Antenna Wm (210 Deg)	None					132			
35	Antenna Wm (240 Deg)	None					132			
36	Antenna Wm (270 Deg)	None					132			
37	Antenna Wm (300 Deg)	None					132			
38	Antenna Wm (330 Deg)	None					132			
39	Structure D	None		-1						
40	Structure Di	None						129		
41	Structure Wo (0 Deg)	None						258		
42	Structure Wo (30 Deg)	None						258		
43	Structure Wo (60 Deg)	None						258		
44	Structure Wo (90 Deg)	None						258		
45	Structure Wo (120 Deg)	None						258		
46	Structure Wo (150 Deg)	None						258		
47	Structure Wo (180 Deg)	None						258		
48	Structure Wo (210 Deg)	None						258		
49	Structure Wo (240 Deg)	None						258		
50	Structure Wo (270 Deg)	None						258		
51	Structure Wo (300 Deg)	None						258		
52	Structure Wo (330 Deg)	None						258		
53	Structure Wi (0 Deg)	None						258		
54	Structure Wi (30 Deg)	None						258		
55	Structure Wi (60 Deg)	None						258		
56	Structure Wi (90 Deg)	None						258		

Basic Load Cases (Continued)

	BLC Description	Category	X Gra...	Y Gra...	Z Grav...	Joint	Point	Distrib...	Area(Member)	Surface(Plate/W...
57	Structure Wi (120 Deg)	None						258		
58	Structure Wi (150 Deg)	None						258		
59	Structure Wi (180 Deg)	None						258		
60	Structure Wi (210 Deg)	None						258		
61	Structure Wi (240 Deg)	None						258		
62	Structure Wi (270 Deg)	None						258		
63	Structure Wi (300 Deg)	None						258		
64	Structure Wi (330 Deg)	None						258		
65	Structure Wm (0 Deg)	None						258		
66	Structure Wm (30 Deg)	None						258		
67	Structure Wm (60 Deg)	None						258		
68	Structure Wm (90 Deg)	None						258		
69	Structure Wm (120 Deg)	None						258		
70	Structure Wm (150 Deg)	None						258		
71	Structure Wm (180 Deg)	None						258		
72	Structure Wm (210 Deg)	None						258		
73	Structure Wm (240 Deg)	None						258		
74	Structure Wm (270 Deg)	None						258		
75	Structure Wm (300 Deg)	None						258		
76	Structure Wm (330 Deg)	None						258		
77	Lm1	None					3			
78	Lm2	None					3			
79	Lv1	None					3			
80	Lv2	None					3			

Load Combinations

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

Load Combinations (Continued)

	Description	S...	PDel...	SRSS	B...	Fa...	B...	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
29	1.2D + 1.5Lm1 + 1.0Wm (120 Deg)	Y...	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (150 Deg)	Y...	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (180 Deg)	Y...	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (210 Deg)	Y...	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (240 Deg)	Y...	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (270 Deg)	Y...	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (300 Deg)	Y...	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (330 Deg)	Y...	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 Deg)	Y...	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30 Deg)	Y...	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60 Deg)	Y...	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90 Deg)	Y...	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (120 Deg)	Y...	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (150 Deg)	Y...	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (180 Deg)	Y...	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 Deg)	Y...	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (240 Deg)	Y...	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 Deg)	Y...	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (300 Deg)	Y...	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 Deg)	Y...	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Y...	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Y...	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Y...	Y		1	1.4	39	1.4																
52	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + 1.0Eh (0 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0Eh (30 Deg)		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.8...										
55	1.2D + 1.0Ev + 1.0Eh (60 Deg)		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0Eh (90 Deg)		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0Eh (120 Deg)		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0Eh (150 Deg)		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0Eh (180 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0Eh (210 Deg)		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0Eh (240 Deg)		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0Eh (270 Deg)		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0Eh (300 Deg)		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0Eh (330 Deg)		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.8...										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	A1	-6.554068	0	7.784522	0	
2	A2	2.138682	0	7.784522	0	
3	A3	-2.207693	0	3.439376	0	
4	A4	-6.134164	0	7.364737	0	
5	A5	-4.428764	0	5.659819	0	
6	A6	-2.723365	0	3.954902	0	
7	A7	-1.692021	0	3.954902	0	
8	A8	0.013378	0	5.659819	0	
9	A9	1.718778	0	7.364737	0	
10	A10	-6.554068	3.416667	7.784522	0	
11	A11	2.138682	3.416667	7.784522	0	
12	A12	-2.207693	3.416667	3.439376	0	
13	A13	-6.134164	3.416667	7.364737	0	
14	A14	-4.428764	3.416667	5.659819	0	
15	A15	-2.723365	3.416667	3.954902	0	
16	A16	-1.692021	3.416667	3.954902	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
17	A17	0.013378	3.416667	5.659819	0	
18	A18	1.718778	3.416667	7.364737	0	
19	A19	-6.134164	0.28125	7.364737	0	
20	A20	-4.428764	0.28125	5.659819	0	
21	A21	-2.723365	0.28125	3.954902	0	
22	A22	-1.692021	0.28125	3.954902	0	
23	A23	0.013378	0.28125	5.659819	0	
24	A24	1.718778	0.28125	7.364737	0	
25	A25	-6.134164	3.135417	7.364737	0	
26	A26	-4.428764	3.135417	5.659819	0	
27	A27	-2.723365	3.135417	3.954902	0	
28	A28	-1.692021	3.135417	3.954902	0	
29	A29	0.013378	3.135417	5.659819	0	
30	A30	1.718778	3.135417	7.364737	0	
31	A31	-2.030891	0	3.616128	0	
32	A32	-2.384495	0	3.616128	0	
33	A33	-2.030891	3.416667	3.616128	0	
34	A34	-2.384495	3.416667	3.616128	0	
35	A35	5.292307	0	7.784522	0	
36	A36	-9.707693	0	7.784522	0	
37	A37	5.292307	3.416667	7.784522	0	
38	A38	-9.707693	3.416667	7.784522	0	
39	A39	1.718778	0.5625	7.364737	0	
40	A40	1.718778	2.854167	7.364737	0	
41	A41	-6.134164	0.5625	7.364737	0	
42	A42	-6.134164	2.854167	7.364737	0	
43	A43	4.958974	0	8.034522	0	
44	A44	4.958974	3.416667	8.034522	0	
45	A45	4.958974	0	7.784522	0	
46	A46	4.958974	3.416667	7.784522	0	
47	A47	4.958974	4.916667	8.034522	0	
48	A48	4.958974	-0.583333	8.034522	0	
49	A49	1.542307	0	8.034522	0	
50	A50	1.542307	3.416667	8.034522	0	
51	A51	1.542307	0	7.784522	0	
52	A52	1.542307	3.416667	7.784522	0	
53	A53	1.542307	6.416667	8.034522	0	
54	A54	1.542307	-0.583333	8.034522	0	
55	A55	-1.87436	0	8.034522	0	
56	A56	-1.87436	3.416667	8.034522	0	
57	A57	-1.87436	0	7.784522	0	
58	A58	-1.87436	3.416667	7.784522	0	
59	A59	-1.87436	5.5	8.034522	0	
60	A60	-1.87436	-.5	8.034522	0	
61	A61	-5.87436	0	8.034522	0	
62	A62	-5.87436	3.416667	8.034522	0	
63	A63	-5.87436	0	7.784522	0	
64	A64	-5.87436	3.416667	7.784522	0	
65	A65	-5.87436	4.916667	8.034522	0	
66	A66	-5.87436	-0.583333	8.034522	0	
67	A67	-9.291026	0	8.034522	0	
68	A68	-9.291026	3.416667	8.034522	0	
69	A69	-9.291026	0	7.784522	0	
70	A70	-9.291026	3.416667	7.784522	0	
71	A71	-9.291026	4.916667	8.034522	0	
72	A72	-9.291026	-0.583333	8.034522	0	
73	B73	-2.380877	0	-9.795035	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
74	B74	-7.968469	0	-3.136002	0	
75	B75	-1.846098	0	-3.672512	0	
76	B76	-2.329212	0	-9.203537	0	
77	B77	-2.119379	0	-6.801225	0	
78	B78	-1.909547	0	-4.398914	0	
79	B79	-2.572481	0	-3.608859	0	
80	B80	-4.974733	0	-3.398347	0	
81	B81	-7.376986	0	-3.187835	0	
82	B82	-2.380877	3.416667	-9.795035	0	
83	B83	-7.968469	3.416667	-3.136002	0	
84	B84	-1.846098	3.416667	-3.672512	0	
85	B85	-2.329212	3.416667	-9.203537	0	
86	B86	-2.119379	3.416667	-6.801225	0	
87	B87	-1.909547	3.416667	-4.398914	0	
88	B88	-2.572481	3.416667	-3.608859	0	
89	B89	-4.974733	3.416667	-3.398347	0	
90	B90	-7.376986	3.416667	-3.187835	0	
91	B91	-2.329212	0.28125	-9.203537	0	
92	B92	-2.119379	0.28125	-6.801225	0	
93	B93	-1.909547	0.28125	-4.398914	0	
94	B94	-2.572481	0.28125	-3.608859	0	
95	B95	-4.974733	0.28125	-3.398347	0	
96	B96	-7.376986	0.28125	-3.187835	0	
97	B97	-2.329212	3.135417	-9.203537	0	
98	B98	-2.119379	3.135417	-6.801225	0	
99	B99	-1.909547	3.135417	-4.398914	0	
100	B100	-2.572481	3.135417	-3.608859	0	
101	B101	-4.974733	3.135417	-3.398347	0	
102	B102	-7.376986	3.135417	-3.187835	0	
103	B103	-2.095144	0	-3.650689	0	
104	B104	-1.867852	0	-3.921564	0	
105	B105	-2.095144	3.416667	-3.650689	0	
106	B106	-1.867852	3.416667	-3.921564	0	
107	B107	-9.99558	0	-0.720185	0	
108	B108	-0.353766	0	-12.210852	0	
109	B109	-9.99558	3.416667	-0.720185	0	
110	B110	-0.353766	3.416667	-12.210852	0	
111	B111	-7.376986	0.5625	-3.187835	0	
112	B112	-7.376986	2.854167	-3.187835	0	
113	B113	-2.329212	0.5625	-9.203537	0	
114	B114	-2.329212	2.854167	-9.203537	0	
115	B115	-9.972829	0	-1.13623	0	
116	B116	-9.972829	3.416667	-1.13623	0	
117	B117	-9.781317	0	-0.975533	0	
118	B118	-9.781317	3.416667	-0.975533	0	
119	B119	-9.972829	4.916667	-1.13623	0	
120	B120	-9.972829	-0.583333	-1.13623	0	
121	B121	-7.776638	0	-3.753549	0	
122	B122	-7.776638	3.416667	-3.753549	0	
123	B123	-7.585126	0	-3.592852	0	
124	B124	-7.585126	3.416667	-3.592852	0	
125	B125	-7.776638	6.416667	-3.753549	0	
126	B126	-7.776638	-0.583333	-3.753549	0	
127	B127	-5.580447	0	-6.370867	0	
128	B128	-5.580447	3.416667	-6.370867	0	
129	B129	-5.388935	0	-6.21017	0	
130	B130	-5.388935	3.416667	-6.21017	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
131	B131	-5.580447	5.5	-6.370867	0	
132	B132	-5.580447	-.5	-6.370867	0	
133	B133	-3.009296	0	-9.435045	0	
134	B134	-3.009296	3.416667	-9.435045	0	
135	B135	-2.817785	0	-9.274348	0	
136	B136	-2.817785	3.416667	-9.274348	0	
137	B137	-3.009296	4.916667	-9.435045	0	
138	B138	-3.009296	-0.583333	-9.435045	0	
139	B139	-0.813105	0	-12.052364	0	
140	B140	-0.813105	3.416667	-12.052364	0	
141	B141	-0.621594	0	-11.891667	0	
142	B142	-0.621594	3.416667	-11.891667	0	
143	B143	-0.813105	4.916667	-12.052364	0	
144	B144	-0.813105	-0.583333	-12.052364	0	
145	C145	9.673188	0	2.835618	0	
146	C146	6.700092	0	-5.332895	0	
147	C147	4.103538	0	0.237488	0	
148	C148	9.135103	0	2.584612	0	
149	C149	6.949724	0	1.565176	0	
150	C150	4.764344	0	0.545741	0	
151	C151	4.411604	0	-0.423405	0	
152	C152	5.430421	0	-2.609072	0	
153	C153	6.449239	0	-4.79474	0	
154	C154	9.673188	3.416667	2.835618	0	
155	C155	6.700092	3.416667	-5.332895	0	
156	C156	4.103538	3.416667	0.237488	0	
157	C157	9.135103	3.416667	2.584612	0	
158	C158	6.949724	3.416667	1.565176	0	
159	C159	4.764344	3.416667	0.545741	0	
160	C160	4.411604	3.416667	-0.423405	0	
161	C161	5.430421	3.416667	-2.609072	0	
162	C162	6.449239	3.416667	-4.79474	0	
163	C163	9.135103	0.28125	2.584612	0	
164	C164	6.949724	0.28125	1.565176	0	
165	C165	4.764344	0.28125	0.545741	0	
166	C166	4.411604	0.28125	-0.423405	0	
167	C167	5.430421	0.28125	-2.609072	0	
168	C168	6.449239	0.28125	-4.79474	0	
169	C169	9.135103	3.135417	2.584612	0	
170	C170	6.949724	3.135417	1.565176	0	
171	C171	4.764344	3.135417	0.545741	0	
172	C172	4.411604	3.135417	-0.423405	0	
173	C173	5.430421	3.135417	-2.609072	0	
174	C174	6.449239	3.135417	-4.79474	0	
175	C175	4.209161	0	0.010897	0	
176	C176	4.3301	0	0.343175	0	
177	C177	4.209161	3.416667	0.010897	0	
178	C178	4.3301	3.416667	0.343175	0	
179	C179	5.621489	0	-8.296334	0	
180	C180	10.751791	0	5.799056	0	
181	C181	5.621489	3.416667	-8.296334	0	
182	C182	10.751791	3.416667	5.799056	0	
183	C183	6.449239	0.5625	-4.79474	0	
184	C184	6.449239	2.854167	-4.79474	0	
185	C185	9.135103	0.5625	2.584612	0	
186	C186	9.135103	2.854167	2.584612	0	
187	C187	5.970419	0	-8.068608	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
188	C188	5.970419	3.416667	-8.068608	0	
189	C189	5.735495	0	-7.983103	0	
190	C190	5.735495	3.416667	-7.983103	0	
191	C191	5.970419	4.916667	-8.068608	0	
192	C192	5.970419	-0.583333	-8.068608	0	
193	C193	7.138987	0	-4.857991	0	
194	C194	7.138987	3.416667	-4.857991	0	
195	C195	6.904064	0	-4.772486	0	
196	C196	6.904064	3.416667	-4.772486	0	
197	C197	7.138987	6.416667	-4.857991	0	
198	C198	7.138987	-0.583333	-4.857991	0	
199	C199	8.307556	0	-1.647375	0	
200	C200	8.307556	3.416667	-1.647375	0	
201	C201	8.072633	0	-1.56187	0	
202	C202	8.072633	3.416667	-1.56187	0	
203	C203	8.307556	5.5	-1.647375	0	
204	C204	8.307556	-.5	-1.647375	0	
205	C205	9.675637	0	2.111396	0	
206	C206	9.675637	3.416667	2.111396	0	
207	C207	9.440714	0	2.196901	0	
208	C208	9.440714	3.416667	2.196901	0	
209	C209	9.675637	4.916667	2.111396	0	
210	C210	9.675637	-0.583333	2.111396	0	
211	C211	10.844206	0	5.322012	0	
212	C212	10.844206	3.416667	5.322012	0	
213	C213	10.609283	0	5.407517	0	
214	C214	10.609283	3.416667	5.407517	0	
215	C215	10.844206	4.916667	5.322012	0	
216	C216	10.844206	-0.583333	5.322012	0	
217	N221	-9.972829	2.666667	-1.13623	0	
218	N222	-2.077819	2.666667	2.891764	0	
219	N219	10.844206	.75	5.322012	0	
220	N220	-2.077819	.75	2.891764	0	
221	N221A	-1.465432	2.666667	-3.245326	0	
222	N222A	-1.465432	.75	-3.245326	0	
223	N223	3.543251	2.666667	0.353562	0	
224	N224	3.543251	.75	0.353562	0	
225	N225	4.958974	2.666667	8.034522	0	
226	N226	5.970419	2.666667	-8.068608	0	
227	N227	-9.291026	.75	8.034522	0	
228	N228	-0.813105	.75	-12.052364	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rules	A [in...	Iyy [i...	Izz [i...	J [in4]
1	Face Horizontals (P2.5 STD)	PIPE_2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
2	Standoff Horizontals (P2 STD)	PIPE_2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
3	Standoff Diag (ROHN1.5x16GA)	Rohn 1.5x16GA	None	None	A53 Gr.B	Typical	.263	.068	.068	.137
4	Standoff Front Vert (P2 STD)	PIPE_2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
5	Standoff Vert (ROHN1.5x16GA)	Rohn 1.5x16GA	None	None	A53 Gr.B	Typical	.263	.068	.068	.137
6	Standoff Plate (PL3-1/2x3/8)	PL3/8x3.5	None	None	A36 Gr.36	Typical	1.313	.015	1.34	.057
7	Bracing Plate (PL3-1/2x3/8)	PL3/8x3.5	None	None	A36 Gr.36	Typical	1.313	.015	1.34	.057
8	Bracing Plate (PL2-3/4x3/8)	PL3/8x2.75	None	None	A36 Gr.36	Typical	1.031	.012	.65	.044
9	Mod Tieback (P2 STD)	PIPE_2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
10	Mod Pipe Mount (P2.5 STD)	PIPE_2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
11	Pipe Mount (P2 STD)	PIPE_2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (\1E5 F)	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
1	A1	A32	A3		90	Standoff Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
2	A2	A3	A31		90	Standoff Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
3	A3	A34	A12		90	Standoff Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
4	A4	A12	A33		90	Standoff Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
5	A5	A19	A4		135	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
6	A6	A20	A5		135	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
7	A7	A21	A6		135	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
8	A8	A22	A7		225	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
9	A9	A23	A8		225	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
10	A10	A24	A9		225	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
11	A11	A25	A13		45	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
12	A12	A26	A14		45	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
13	A13	A27	A15		45	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
14	A14	A28	A16		315	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
15	A15	A29	A17		315	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
16	A16	A30	A18		315	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
17	A17	A26	A20		90	Standoff Vert (ROHN1.5x16...	None	None	A53 Gr.B	Typical
18	A18	A27	A21		90	Standoff Vert (ROHN1.5x16...	None	None	A53 Gr.B	Typical
19	A19	A28	A22		90	Standoff Vert (ROHN1.5x16...	None	None	A53 Gr.B	Typical
20	A20	A29	A23		90	Standoff Vert (ROHN1.5x16...	None	None	A53 Gr.B	Typical
21	A21	A35	A36			Face Horizontals (P2.5 STD)	None	None	A53 Gr.B	Typical
22	A22	A37	A38			Face Horizontals (P2.5 STD)	None	None	A53 Gr.B	Typical
23	A23	A31	A2			Standoff Horizontals (P2 STD)	None	None	A53 Gr.B	Typical
24	A24	A32	A1			Standoff Horizontals (P2 STD)	None	None	A53 Gr.B	Typical
25	A25	A33	A11			Standoff Horizontals (P2 STD)	None	None	A53 Gr.B	Typical
26	A26	A34	A10			Standoff Horizontals (P2 STD)	None	None	A53 Gr.B	Typical
27	A27	A30	A40		225	Bracing Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
28	A28	A39	A24		225	Bracing Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
29	A29	A40	A39		90	Standoff Front Vert (P2 STD)	None	None	A53 Gr.B	Typical
30	A30	A42	A41		90	Standoff Front Vert (P2 STD)	None	None	A53 Gr.B	Typical
31	A31	A25	A42		135	Bracing Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
32	A32	A41	A19		135	Bracing Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
33	A33	A28	A23			Standoff Diag (ROHN1.5x16...	None	None	A53 Gr.B	Typical
34	A34	A29	A24			Standoff Diag (ROHN1.5x16...	None	None	A53 Gr.B	Typical
35	A35	A27	A20			Standoff Diag (ROHN1.5x16...	None	None	A53 Gr.B	Typical
36	A36	A26	A19			Standoff Diag (ROHN1.5x16...	None	None	A53 Gr.B	Typical
37	A37	A46	A44			RIGID	None	None	RIGID	Typical
38	A38	A45	A43			RIGID	None	None	RIGID	Typical
39	MP1A	A47	A48			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
40	A40	A52	A50			RIGID	None	None	RIGID	Typical
41	A41	A51	A49			RIGID	None	None	RIGID	Typical
42	MP2A	A53	A54			Mod Pipe Mount (P2.5 STD)	None	None	A53 Gr.B	Typical
43	A43	A58	A56			RIGID	None	None	RIGID	Typical
44	A44	A57	A55			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	MP3A	A59	A60			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
46	A46	A64	A62			RIGID	None	None	RIGID	Typical
47	A47	A63	A61			RIGID	None	None	RIGID	Typical
48	MP4A	A65	A66			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
49	A49	A70	A68			RIGID	None	None	RIGID	Typical
50	A50	A69	A67			RIGID	None	None	RIGID	Typical
51	MP5A	A71	A72			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
52	B52	B104	B75		90	Standoff Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
53	B53	B75	B103		90	Standoff Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
54	B54	B106	B84		90	Standoff Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
55	B55	B84	B105		90	Standoff Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
56	B56	B91	B76		265	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
57	B57	B92	B77		265	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
58	B58	B93	B78		265	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
59	B59	B94	B79		355	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
60	B60	B95	B80		355	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
61	B61	B96	B81		355	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
62	B62	B97	B85		275	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
63	B63	B98	B86		275	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
64	B64	B99	B87		275	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
65	B65	B100	B88		185	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
66	B66	B101	B89		185	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
67	B67	B102	B90		185	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
68	B68	B98	B92		220	Standoff Vert (ROHN1.5x16...	None	None	A53 Gr.B	Typical
69	B69	B99	B93		220	Standoff Vert (ROHN1.5x16...	None	None	A53 Gr.B	Typical
70	B70	B100	B94		220	Standoff Vert (ROHN1.5x16...	None	None	A53 Gr.B	Typical
71	B71	B101	B95		220	Standoff Vert (ROHN1.5x16...	None	None	A53 Gr.B	Typical
72	B72	B107	B108			Face Horizontals (P2.5 STD)	None	None	A53 Gr.B	Typical
73	B73	B109	B110			Face Horizontals (P2.5 STD)	None	None	A53 Gr.B	Typical
74	B74	B103	B74			Standoff Horizontals (P2 STD)	None	None	A53 Gr.B	Typical
75	B75	B104	B73			Standoff Horizontals (P2 STD)	None	None	A53 Gr.B	Typical
76	B76	B105	B83			Standoff Horizontals (P2 STD)	None	None	A53 Gr.B	Typical
77	B77	B106	B82			Standoff Horizontals (P2 STD)	None	None	A53 Gr.B	Typical
78	B78	B102	B112		355	Bracing Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
79	B79	B111	B96		355	Bracing Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
80	B80	B112	B111		220	Standoff Front Vert (P2 STD)	None	None	A53 Gr.B	Typical
81	B81	B114	B113		220	Standoff Front Vert (P2 STD)	None	None	A53 Gr.B	Typical
82	B82	B97	B114		265	Bracing Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
83	B83	B113	B91		265	Bracing Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
84	B84	B100	B95			Standoff Diag (ROHN1.5x16...	None	None	A53 Gr.B	Typical
85	B85	B101	B96			Standoff Diag (ROHN1.5x16...	None	None	A53 Gr.B	Typical
86	B86	B99	B92			Standoff Diag (ROHN1.5x16...	None	None	A53 Gr.B	Typical
87	B87	B98	B91			Standoff Diag (ROHN1.5x16...	None	None	A53 Gr.B	Typical
88	B88	B118	B116			RIGID	None	None	RIGID	Typical
89	B89	B117	B115			RIGID	None	None	RIGID	Typical
90	MP1B	B119	B120			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
91	B91	B124	B122			RIGID	None	None	RIGID	Typical
92	B92	B123	B121			RIGID	None	None	RIGID	Typical
93	MP2B	B125	B126			Mod Pipe Mount (P2.5 STD)	None	None	A53 Gr.B	Typical
94	B94	B130	B128			RIGID	None	None	RIGID	Typical
95	B95	B129	B127			RIGID	None	None	RIGID	Typical
96	MP3B	B131	B132			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
97	B97	B136	B134			RIGID	None	None	RIGID	Typical
98	B98	B135	B133			RIGID	None	None	RIGID	Typical
99	MP4B	B137	B138			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
100	B100	B142	B140			RIGID	None	None	RIGID	Typical
101	B101	B141	B139			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	MP5B	B143	B144			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
103	C103	C176	C147		90	Standoff Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
104	C104	C147	C175		90	Standoff Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
105	C105	C178	C156		90	Standoff Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
106	C106	C156	C177		90	Standoff Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
107	C107	C163	C148		25	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
108	C108	C164	C149		25	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
109	C109	C165	C150		25	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
110	C110	C166	C151		115	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
111	C111	C167	C152		115	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
112	C112	C168	C153		115	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
113	C113	C169	C157		155	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
114	C114	C170	C158		155	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
115	C115	C171	C159		155	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
116	C116	C172	C160		65	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
117	C117	C173	C161		65	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
118	C118	C174	C162		65	Bracing Plate (PL2-3/4x3/8)	None	None	A36 Gr.36	Typical
119	C119	C170	C164		340	Standoff Vert (ROHN1.5x16...	None	None	A53 Gr.B	Typical
120	C120	C171	C165		340	Standoff Vert (ROHN1.5x16...	None	None	A53 Gr.B	Typical
121	C121	C172	C166		340	Standoff Vert (ROHN1.5x16...	None	None	A53 Gr.B	Typical
122	C122	C173	C167		340	Standoff Vert (ROHN1.5x16...	None	None	A53 Gr.B	Typical
123	C123	C179	C180			Face Horizontals (P2.5 STD)	None	None	A53 Gr.B	Typical
124	C124	C181	C182			Face Horizontals (P2.5 STD)	None	None	A53 Gr.B	Typical
125	C125	C175	C146			Standoff Horizontals (P2 STD)	None	None	A53 Gr.B	Typical
126	C126	C176	C145			Standoff Horizontals (P2 STD)	None	None	A53 Gr.B	Typical
127	C127	C177	C155			Standoff Horizontals (P2 STD)	None	None	A53 Gr.B	Typical
128	C128	C178	C154			Standoff Horizontals (P2 STD)	None	None	A53 Gr.B	Typical
129	C129	C174	C184		115	Bracing Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
130	C130	C183	C168		115	Bracing Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
131	C131	C184	C183		340	Standoff Front Vert (P2 STD)	None	None	A53 Gr.B	Typical
132	C132	C186	C185		340	Standoff Front Vert (P2 STD)	None	None	A53 Gr.B	Typical
133	C133	C169	C186		25	Bracing Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
134	C134	C185	C163		25	Bracing Plate (PL3-1/2x3/8)	None	None	A36 Gr.36	Typical
135	C135	C172	C167			Standoff Diag (ROHN1.5x16...	None	None	A53 Gr.B	Typical
136	C136	C173	C168			Standoff Diag (ROHN1.5x16...	None	None	A53 Gr.B	Typical
137	C137	C171	C164			Standoff Diag (ROHN1.5x16...	None	None	A53 Gr.B	Typical
138	C138	C170	C163			Standoff Diag (ROHN1.5x16...	None	None	A53 Gr.B	Typical
139	C139	C190	C188			RIGID	None	None	RIGID	Typical
140	C140	C189	C187			RIGID	None	None	RIGID	Typical
141	MP1C	C191	C192			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
142	C142	C196	C194			RIGID	None	None	RIGID	Typical
143	C143	C195	C193			RIGID	None	None	RIGID	Typical
144	MP2C	C197	C198			Mod Pipe Mount (P2.5 STD)	None	None	A53 Gr.B	Typical
145	C145	C202	C200			RIGID	None	None	RIGID	Typical
146	C146	C201	C199			RIGID	None	None	RIGID	Typical
147	MP3C	C203	C204			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
148	C148	C208	C206			RIGID	None	None	RIGID	Typical
149	C149	C207	C205			RIGID	None	None	RIGID	Typical
150	MP4C	C209	C210			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
151	C151	C214	C212			RIGID	None	None	RIGID	Typical
152	C152	C213	C211			RIGID	None	None	RIGID	Typical
153	MP5C	C215	C216			Pipe Mount (P2 STD)	None	None	A53 Gr.B	Typical
154	M156	N221	N222			Mod Tieback (P2 STD)	None	None	A53 Gr.B	Typical
155	M155	N219	N220			Mod Tieback (P2 STD)	None	None	A53 Gr.B	Typical
156	M156A	N225	N223			Mod Tieback (P2 STD)	None	None	A53 Gr.B	Typical
157	M157	N226	N221A			Mod Tieback (P2 STD)	None	None	A53 Gr.B	Typical
158	M158	N228	N224			Mod Tieback (P2 STD)	None	None	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
159	M159	N227	N222A			Mod Tieback (P2 STD)	None	None	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ratio Opti...	Analysis Offs...	Inactive	Seismi...
1	A1		OOOOOO				Yes	** NA **			None
2	A2	OOOOOX					Yes	** NA **			None
3	A3		OOOOOO				Yes	** NA **			None
4	A4	OOOOOX					Yes	** NA **			None
5	A5				1.188		Yes	** NA **			None
6	A6				1.188		Yes	** NA **			None
7	A7				1.188		Yes	** NA **			None
8	A8				1.188		Yes	** NA **			None
9	A9				1.188		Yes	** NA **			None
10	A10				1.188		Yes	** NA **			None
11	A11				1.188		Yes	** NA **			None
12	A12				1.188		Yes	** NA **			None
13	A13				1.188		Yes	** NA **			None
14	A14				1.188		Yes	** NA **			None
15	A15				1.188		Yes	** NA **			None
16	A16				1.188		Yes	** NA **			None
17	A17	BenPIN	BenPIN				Yes	** NA **			None
18	A18	BenPIN	BenPIN				Yes	** NA **			None
19	A19	BenPIN	BenPIN				Yes	** NA **			None
20	A20	BenPIN	BenPIN				Yes	** NA **			None
21	A21						Yes	** NA **			None
22	A22						Yes	** NA **			None
23	A23						Yes	** NA **			None
24	A24						Yes	** NA **			None
25	A25						Yes	** NA **			None
26	A26						Yes	** NA **			None
27	A27	BenPIN					Yes	** NA **			None
28	A28		BenPIN				Yes	** NA **			None
29	A29						Yes	** NA **			None
30	A30						Yes	** NA **			None
31	A31	BenPIN					Yes	** NA **			None
32	A32		BenPIN				Yes	** NA **			None
33	A33	BenPIN	BenPIN				Yes	** NA **			None
34	A34	BenPIN	BenPIN				Yes	** NA **			None
35	A35	BenPIN	BenPIN				Yes	** NA **			None
36	A36	BenPIN	BenPIN				Yes	** NA **			None
37	A37						Yes	** NA **			None
38	A38						Yes	** NA **			None
39	MP1A						Yes	** NA **			None
40	A40						Yes	** NA **			None
41	A41						Yes	** NA **			None
42	MP2A						Yes	** NA **			None
43	A43						Yes	** NA **			None
44	A44						Yes	** NA **			None
45	MP3A						Yes	** NA **			None
46	A46						Yes	** NA **			None
47	A47						Yes	** NA **			None
48	MP4A						Yes	** NA **			None
49	A49						Yes	** NA **			None
50	A50						Yes	** NA **			None
51	MP5A						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ratio Opti...	Analysis Offs...	Inactive	Seismi...
52	B52		OOOOOO				Yes	** NA **			None
53	B53	OOOOOX					Yes	** NA **			None
54	B54		OOOOOO				Yes	** NA **			None
55	B55	OOOOOX					Yes	** NA **			None
56	B56				1.188		Yes	** NA **			None
57	B57				1.188		Yes	** NA **			None
58	B58				1.188		Yes	** NA **			None
59	B59				1.188		Yes	** NA **			None
60	B60				1.188		Yes	** NA **			None
61	B61				1.188		Yes	** NA **			None
62	B62				1.188		Yes	** NA **			None
63	B63				1.188		Yes	** NA **			None
64	B64				1.188		Yes	** NA **			None
65	B65				1.188		Yes	** NA **			None
66	B66				1.188		Yes	** NA **			None
67	B67				1.188		Yes	** NA **			None
68	B68	BenPIN	BenPIN				Yes	** NA **			None
69	B69	BenPIN	BenPIN				Yes	** NA **			None
70	B70	BenPIN	BenPIN				Yes	** NA **			None
71	B71	BenPIN	BenPIN				Yes	** NA **			None
72	B72						Yes	** NA **			None
73	B73						Yes	** NA **			None
74	B74						Yes	** NA **			None
75	B75						Yes	** NA **			None
76	B76						Yes	** NA **			None
77	B77						Yes	** NA **			None
78	B78	BenPIN					Yes	** NA **			None
79	B79		BenPIN				Yes	** NA **			None
80	B80						Yes	** NA **			None
81	B81						Yes	** NA **			None
82	B82	BenPIN					Yes	** NA **			None
83	B83		BenPIN				Yes	** NA **			None
84	B84	BenPIN	BenPIN				Yes	** NA **			None
85	B85	BenPIN	BenPIN				Yes	** NA **			None
86	B86	BenPIN	BenPIN				Yes	** NA **			None
87	B87	BenPIN	BenPIN				Yes	** NA **			None
88	B88						Yes	** NA **			None
89	B89						Yes	** NA **			None
90	MP1B						Yes	** NA **			None
91	B91						Yes	** NA **			None
92	B92						Yes	** NA **			None
93	MP2B						Yes	** NA **			None
94	B94						Yes	** NA **			None
95	B95						Yes	** NA **			None
96	MP3B						Yes	** NA **			None
97	B97						Yes	** NA **			None
98	B98						Yes	** NA **			None
99	MP4B						Yes	** NA **			None
100	B100						Yes	** NA **			None
101	B101						Yes	** NA **			None
102	MP5B						Yes	** NA **			None
103	C103		OOOOOO				Yes	** NA **			None
104	C104	OOOOOX					Yes	** NA **			None
105	C105		OOOOOO				Yes	** NA **			None
106	C106	OOOOOX					Yes	** NA **			None
107	C107				1.188		Yes	** NA **			None
108	C108				1.188		Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ratio Opti...	Analysis Offs...	Inactive	Seismi...
109	C109				1.188		Yes	** NA **			None
110	C110				1.188		Yes	** NA **			None
111	C111				1.188		Yes	** NA **			None
112	C112				1.188		Yes	** NA **			None
113	C113				1.188		Yes	** NA **			None
114	C114				1.188		Yes	** NA **			None
115	C115				1.188		Yes	** NA **			None
116	C116				1.188		Yes	** NA **			None
117	C117				1.188		Yes	** NA **			None
118	C118				1.188		Yes	** NA **			None
119	C119	BenPIN	BenPIN				Yes	** NA **			None
120	C120	BenPIN	BenPIN				Yes	** NA **			None
121	C121	BenPIN	BenPIN				Yes	** NA **			None
122	C122	BenPIN	BenPIN				Yes	** NA **			None
123	C123						Yes	** NA **			None
124	C124						Yes	** NA **			None
125	C125						Yes	** NA **			None
126	C126						Yes	** NA **			None
127	C127						Yes	** NA **			None
128	C128						Yes	** NA **			None
129	C129	BenPIN					Yes	** NA **			None
130	C130		BenPIN				Yes	** NA **			None
131	C131						Yes	** NA **			None
132	C132						Yes	** NA **			None
133	C133	BenPIN					Yes	** NA **			None
134	C134		BenPIN				Yes	** NA **			None
135	C135	BenPIN	BenPIN				Yes	** NA **			None
136	C136	BenPIN	BenPIN				Yes	** NA **			None
137	C137	BenPIN	BenPIN				Yes	** NA **			None
138	C138	BenPIN	BenPIN				Yes	** NA **			None
139	C139						Yes	** NA **			None
140	C140						Yes	** NA **			None
141	MP1C						Yes	** NA **			None
142	C142						Yes	** NA **			None
143	C143						Yes	** NA **			None
144	MP2C						Yes	** NA **			None
145	C145						Yes	** NA **			None
146	C146						Yes	** NA **			None
147	MP3C						Yes	** NA **			None
148	C148						Yes	** NA **			None
149	C149						Yes	** NA **			None
150	MP4C						Yes	** NA **			None
151	C151						Yes	** NA **			None
152	C152						Yes	** NA **			None
153	MP5C						Yes	** NA **			None
154	M156	BenPIN					Yes	** NA **			None
155	M155	BenPIN					Yes	** NA **			None
156	M156A	BenPIN					Yes	** NA **			None
157	M157	BenPIN					Yes	** NA **			None
158	M158	BenPIN					Yes	** NA **			None
159	M159	BenPIN					Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-21.85	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	My	-.022	.88
3	MP2A	Mz	-.013	.88
4	MP2A	Y	-21.85	5.54
5	MP2A	My	-.022	5.54
6	MP2A	Mz	-.013	5.54
7	MP2B	Y	-21.85	.88
8	MP2B	My	.024	.88
9	MP2B	Mz	-.009	.88
10	MP2B	Y	-21.85	5.54
11	MP2B	My	.024	5.54
12	MP2B	Mz	-.009	5.54
13	MP2C	Y	-21.85	.88
14	MP2C	My	-.005	.88
15	MP2C	Mz	.025	.88
16	MP2C	Y	-21.85	5.54
17	MP2C	My	-.005	5.54
18	MP2C	Mz	.025	5.54
19	MP2A	Y	-21.85	.88
20	MP2A	My	-.022	.88
21	MP2A	Mz	.013	.88
22	MP2A	Y	-21.85	5.54
23	MP2A	My	-.022	5.54
24	MP2A	Mz	.013	5.54
25	MP2B	Y	-21.85	.88
26	MP2B	My	.004	.88
27	MP2B	Mz	-.025	.88
28	MP2B	Y	-21.85	5.54
29	MP2B	My	.004	5.54
30	MP2B	Mz	-.025	5.54
31	MP2C	Y	-21.85	.88
32	MP2C	My	.019	.88
33	MP2C	Mz	.016	.88
34	MP2C	Y	-21.85	5.54
35	MP2C	My	.019	5.54
36	MP2C	Mz	.016	5.54
37	MP4A	Y	-43.55	.75
38	MP4A	My	-.044	.75
39	MP4A	Mz	0	.75
40	MP4A	Y	-43.55	2.67
41	MP4A	My	-.044	2.67
42	MP4A	Mz	0	2.67
43	MP4B	Y	-43.55	.75
44	MP4B	My	.028	.75
45	MP4B	Mz	-.033	.75
46	MP4B	Y	-43.55	2.67
47	MP4B	My	.028	2.67
48	MP4B	Mz	-.033	2.67
49	MP4C	Y	-43.55	.75
50	MP4C	My	.015	.75
51	MP4C	Mz	.041	.75
52	MP4C	Y	-43.55	2.67
53	MP4C	My	.015	2.67
54	MP4C	Mz	.041	2.67
55	MP1A	Y	-42.2	3.2
56	MP1A	My	.042	3.2
57	MP1A	Mz	0	3.2
58	MP1A	Y	-42.2	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP1A	My	.042	3.2
60	MP1A	Mz	0	3.2
61	MP1B	Y	-42.2	3.2
62	MP1B	My	-.027	3.2
63	MP1B	Mz	.032	3.2
64	MP1B	Y	-42.2	3.2
65	MP1B	My	-.027	3.2
66	MP1B	Mz	.032	3.2
67	MP1C	Y	-42.2	3.2
68	MP1C	My	-.014	3.2
69	MP1C	Mz	-.04	3.2
70	MP1C	Y	-42.2	3.2
71	MP1C	My	-.014	3.2
72	MP1C	Mz	-.04	3.2
73	MP3A	Y	-35.15	3.8
74	MP3A	My	.035	3.8
75	MP3A	Mz	0	3.8
76	MP3A	Y	-35.15	3.8
77	MP3A	My	.035	3.8
78	MP3A	Mz	0	3.8
79	MP3B	Y	-35.15	3.8
80	MP3B	My	-.023	3.8
81	MP3B	Mz	.027	3.8
82	MP3B	Y	-35.15	3.8
83	MP3B	My	-.023	3.8
84	MP3B	Mz	.027	3.8
85	MP3C	Y	-35.15	3.8
86	MP3C	My	-.012	3.8
87	MP3C	Mz	-.033	3.8
88	MP3C	Y	-35.15	3.8
89	MP3C	My	-.012	3.8
90	MP3C	Mz	-.033	3.8
91	A26	Y	-16	1.75
92	A26	My	0	1.75
93	A26	Mz	0	1.75
94	A26	Y	-16	1.75
95	A26	My	0	1.75
96	A26	Mz	0	1.75
97	MP1B	Y	-10	.23
98	MP1B	My	.009	.23
99	MP1B	Mz	-.01	.23
100	MP1B	Y	-10	3.18
101	MP1B	My	.009	3.18
102	MP1B	Mz	-.01	3.18
103	MP1C	Y	-10	.23
104	MP1C	My	.005	.23
105	MP1C	Mz	.013	.23
106	MP1C	Y	-10	3.18
107	MP1C	My	.005	3.18
108	MP1C	Mz	.013	3.18
109	MP5B	Y	-10	.23
110	MP5B	My	.009	.23
111	MP5B	Mz	-.01	.23
112	MP5B	Y	-10	3.18
113	MP5B	My	.009	3.18
114	MP5B	Mz	-.01	3.18
115	MP5C	Y	-10	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP5C	My	.005	.23
117	MP5C	Mz	.013	.23
118	MP5C	Y	-10	3.18
119	MP5C	My	.005	3.18
120	MP5C	Mz	.013	3.18
121	MP1A	Y	-7.85	.23
122	MP1A	My	-.01	.23
123	MP1A	Mz	0	.23
124	MP1A	Y	-7.85	3.18
125	MP1A	My	-.01	3.18
126	MP1A	Mz	0	3.18
127	MP5A	Y	-7.85	.23
128	MP5A	My	-.01	.23
129	MP5A	Mz	0	.23
130	MP5A	Y	-7.85	3.18
131	MP5A	My	-.01	3.18
132	MP5A	Mz	0	3.18

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-97.272	.88
2	MP2A	My	-.097	.88
3	MP2A	Mz	-.057	.88
4	MP2A	Y	-97.272	5.54
5	MP2A	My	-.097	5.54
6	MP2A	Mz	-.057	5.54
7	MP2B	Y	-97.272	.88
8	MP2B	My	.106	.88
9	MP2B	Mz	-.038	.88
10	MP2B	Y	-97.272	5.54
11	MP2B	My	.106	5.54
12	MP2B	Mz	-.038	5.54
13	MP2C	Y	-97.272	.88
14	MP2C	My	-.02	.88
15	MP2C	Mz	.111	.88
16	MP2C	Y	-97.272	5.54
17	MP2C	My	-.02	5.54
18	MP2C	Mz	.111	5.54
19	MP2A	Y	-97.272	.88
20	MP2A	My	-.097	.88
21	MP2A	Mz	.057	.88
22	MP2A	Y	-97.272	5.54
23	MP2A	My	-.097	5.54
24	MP2A	Mz	.057	5.54
25	MP2B	Y	-97.272	.88
26	MP2B	My	.019	.88
27	MP2B	Mz	-.111	.88
28	MP2B	Y	-97.272	5.54
29	MP2B	My	.019	5.54
30	MP2B	Mz	-.111	5.54
31	MP2C	Y	-97.272	.88
32	MP2C	My	.087	.88
33	MP2C	Mz	.072	.88
34	MP2C	Y	-97.272	5.54
35	MP2C	My	.087	5.54
36	MP2C	Mz	.072	5.54

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP4A	Y	-57.429	.75
38	MP4A	My	-.057	.75
39	MP4A	Mz	0	.75
40	MP4A	Y	-57.429	2.67
41	MP4A	My	-.057	2.67
42	MP4A	Mz	0	2.67
43	MP4B	Y	-57.429	.75
44	MP4B	My	.037	.75
45	MP4B	Mz	-.044	.75
46	MP4B	Y	-57.429	2.67
47	MP4B	My	.037	2.67
48	MP4B	Mz	-.044	2.67
49	MP4C	Y	-57.429	.75
50	MP4C	My	.02	.75
51	MP4C	Mz	.054	.75
52	MP4C	Y	-57.429	2.67
53	MP4C	My	.02	2.67
54	MP4C	Mz	.054	2.67
55	MP1A	Y	-36.508	3.2
56	MP1A	My	.037	3.2
57	MP1A	Mz	0	3.2
58	MP1A	Y	-36.508	3.2
59	MP1A	My	.037	3.2
60	MP1A	Mz	0	3.2
61	MP1B	Y	-36.508	3.2
62	MP1B	My	-.023	3.2
63	MP1B	Mz	.028	3.2
64	MP1B	Y	-36.508	3.2
65	MP1B	My	-.023	3.2
66	MP1B	Mz	.028	3.2
67	MP1C	Y	-36.508	3.2
68	MP1C	My	-.012	3.2
69	MP1C	Mz	-.034	3.2
70	MP1C	Y	-36.508	3.2
71	MP1C	My	-.012	3.2
72	MP1C	Mz	-.034	3.2
73	MP3A	Y	-32.967	3.8
74	MP3A	My	.033	3.8
75	MP3A	Mz	0	3.8
76	MP3A	Y	-32.967	3.8
77	MP3A	My	.033	3.8
78	MP3A	Mz	0	3.8
79	MP3B	Y	-32.967	3.8
80	MP3B	My	-.021	3.8
81	MP3B	Mz	.025	3.8
82	MP3B	Y	-32.967	3.8
83	MP3B	My	-.021	3.8
84	MP3B	Mz	.025	3.8
85	MP3C	Y	-32.967	3.8
86	MP3C	My	-.011	3.8
87	MP3C	Mz	-.031	3.8
88	MP3C	Y	-32.967	3.8
89	MP3C	My	-.011	3.8
90	MP3C	Mz	-.031	3.8
91	A26	Y	-70.222	1.75
92	A26	My	0	1.75
93	A26	Mz	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	A26	Y	-70.222	1.75
95	A26	My	0	1.75
96	A26	Mz	0	1.75
97	MP1B	Y	-100.252	.23
98	MP1B	My	.086	.23
99	MP1B	Mz	-.102	.23
100	MP1B	Y	-100.252	3.18
101	MP1B	My	.086	3.18
102	MP1B	Mz	-.102	3.18
103	MP1C	Y	-100.252	.23
104	MP1C	My	.046	.23
105	MP1C	Mz	.126	.23
106	MP1C	Y	-100.252	3.18
107	MP1C	My	.046	3.18
108	MP1C	Mz	.126	3.18
109	MP5B	Y	-100.252	.23
110	MP5B	My	.086	.23
111	MP5B	Mz	-.102	.23
112	MP5B	Y	-100.252	3.18
113	MP5B	My	.086	3.18
114	MP5B	Mz	-.102	3.18
115	MP5C	Y	-100.252	.23
116	MP5C	My	.046	.23
117	MP5C	Mz	.126	.23
118	MP5C	Y	-100.252	3.18
119	MP5C	My	.046	3.18
120	MP5C	Mz	.126	3.18
121	MP1A	Y	-61.749	.23
122	MP1A	My	-.082	.23
123	MP1A	Mz	0	.23
124	MP1A	Y	-61.749	3.18
125	MP1A	My	-.082	3.18
126	MP1A	Mz	0	3.18
127	MP5A	Y	-61.749	.23
128	MP5A	My	-.082	.23
129	MP5A	Mz	0	.23
130	MP5A	Y	-61.749	3.18
131	MP5A	My	-.082	3.18
132	MP5A	Mz	0	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.88
2	MP2A	Z	-166.496	.88
3	MP2A	Mx	.097	.88
4	MP2A	X	0	5.54
5	MP2A	Z	-166.496	5.54
6	MP2A	Mx	.097	5.54
7	MP2B	X	0	.88
8	MP2B	Z	-133.384	.88
9	MP2B	Mx	.052	.88
10	MP2B	X	0	5.54
11	MP2B	Z	-133.384	5.54
12	MP2B	Mx	.052	5.54
13	MP2C	X	0	.88
14	MP2C	Z	-116.671	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2C	Mx	-.133	.88
16	MP2C	X	0	5.54
17	MP2C	Z	-116.671	5.54
18	MP2C	Mx	-.133	5.54
19	MP2A	X	0	.88
20	MP2A	Z	-166.496	.88
21	MP2A	Mx	-.097	.88
22	MP2A	X	0	5.54
23	MP2A	Z	-166.496	5.54
24	MP2A	Mx	-.097	5.54
25	MP2B	X	0	.88
26	MP2B	Z	-133.384	.88
27	MP2B	Mx	.152	.88
28	MP2B	X	0	5.54
29	MP2B	Z	-133.384	5.54
30	MP2B	Mx	.152	5.54
31	MP2C	X	0	.88
32	MP2C	Z	-116.671	.88
33	MP2C	Mx	-.086	.88
34	MP2C	X	0	5.54
35	MP2C	Z	-116.671	5.54
36	MP2C	Mx	-.086	5.54
37	MP4A	X	0	.75
38	MP4A	Z	-96.848	.75
39	MP4A	Mx	0	.75
40	MP4A	X	0	2.67
41	MP4A	Z	-96.848	2.67
42	MP4A	Mx	0	2.67
43	MP4B	X	0	.75
44	MP4B	Z	-62.265	.75
45	MP4B	Mx	.048	.75
46	MP4B	X	0	2.67
47	MP4B	Z	-62.265	2.67
48	MP4B	Mx	.048	2.67
49	MP4C	X	0	.75
50	MP4C	Z	-44.81	.75
51	MP4C	Mx	-.042	.75
52	MP4C	X	0	2.67
53	MP4C	Z	-44.81	2.67
54	MP4C	Mx	-.042	2.67
55	MP1A	X	0	3.2
56	MP1A	Z	-38.533	3.2
57	MP1A	Mx	0	3.2
58	MP1A	X	0	3.2
59	MP1A	Z	-38.533	3.2
60	MP1A	Mx	0	3.2
61	MP1B	X	0	3.2
62	MP1B	Z	-31.036	3.2
63	MP1B	Mx	-.024	3.2
64	MP1B	X	0	3.2
65	MP1B	Z	-31.036	3.2
66	MP1B	Mx	-.024	3.2
67	MP1C	X	0	3.2
68	MP1C	Z	-27.252	3.2
69	MP1C	Mx	.026	3.2
70	MP1C	X	0	3.2
71	MP1C	Z	-27.252	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP1C	Mx	.026	3.2
73	MP3A	X	0	3.8
74	MP3A	Z	-38.533	3.8
75	MP3A	Mx	0	3.8
76	MP3A	X	0	3.8
77	MP3A	Z	-38.533	3.8
78	MP3A	Mx	0	3.8
79	MP3B	X	0	3.8
80	MP3B	Z	-28.164	3.8
81	MP3B	Mx	-.022	3.8
82	MP3B	X	0	3.8
83	MP3B	Z	-28.164	3.8
84	MP3B	Mx	-.022	3.8
85	MP3C	X	0	3.8
86	MP3C	Z	-22.93	3.8
87	MP3C	Mx	.022	3.8
88	MP3C	X	0	3.8
89	MP3C	Z	-22.93	3.8
90	MP3C	Mx	.022	3.8
91	A26	X	0	1.75
92	A26	Z	-83.66	1.75
93	A26	Mx	0	1.75
94	A26	X	0	1.75
95	A26	Z	-83.66	1.75
96	A26	Mx	0	1.75
97	MP1B	X	0	.23
98	MP1B	Z	-117.956	.23
99	MP1B	Mx	.12	.23
100	MP1B	X	0	3.18
101	MP1B	Z	-117.956	3.18
102	MP1B	Mx	.12	3.18
103	MP1C	X	0	.23
104	MP1C	Z	-113.529	.23
105	MP1C	Mx	-.142	.23
106	MP1C	X	0	3.18
107	MP1C	Z	-113.529	3.18
108	MP1C	Mx	-.142	3.18
109	MP5B	X	0	.23
110	MP5B	Z	-117.956	.23
111	MP5B	Mx	.12	.23
112	MP5B	X	0	3.18
113	MP5B	Z	-117.956	3.18
114	MP5B	Mx	.12	3.18
115	MP5C	X	0	.23
116	MP5C	Z	-113.529	.23
117	MP5C	Mx	-.142	.23
118	MP5C	X	0	3.18
119	MP5C	Z	-113.529	3.18
120	MP5C	Mx	-.142	3.18
121	MP1A	X	0	.23
122	MP1A	Z	-83.454	.23
123	MP1A	Mx	0	.23
124	MP1A	X	0	3.18
125	MP1A	Z	-83.454	3.18
126	MP1A	Mx	0	3.18
127	MP5A	X	0	.23
128	MP5A	Z	-83.454	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
129	MP5A	Mx	0	.23
130	MP5A	X	0	3.18
131	MP5A	Z	-83.454	3.18
132	MP5A	Mx	0	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	76.195	.88
2	MP2A	Z	-131.973	.88
3	MP2A	Mx	.000789	.88
4	MP2A	X	76.195	5.54
5	MP2A	Z	-131.973	5.54
6	MP2A	Mx	.000789	5.54
7	MP2B	X	55.886	.88
8	MP2B	Z	-96.797	.88
9	MP2B	Mx	.099	.88
10	MP2B	X	55.886	5.54
11	MP2B	Z	-96.797	5.54
12	MP2B	Mx	.099	5.54
13	MP2C	X	71.591	.88
14	MP2C	Z	-124	.88
15	MP2C	Mx	-.156	.88
16	MP2C	X	71.591	5.54
17	MP2C	Z	-124	5.54
18	MP2C	Mx	-.156	5.54
19	MP2A	X	76.195	.88
20	MP2A	Z	-131.973	.88
21	MP2A	Mx	-.153	.88
22	MP2A	X	76.195	5.54
23	MP2A	Z	-131.973	5.54
24	MP2A	Mx	-.153	5.54
25	MP2B	X	55.886	.88
26	MP2B	Z	-96.797	.88
27	MP2B	Mx	.121	.88
28	MP2B	X	55.886	5.54
29	MP2B	Z	-96.797	5.54
30	MP2B	Mx	.121	5.54
31	MP2C	X	71.591	.88
32	MP2C	Z	-124	.88
33	MP2C	Mx	-.028	.88
34	MP2C	X	71.591	5.54
35	MP2C	Z	-124	5.54
36	MP2C	Mx	-.028	5.54
37	MP4A	X	41.057	.75
38	MP4A	Z	-71.114	.75
39	MP4A	Mx	-.041	.75
40	MP4A	X	41.057	2.67
41	MP4A	Z	-71.114	2.67
42	MP4A	Mx	-.041	2.67
43	MP4B	X	19.846	.75
44	MP4B	Z	-34.375	.75
45	MP4B	Mx	.039	.75
46	MP4B	X	19.846	2.67
47	MP4B	Z	-34.375	2.67
48	MP4B	Mx	.039	2.67
49	MP4C	X	36.249	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP4C	Z	-62.786	.75
51	MP4C	Mx	-.047	.75
52	MP4C	X	36.249	2.67
53	MP4C	Z	-62.786	2.67
54	MP4C	Mx	-.047	2.67
55	MP1A	X	17.67	3.2
56	MP1A	Z	-30.605	3.2
57	MP1A	Mx	.018	3.2
58	MP1A	X	17.67	3.2
59	MP1A	Z	-30.605	3.2
60	MP1A	Mx	.018	3.2
61	MP1B	X	13.071	3.2
62	MP1B	Z	-22.64	3.2
63	MP1B	Mx	-.026	3.2
64	MP1B	X	13.071	3.2
65	MP1B	Z	-22.64	3.2
66	MP1B	Mx	-.026	3.2
67	MP1C	X	16.627	3.2
68	MP1C	Z	-28.799	3.2
69	MP1C	Mx	.021	3.2
70	MP1C	X	16.627	3.2
71	MP1C	Z	-28.799	3.2
72	MP1C	Mx	.021	3.2
73	MP3A	X	17.058	3.8
74	MP3A	Z	-29.545	3.8
75	MP3A	Mx	.017	3.8
76	MP3A	X	17.058	3.8
77	MP3A	Z	-29.545	3.8
78	MP3A	Mx	.017	3.8
79	MP3B	X	10.698	3.8
80	MP3B	Z	-18.53	3.8
81	MP3B	Mx	-.021	3.8
82	MP3B	X	10.698	3.8
83	MP3B	Z	-18.53	3.8
84	MP3B	Mx	-.021	3.8
85	MP3C	X	15.616	3.8
86	MP3C	Z	-27.048	3.8
87	MP3C	Mx	.02	3.8
88	MP3C	X	15.616	3.8
89	MP3C	Z	-27.048	3.8
90	MP3C	Mx	.02	3.8
91	A26	X	39.351	1.75
92	A26	Z	-68.158	1.75
93	A26	Mx	0	1.75
94	A26	X	39.351	1.75
95	A26	Z	-68.158	1.75
96	A26	Mx	0	1.75
97	MP1B	X	56.116	.23
98	MP1B	Z	-97.195	.23
99	MP1B	Mx	.147	.23
100	MP1B	X	56.116	3.18
101	MP1B	Z	-97.195	3.18
102	MP1B	Mx	.147	3.18
103	MP1C	X	60.276	.23
104	MP1C	Z	-104.4	.23
105	MP1C	Mx	-.103	.23
106	MP1C	X	60.276	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
107	MP1C	Z	-104.4	3.18
108	MP1C	Mx	-.103	3.18
109	MP5B	X	56.116	.23
110	MP5B	Z	-97.195	.23
111	MP5B	Mx	.147	.23
112	MP5B	X	56.116	3.18
113	MP5B	Z	-97.195	3.18
114	MP5B	Mx	.147	3.18
115	MP5C	X	60.276	.23
116	MP5C	Z	-104.4	.23
117	MP5C	Mx	-.103	.23
118	MP5C	X	60.276	3.18
119	MP5C	Z	-104.4	3.18
120	MP5C	Mx	-.103	3.18
121	MP1A	X	40.606	.23
122	MP1A	Z	-70.332	.23
123	MP1A	Mx	-.054	.23
124	MP1A	X	40.606	3.18
125	MP1A	Z	-70.332	3.18
126	MP1A	Mx	-.054	3.18
127	MP5A	X	40.606	.23
128	MP5A	Z	-70.332	.23
129	MP5A	Mx	-.054	.23
130	MP5A	X	40.606	3.18
131	MP5A	Z	-70.332	3.18
132	MP5A	Mx	-.054	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	107.54	.88
2	MP2A	Z	-62.088	.88
3	MP2A	Mx	-.071	.88
4	MP2A	X	107.54	5.54
5	MP2A	Z	-62.088	5.54
6	MP2A	Mx	-.071	5.54
7	MP2B	X	101.04	.88
8	MP2B	Z	-58.335	.88
9	MP2B	Mx	.133	.88
10	MP2B	X	101.04	5.54
11	MP2B	Z	-58.335	5.54
12	MP2B	Mx	.133	5.54
13	MP2C	X	142.716	.88
14	MP2C	Z	-82.397	.88
15	MP2C	Mx	-.123	.88
16	MP2C	X	142.716	5.54
17	MP2C	Z	-82.397	5.54
18	MP2C	Mx	-.123	5.54
19	MP2A	X	107.54	.88
20	MP2A	Z	-62.088	.88
21	MP2A	Mx	-.144	.88
22	MP2A	X	107.54	5.54
23	MP2A	Z	-62.088	5.54
24	MP2A	Mx	-.144	5.54
25	MP2B	X	101.04	.88
26	MP2B	Z	-58.335	.88
27	MP2B	Mx	.086	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	101.04	5.54
29	MP2B	Z	-58.335	5.54
30	MP2B	Mx	.086	5.54
31	MP2C	X	142.716	.88
32	MP2C	Z	-82.397	.88
33	MP2C	Mx	.066	.88
34	MP2C	X	142.716	5.54
35	MP2C	Z	-82.397	5.54
36	MP2C	Mx	.066	5.54
37	MP4A	X	45.595	.75
38	MP4A	Z	-26.324	.75
39	MP4A	Mx	-.046	.75
40	MP4A	X	45.595	2.67
41	MP4A	Z	-26.324	2.67
42	MP4A	Mx	-.046	2.67
43	MP4B	X	38.806	.75
44	MP4B	Z	-22.405	.75
45	MP4B	Mx	.042	.75
46	MP4B	X	38.806	2.67
47	MP4B	Z	-22.405	2.67
48	MP4B	Mx	.042	2.67
49	MP4C	X	82.334	.75
50	MP4C	Z	-47.536	.75
51	MP4C	Mx	-.017	.75
52	MP4C	X	82.334	2.67
53	MP4C	Z	-47.536	2.67
54	MP4C	Mx	-.017	2.67
55	MP1A	X	25.073	3.2
56	MP1A	Z	-14.476	3.2
57	MP1A	Mx	.025	3.2
58	MP1A	X	25.073	3.2
59	MP1A	Z	-14.476	3.2
60	MP1A	Mx	.025	3.2
61	MP1B	X	23.601	3.2
62	MP1B	Z	-13.626	3.2
63	MP1B	Mx	-.026	3.2
64	MP1B	X	23.601	3.2
65	MP1B	Z	-13.626	3.2
66	MP1B	Mx	-.026	3.2
67	MP1C	X	33.037	3.2
68	MP1C	Z	-19.074	3.2
69	MP1C	Mx	.007	3.2
70	MP1C	X	33.037	3.2
71	MP1C	Z	-19.074	3.2
72	MP1C	Mx	.007	3.2
73	MP3A	X	21.894	3.8
74	MP3A	Z	-12.64	3.8
75	MP3A	Mx	.022	3.8
76	MP3A	X	21.894	3.8
77	MP3A	Z	-12.64	3.8
78	MP3A	Mx	.022	3.8
79	MP3B	X	19.858	3.8
80	MP3B	Z	-11.465	3.8
81	MP3B	Mx	-.022	3.8
82	MP3B	X	19.858	3.8
83	MP3B	Z	-11.465	3.8
84	MP3B	Mx	-.022	3.8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3C	X	32.909	3.8
86	MP3C	Z	-19	3.8
87	MP3C	Mx	.007	3.8
88	MP3C	X	32.909	3.8
89	MP3C	Z	-19	3.8
90	MP3C	Mx	.007	3.8
91	A26	X	59.57	1.75
92	A26	Z	-34.393	1.75
93	A26	Mx	0	1.75
94	A26	X	59.57	1.75
95	A26	Z	-34.393	1.75
96	A26	Mx	0	1.75
97	MP1B	X	98.319	.23
98	MP1B	Z	-56.764	.23
99	MP1B	Mx	.142	.23
100	MP1B	X	98.319	3.18
101	MP1B	Z	-56.764	3.18
102	MP1B	Mx	.142	3.18
103	MP1C	X	109.358	.23
104	MP1C	Z	-63.138	.23
105	MP1C	Mx	-.029	.23
106	MP1C	X	109.358	3.18
107	MP1C	Z	-63.138	3.18
108	MP1C	Mx	-.029	3.18
109	MP5B	X	98.319	.23
110	MP5B	Z	-56.764	.23
111	MP5B	Mx	.142	.23
112	MP5B	X	98.319	3.18
113	MP5B	Z	-56.764	3.18
114	MP5B	Mx	.142	3.18
115	MP5C	X	109.358	.23
116	MP5C	Z	-63.138	.23
117	MP5C	Mx	-.029	.23
118	MP5C	X	109.358	3.18
119	MP5C	Z	-63.138	3.18
120	MP5C	Mx	-.029	3.18
121	MP1A	X	66.449	.23
122	MP1A	Z	-38.364	.23
123	MP1A	Mx	-.089	.23
124	MP1A	X	66.449	3.18
125	MP1A	Z	-38.364	3.18
126	MP1A	Mx	-.089	3.18
127	MP5A	X	66.449	.23
128	MP5A	Z	-38.364	.23
129	MP5A	Mx	-.089	.23
130	MP5A	X	66.449	3.18
131	MP5A	Z	-38.364	3.18
132	MP5A	Mx	-.089	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	110.07	.88
2	MP2A	Z	0	.88
3	MP2A	Mx	-.11	.88
4	MP2A	X	110.07	5.54
5	MP2A	Z	0	5.54

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	-.11	5.54
7	MP2B	X	143.182	.88
8	MP2B	Z	0	.88
9	MP2B	Mx	.156	.88
10	MP2B	X	143.182	5.54
11	MP2B	Z	0	5.54
12	MP2B	Mx	.156	5.54
13	MP2C	X	159.896	.88
14	MP2C	Z	0	.88
15	MP2C	Mx	-.033	.88
16	MP2C	X	159.896	5.54
17	MP2C	Z	0	5.54
18	MP2C	Mx	-.033	5.54
19	MP2A	X	110.07	.88
20	MP2A	Z	0	.88
21	MP2A	Mx	-.11	.88
22	MP2A	X	110.07	5.54
23	MP2A	Z	0	5.54
24	MP2A	Mx	-.11	5.54
25	MP2B	X	143.182	.88
26	MP2B	Z	0	.88
27	MP2B	Mx	.028	.88
28	MP2B	X	143.182	5.54
29	MP2B	Z	0	5.54
30	MP2B	Mx	.028	5.54
31	MP2C	X	159.896	.88
32	MP2C	Z	0	.88
33	MP2C	Mx	.142	.88
34	MP2C	X	159.896	5.54
35	MP2C	Z	0	5.54
36	MP2C	Mx	.142	5.54
37	MP4A	X	37.916	.75
38	MP4A	Z	0	.75
39	MP4A	Mx	-.038	.75
40	MP4A	X	37.916	2.67
41	MP4A	Z	0	2.67
42	MP4A	Mx	-.038	2.67
43	MP4B	X	72.499	.75
44	MP4B	Z	0	.75
45	MP4B	Mx	.047	.75
46	MP4B	X	72.499	2.67
47	MP4B	Z	0	2.67
48	MP4B	Mx	.047	2.67
49	MP4C	X	89.954	.75
50	MP4C	Z	0	.75
51	MP4C	Mx	.031	.75
52	MP4C	X	89.954	2.67
53	MP4C	Z	0	2.67
54	MP4C	Mx	.031	2.67
55	MP1A	X	25.757	3.2
56	MP1A	Z	0	3.2
57	MP1A	Mx	.026	3.2
58	MP1A	X	25.757	3.2
59	MP1A	Z	0	3.2
60	MP1A	Mx	.026	3.2
61	MP1B	X	33.255	3.2
62	MP1B	Z	0	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP1B	Mx	-.021	3.2
64	MP1B	X	33.255	3.2
65	MP1B	Z	0	3.2
66	MP1B	Mx	-.021	3.2
67	MP1C	X	37.039	3.2
68	MP1C	Z	0	3.2
69	MP1C	Mx	-.013	3.2
70	MP1C	X	37.039	3.2
71	MP1C	Z	0	3.2
72	MP1C	Mx	-.013	3.2
73	MP3A	X	20.864	3.8
74	MP3A	Z	0	3.8
75	MP3A	Mx	.021	3.8
76	MP3A	X	20.864	3.8
77	MP3A	Z	0	3.8
78	MP3A	Mx	.021	3.8
79	MP3B	X	31.232	3.8
80	MP3B	Z	0	3.8
81	MP3B	Mx	-.02	3.8
82	MP3B	X	31.232	3.8
83	MP3B	Z	0	3.8
84	MP3B	Mx	-.02	3.8
85	MP3C	X	36.466	3.8
86	MP3C	Z	0	3.8
87	MP3C	Mx	-.012	3.8
88	MP3C	X	36.466	3.8
89	MP3C	Z	0	3.8
90	MP3C	Mx	-.012	3.8
91	A26	X	63.827	1.75
92	A26	Z	0	1.75
93	A26	Mx	0	1.75
94	A26	X	63.827	1.75
95	A26	Z	0	1.75
96	A26	Mx	0	1.75
97	MP1B	X	120.551	.23
98	MP1B	Z	0	.23
99	MP1B	Mx	.103	.23
100	MP1B	X	120.551	3.18
101	MP1B	Z	0	3.18
102	MP1B	Mx	.103	3.18
103	MP1C	X	124.978	.23
104	MP1C	Z	0	.23
105	MP1C	Mx	.057	.23
106	MP1C	X	124.978	3.18
107	MP1C	Z	0	3.18
108	MP1C	Mx	.057	3.18
109	MP5B	X	120.551	.23
110	MP5B	Z	0	.23
111	MP5B	Mx	.103	.23
112	MP5B	X	120.551	3.18
113	MP5B	Z	0	3.18
114	MP5B	Mx	.103	3.18
115	MP5C	X	124.978	.23
116	MP5C	Z	0	.23
117	MP5C	Mx	.057	.23
118	MP5C	X	124.978	3.18
119	MP5C	Z	0	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
120	MP5C	Mx	.057	3.18
121	MP1A	X	74.487	.23
122	MP1A	Z	0	.23
123	MP1A	Mx	-.099	.23
124	MP1A	X	74.487	3.18
125	MP1A	Z	0	3.18
126	MP1A	Mx	-.099	3.18
127	MP5A	X	74.487	.23
128	MP5A	Z	0	.23
129	MP5A	Mx	-.099	.23
130	MP5A	X	74.487	3.18
131	MP5A	Z	0	3.18
132	MP5A	Mx	-.099	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	107.54	.88
2	MP2A	Z	62.088	.88
3	MP2A	Mx	-.144	.88
4	MP2A	X	107.54	5.54
5	MP2A	Z	62.088	5.54
6	MP2A	Mx	-.144	5.54
7	MP2B	X	142.716	.88
8	MP2B	Z	82.397	.88
9	MP2B	Mx	.123	.88
10	MP2B	X	142.716	5.54
11	MP2B	Z	82.397	5.54
12	MP2B	Mx	.123	5.54
13	MP2C	X	115.514	.88
14	MP2C	Z	66.692	.88
15	MP2C	Mx	.052	.88
16	MP2C	X	115.514	5.54
17	MP2C	Z	66.692	5.54
18	MP2C	Mx	.052	5.54
19	MP2A	X	107.54	.88
20	MP2A	Z	62.088	.88
21	MP2A	Mx	-.071	.88
22	MP2A	X	107.54	5.54
23	MP2A	Z	62.088	5.54
24	MP2A	Mx	-.071	5.54
25	MP2B	X	142.716	.88
26	MP2B	Z	82.397	.88
27	MP2B	Mx	-.066	.88
28	MP2B	X	142.716	5.54
29	MP2B	Z	82.397	5.54
30	MP2B	Mx	-.066	5.54
31	MP2C	X	115.514	.88
32	MP2C	Z	66.692	.88
33	MP2C	Mx	.152	.88
34	MP2C	X	115.514	5.54
35	MP2C	Z	66.692	5.54
36	MP2C	Mx	.152	5.54
37	MP4A	X	45.595	.75
38	MP4A	Z	26.324	.75
39	MP4A	Mx	-.046	.75
40	MP4A	X	45.595	2.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP4A	Z	26.324	2.67
42	MP4A	Mx	-.046	2.67
43	MP4B	X	82.334	.75
44	MP4B	Z	47.536	.75
45	MP4B	Mx	.017	.75
46	MP4B	X	82.334	2.67
47	MP4B	Z	47.536	2.67
48	MP4B	Mx	.017	2.67
49	MP4C	X	53.923	.75
50	MP4C	Z	31.133	.75
51	MP4C	Mx	.048	.75
52	MP4C	X	53.923	2.67
53	MP4C	Z	31.133	2.67
54	MP4C	Mx	.048	2.67
55	MP1A	X	25.073	3.2
56	MP1A	Z	14.476	3.2
57	MP1A	Mx	.025	3.2
58	MP1A	X	25.073	3.2
59	MP1A	Z	14.476	3.2
60	MP1A	Mx	.025	3.2
61	MP1B	X	33.037	3.2
62	MP1B	Z	19.074	3.2
63	MP1B	Mx	-.007	3.2
64	MP1B	X	33.037	3.2
65	MP1B	Z	19.074	3.2
66	MP1B	Mx	-.007	3.2
67	MP1C	X	26.878	3.2
68	MP1C	Z	15.518	3.2
69	MP1C	Mx	-.024	3.2
70	MP1C	X	26.878	3.2
71	MP1C	Z	15.518	3.2
72	MP1C	Mx	-.024	3.2
73	MP3A	X	21.894	3.8
74	MP3A	Z	12.64	3.8
75	MP3A	Mx	.022	3.8
76	MP3A	X	21.894	3.8
77	MP3A	Z	12.64	3.8
78	MP3A	Mx	.022	3.8
79	MP3B	X	32.909	3.8
80	MP3B	Z	19	3.8
81	MP3B	Mx	-.007	3.8
82	MP3B	X	32.909	3.8
83	MP3B	Z	19	3.8
84	MP3B	Mx	-.007	3.8
85	MP3C	X	24.391	3.8
86	MP3C	Z	14.082	3.8
87	MP3C	Mx	-.022	3.8
88	MP3C	X	24.391	3.8
89	MP3C	Z	14.082	3.8
90	MP3C	Mx	-.022	3.8
91	A26	X	59.57	1.75
92	A26	Z	34.393	1.75
93	A26	Mx	0	1.75
94	A26	X	59.57	1.75
95	A26	Z	34.393	1.75
96	A26	Mx	0	1.75
97	MP1B	X	109.358	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP1B	Z	63.138	.23
99	MP1B	Mx	.029	.23
100	MP1B	X	109.358	3.18
101	MP1B	Z	63.138	3.18
102	MP1B	Mx	.029	3.18
103	MP1C	X	102.153	.23
104	MP1C	Z	58.978	.23
105	MP1C	Mx	.12	.23
106	MP1C	X	102.153	3.18
107	MP1C	Z	58.978	3.18
108	MP1C	Mx	.12	3.18
109	MP5B	X	109.358	.23
110	MP5B	Z	63.138	.23
111	MP5B	Mx	.029	.23
112	MP5B	X	109.358	3.18
113	MP5B	Z	63.138	3.18
114	MP5B	Mx	.029	3.18
115	MP5C	X	102.153	.23
116	MP5C	Z	58.978	.23
117	MP5C	Mx	.12	.23
118	MP5C	X	102.153	3.18
119	MP5C	Z	58.978	3.18
120	MP5C	Mx	.12	3.18
121	MP1A	X	66.449	.23
122	MP1A	Z	38.364	.23
123	MP1A	Mx	-.089	.23
124	MP1A	X	66.449	3.18
125	MP1A	Z	38.364	3.18
126	MP1A	Mx	-.089	3.18
127	MP5A	X	66.449	.23
128	MP5A	Z	38.364	.23
129	MP5A	Mx	-.089	.23
130	MP5A	X	66.449	3.18
131	MP5A	Z	38.364	3.18
132	MP5A	Mx	-.089	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	76.195	.88
2	MP2A	Z	131.973	.88
3	MP2A	Mx	-.153	.88
4	MP2A	X	76.195	5.54
5	MP2A	Z	131.973	5.54
6	MP2A	Mx	-.153	5.54
7	MP2B	X	79.948	.88
8	MP2B	Z	138.474	.88
9	MP2B	Mx	.033	.88
10	MP2B	X	79.948	5.54
11	MP2B	Z	138.474	5.54
12	MP2B	Mx	.033	5.54
13	MP2C	X	55.886	.88
14	MP2C	Z	96.797	.88
15	MP2C	Mx	.099	.88
16	MP2C	X	55.886	5.54
17	MP2C	Z	96.797	5.54
18	MP2C	Mx	.099	5.54

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP2A	X	76.195	.88
20	MP2A	Z	131.973	.88
21	MP2A	Mx	.000789	.88
22	MP2A	X	76.195	5.54
23	MP2A	Z	131.973	5.54
24	MP2A	Mx	.000789	5.54
25	MP2B	X	79.948	.88
26	MP2B	Z	138.474	.88
27	MP2B	Mx	-.142	.88
28	MP2B	X	79.948	5.54
29	MP2B	Z	138.474	5.54
30	MP2B	Mx	-.142	5.54
31	MP2C	X	55.886	.88
32	MP2C	Z	96.797	.88
33	MP2C	Mx	.121	.88
34	MP2C	X	55.886	5.54
35	MP2C	Z	96.797	5.54
36	MP2C	Mx	.121	5.54
37	MP4A	X	41.057	.75
38	MP4A	Z	71.114	.75
39	MP4A	Mx	-.041	.75
40	MP4A	X	41.057	2.67
41	MP4A	Z	71.114	2.67
42	MP4A	Mx	-.041	2.67
43	MP4B	X	44.977	.75
44	MP4B	Z	77.903	.75
45	MP4B	Mx	-.031	.75
46	MP4B	X	44.977	2.67
47	MP4B	Z	77.903	2.67
48	MP4B	Mx	-.031	2.67
49	MP4C	X	19.846	.75
50	MP4C	Z	34.375	.75
51	MP4C	Mx	.039	.75
52	MP4C	X	19.846	2.67
53	MP4C	Z	34.375	2.67
54	MP4C	Mx	.039	2.67
55	MP1A	X	17.67	3.2
56	MP1A	Z	30.605	3.2
57	MP1A	Mx	.018	3.2
58	MP1A	X	17.67	3.2
59	MP1A	Z	30.605	3.2
60	MP1A	Mx	.018	3.2
61	MP1B	X	18.519	3.2
62	MP1B	Z	32.076	3.2
63	MP1B	Mx	.013	3.2
64	MP1B	X	18.519	3.2
65	MP1B	Z	32.076	3.2
66	MP1B	Mx	.013	3.2
67	MP1C	X	13.071	3.2
68	MP1C	Z	22.64	3.2
69	MP1C	Mx	-.026	3.2
70	MP1C	X	13.071	3.2
71	MP1C	Z	22.64	3.2
72	MP1C	Mx	-.026	3.2
73	MP3A	X	17.058	3.8
74	MP3A	Z	29.545	3.8
75	MP3A	Mx	.017	3.8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP3A	X	17.058	3.8
77	MP3A	Z	29.545	3.8
78	MP3A	Mx	.017	3.8
79	MP3B	X	18.233	3.8
80	MP3B	Z	31.581	3.8
81	MP3B	Mx	.012	3.8
82	MP3B	X	18.233	3.8
83	MP3B	Z	31.581	3.8
84	MP3B	Mx	.012	3.8
85	MP3C	X	10.698	3.8
86	MP3C	Z	18.53	3.8
87	MP3C	Mx	-.021	3.8
88	MP3C	X	10.698	3.8
89	MP3C	Z	18.53	3.8
90	MP3C	Mx	-.021	3.8
91	A26	X	39.351	1.75
92	A26	Z	68.158	1.75
93	A26	Mx	0	1.75
94	A26	X	39.351	1.75
95	A26	Z	68.158	1.75
96	A26	Mx	0	1.75
97	MP1B	X	62.489	.23
98	MP1B	Z	108.234	.23
99	MP1B	Mx	-.057	.23
100	MP1B	X	62.489	3.18
101	MP1B	Z	108.234	3.18
102	MP1B	Mx	-.057	3.18
103	MP1C	X	56.116	.23
104	MP1C	Z	97.195	.23
105	MP1C	Mx	.147	.23
106	MP1C	X	56.116	3.18
107	MP1C	Z	97.195	3.18
108	MP1C	Mx	.147	3.18
109	MP5B	X	62.489	.23
110	MP5B	Z	108.234	.23
111	MP5B	Mx	-.057	.23
112	MP5B	X	62.489	3.18
113	MP5B	Z	108.234	3.18
114	MP5B	Mx	-.057	3.18
115	MP5C	X	56.116	.23
116	MP5C	Z	97.195	.23
117	MP5C	Mx	.147	.23
118	MP5C	X	56.116	3.18
119	MP5C	Z	97.195	3.18
120	MP5C	Mx	.147	3.18
121	MP1A	X	40.606	.23
122	MP1A	Z	70.332	.23
123	MP1A	Mx	-.054	.23
124	MP1A	X	40.606	3.18
125	MP1A	Z	70.332	3.18
126	MP1A	Mx	-.054	3.18
127	MP5A	X	40.606	.23
128	MP5A	Z	70.332	.23
129	MP5A	Mx	-.054	.23
130	MP5A	X	40.606	3.18
131	MP5A	Z	70.332	3.18
132	MP5A	Mx	-.054	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.88
2	MP2A	Z	166.496	.88
3	MP2A	Mx	-.097	.88
4	MP2A	X	0	5.54
5	MP2A	Z	166.496	5.54
6	MP2A	Mx	-.097	5.54
7	MP2B	X	0	.88
8	MP2B	Z	133.384	.88
9	MP2B	Mx	-.052	.88
10	MP2B	X	0	5.54
11	MP2B	Z	133.384	5.54
12	MP2B	Mx	-.052	5.54
13	MP2C	X	0	.88
14	MP2C	Z	116.671	.88
15	MP2C	Mx	.133	.88
16	MP2C	X	0	5.54
17	MP2C	Z	116.671	5.54
18	MP2C	Mx	.133	5.54
19	MP2A	X	0	.88
20	MP2A	Z	166.496	.88
21	MP2A	Mx	.097	.88
22	MP2A	X	0	5.54
23	MP2A	Z	166.496	5.54
24	MP2A	Mx	.097	5.54
25	MP2B	X	0	.88
26	MP2B	Z	133.384	.88
27	MP2B	Mx	-.152	.88
28	MP2B	X	0	5.54
29	MP2B	Z	133.384	5.54
30	MP2B	Mx	-.152	5.54
31	MP2C	X	0	.88
32	MP2C	Z	116.671	.88
33	MP2C	Mx	.086	.88
34	MP2C	X	0	5.54
35	MP2C	Z	116.671	5.54
36	MP2C	Mx	.086	5.54
37	MP4A	X	0	.75
38	MP4A	Z	96.848	.75
39	MP4A	Mx	0	.75
40	MP4A	X	0	2.67
41	MP4A	Z	96.848	2.67
42	MP4A	Mx	0	2.67
43	MP4B	X	0	.75
44	MP4B	Z	62.265	.75
45	MP4B	Mx	-.048	.75
46	MP4B	X	0	2.67
47	MP4B	Z	62.265	2.67
48	MP4B	Mx	-.048	2.67
49	MP4C	X	0	.75
50	MP4C	Z	44.81	.75
51	MP4C	Mx	.042	.75
52	MP4C	X	0	2.67
53	MP4C	Z	44.81	2.67
54	MP4C	Mx	.042	2.67
55	MP1A	X	0	3.2
56	MP1A	Z	38.533	3.2
57	MP1A	Mx	0	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	0	3.2
59	MP1A	Z	38.533	3.2
60	MP1A	Mx	0	3.2
61	MP1B	X	0	3.2
62	MP1B	Z	31.036	3.2
63	MP1B	Mx	.024	3.2
64	MP1B	X	0	3.2
65	MP1B	Z	31.036	3.2
66	MP1B	Mx	.024	3.2
67	MP1C	X	0	3.2
68	MP1C	Z	27.252	3.2
69	MP1C	Mx	-.026	3.2
70	MP1C	X	0	3.2
71	MP1C	Z	27.252	3.2
72	MP1C	Mx	-.026	3.2
73	MP3A	X	0	3.8
74	MP3A	Z	38.533	3.8
75	MP3A	Mx	0	3.8
76	MP3A	X	0	3.8
77	MP3A	Z	38.533	3.8
78	MP3A	Mx	0	3.8
79	MP3B	X	0	3.8
80	MP3B	Z	28.164	3.8
81	MP3B	Mx	.022	3.8
82	MP3B	X	0	3.8
83	MP3B	Z	28.164	3.8
84	MP3B	Mx	.022	3.8
85	MP3C	X	0	3.8
86	MP3C	Z	22.93	3.8
87	MP3C	Mx	-.022	3.8
88	MP3C	X	0	3.8
89	MP3C	Z	22.93	3.8
90	MP3C	Mx	-.022	3.8
91	A26	X	0	1.75
92	A26	Z	83.66	1.75
93	A26	Mx	0	1.75
94	A26	X	0	1.75
95	A26	Z	83.66	1.75
96	A26	Mx	0	1.75
97	MP1B	X	0	.23
98	MP1B	Z	117.956	.23
99	MP1B	Mx	-.12	.23
100	MP1B	X	0	3.18
101	MP1B	Z	117.956	3.18
102	MP1B	Mx	-.12	3.18
103	MP1C	X	0	.23
104	MP1C	Z	113.529	.23
105	MP1C	Mx	.142	.23
106	MP1C	X	0	3.18
107	MP1C	Z	113.529	3.18
108	MP1C	Mx	.142	3.18
109	MP5B	X	0	.23
110	MP5B	Z	117.956	.23
111	MP5B	Mx	-.12	.23
112	MP5B	X	0	3.18
113	MP5B	Z	117.956	3.18
114	MP5B	Mx	-.12	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP5C	X	0	.23
116	MP5C	Z	113.529	.23
117	MP5C	Mx	.142	.23
118	MP5C	X	0	3.18
119	MP5C	Z	113.529	3.18
120	MP5C	Mx	.142	3.18
121	MP1A	X	0	.23
122	MP1A	Z	83.454	.23
123	MP1A	Mx	0	.23
124	MP1A	X	0	3.18
125	MP1A	Z	83.454	3.18
126	MP1A	Mx	0	3.18
127	MP5A	X	0	.23
128	MP5A	Z	83.454	.23
129	MP5A	Mx	0	.23
130	MP5A	X	0	3.18
131	MP5A	Z	83.454	3.18
132	MP5A	Mx	0	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-76.195	.88
2	MP2A	Z	131.973	.88
3	MP2A	Mx	-.000789	.88
4	MP2A	X	-76.195	5.54
5	MP2A	Z	131.973	5.54
6	MP2A	Mx	-.000789	5.54
7	MP2B	X	-55.886	.88
8	MP2B	Z	96.797	.88
9	MP2B	Mx	-.099	.88
10	MP2B	X	-55.886	5.54
11	MP2B	Z	96.797	5.54
12	MP2B	Mx	-.099	5.54
13	MP2C	X	-71.591	.88
14	MP2C	Z	124	.88
15	MP2C	Mx	.156	.88
16	MP2C	X	-71.591	5.54
17	MP2C	Z	124	5.54
18	MP2C	Mx	.156	5.54
19	MP2A	X	-76.195	.88
20	MP2A	Z	131.973	.88
21	MP2A	Mx	.153	.88
22	MP2A	X	-76.195	5.54
23	MP2A	Z	131.973	5.54
24	MP2A	Mx	.153	5.54
25	MP2B	X	-55.886	.88
26	MP2B	Z	96.797	.88
27	MP2B	Mx	-.121	.88
28	MP2B	X	-55.886	5.54
29	MP2B	Z	96.797	5.54
30	MP2B	Mx	-.121	5.54
31	MP2C	X	-71.591	.88
32	MP2C	Z	124	.88
33	MP2C	Mx	.028	.88
34	MP2C	X	-71.591	5.54
35	MP2C	Z	124	5.54

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	.028	5.54
37	MP4A	X	-41.057	.75
38	MP4A	Z	71.114	.75
39	MP4A	Mx	.041	.75
40	MP4A	X	-41.057	2.67
41	MP4A	Z	71.114	2.67
42	MP4A	Mx	.041	2.67
43	MP4B	X	-19.846	.75
44	MP4B	Z	34.375	.75
45	MP4B	Mx	-.039	.75
46	MP4B	X	-19.846	2.67
47	MP4B	Z	34.375	2.67
48	MP4B	Mx	-.039	2.67
49	MP4C	X	-36.249	.75
50	MP4C	Z	62.786	.75
51	MP4C	Mx	.047	.75
52	MP4C	X	-36.249	2.67
53	MP4C	Z	62.786	2.67
54	MP4C	Mx	.047	2.67
55	MP1A	X	-17.67	3.2
56	MP1A	Z	30.605	3.2
57	MP1A	Mx	-.018	3.2
58	MP1A	X	-17.67	3.2
59	MP1A	Z	30.605	3.2
60	MP1A	Mx	-.018	3.2
61	MP1B	X	-13.071	3.2
62	MP1B	Z	22.64	3.2
63	MP1B	Mx	.026	3.2
64	MP1B	X	-13.071	3.2
65	MP1B	Z	22.64	3.2
66	MP1B	Mx	.026	3.2
67	MP1C	X	-16.627	3.2
68	MP1C	Z	28.799	3.2
69	MP1C	Mx	-.021	3.2
70	MP1C	X	-16.627	3.2
71	MP1C	Z	28.799	3.2
72	MP1C	Mx	-.021	3.2
73	MP3A	X	-17.058	3.8
74	MP3A	Z	29.545	3.8
75	MP3A	Mx	-.017	3.8
76	MP3A	X	-17.058	3.8
77	MP3A	Z	29.545	3.8
78	MP3A	Mx	-.017	3.8
79	MP3B	X	-10.698	3.8
80	MP3B	Z	18.53	3.8
81	MP3B	Mx	.021	3.8
82	MP3B	X	-10.698	3.8
83	MP3B	Z	18.53	3.8
84	MP3B	Mx	.021	3.8
85	MP3C	X	-15.616	3.8
86	MP3C	Z	27.048	3.8
87	MP3C	Mx	-.02	3.8
88	MP3C	X	-15.616	3.8
89	MP3C	Z	27.048	3.8
90	MP3C	Mx	-.02	3.8
91	A26	X	-39.351	1.75
92	A26	Z	68.158	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	A26	Mx	0	1.75
94	A26	X	-39.351	1.75
95	A26	Z	68.158	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-56.116	.23
98	MP1B	Z	97.195	.23
99	MP1B	Mx	-.147	.23
100	MP1B	X	-56.116	3.18
101	MP1B	Z	97.195	3.18
102	MP1B	Mx	-.147	3.18
103	MP1C	X	-60.276	.23
104	MP1C	Z	104.4	.23
105	MP1C	Mx	.103	.23
106	MP1C	X	-60.276	3.18
107	MP1C	Z	104.4	3.18
108	MP1C	Mx	.103	3.18
109	MP5B	X	-56.116	.23
110	MP5B	Z	97.195	.23
111	MP5B	Mx	-.147	.23
112	MP5B	X	-56.116	3.18
113	MP5B	Z	97.195	3.18
114	MP5B	Mx	-.147	3.18
115	MP5C	X	-60.276	.23
116	MP5C	Z	104.4	.23
117	MP5C	Mx	.103	.23
118	MP5C	X	-60.276	3.18
119	MP5C	Z	104.4	3.18
120	MP5C	Mx	.103	3.18
121	MP1A	X	-40.606	.23
122	MP1A	Z	70.332	.23
123	MP1A	Mx	.054	.23
124	MP1A	X	-40.606	3.18
125	MP1A	Z	70.332	3.18
126	MP1A	Mx	.054	3.18
127	MP5A	X	-40.606	.23
128	MP5A	Z	70.332	.23
129	MP5A	Mx	.054	.23
130	MP5A	X	-40.606	3.18
131	MP5A	Z	70.332	3.18
132	MP5A	Mx	.054	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-107.54	.88
2	MP2A	Z	62.088	.88
3	MP2A	Mx	.071	.88
4	MP2A	X	-107.54	5.54
5	MP2A	Z	62.088	5.54
6	MP2A	Mx	.071	5.54
7	MP2B	X	-101.04	.88
8	MP2B	Z	58.335	.88
9	MP2B	Mx	-.133	.88
10	MP2B	X	-101.04	5.54
11	MP2B	Z	58.335	5.54
12	MP2B	Mx	-.133	5.54
13	MP2C	X	-142.716	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	82.397	.88
15	MP2C	Mx	.123	.88
16	MP2C	X	-142.716	5.54
17	MP2C	Z	82.397	5.54
18	MP2C	Mx	.123	5.54
19	MP2A	X	-107.54	.88
20	MP2A	Z	62.088	.88
21	MP2A	Mx	.144	.88
22	MP2A	X	-107.54	5.54
23	MP2A	Z	62.088	5.54
24	MP2A	Mx	.144	5.54
25	MP2B	X	-101.04	.88
26	MP2B	Z	58.335	.88
27	MP2B	Mx	-.086	.88
28	MP2B	X	-101.04	5.54
29	MP2B	Z	58.335	5.54
30	MP2B	Mx	-.086	5.54
31	MP2C	X	-142.716	.88
32	MP2C	Z	82.397	.88
33	MP2C	Mx	-.066	.88
34	MP2C	X	-142.716	5.54
35	MP2C	Z	82.397	5.54
36	MP2C	Mx	-.066	5.54
37	MP4A	X	-45.595	.75
38	MP4A	Z	26.324	.75
39	MP4A	Mx	.046	.75
40	MP4A	X	-45.595	2.67
41	MP4A	Z	26.324	2.67
42	MP4A	Mx	.046	2.67
43	MP4B	X	-38.806	.75
44	MP4B	Z	22.405	.75
45	MP4B	Mx	-.042	.75
46	MP4B	X	-38.806	2.67
47	MP4B	Z	22.405	2.67
48	MP4B	Mx	-.042	2.67
49	MP4C	X	-82.334	.75
50	MP4C	Z	47.536	.75
51	MP4C	Mx	.017	.75
52	MP4C	X	-82.334	2.67
53	MP4C	Z	47.536	2.67
54	MP4C	Mx	.017	2.67
55	MP1A	X	-25.073	3.2
56	MP1A	Z	14.476	3.2
57	MP1A	Mx	-.025	3.2
58	MP1A	X	-25.073	3.2
59	MP1A	Z	14.476	3.2
60	MP1A	Mx	-.025	3.2
61	MP1B	X	-23.601	3.2
62	MP1B	Z	13.626	3.2
63	MP1B	Mx	.026	3.2
64	MP1B	X	-23.601	3.2
65	MP1B	Z	13.626	3.2
66	MP1B	Mx	.026	3.2
67	MP1C	X	-33.037	3.2
68	MP1C	Z	19.074	3.2
69	MP1C	Mx	-.007	3.2
70	MP1C	X	-33.037	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP1C	Z	19.074	3.2
72	MP1C	Mx	-.007	3.2
73	MP3A	X	-21.894	3.8
74	MP3A	Z	12.64	3.8
75	MP3A	Mx	-.022	3.8
76	MP3A	X	-21.894	3.8
77	MP3A	Z	12.64	3.8
78	MP3A	Mx	-.022	3.8
79	MP3B	X	-19.858	3.8
80	MP3B	Z	11.465	3.8
81	MP3B	Mx	.022	3.8
82	MP3B	X	-19.858	3.8
83	MP3B	Z	11.465	3.8
84	MP3B	Mx	.022	3.8
85	MP3C	X	-32.909	3.8
86	MP3C	Z	19	3.8
87	MP3C	Mx	-.007	3.8
88	MP3C	X	-32.909	3.8
89	MP3C	Z	19	3.8
90	MP3C	Mx	-.007	3.8
91	A26	X	-59.57	1.75
92	A26	Z	34.393	1.75
93	A26	Mx	0	1.75
94	A26	X	-59.57	1.75
95	A26	Z	34.393	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-98.319	.23
98	MP1B	Z	56.764	.23
99	MP1B	Mx	-.142	.23
100	MP1B	X	-98.319	3.18
101	MP1B	Z	56.764	3.18
102	MP1B	Mx	-.142	3.18
103	MP1C	X	-109.358	.23
104	MP1C	Z	63.138	.23
105	MP1C	Mx	.029	.23
106	MP1C	X	-109.358	3.18
107	MP1C	Z	63.138	3.18
108	MP1C	Mx	.029	3.18
109	MP5B	X	-98.319	.23
110	MP5B	Z	56.764	.23
111	MP5B	Mx	-.142	.23
112	MP5B	X	-98.319	3.18
113	MP5B	Z	56.764	3.18
114	MP5B	Mx	-.142	3.18
115	MP5C	X	-109.358	.23
116	MP5C	Z	63.138	.23
117	MP5C	Mx	.029	.23
118	MP5C	X	-109.358	3.18
119	MP5C	Z	63.138	3.18
120	MP5C	Mx	.029	3.18
121	MP1A	X	-66.449	.23
122	MP1A	Z	38.364	.23
123	MP1A	Mx	.089	.23
124	MP1A	X	-66.449	3.18
125	MP1A	Z	38.364	3.18
126	MP1A	Mx	.089	3.18
127	MP5A	X	-66.449	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
128	MP5A	Z	38.364	.23
129	MP5A	Mx	.089	.23
130	MP5A	X	-66.449	3.18
131	MP5A	Z	38.364	3.18
132	MP5A	Mx	.089	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-110.07	.88
2	MP2A	Z	0	.88
3	MP2A	Mx	.11	.88
4	MP2A	X	-110.07	5.54
5	MP2A	Z	0	5.54
6	MP2A	Mx	.11	5.54
7	MP2B	X	-143.182	.88
8	MP2B	Z	0	.88
9	MP2B	Mx	-.156	.88
10	MP2B	X	-143.182	5.54
11	MP2B	Z	0	5.54
12	MP2B	Mx	-.156	5.54
13	MP2C	X	-159.896	.88
14	MP2C	Z	0	.88
15	MP2C	Mx	.033	.88
16	MP2C	X	-159.896	5.54
17	MP2C	Z	0	5.54
18	MP2C	Mx	.033	5.54
19	MP2A	X	-110.07	.88
20	MP2A	Z	0	.88
21	MP2A	Mx	.11	.88
22	MP2A	X	-110.07	5.54
23	MP2A	Z	0	5.54
24	MP2A	Mx	.11	5.54
25	MP2B	X	-143.182	.88
26	MP2B	Z	0	.88
27	MP2B	Mx	-.028	.88
28	MP2B	X	-143.182	5.54
29	MP2B	Z	0	5.54
30	MP2B	Mx	-.028	5.54
31	MP2C	X	-159.896	.88
32	MP2C	Z	0	.88
33	MP2C	Mx	-.142	.88
34	MP2C	X	-159.896	5.54
35	MP2C	Z	0	5.54
36	MP2C	Mx	-.142	5.54
37	MP4A	X	-37.916	.75
38	MP4A	Z	0	.75
39	MP4A	Mx	.038	.75
40	MP4A	X	-37.916	2.67
41	MP4A	Z	0	2.67
42	MP4A	Mx	.038	2.67
43	MP4B	X	-72.499	.75
44	MP4B	Z	0	.75
45	MP4B	Mx	-.047	.75
46	MP4B	X	-72.499	2.67
47	MP4B	Z	0	2.67
48	MP4B	Mx	-.047	2.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP4C	X	-89.954	.75
50	MP4C	Z	0	.75
51	MP4C	Mx	-.031	.75
52	MP4C	X	-89.954	2.67
53	MP4C	Z	0	2.67
54	MP4C	Mx	-.031	2.67
55	MP1A	X	-25.757	3.2
56	MP1A	Z	0	3.2
57	MP1A	Mx	-.026	3.2
58	MP1A	X	-25.757	3.2
59	MP1A	Z	0	3.2
60	MP1A	Mx	-.026	3.2
61	MP1B	X	-33.255	3.2
62	MP1B	Z	0	3.2
63	MP1B	Mx	.021	3.2
64	MP1B	X	-33.255	3.2
65	MP1B	Z	0	3.2
66	MP1B	Mx	.021	3.2
67	MP1C	X	-37.039	3.2
68	MP1C	Z	0	3.2
69	MP1C	Mx	.013	3.2
70	MP1C	X	-37.039	3.2
71	MP1C	Z	0	3.2
72	MP1C	Mx	.013	3.2
73	MP3A	X	-20.864	3.8
74	MP3A	Z	0	3.8
75	MP3A	Mx	-.021	3.8
76	MP3A	X	-20.864	3.8
77	MP3A	Z	0	3.8
78	MP3A	Mx	-.021	3.8
79	MP3B	X	-31.232	3.8
80	MP3B	Z	0	3.8
81	MP3B	Mx	.02	3.8
82	MP3B	X	-31.232	3.8
83	MP3B	Z	0	3.8
84	MP3B	Mx	.02	3.8
85	MP3C	X	-36.466	3.8
86	MP3C	Z	0	3.8
87	MP3C	Mx	.012	3.8
88	MP3C	X	-36.466	3.8
89	MP3C	Z	0	3.8
90	MP3C	Mx	.012	3.8
91	A26	X	-63.827	1.75
92	A26	Z	0	1.75
93	A26	Mx	0	1.75
94	A26	X	-63.827	1.75
95	A26	Z	0	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-120.551	.23
98	MP1B	Z	0	.23
99	MP1B	Mx	-.103	.23
100	MP1B	X	-120.551	3.18
101	MP1B	Z	0	3.18
102	MP1B	Mx	-.103	3.18
103	MP1C	X	-124.978	.23
104	MP1C	Z	0	.23
105	MP1C	Mx	-.057	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP1C	X	-124.978	3.18
107	MP1C	Z	0	3.18
108	MP1C	Mx	-.057	3.18
109	MP5B	X	-120.551	.23
110	MP5B	Z	0	.23
111	MP5B	Mx	-.103	.23
112	MP5B	X	-120.551	3.18
113	MP5B	Z	0	3.18
114	MP5B	Mx	-.103	3.18
115	MP5C	X	-124.978	.23
116	MP5C	Z	0	.23
117	MP5C	Mx	-.057	.23
118	MP5C	X	-124.978	3.18
119	MP5C	Z	0	3.18
120	MP5C	Mx	-.057	3.18
121	MP1A	X	-74.487	.23
122	MP1A	Z	0	.23
123	MP1A	Mx	.099	.23
124	MP1A	X	-74.487	3.18
125	MP1A	Z	0	3.18
126	MP1A	Mx	.099	3.18
127	MP5A	X	-74.487	.23
128	MP5A	Z	0	.23
129	MP5A	Mx	.099	.23
130	MP5A	X	-74.487	3.18
131	MP5A	Z	0	3.18
132	MP5A	Mx	.099	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-107.54	.88
2	MP2A	Z	-62.088	.88
3	MP2A	Mx	.144	.88
4	MP2A	X	-107.54	5.54
5	MP2A	Z	-62.088	5.54
6	MP2A	Mx	.144	5.54
7	MP2B	X	-142.716	.88
8	MP2B	Z	-82.397	.88
9	MP2B	Mx	-.123	.88
10	MP2B	X	-142.716	5.54
11	MP2B	Z	-82.397	5.54
12	MP2B	Mx	-.123	5.54
13	MP2C	X	-115.514	.88
14	MP2C	Z	-66.692	.88
15	MP2C	Mx	-.052	.88
16	MP2C	X	-115.514	5.54
17	MP2C	Z	-66.692	5.54
18	MP2C	Mx	-.052	5.54
19	MP2A	X	-107.54	.88
20	MP2A	Z	-62.088	.88
21	MP2A	Mx	.071	.88
22	MP2A	X	-107.54	5.54
23	MP2A	Z	-62.088	5.54
24	MP2A	Mx	.071	5.54
25	MP2B	X	-142.716	.88
26	MP2B	Z	-82.397	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2B	Mx	.066	.88
28	MP2B	X	-142.716	5.54
29	MP2B	Z	-82.397	5.54
30	MP2B	Mx	.066	5.54
31	MP2C	X	-115.514	.88
32	MP2C	Z	-66.692	.88
33	MP2C	Mx	-.152	.88
34	MP2C	X	-115.514	5.54
35	MP2C	Z	-66.692	5.54
36	MP2C	Mx	-.152	5.54
37	MP4A	X	-45.595	.75
38	MP4A	Z	-26.324	.75
39	MP4A	Mx	.046	.75
40	MP4A	X	-45.595	2.67
41	MP4A	Z	-26.324	2.67
42	MP4A	Mx	.046	2.67
43	MP4B	X	-82.334	.75
44	MP4B	Z	-47.536	.75
45	MP4B	Mx	-.017	.75
46	MP4B	X	-82.334	2.67
47	MP4B	Z	-47.536	2.67
48	MP4B	Mx	-.017	2.67
49	MP4C	X	-53.923	.75
50	MP4C	Z	-31.133	.75
51	MP4C	Mx	-.048	.75
52	MP4C	X	-53.923	2.67
53	MP4C	Z	-31.133	2.67
54	MP4C	Mx	-.048	2.67
55	MP1A	X	-25.073	3.2
56	MP1A	Z	-14.476	3.2
57	MP1A	Mx	-.025	3.2
58	MP1A	X	-25.073	3.2
59	MP1A	Z	-14.476	3.2
60	MP1A	Mx	-.025	3.2
61	MP1B	X	-33.037	3.2
62	MP1B	Z	-19.074	3.2
63	MP1B	Mx	.007	3.2
64	MP1B	X	-33.037	3.2
65	MP1B	Z	-19.074	3.2
66	MP1B	Mx	.007	3.2
67	MP1C	X	-26.878	3.2
68	MP1C	Z	-15.518	3.2
69	MP1C	Mx	.024	3.2
70	MP1C	X	-26.878	3.2
71	MP1C	Z	-15.518	3.2
72	MP1C	Mx	.024	3.2
73	MP3A	X	-21.894	3.8
74	MP3A	Z	-12.64	3.8
75	MP3A	Mx	-.022	3.8
76	MP3A	X	-21.894	3.8
77	MP3A	Z	-12.64	3.8
78	MP3A	Mx	-.022	3.8
79	MP3B	X	-32.909	3.8
80	MP3B	Z	-19	3.8
81	MP3B	Mx	.007	3.8
82	MP3B	X	-32.909	3.8
83	MP3B	Z	-19	3.8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3B	Mx	.007	3.8
85	MP3C	X	-24.391	3.8
86	MP3C	Z	-14.082	3.8
87	MP3C	Mx	.022	3.8
88	MP3C	X	-24.391	3.8
89	MP3C	Z	-14.082	3.8
90	MP3C	Mx	.022	3.8
91	A26	X	-59.57	1.75
92	A26	Z	-34.393	1.75
93	A26	Mx	0	1.75
94	A26	X	-59.57	1.75
95	A26	Z	-34.393	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-109.358	.23
98	MP1B	Z	-63.138	.23
99	MP1B	Mx	-.029	.23
100	MP1B	X	-109.358	3.18
101	MP1B	Z	-63.138	3.18
102	MP1B	Mx	-.029	3.18
103	MP1C	X	-102.153	.23
104	MP1C	Z	-58.978	.23
105	MP1C	Mx	-.12	.23
106	MP1C	X	-102.153	3.18
107	MP1C	Z	-58.978	3.18
108	MP1C	Mx	-.12	3.18
109	MP5B	X	-109.358	.23
110	MP5B	Z	-63.138	.23
111	MP5B	Mx	-.029	.23
112	MP5B	X	-109.358	3.18
113	MP5B	Z	-63.138	3.18
114	MP5B	Mx	-.029	3.18
115	MP5C	X	-102.153	.23
116	MP5C	Z	-58.978	.23
117	MP5C	Mx	-.12	.23
118	MP5C	X	-102.153	3.18
119	MP5C	Z	-58.978	3.18
120	MP5C	Mx	-.12	3.18
121	MP1A	X	-66.449	.23
122	MP1A	Z	-38.364	.23
123	MP1A	Mx	.089	.23
124	MP1A	X	-66.449	3.18
125	MP1A	Z	-38.364	3.18
126	MP1A	Mx	.089	3.18
127	MP5A	X	-66.449	.23
128	MP5A	Z	-38.364	.23
129	MP5A	Mx	.089	.23
130	MP5A	X	-66.449	3.18
131	MP5A	Z	-38.364	3.18
132	MP5A	Mx	.089	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-76.195	.88
2	MP2A	Z	-131.973	.88
3	MP2A	Mx	.153	.88
4	MP2A	X	-76.195	5.54

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	-131.973	5.54
6	MP2A	Mx	.153	5.54
7	MP2B	X	-79.948	.88
8	MP2B	Z	-138.474	.88
9	MP2B	Mx	-.033	.88
10	MP2B	X	-79.948	5.54
11	MP2B	Z	-138.474	5.54
12	MP2B	Mx	-.033	5.54
13	MP2C	X	-55.886	.88
14	MP2C	Z	-96.797	.88
15	MP2C	Mx	-.099	.88
16	MP2C	X	-55.886	5.54
17	MP2C	Z	-96.797	5.54
18	MP2C	Mx	-.099	5.54
19	MP2A	X	-76.195	.88
20	MP2A	Z	-131.973	.88
21	MP2A	Mx	-.000789	.88
22	MP2A	X	-76.195	5.54
23	MP2A	Z	-131.973	5.54
24	MP2A	Mx	-.000789	5.54
25	MP2B	X	-79.948	.88
26	MP2B	Z	-138.474	.88
27	MP2B	Mx	.142	.88
28	MP2B	X	-79.948	5.54
29	MP2B	Z	-138.474	5.54
30	MP2B	Mx	.142	5.54
31	MP2C	X	-55.886	.88
32	MP2C	Z	-96.797	.88
33	MP2C	Mx	-.121	.88
34	MP2C	X	-55.886	5.54
35	MP2C	Z	-96.797	5.54
36	MP2C	Mx	-.121	5.54
37	MP4A	X	-41.057	.75
38	MP4A	Z	-71.114	.75
39	MP4A	Mx	.041	.75
40	MP4A	X	-41.057	2.67
41	MP4A	Z	-71.114	2.67
42	MP4A	Mx	.041	2.67
43	MP4B	X	-44.977	.75
44	MP4B	Z	-77.903	.75
45	MP4B	Mx	.031	.75
46	MP4B	X	-44.977	2.67
47	MP4B	Z	-77.903	2.67
48	MP4B	Mx	.031	2.67
49	MP4C	X	-19.846	.75
50	MP4C	Z	-34.375	.75
51	MP4C	Mx	-.039	.75
52	MP4C	X	-19.846	2.67
53	MP4C	Z	-34.375	2.67
54	MP4C	Mx	-.039	2.67
55	MP1A	X	-17.67	3.2
56	MP1A	Z	-30.605	3.2
57	MP1A	Mx	-.018	3.2
58	MP1A	X	-17.67	3.2
59	MP1A	Z	-30.605	3.2
60	MP1A	Mx	-.018	3.2
61	MP1B	X	-18.519	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP1B	Z	-32.076	3.2
63	MP1B	Mx	-.013	3.2
64	MP1B	X	-18.519	3.2
65	MP1B	Z	-32.076	3.2
66	MP1B	Mx	-.013	3.2
67	MP1C	X	-13.071	3.2
68	MP1C	Z	-22.64	3.2
69	MP1C	Mx	.026	3.2
70	MP1C	X	-13.071	3.2
71	MP1C	Z	-22.64	3.2
72	MP1C	Mx	.026	3.2
73	MP3A	X	-17.058	3.8
74	MP3A	Z	-29.545	3.8
75	MP3A	Mx	-.017	3.8
76	MP3A	X	-17.058	3.8
77	MP3A	Z	-29.545	3.8
78	MP3A	Mx	-.017	3.8
79	MP3B	X	-18.233	3.8
80	MP3B	Z	-31.581	3.8
81	MP3B	Mx	-.012	3.8
82	MP3B	X	-18.233	3.8
83	MP3B	Z	-31.581	3.8
84	MP3B	Mx	-.012	3.8
85	MP3C	X	-10.698	3.8
86	MP3C	Z	-18.53	3.8
87	MP3C	Mx	.021	3.8
88	MP3C	X	-10.698	3.8
89	MP3C	Z	-18.53	3.8
90	MP3C	Mx	.021	3.8
91	A26	X	-39.351	1.75
92	A26	Z	-68.158	1.75
93	A26	Mx	0	1.75
94	A26	X	-39.351	1.75
95	A26	Z	-68.158	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-62.489	.23
98	MP1B	Z	-108.234	.23
99	MP1B	Mx	.057	.23
100	MP1B	X	-62.489	3.18
101	MP1B	Z	-108.234	3.18
102	MP1B	Mx	.057	3.18
103	MP1C	X	-56.116	.23
104	MP1C	Z	-97.195	.23
105	MP1C	Mx	-.147	.23
106	MP1C	X	-56.116	3.18
107	MP1C	Z	-97.195	3.18
108	MP1C	Mx	-.147	3.18
109	MP5B	X	-62.489	.23
110	MP5B	Z	-108.234	.23
111	MP5B	Mx	.057	.23
112	MP5B	X	-62.489	3.18
113	MP5B	Z	-108.234	3.18
114	MP5B	Mx	.057	3.18
115	MP5C	X	-56.116	.23
116	MP5C	Z	-97.195	.23
117	MP5C	Mx	-.147	.23
118	MP5C	X	-56.116	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP5C	Z	-97.195	3.18
120	MP5C	Mx	-.147	3.18
121	MP1A	X	-40.606	.23
122	MP1A	Z	-70.332	.23
123	MP1A	Mx	.054	.23
124	MP1A	X	-40.606	3.18
125	MP1A	Z	-70.332	3.18
126	MP1A	Mx	.054	3.18
127	MP5A	X	-40.606	.23
128	MP5A	Z	-70.332	.23
129	MP5A	Mx	.054	.23
130	MP5A	X	-40.606	3.18
131	MP5A	Z	-70.332	3.18
132	MP5A	Mx	.054	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.88
2	MP2A	Z	-35.299	.88
3	MP2A	Mx	.021	.88
4	MP2A	X	0	5.54
5	MP2A	Z	-35.299	5.54
6	MP2A	Mx	.021	5.54
7	MP2B	X	0	.88
8	MP2B	Z	-29.161	.88
9	MP2B	Mx	.011	.88
10	MP2B	X	0	5.54
11	MP2B	Z	-29.161	5.54
12	MP2B	Mx	.011	5.54
13	MP2C	X	0	.88
14	MP2C	Z	-26.062	.88
15	MP2C	Mx	-.03	.88
16	MP2C	X	0	5.54
17	MP2C	Z	-26.062	5.54
18	MP2C	Mx	-.03	5.54
19	MP2A	X	0	.88
20	MP2A	Z	-35.299	.88
21	MP2A	Mx	-.021	.88
22	MP2A	X	0	5.54
23	MP2A	Z	-35.299	5.54
24	MP2A	Mx	-.021	5.54
25	MP2B	X	0	.88
26	MP2B	Z	-29.161	.88
27	MP2B	Mx	.033	.88
28	MP2B	X	0	5.54
29	MP2B	Z	-29.161	5.54
30	MP2B	Mx	.033	5.54
31	MP2C	X	0	.88
32	MP2C	Z	-26.062	.88
33	MP2C	Mx	-.019	.88
34	MP2C	X	0	5.54
35	MP2C	Z	-26.062	5.54
36	MP2C	Mx	-.019	5.54
37	MP4A	X	0	.75
38	MP4A	Z	-21.236	.75
39	MP4A	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP4A	X	0	2.67
41	MP4A	Z	-21.236	2.67
42	MP4A	Mx	0	2.67
43	MP4B	X	0	.75
44	MP4B	Z	-14.318	.75
45	MP4B	Mx	.011	.75
46	MP4B	X	0	2.67
47	MP4B	Z	-14.318	2.67
48	MP4B	Mx	.011	2.67
49	MP4C	X	0	.75
50	MP4C	Z	-10.827	.75
51	MP4C	Mx	-.01	.75
52	MP4C	X	0	2.67
53	MP4C	Z	-10.827	2.67
54	MP4C	Mx	-.01	2.67
55	MP1A	X	0	3.2
56	MP1A	Z	-9.208	3.2
57	MP1A	Mx	0	3.2
58	MP1A	X	0	3.2
59	MP1A	Z	-9.208	3.2
60	MP1A	Mx	0	3.2
61	MP1B	X	0	3.2
62	MP1B	Z	-7.64	3.2
63	MP1B	Mx	-.006	3.2
64	MP1B	X	0	3.2
65	MP1B	Z	-7.64	3.2
66	MP1B	Mx	-.006	3.2
67	MP1C	X	0	3.2
68	MP1C	Z	-6.848	3.2
69	MP1C	Mx	.006	3.2
70	MP1C	X	0	3.2
71	MP1C	Z	-6.848	3.2
72	MP1C	Mx	.006	3.2
73	MP3A	X	0	3.8
74	MP3A	Z	-9.208	3.8
75	MP3A	Mx	0	3.8
76	MP3A	X	0	3.8
77	MP3A	Z	-9.208	3.8
78	MP3A	Mx	0	3.8
79	MP3B	X	0	3.8
80	MP3B	Z	-7.044	3.8
81	MP3B	Mx	-.005	3.8
82	MP3B	X	0	3.8
83	MP3B	Z	-7.044	3.8
84	MP3B	Mx	-.005	3.8
85	MP3C	X	0	3.8
86	MP3C	Z	-5.951	3.8
87	MP3C	Mx	.006	3.8
88	MP3C	X	0	3.8
89	MP3C	Z	-5.951	3.8
90	MP3C	Mx	.006	3.8
91	A26	X	0	1.75
92	A26	Z	-18.444	1.75
93	A26	Mx	0	1.75
94	A26	X	0	1.75
95	A26	Z	-18.444	1.75
96	A26	Mx	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP1B	X	0	.23
98	MP1B	Z	-25.384	.23
99	MP1B	Mx	.026	.23
100	MP1B	X	0	3.18
101	MP1B	Z	-25.384	3.18
102	MP1B	Mx	.026	3.18
103	MP1C	X	0	.23
104	MP1C	Z	-24.541	.23
105	MP1C	Mx	-.031	.23
106	MP1C	X	0	3.18
107	MP1C	Z	-24.541	3.18
108	MP1C	Mx	-.031	3.18
109	MP5B	X	0	.23
110	MP5B	Z	-25.384	.23
111	MP5B	Mx	.026	.23
112	MP5B	X	0	3.18
113	MP5B	Z	-25.384	3.18
114	MP5B	Mx	.026	3.18
115	MP5C	X	0	.23
116	MP5C	Z	-24.541	.23
117	MP5C	Mx	-.031	.23
118	MP5C	X	0	3.18
119	MP5C	Z	-24.541	3.18
120	MP5C	Mx	-.031	3.18
121	MP1A	X	0	.23
122	MP1A	Z	-18.736	.23
123	MP1A	Mx	0	.23
124	MP1A	X	0	3.18
125	MP1A	Z	-18.736	3.18
126	MP1A	Mx	0	3.18
127	MP5A	X	0	.23
128	MP5A	Z	-18.736	.23
129	MP5A	Mx	0	.23
130	MP5A	X	0	3.18
131	MP5A	Z	-18.736	3.18
132	MP5A	Mx	0	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	16.342	.88
2	MP2A	Z	-28.305	.88
3	MP2A	Mx	.000169	.88
4	MP2A	X	16.342	5.54
5	MP2A	Z	-28.305	5.54
6	MP2A	Mx	.000169	5.54
7	MP2B	X	12.577	.88
8	MP2B	Z	-21.784	.88
9	MP2B	Mx	.022	.88
10	MP2B	X	12.577	5.54
11	MP2B	Z	-21.784	5.54
12	MP2B	Mx	.022	5.54
13	MP2C	X	15.489	.88
14	MP2C	Z	-26.827	.88
15	MP2C	Mx	-.034	.88
16	MP2C	X	15.489	5.54
17	MP2C	Z	-26.827	5.54

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	-.034	5.54
19	MP2A	X	16.342	.88
20	MP2A	Z	-28.305	.88
21	MP2A	Mx	-.033	.88
22	MP2A	X	16.342	5.54
23	MP2A	Z	-28.305	5.54
24	MP2A	Mx	-.033	5.54
25	MP2B	X	12.577	.88
26	MP2B	Z	-21.784	.88
27	MP2B	Mx	.027	.88
28	MP2B	X	12.577	5.54
29	MP2B	Z	-21.784	5.54
30	MP2B	Mx	.027	5.54
31	MP2C	X	15.489	.88
32	MP2C	Z	-26.827	.88
33	MP2C	Mx	-.006	.88
34	MP2C	X	15.489	5.54
35	MP2C	Z	-26.827	5.54
36	MP2C	Mx	-.006	5.54
37	MP4A	X	9.144	.75
38	MP4A	Z	-15.839	.75
39	MP4A	Mx	-.009	.75
40	MP4A	X	9.144	2.67
41	MP4A	Z	-15.839	2.67
42	MP4A	Mx	-.009	2.67
43	MP4B	X	4.902	.75
44	MP4B	Z	-8.49	.75
45	MP4B	Mx	.01	.75
46	MP4B	X	4.902	2.67
47	MP4B	Z	-8.49	2.67
48	MP4B	Mx	.01	2.67
49	MP4C	X	8.183	.75
50	MP4C	Z	-14.173	.75
51	MP4C	Mx	-.011	.75
52	MP4C	X	8.183	2.67
53	MP4C	Z	-14.173	2.67
54	MP4C	Mx	-.011	2.67
55	MP1A	X	4.27	3.2
56	MP1A	Z	-7.396	3.2
57	MP1A	Mx	.004	3.2
58	MP1A	X	4.27	3.2
59	MP1A	Z	-7.396	3.2
60	MP1A	Mx	.004	3.2
61	MP1B	X	3.308	3.2
62	MP1B	Z	-5.729	3.2
63	MP1B	Mx	-.007	3.2
64	MP1B	X	3.308	3.2
65	MP1B	Z	-5.729	3.2
66	MP1B	Mx	-.007	3.2
67	MP1C	X	4.052	3.2
68	MP1C	Z	-7.018	3.2
69	MP1C	Mx	.005	3.2
70	MP1C	X	4.052	3.2
71	MP1C	Z	-7.018	3.2
72	MP1C	Mx	.005	3.2
73	MP3A	X	4.143	3.8
74	MP3A	Z	-7.176	3.8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3A	Mx	.004	3.8
76	MP3A	X	4.143	3.8
77	MP3A	Z	-7.176	3.8
78	MP3A	Mx	.004	3.8
79	MP3B	X	2.815	3.8
80	MP3B	Z	-4.876	3.8
81	MP3B	Mx	-.006	3.8
82	MP3B	X	2.815	3.8
83	MP3B	Z	-4.876	3.8
84	MP3B	Mx	-.006	3.8
85	MP3C	X	3.842	3.8
86	MP3C	Z	-6.655	3.8
87	MP3C	Mx	.005	3.8
88	MP3C	X	3.842	3.8
89	MP3C	Z	-6.655	3.8
90	MP3C	Mx	.005	3.8
91	A26	X	8.74	1.75
92	A26	Z	-15.138	1.75
93	A26	Mx	0	1.75
94	A26	X	8.74	1.75
95	A26	Z	-15.138	1.75
96	A26	Mx	0	1.75
97	MP1B	X	12.147	.23
98	MP1B	Z	-21.039	.23
99	MP1B	Mx	.032	.23
100	MP1B	X	12.147	3.18
101	MP1B	Z	-21.039	3.18
102	MP1B	Mx	.032	3.18
103	MP1C	X	12.939	.23
104	MP1C	Z	-22.412	.23
105	MP1C	Mx	-.022	.23
106	MP1C	X	12.939	3.18
107	MP1C	Z	-22.412	3.18
108	MP1C	Mx	-.022	3.18
109	MP5B	X	12.147	.23
110	MP5B	Z	-21.039	.23
111	MP5B	Mx	.032	.23
112	MP5B	X	12.147	3.18
113	MP5B	Z	-21.039	3.18
114	MP5B	Mx	.032	3.18
115	MP5C	X	12.939	.23
116	MP5C	Z	-22.412	.23
117	MP5C	Mx	-.022	.23
118	MP5C	X	12.939	3.18
119	MP5C	Z	-22.412	3.18
120	MP5C	Mx	-.022	3.18
121	MP1A	X	9.149	.23
122	MP1A	Z	-15.847	.23
123	MP1A	Mx	-.012	.23
124	MP1A	X	9.149	3.18
125	MP1A	Z	-15.847	3.18
126	MP1A	Mx	-.012	3.18
127	MP5A	X	9.149	.23
128	MP5A	Z	-15.847	.23
129	MP5A	Mx	-.012	.23
130	MP5A	X	9.149	3.18
131	MP5A	Z	-15.847	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
132	MP5A	Mx	-.012	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	23.776	.88
2	MP2A	Z	-13.727	.88
3	MP2A	Mx	-.016	.88
4	MP2A	X	23.776	5.54
5	MP2A	Z	-13.727	5.54
6	MP2A	Mx	-.016	5.54
7	MP2B	X	22.57	.88
8	MP2B	Z	-13.031	.88
9	MP2B	Mx	.03	.88
10	MP2B	X	22.57	5.54
11	MP2B	Z	-13.031	5.54
12	MP2B	Mx	.03	5.54
13	MP2C	X	30.297	.88
14	MP2C	Z	-17.492	.88
15	MP2C	Mx	-.026	.88
16	MP2C	X	30.297	5.54
17	MP2C	Z	-17.492	5.54
18	MP2C	Mx	-.026	5.54
19	MP2A	X	23.776	.88
20	MP2A	Z	-13.727	.88
21	MP2A	Mx	-.032	.88
22	MP2A	X	23.776	5.54
23	MP2A	Z	-13.727	5.54
24	MP2A	Mx	-.032	5.54
25	MP2B	X	22.57	.88
26	MP2B	Z	-13.031	.88
27	MP2B	Mx	.019	.88
28	MP2B	X	22.57	5.54
29	MP2B	Z	-13.031	5.54
30	MP2B	Mx	.019	5.54
31	MP2C	X	30.297	.88
32	MP2C	Z	-17.492	.88
33	MP2C	Mx	.014	.88
34	MP2C	X	30.297	5.54
35	MP2C	Z	-17.492	5.54
36	MP2C	Mx	.014	5.54
37	MP4A	X	10.734	.75
38	MP4A	Z	-6.197	.75
39	MP4A	Mx	-.011	.75
40	MP4A	X	10.734	2.67
41	MP4A	Z	-6.197	2.67
42	MP4A	Mx	-.011	2.67
43	MP4B	X	9.376	.75
44	MP4B	Z	-5.413	.75
45	MP4B	Mx	.01	.75
46	MP4B	X	9.376	2.67
47	MP4B	Z	-5.413	2.67
48	MP4B	Mx	.01	2.67
49	MP4C	X	18.083	.75
50	MP4C	Z	-10.44	.75
51	MP4C	Mx	-.004	.75
52	MP4C	X	18.083	2.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP4C	Z	-10.44	2.67
54	MP4C	Mx	-.004	2.67
55	MP1A	X	6.238	3.2
56	MP1A	Z	-3.602	3.2
57	MP1A	Mx	.006	3.2
58	MP1A	X	6.238	3.2
59	MP1A	Z	-3.602	3.2
60	MP1A	Mx	.006	3.2
61	MP1B	X	5.93	3.2
62	MP1B	Z	-3.424	3.2
63	MP1B	Mx	-.006	3.2
64	MP1B	X	5.93	3.2
65	MP1B	Z	-3.424	3.2
66	MP1B	Mx	-.006	3.2
67	MP1C	X	7.905	3.2
68	MP1C	Z	-4.564	3.2
69	MP1C	Mx	.002	3.2
70	MP1C	X	7.905	3.2
71	MP1C	Z	-4.564	3.2
72	MP1C	Mx	.002	3.2
73	MP3A	X	5.579	3.8
74	MP3A	Z	-3.221	3.8
75	MP3A	Mx	.006	3.8
76	MP3A	X	5.579	3.8
77	MP3A	Z	-3.221	3.8
78	MP3A	Mx	.006	3.8
79	MP3B	X	5.154	3.8
80	MP3B	Z	-2.975	3.8
81	MP3B	Mx	-.006	3.8
82	MP3B	X	5.154	3.8
83	MP3B	Z	-2.975	3.8
84	MP3B	Mx	-.006	3.8
85	MP3C	X	7.878	3.8
86	MP3C	Z	-4.549	3.8
87	MP3C	Mx	.002	3.8
88	MP3C	X	7.878	3.8
89	MP3C	Z	-4.549	3.8
90	MP3C	Mx	.002	3.8
91	A26	X	13.467	1.75
92	A26	Z	-7.775	1.75
93	A26	Mx	0	1.75
94	A26	X	13.467	1.75
95	A26	Z	-7.775	1.75
96	A26	Mx	0	1.75
97	MP1B	X	21.253	.23
98	MP1B	Z	-12.27	.23
99	MP1B	Mx	.031	.23
100	MP1B	X	21.253	3.18
101	MP1B	Z	-12.27	3.18
102	MP1B	Mx	.031	3.18
103	MP1C	X	23.356	.23
104	MP1C	Z	-13.485	.23
105	MP1C	Mx	-.006	.23
106	MP1C	X	23.356	3.18
107	MP1C	Z	-13.485	3.18
108	MP1C	Mx	-.006	3.18
109	MP5B	X	21.253	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP5B	Z	-12.27	.23
111	MP5B	Mx	.031	.23
112	MP5B	X	21.253	3.18
113	MP5B	Z	-12.27	3.18
114	MP5B	Mx	.031	3.18
115	MP5C	X	23.356	.23
116	MP5C	Z	-13.485	.23
117	MP5C	Mx	-.006	.23
118	MP5C	X	23.356	3.18
119	MP5C	Z	-13.485	3.18
120	MP5C	Mx	-.006	3.18
121	MP1A	X	15.089	.23
122	MP1A	Z	-8.711	.23
123	MP1A	Mx	-.02	.23
124	MP1A	X	15.089	3.18
125	MP1A	Z	-8.711	3.18
126	MP1A	Mx	-.02	3.18
127	MP5A	X	15.089	.23
128	MP5A	Z	-8.711	.23
129	MP5A	Mx	-.02	.23
130	MP5A	X	15.089	3.18
131	MP5A	Z	-8.711	3.18
132	MP5A	Mx	-.02	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	24.838	.88
2	MP2A	Z	0	.88
3	MP2A	Mx	-.025	.88
4	MP2A	X	24.838	5.54
5	MP2A	Z	0	5.54
6	MP2A	Mx	-.025	5.54
7	MP2B	X	30.977	.88
8	MP2B	Z	0	.88
9	MP2B	Mx	.034	.88
10	MP2B	X	30.977	5.54
11	MP2B	Z	0	5.54
12	MP2B	Mx	.034	5.54
13	MP2C	X	34.076	.88
14	MP2C	Z	0	.88
15	MP2C	Mx	-.007	.88
16	MP2C	X	34.076	5.54
17	MP2C	Z	0	5.54
18	MP2C	Mx	-.007	5.54
19	MP2A	X	24.838	.88
20	MP2A	Z	0	.88
21	MP2A	Mx	-.025	.88
22	MP2A	X	24.838	5.54
23	MP2A	Z	0	5.54
24	MP2A	Mx	-.025	5.54
25	MP2B	X	30.977	.88
26	MP2B	Z	0	.88
27	MP2B	Mx	.006	.88
28	MP2B	X	30.977	5.54
29	MP2B	Z	0	5.54
30	MP2B	Mx	.006	5.54

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	34.076	.88
32	MP2C	Z	0	.88
33	MP2C	Mx	.03	.88
34	MP2C	X	34.076	5.54
35	MP2C	Z	0	5.54
36	MP2C	Mx	.03	5.54
37	MP4A	X	9.448	.75
38	MP4A	Z	0	.75
39	MP4A	Mx	-.009	.75
40	MP4A	X	9.448	2.67
41	MP4A	Z	0	2.67
42	MP4A	Mx	-.009	2.67
43	MP4B	X	16.365	.75
44	MP4B	Z	0	.75
45	MP4B	Mx	.011	.75
46	MP4B	X	16.365	2.67
47	MP4B	Z	0	2.67
48	MP4B	Mx	.011	2.67
49	MP4C	X	19.857	.75
50	MP4C	Z	0	.75
51	MP4C	Mx	.007	.75
52	MP4C	X	19.857	2.67
53	MP4C	Z	0	2.67
54	MP4C	Mx	.007	2.67
55	MP1A	X	6.535	3.2
56	MP1A	Z	0	3.2
57	MP1A	Mx	.007	3.2
58	MP1A	X	6.535	3.2
59	MP1A	Z	0	3.2
60	MP1A	Mx	.007	3.2
61	MP1B	X	8.104	3.2
62	MP1B	Z	0	3.2
63	MP1B	Mx	-.005	3.2
64	MP1B	X	8.104	3.2
65	MP1B	Z	0	3.2
66	MP1B	Mx	-.005	3.2
67	MP1C	X	8.896	3.2
68	MP1C	Z	0	3.2
69	MP1C	Mx	-.003	3.2
70	MP1C	X	8.896	3.2
71	MP1C	Z	0	3.2
72	MP1C	Mx	-.003	3.2
73	MP3A	X	5.519	3.8
74	MP3A	Z	0	3.8
75	MP3A	Mx	.006	3.8
76	MP3A	X	5.519	3.8
77	MP3A	Z	0	3.8
78	MP3A	Mx	.006	3.8
79	MP3B	X	7.684	3.8
80	MP3B	Z	0	3.8
81	MP3B	Mx	-.005	3.8
82	MP3B	X	7.684	3.8
83	MP3B	Z	0	3.8
84	MP3B	Mx	-.005	3.8
85	MP3C	X	8.777	3.8
86	MP3C	Z	0	3.8
87	MP3C	Mx	-.003	3.8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3C	X	8.777	3.8
89	MP3C	Z	0	3.8
90	MP3C	Mx	-.003	3.8
91	A26	X	14.586	1.75
92	A26	Z	0	1.75
93	A26	Mx	0	1.75
94	A26	X	14.586	1.75
95	A26	Z	0	1.75
96	A26	Mx	0	1.75
97	MP1B	X	25.879	.23
98	MP1B	Z	0	.23
99	MP1B	Mx	.022	.23
100	MP1B	X	25.879	3.18
101	MP1B	Z	0	3.18
102	MP1B	Mx	.022	3.18
103	MP1C	X	26.722	.23
104	MP1C	Z	0	.23
105	MP1C	Mx	.012	.23
106	MP1C	X	26.722	3.18
107	MP1C	Z	0	3.18
108	MP1C	Mx	.012	3.18
109	MP5B	X	25.879	.23
110	MP5B	Z	0	.23
111	MP5B	Mx	.022	.23
112	MP5B	X	25.879	3.18
113	MP5B	Z	0	3.18
114	MP5B	Mx	.022	3.18
115	MP5C	X	26.722	.23
116	MP5C	Z	0	.23
117	MP5C	Mx	.012	.23
118	MP5C	X	26.722	3.18
119	MP5C	Z	0	3.18
120	MP5C	Mx	.012	3.18
121	MP1A	X	16.985	.23
122	MP1A	Z	0	.23
123	MP1A	Mx	-.023	.23
124	MP1A	X	16.985	3.18
125	MP1A	Z	0	3.18
126	MP1A	Mx	-.023	3.18
127	MP5A	X	16.985	.23
128	MP5A	Z	0	.23
129	MP5A	Mx	-.023	.23
130	MP5A	X	16.985	3.18
131	MP5A	Z	0	3.18
132	MP5A	Mx	-.023	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	23.776	.88
2	MP2A	Z	13.727	.88
3	MP2A	Mx	-.032	.88
4	MP2A	X	23.776	5.54
5	MP2A	Z	13.727	5.54
6	MP2A	Mx	-.032	5.54
7	MP2B	X	30.297	.88
8	MP2B	Z	17.492	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.026	.88
10	MP2B	X	30.297	5.54
11	MP2B	Z	17.492	5.54
12	MP2B	Mx	.026	5.54
13	MP2C	X	25.254	.88
14	MP2C	Z	14.58	.88
15	MP2C	Mx	.011	.88
16	MP2C	X	25.254	5.54
17	MP2C	Z	14.58	5.54
18	MP2C	Mx	.011	5.54
19	MP2A	X	23.776	.88
20	MP2A	Z	13.727	.88
21	MP2A	Mx	-.016	.88
22	MP2A	X	23.776	5.54
23	MP2A	Z	13.727	5.54
24	MP2A	Mx	-.016	5.54
25	MP2B	X	30.297	.88
26	MP2B	Z	17.492	.88
27	MP2B	Mx	-.014	.88
28	MP2B	X	30.297	5.54
29	MP2B	Z	17.492	5.54
30	MP2B	Mx	-.014	5.54
31	MP2C	X	25.254	.88
32	MP2C	Z	14.58	.88
33	MP2C	Mx	.033	.88
34	MP2C	X	25.254	5.54
35	MP2C	Z	14.58	5.54
36	MP2C	Mx	.033	5.54
37	MP4A	X	10.734	.75
38	MP4A	Z	6.197	.75
39	MP4A	Mx	-.011	.75
40	MP4A	X	10.734	2.67
41	MP4A	Z	6.197	2.67
42	MP4A	Mx	-.011	2.67
43	MP4B	X	18.083	.75
44	MP4B	Z	10.44	.75
45	MP4B	Mx	.004	.75
46	MP4B	X	18.083	2.67
47	MP4B	Z	10.44	2.67
48	MP4B	Mx	.004	2.67
49	MP4C	X	12.4	.75
50	MP4C	Z	7.159	.75
51	MP4C	Mx	.011	.75
52	MP4C	X	12.4	2.67
53	MP4C	Z	7.159	2.67
54	MP4C	Mx	.011	2.67
55	MP1A	X	6.238	3.2
56	MP1A	Z	3.602	3.2
57	MP1A	Mx	.006	3.2
58	MP1A	X	6.238	3.2
59	MP1A	Z	3.602	3.2
60	MP1A	Mx	.006	3.2
61	MP1B	X	7.905	3.2
62	MP1B	Z	4.564	3.2
63	MP1B	Mx	-.002	3.2
64	MP1B	X	7.905	3.2
65	MP1B	Z	4.564	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP1B	Mx	-.002	3.2
67	MP1C	X	6.616	3.2
68	MP1C	Z	3.82	3.2
69	MP1C	Mx	-.006	3.2
70	MP1C	X	6.616	3.2
71	MP1C	Z	3.82	3.2
72	MP1C	Mx	-.006	3.2
73	MP3A	X	5.579	3.8
74	MP3A	Z	3.221	3.8
75	MP3A	Mx	.006	3.8
76	MP3A	X	5.579	3.8
77	MP3A	Z	3.221	3.8
78	MP3A	Mx	.006	3.8
79	MP3B	X	7.878	3.8
80	MP3B	Z	4.549	3.8
81	MP3B	Mx	-.002	3.8
82	MP3B	X	7.878	3.8
83	MP3B	Z	4.549	3.8
84	MP3B	Mx	-.002	3.8
85	MP3C	X	6.1	3.8
86	MP3C	Z	3.522	3.8
87	MP3C	Mx	-.005	3.8
88	MP3C	X	6.1	3.8
89	MP3C	Z	3.522	3.8
90	MP3C	Mx	-.005	3.8
91	A26	X	13.467	1.75
92	A26	Z	7.775	1.75
93	A26	Mx	0	1.75
94	A26	X	13.467	1.75
95	A26	Z	7.775	1.75
96	A26	Mx	0	1.75
97	MP1B	X	23.356	.23
98	MP1B	Z	13.485	.23
99	MP1B	Mx	.006	.23
100	MP1B	X	23.356	3.18
101	MP1B	Z	13.485	3.18
102	MP1B	Mx	.006	3.18
103	MP1C	X	21.983	.23
104	MP1C	Z	12.692	.23
105	MP1C	Mx	.026	.23
106	MP1C	X	21.983	3.18
107	MP1C	Z	12.692	3.18
108	MP1C	Mx	.026	3.18
109	MP5B	X	23.356	.23
110	MP5B	Z	13.485	.23
111	MP5B	Mx	.006	.23
112	MP5B	X	23.356	3.18
113	MP5B	Z	13.485	3.18
114	MP5B	Mx	.006	3.18
115	MP5C	X	21.983	.23
116	MP5C	Z	12.692	.23
117	MP5C	Mx	.026	.23
118	MP5C	X	21.983	3.18
119	MP5C	Z	12.692	3.18
120	MP5C	Mx	.026	3.18
121	MP1A	X	15.089	.23
122	MP1A	Z	8.711	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
123	MP1A	Mx	-.02	.23
124	MP1A	X	15.089	3.18
125	MP1A	Z	8.711	3.18
126	MP1A	Mx	-.02	3.18
127	MP5A	X	15.089	.23
128	MP5A	Z	8.711	.23
129	MP5A	Mx	-.02	.23
130	MP5A	X	15.089	3.18
131	MP5A	Z	8.711	3.18
132	MP5A	Mx	-.02	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	16.342	.88
2	MP2A	Z	28.305	.88
3	MP2A	Mx	-.033	.88
4	MP2A	X	16.342	5.54
5	MP2A	Z	28.305	5.54
6	MP2A	Mx	-.033	5.54
7	MP2B	X	17.038	.88
8	MP2B	Z	29.51	.88
9	MP2B	Mx	.007	.88
10	MP2B	X	17.038	5.54
11	MP2B	Z	29.51	5.54
12	MP2B	Mx	.007	5.54
13	MP2C	X	12.577	.88
14	MP2C	Z	21.784	.88
15	MP2C	Mx	.022	.88
16	MP2C	X	12.577	5.54
17	MP2C	Z	21.784	5.54
18	MP2C	Mx	.022	5.54
19	MP2A	X	16.342	.88
20	MP2A	Z	28.305	.88
21	MP2A	Mx	.000169	.88
22	MP2A	X	16.342	5.54
23	MP2A	Z	28.305	5.54
24	MP2A	Mx	.000169	5.54
25	MP2B	X	17.038	.88
26	MP2B	Z	29.51	.88
27	MP2B	Mx	-.03	.88
28	MP2B	X	17.038	5.54
29	MP2B	Z	29.51	5.54
30	MP2B	Mx	-.03	5.54
31	MP2C	X	12.577	.88
32	MP2C	Z	21.784	.88
33	MP2C	Mx	.027	.88
34	MP2C	X	12.577	5.54
35	MP2C	Z	21.784	5.54
36	MP2C	Mx	.027	5.54
37	MP4A	X	9.144	.75
38	MP4A	Z	15.839	.75
39	MP4A	Mx	-.009	.75
40	MP4A	X	9.144	2.67
41	MP4A	Z	15.839	2.67
42	MP4A	Mx	-.009	2.67
43	MP4B	X	9.928	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP4B	Z	17.197	.75
45	MP4B	Mx	-.007	.75
46	MP4B	X	9.928	2.67
47	MP4B	Z	17.197	2.67
48	MP4B	Mx	-.007	2.67
49	MP4C	X	4.902	.75
50	MP4C	Z	8.49	.75
51	MP4C	Mx	.01	.75
52	MP4C	X	4.902	2.67
53	MP4C	Z	8.49	2.67
54	MP4C	Mx	.01	2.67
55	MP1A	X	4.27	3.2
56	MP1A	Z	7.396	3.2
57	MP1A	Mx	.004	3.2
58	MP1A	X	4.27	3.2
59	MP1A	Z	7.396	3.2
60	MP1A	Mx	.004	3.2
61	MP1B	X	4.448	3.2
62	MP1B	Z	7.704	3.2
63	MP1B	Mx	.003	3.2
64	MP1B	X	4.448	3.2
65	MP1B	Z	7.704	3.2
66	MP1B	Mx	.003	3.2
67	MP1C	X	3.308	3.2
68	MP1C	Z	5.729	3.2
69	MP1C	Mx	-.007	3.2
70	MP1C	X	3.308	3.2
71	MP1C	Z	5.729	3.2
72	MP1C	Mx	-.007	3.2
73	MP3A	X	4.143	3.8
74	MP3A	Z	7.176	3.8
75	MP3A	Mx	.004	3.8
76	MP3A	X	4.143	3.8
77	MP3A	Z	7.176	3.8
78	MP3A	Mx	.004	3.8
79	MP3B	X	4.388	3.8
80	MP3B	Z	7.601	3.8
81	MP3B	Mx	.003	3.8
82	MP3B	X	4.388	3.8
83	MP3B	Z	7.601	3.8
84	MP3B	Mx	.003	3.8
85	MP3C	X	2.815	3.8
86	MP3C	Z	4.876	3.8
87	MP3C	Mx	-.006	3.8
88	MP3C	X	2.815	3.8
89	MP3C	Z	4.876	3.8
90	MP3C	Mx	-.006	3.8
91	A26	X	8.74	1.75
92	A26	Z	15.138	1.75
93	A26	Mx	0	1.75
94	A26	X	8.74	1.75
95	A26	Z	15.138	1.75
96	A26	Mx	0	1.75
97	MP1B	X	13.361	.23
98	MP1B	Z	23.142	.23
99	MP1B	Mx	-.012	.23
100	MP1B	X	13.361	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP1B	Z	23.142	3.18
102	MP1B	Mx	-.012	3.18
103	MP1C	X	12.147	.23
104	MP1C	Z	21.039	.23
105	MP1C	Mx	.032	.23
106	MP1C	X	12.147	3.18
107	MP1C	Z	21.039	3.18
108	MP1C	Mx	.032	3.18
109	MP5B	X	13.361	.23
110	MP5B	Z	23.142	.23
111	MP5B	Mx	-.012	.23
112	MP5B	X	13.361	3.18
113	MP5B	Z	23.142	3.18
114	MP5B	Mx	-.012	3.18
115	MP5C	X	12.147	.23
116	MP5C	Z	21.039	.23
117	MP5C	Mx	.032	.23
118	MP5C	X	12.147	3.18
119	MP5C	Z	21.039	3.18
120	MP5C	Mx	.032	3.18
121	MP1A	X	9.149	.23
122	MP1A	Z	15.847	.23
123	MP1A	Mx	-.012	.23
124	MP1A	X	9.149	3.18
125	MP1A	Z	15.847	3.18
126	MP1A	Mx	-.012	3.18
127	MP5A	X	9.149	.23
128	MP5A	Z	15.847	.23
129	MP5A	Mx	-.012	.23
130	MP5A	X	9.149	3.18
131	MP5A	Z	15.847	3.18
132	MP5A	Mx	-.012	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.88
2	MP2A	Z	35.299	.88
3	MP2A	Mx	-.021	.88
4	MP2A	X	0	5.54
5	MP2A	Z	35.299	5.54
6	MP2A	Mx	-.021	5.54
7	MP2B	X	0	.88
8	MP2B	Z	29.161	.88
9	MP2B	Mx	-.011	.88
10	MP2B	X	0	5.54
11	MP2B	Z	29.161	5.54
12	MP2B	Mx	-.011	5.54
13	MP2C	X	0	.88
14	MP2C	Z	26.062	.88
15	MP2C	Mx	.03	.88
16	MP2C	X	0	5.54
17	MP2C	Z	26.062	5.54
18	MP2C	Mx	.03	5.54
19	MP2A	X	0	.88
20	MP2A	Z	35.299	.88
21	MP2A	Mx	.021	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	0	5.54
23	MP2A	Z	35.299	5.54
24	MP2A	Mx	.021	5.54
25	MP2B	X	0	.88
26	MP2B	Z	29.161	.88
27	MP2B	Mx	-.033	.88
28	MP2B	X	0	5.54
29	MP2B	Z	29.161	5.54
30	MP2B	Mx	-.033	5.54
31	MP2C	X	0	.88
32	MP2C	Z	26.062	.88
33	MP2C	Mx	.019	.88
34	MP2C	X	0	5.54
35	MP2C	Z	26.062	5.54
36	MP2C	Mx	.019	5.54
37	MP4A	X	0	.75
38	MP4A	Z	21.236	.75
39	MP4A	Mx	0	.75
40	MP4A	X	0	2.67
41	MP4A	Z	21.236	2.67
42	MP4A	Mx	0	2.67
43	MP4B	X	0	.75
44	MP4B	Z	14.318	.75
45	MP4B	Mx	-.011	.75
46	MP4B	X	0	2.67
47	MP4B	Z	14.318	2.67
48	MP4B	Mx	-.011	2.67
49	MP4C	X	0	.75
50	MP4C	Z	10.827	.75
51	MP4C	Mx	.01	.75
52	MP4C	X	0	2.67
53	MP4C	Z	10.827	2.67
54	MP4C	Mx	.01	2.67
55	MP1A	X	0	3.2
56	MP1A	Z	9.208	3.2
57	MP1A	Mx	0	3.2
58	MP1A	X	0	3.2
59	MP1A	Z	9.208	3.2
60	MP1A	Mx	0	3.2
61	MP1B	X	0	3.2
62	MP1B	Z	7.64	3.2
63	MP1B	Mx	.006	3.2
64	MP1B	X	0	3.2
65	MP1B	Z	7.64	3.2
66	MP1B	Mx	.006	3.2
67	MP1C	X	0	3.2
68	MP1C	Z	6.848	3.2
69	MP1C	Mx	-.006	3.2
70	MP1C	X	0	3.2
71	MP1C	Z	6.848	3.2
72	MP1C	Mx	-.006	3.2
73	MP3A	X	0	3.8
74	MP3A	Z	9.208	3.8
75	MP3A	Mx	0	3.8
76	MP3A	X	0	3.8
77	MP3A	Z	9.208	3.8
78	MP3A	Mx	0	3.8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP3B	X	0	3.8
80	MP3B	Z	7.044	3.8
81	MP3B	Mx	.005	3.8
82	MP3B	X	0	3.8
83	MP3B	Z	7.044	3.8
84	MP3B	Mx	.005	3.8
85	MP3C	X	0	3.8
86	MP3C	Z	5.951	3.8
87	MP3C	Mx	-.006	3.8
88	MP3C	X	0	3.8
89	MP3C	Z	5.951	3.8
90	MP3C	Mx	-.006	3.8
91	A26	X	0	1.75
92	A26	Z	18.444	1.75
93	A26	Mx	0	1.75
94	A26	X	0	1.75
95	A26	Z	18.444	1.75
96	A26	Mx	0	1.75
97	MP1B	X	0	.23
98	MP1B	Z	25.384	.23
99	MP1B	Mx	-.026	.23
100	MP1B	X	0	3.18
101	MP1B	Z	25.384	3.18
102	MP1B	Mx	-.026	3.18
103	MP1C	X	0	.23
104	MP1C	Z	24.541	.23
105	MP1C	Mx	.031	.23
106	MP1C	X	0	3.18
107	MP1C	Z	24.541	3.18
108	MP1C	Mx	.031	3.18
109	MP5B	X	0	.23
110	MP5B	Z	25.384	.23
111	MP5B	Mx	-.026	.23
112	MP5B	X	0	3.18
113	MP5B	Z	25.384	3.18
114	MP5B	Mx	-.026	3.18
115	MP5C	X	0	.23
116	MP5C	Z	24.541	.23
117	MP5C	Mx	.031	.23
118	MP5C	X	0	3.18
119	MP5C	Z	24.541	3.18
120	MP5C	Mx	.031	3.18
121	MP1A	X	0	.23
122	MP1A	Z	18.736	.23
123	MP1A	Mx	0	.23
124	MP1A	X	0	3.18
125	MP1A	Z	18.736	3.18
126	MP1A	Mx	0	3.18
127	MP5A	X	0	.23
128	MP5A	Z	18.736	.23
129	MP5A	Mx	0	.23
130	MP5A	X	0	3.18
131	MP5A	Z	18.736	3.18
132	MP5A	Mx	0	3.18

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-16.342	.88
2	MP2A	Z	28.305	.88
3	MP2A	Mx	-.000169	.88
4	MP2A	X	-16.342	5.54
5	MP2A	Z	28.305	5.54
6	MP2A	Mx	-.000169	5.54
7	MP2B	X	-12.577	.88
8	MP2B	Z	21.784	.88
9	MP2B	Mx	-.022	.88
10	MP2B	X	-12.577	5.54
11	MP2B	Z	21.784	5.54
12	MP2B	Mx	-.022	5.54
13	MP2C	X	-15.489	.88
14	MP2C	Z	26.827	.88
15	MP2C	Mx	.034	.88
16	MP2C	X	-15.489	5.54
17	MP2C	Z	26.827	5.54
18	MP2C	Mx	.034	5.54
19	MP2A	X	-16.342	.88
20	MP2A	Z	28.305	.88
21	MP2A	Mx	.033	.88
22	MP2A	X	-16.342	5.54
23	MP2A	Z	28.305	5.54
24	MP2A	Mx	.033	5.54
25	MP2B	X	-12.577	.88
26	MP2B	Z	21.784	.88
27	MP2B	Mx	-.027	.88
28	MP2B	X	-12.577	5.54
29	MP2B	Z	21.784	5.54
30	MP2B	Mx	-.027	5.54
31	MP2C	X	-15.489	.88
32	MP2C	Z	26.827	.88
33	MP2C	Mx	.006	.88
34	MP2C	X	-15.489	5.54
35	MP2C	Z	26.827	5.54
36	MP2C	Mx	.006	5.54
37	MP4A	X	-9.144	.75
38	MP4A	Z	15.839	.75
39	MP4A	Mx	.009	.75
40	MP4A	X	-9.144	2.67
41	MP4A	Z	15.839	2.67
42	MP4A	Mx	.009	2.67
43	MP4B	X	-4.902	.75
44	MP4B	Z	8.49	.75
45	MP4B	Mx	-.01	.75
46	MP4B	X	-4.902	2.67
47	MP4B	Z	8.49	2.67
48	MP4B	Mx	-.01	2.67
49	MP4C	X	-8.183	.75
50	MP4C	Z	14.173	.75
51	MP4C	Mx	.011	.75
52	MP4C	X	-8.183	2.67
53	MP4C	Z	14.173	2.67
54	MP4C	Mx	.011	2.67
55	MP1A	X	-4.27	3.2
56	MP1A	Z	7.396	3.2
57	MP1A	Mx	-.004	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-4.27	3.2
59	MP1A	Z	7.396	3.2
60	MP1A	Mx	-.004	3.2
61	MP1B	X	-3.308	3.2
62	MP1B	Z	5.729	3.2
63	MP1B	Mx	.007	3.2
64	MP1B	X	-3.308	3.2
65	MP1B	Z	5.729	3.2
66	MP1B	Mx	.007	3.2
67	MP1C	X	-4.052	3.2
68	MP1C	Z	7.018	3.2
69	MP1C	Mx	-.005	3.2
70	MP1C	X	-4.052	3.2
71	MP1C	Z	7.018	3.2
72	MP1C	Mx	-.005	3.2
73	MP3A	X	-4.143	3.8
74	MP3A	Z	7.176	3.8
75	MP3A	Mx	-.004	3.8
76	MP3A	X	-4.143	3.8
77	MP3A	Z	7.176	3.8
78	MP3A	Mx	-.004	3.8
79	MP3B	X	-2.815	3.8
80	MP3B	Z	4.876	3.8
81	MP3B	Mx	.006	3.8
82	MP3B	X	-2.815	3.8
83	MP3B	Z	4.876	3.8
84	MP3B	Mx	.006	3.8
85	MP3C	X	-3.842	3.8
86	MP3C	Z	6.655	3.8
87	MP3C	Mx	-.005	3.8
88	MP3C	X	-3.842	3.8
89	MP3C	Z	6.655	3.8
90	MP3C	Mx	-.005	3.8
91	A26	X	-8.74	1.75
92	A26	Z	15.138	1.75
93	A26	Mx	0	1.75
94	A26	X	-8.74	1.75
95	A26	Z	15.138	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-12.147	.23
98	MP1B	Z	21.039	.23
99	MP1B	Mx	-.032	.23
100	MP1B	X	-12.147	3.18
101	MP1B	Z	21.039	3.18
102	MP1B	Mx	-.032	3.18
103	MP1C	X	-12.939	.23
104	MP1C	Z	22.412	.23
105	MP1C	Mx	.022	.23
106	MP1C	X	-12.939	3.18
107	MP1C	Z	22.412	3.18
108	MP1C	Mx	.022	3.18
109	MP5B	X	-12.147	.23
110	MP5B	Z	21.039	.23
111	MP5B	Mx	-.032	.23
112	MP5B	X	-12.147	3.18
113	MP5B	Z	21.039	3.18
114	MP5B	Mx	-.032	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP5C	X	-12.939	.23
116	MP5C	Z	22.412	.23
117	MP5C	Mx	.022	.23
118	MP5C	X	-12.939	3.18
119	MP5C	Z	22.412	3.18
120	MP5C	Mx	.022	3.18
121	MP1A	X	-9.149	.23
122	MP1A	Z	15.847	.23
123	MP1A	Mx	.012	.23
124	MP1A	X	-9.149	3.18
125	MP1A	Z	15.847	3.18
126	MP1A	Mx	.012	3.18
127	MP5A	X	-9.149	.23
128	MP5A	Z	15.847	.23
129	MP5A	Mx	.012	.23
130	MP5A	X	-9.149	3.18
131	MP5A	Z	15.847	3.18
132	MP5A	Mx	.012	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-23.776	.88
2	MP2A	Z	13.727	.88
3	MP2A	Mx	.016	.88
4	MP2A	X	-23.776	5.54
5	MP2A	Z	13.727	5.54
6	MP2A	Mx	.016	5.54
7	MP2B	X	-22.57	.88
8	MP2B	Z	13.031	.88
9	MP2B	Mx	-.03	.88
10	MP2B	X	-22.57	5.54
11	MP2B	Z	13.031	5.54
12	MP2B	Mx	-.03	5.54
13	MP2C	X	-30.297	.88
14	MP2C	Z	17.492	.88
15	MP2C	Mx	.026	.88
16	MP2C	X	-30.297	5.54
17	MP2C	Z	17.492	5.54
18	MP2C	Mx	.026	5.54
19	MP2A	X	-23.776	.88
20	MP2A	Z	13.727	.88
21	MP2A	Mx	.032	.88
22	MP2A	X	-23.776	5.54
23	MP2A	Z	13.727	5.54
24	MP2A	Mx	.032	5.54
25	MP2B	X	-22.57	.88
26	MP2B	Z	13.031	.88
27	MP2B	Mx	-.019	.88
28	MP2B	X	-22.57	5.54
29	MP2B	Z	13.031	5.54
30	MP2B	Mx	-.019	5.54
31	MP2C	X	-30.297	.88
32	MP2C	Z	17.492	.88
33	MP2C	Mx	-.014	.88
34	MP2C	X	-30.297	5.54
35	MP2C	Z	17.492	5.54

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	-.014	5.54
37	MP4A	X	-10.734	.75
38	MP4A	Z	6.197	.75
39	MP4A	Mx	.011	.75
40	MP4A	X	-10.734	2.67
41	MP4A	Z	6.197	2.67
42	MP4A	Mx	.011	2.67
43	MP4B	X	-9.376	.75
44	MP4B	Z	5.413	.75
45	MP4B	Mx	-.01	.75
46	MP4B	X	-9.376	2.67
47	MP4B	Z	5.413	2.67
48	MP4B	Mx	-.01	2.67
49	MP4C	X	-18.083	.75
50	MP4C	Z	10.44	.75
51	MP4C	Mx	.004	.75
52	MP4C	X	-18.083	2.67
53	MP4C	Z	10.44	2.67
54	MP4C	Mx	.004	2.67
55	MP1A	X	-6.238	3.2
56	MP1A	Z	3.602	3.2
57	MP1A	Mx	-.006	3.2
58	MP1A	X	-6.238	3.2
59	MP1A	Z	3.602	3.2
60	MP1A	Mx	-.006	3.2
61	MP1B	X	-5.93	3.2
62	MP1B	Z	3.424	3.2
63	MP1B	Mx	.006	3.2
64	MP1B	X	-5.93	3.2
65	MP1B	Z	3.424	3.2
66	MP1B	Mx	.006	3.2
67	MP1C	X	-7.905	3.2
68	MP1C	Z	4.564	3.2
69	MP1C	Mx	-.002	3.2
70	MP1C	X	-7.905	3.2
71	MP1C	Z	4.564	3.2
72	MP1C	Mx	-.002	3.2
73	MP3A	X	-5.579	3.8
74	MP3A	Z	3.221	3.8
75	MP3A	Mx	-.006	3.8
76	MP3A	X	-5.579	3.8
77	MP3A	Z	3.221	3.8
78	MP3A	Mx	-.006	3.8
79	MP3B	X	-5.154	3.8
80	MP3B	Z	2.975	3.8
81	MP3B	Mx	.006	3.8
82	MP3B	X	-5.154	3.8
83	MP3B	Z	2.975	3.8
84	MP3B	Mx	.006	3.8
85	MP3C	X	-7.878	3.8
86	MP3C	Z	4.549	3.8
87	MP3C	Mx	-.002	3.8
88	MP3C	X	-7.878	3.8
89	MP3C	Z	4.549	3.8
90	MP3C	Mx	-.002	3.8
91	A26	X	-13.467	1.75
92	A26	Z	7.775	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	A26	Mx	0	1.75
94	A26	X	-13.467	1.75
95	A26	Z	7.775	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-21.253	.23
98	MP1B	Z	12.27	.23
99	MP1B	Mx	-.031	.23
100	MP1B	X	-21.253	3.18
101	MP1B	Z	12.27	3.18
102	MP1B	Mx	-.031	3.18
103	MP1C	X	-23.356	.23
104	MP1C	Z	13.485	.23
105	MP1C	Mx	.006	.23
106	MP1C	X	-23.356	3.18
107	MP1C	Z	13.485	3.18
108	MP1C	Mx	.006	3.18
109	MP5B	X	-21.253	.23
110	MP5B	Z	12.27	.23
111	MP5B	Mx	-.031	.23
112	MP5B	X	-21.253	3.18
113	MP5B	Z	12.27	3.18
114	MP5B	Mx	-.031	3.18
115	MP5C	X	-23.356	.23
116	MP5C	Z	13.485	.23
117	MP5C	Mx	.006	.23
118	MP5C	X	-23.356	3.18
119	MP5C	Z	13.485	3.18
120	MP5C	Mx	.006	3.18
121	MP1A	X	-15.089	.23
122	MP1A	Z	8.711	.23
123	MP1A	Mx	.02	.23
124	MP1A	X	-15.089	3.18
125	MP1A	Z	8.711	3.18
126	MP1A	Mx	.02	3.18
127	MP5A	X	-15.089	.23
128	MP5A	Z	8.711	.23
129	MP5A	Mx	.02	.23
130	MP5A	X	-15.089	3.18
131	MP5A	Z	8.711	3.18
132	MP5A	Mx	.02	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-24.838	.88
2	MP2A	Z	0	.88
3	MP2A	Mx	.025	.88
4	MP2A	X	-24.838	5.54
5	MP2A	Z	0	5.54
6	MP2A	Mx	.025	5.54
7	MP2B	X	-30.977	.88
8	MP2B	Z	0	.88
9	MP2B	Mx	-.034	.88
10	MP2B	X	-30.977	5.54
11	MP2B	Z	0	5.54
12	MP2B	Mx	-.034	5.54
13	MP2C	X	-34.076	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	0	.88
15	MP2C	Mx	.007	.88
16	MP2C	X	-34.076	5.54
17	MP2C	Z	0	5.54
18	MP2C	Mx	.007	5.54
19	MP2A	X	-24.838	.88
20	MP2A	Z	0	.88
21	MP2A	Mx	.025	.88
22	MP2A	X	-24.838	5.54
23	MP2A	Z	0	5.54
24	MP2A	Mx	.025	5.54
25	MP2B	X	-30.977	.88
26	MP2B	Z	0	.88
27	MP2B	Mx	-.006	.88
28	MP2B	X	-30.977	5.54
29	MP2B	Z	0	5.54
30	MP2B	Mx	-.006	5.54
31	MP2C	X	-34.076	.88
32	MP2C	Z	0	.88
33	MP2C	Mx	-.03	.88
34	MP2C	X	-34.076	5.54
35	MP2C	Z	0	5.54
36	MP2C	Mx	-.03	5.54
37	MP4A	X	-9.448	.75
38	MP4A	Z	0	.75
39	MP4A	Mx	.009	.75
40	MP4A	X	-9.448	2.67
41	MP4A	Z	0	2.67
42	MP4A	Mx	.009	2.67
43	MP4B	X	-16.365	.75
44	MP4B	Z	0	.75
45	MP4B	Mx	-.011	.75
46	MP4B	X	-16.365	2.67
47	MP4B	Z	0	2.67
48	MP4B	Mx	-.011	2.67
49	MP4C	X	-19.857	.75
50	MP4C	Z	0	.75
51	MP4C	Mx	-.007	.75
52	MP4C	X	-19.857	2.67
53	MP4C	Z	0	2.67
54	MP4C	Mx	-.007	2.67
55	MP1A	X	-6.535	3.2
56	MP1A	Z	0	3.2
57	MP1A	Mx	-.007	3.2
58	MP1A	X	-6.535	3.2
59	MP1A	Z	0	3.2
60	MP1A	Mx	-.007	3.2
61	MP1B	X	-8.104	3.2
62	MP1B	Z	0	3.2
63	MP1B	Mx	.005	3.2
64	MP1B	X	-8.104	3.2
65	MP1B	Z	0	3.2
66	MP1B	Mx	.005	3.2
67	MP1C	X	-8.896	3.2
68	MP1C	Z	0	3.2
69	MP1C	Mx	.003	3.2
70	MP1C	X	-8.896	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP1C	Z	0	3.2
72	MP1C	Mx	.003	3.2
73	MP3A	X	-5.519	3.8
74	MP3A	Z	0	3.8
75	MP3A	Mx	-.006	3.8
76	MP3A	X	-5.519	3.8
77	MP3A	Z	0	3.8
78	MP3A	Mx	-.006	3.8
79	MP3B	X	-7.684	3.8
80	MP3B	Z	0	3.8
81	MP3B	Mx	.005	3.8
82	MP3B	X	-7.684	3.8
83	MP3B	Z	0	3.8
84	MP3B	Mx	.005	3.8
85	MP3C	X	-8.777	3.8
86	MP3C	Z	0	3.8
87	MP3C	Mx	.003	3.8
88	MP3C	X	-8.777	3.8
89	MP3C	Z	0	3.8
90	MP3C	Mx	.003	3.8
91	A26	X	-14.586	1.75
92	A26	Z	0	1.75
93	A26	Mx	0	1.75
94	A26	X	-14.586	1.75
95	A26	Z	0	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-25.879	.23
98	MP1B	Z	0	.23
99	MP1B	Mx	-.022	.23
100	MP1B	X	-25.879	3.18
101	MP1B	Z	0	3.18
102	MP1B	Mx	-.022	3.18
103	MP1C	X	-26.722	.23
104	MP1C	Z	0	.23
105	MP1C	Mx	-.012	.23
106	MP1C	X	-26.722	3.18
107	MP1C	Z	0	3.18
108	MP1C	Mx	-.012	3.18
109	MP5B	X	-25.879	.23
110	MP5B	Z	0	.23
111	MP5B	Mx	-.022	.23
112	MP5B	X	-25.879	3.18
113	MP5B	Z	0	3.18
114	MP5B	Mx	-.022	3.18
115	MP5C	X	-26.722	.23
116	MP5C	Z	0	.23
117	MP5C	Mx	-.012	.23
118	MP5C	X	-26.722	3.18
119	MP5C	Z	0	3.18
120	MP5C	Mx	-.012	3.18
121	MP1A	X	-16.985	.23
122	MP1A	Z	0	.23
123	MP1A	Mx	.023	.23
124	MP1A	X	-16.985	3.18
125	MP1A	Z	0	3.18
126	MP1A	Mx	.023	3.18
127	MP5A	X	-16.985	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
128	MP5A	Z	0	.23
129	MP5A	Mx	.023	.23
130	MP5A	X	-16.985	3.18
131	MP5A	Z	0	3.18
132	MP5A	Mx	.023	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-23.776	.88
2	MP2A	Z	-13.727	.88
3	MP2A	Mx	.032	.88
4	MP2A	X	-23.776	5.54
5	MP2A	Z	-13.727	5.54
6	MP2A	Mx	.032	5.54
7	MP2B	X	-30.297	.88
8	MP2B	Z	-17.492	.88
9	MP2B	Mx	-.026	.88
10	MP2B	X	-30.297	5.54
11	MP2B	Z	-17.492	5.54
12	MP2B	Mx	-.026	5.54
13	MP2C	X	-25.254	.88
14	MP2C	Z	-14.58	.88
15	MP2C	Mx	-.011	.88
16	MP2C	X	-25.254	5.54
17	MP2C	Z	-14.58	5.54
18	MP2C	Mx	-.011	5.54
19	MP2A	X	-23.776	.88
20	MP2A	Z	-13.727	.88
21	MP2A	Mx	.016	.88
22	MP2A	X	-23.776	5.54
23	MP2A	Z	-13.727	5.54
24	MP2A	Mx	.016	5.54
25	MP2B	X	-30.297	.88
26	MP2B	Z	-17.492	.88
27	MP2B	Mx	.014	.88
28	MP2B	X	-30.297	5.54
29	MP2B	Z	-17.492	5.54
30	MP2B	Mx	.014	5.54
31	MP2C	X	-25.254	.88
32	MP2C	Z	-14.58	.88
33	MP2C	Mx	-.033	.88
34	MP2C	X	-25.254	5.54
35	MP2C	Z	-14.58	5.54
36	MP2C	Mx	-.033	5.54
37	MP4A	X	-10.734	.75
38	MP4A	Z	-6.197	.75
39	MP4A	Mx	.011	.75
40	MP4A	X	-10.734	2.67
41	MP4A	Z	-6.197	2.67
42	MP4A	Mx	.011	2.67
43	MP4B	X	-18.083	.75
44	MP4B	Z	-10.44	.75
45	MP4B	Mx	-.004	.75
46	MP4B	X	-18.083	2.67
47	MP4B	Z	-10.44	2.67
48	MP4B	Mx	-.004	2.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP4C	X	-12.4	.75
50	MP4C	Z	-7.159	.75
51	MP4C	Mx	-.011	.75
52	MP4C	X	-12.4	2.67
53	MP4C	Z	-7.159	2.67
54	MP4C	Mx	-.011	2.67
55	MP1A	X	-6.238	3.2
56	MP1A	Z	-3.602	3.2
57	MP1A	Mx	-.006	3.2
58	MP1A	X	-6.238	3.2
59	MP1A	Z	-3.602	3.2
60	MP1A	Mx	-.006	3.2
61	MP1B	X	-7.905	3.2
62	MP1B	Z	-4.564	3.2
63	MP1B	Mx	.002	3.2
64	MP1B	X	-7.905	3.2
65	MP1B	Z	-4.564	3.2
66	MP1B	Mx	.002	3.2
67	MP1C	X	-6.616	3.2
68	MP1C	Z	-3.82	3.2
69	MP1C	Mx	.006	3.2
70	MP1C	X	-6.616	3.2
71	MP1C	Z	-3.82	3.2
72	MP1C	Mx	.006	3.2
73	MP3A	X	-5.579	3.8
74	MP3A	Z	-3.221	3.8
75	MP3A	Mx	-.006	3.8
76	MP3A	X	-5.579	3.8
77	MP3A	Z	-3.221	3.8
78	MP3A	Mx	-.006	3.8
79	MP3B	X	-7.878	3.8
80	MP3B	Z	-4.549	3.8
81	MP3B	Mx	.002	3.8
82	MP3B	X	-7.878	3.8
83	MP3B	Z	-4.549	3.8
84	MP3B	Mx	.002	3.8
85	MP3C	X	-6.1	3.8
86	MP3C	Z	-3.522	3.8
87	MP3C	Mx	.005	3.8
88	MP3C	X	-6.1	3.8
89	MP3C	Z	-3.522	3.8
90	MP3C	Mx	.005	3.8
91	A26	X	-13.467	1.75
92	A26	Z	-7.775	1.75
93	A26	Mx	0	1.75
94	A26	X	-13.467	1.75
95	A26	Z	-7.775	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-23.356	.23
98	MP1B	Z	-13.485	.23
99	MP1B	Mx	-.006	.23
100	MP1B	X	-23.356	3.18
101	MP1B	Z	-13.485	3.18
102	MP1B	Mx	-.006	3.18
103	MP1C	X	-21.983	.23
104	MP1C	Z	-12.692	.23
105	MP1C	Mx	-.026	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP1C	X	-21.983	3.18
107	MP1C	Z	-12.692	3.18
108	MP1C	Mx	-.026	3.18
109	MP5B	X	-23.356	.23
110	MP5B	Z	-13.485	.23
111	MP5B	Mx	-.006	.23
112	MP5B	X	-23.356	3.18
113	MP5B	Z	-13.485	3.18
114	MP5B	Mx	-.006	3.18
115	MP5C	X	-21.983	.23
116	MP5C	Z	-12.692	.23
117	MP5C	Mx	-.026	.23
118	MP5C	X	-21.983	3.18
119	MP5C	Z	-12.692	3.18
120	MP5C	Mx	-.026	3.18
121	MP1A	X	-15.089	.23
122	MP1A	Z	-8.711	.23
123	MP1A	Mx	.02	.23
124	MP1A	X	-15.089	3.18
125	MP1A	Z	-8.711	3.18
126	MP1A	Mx	.02	3.18
127	MP5A	X	-15.089	.23
128	MP5A	Z	-8.711	.23
129	MP5A	Mx	.02	.23
130	MP5A	X	-15.089	3.18
131	MP5A	Z	-8.711	3.18
132	MP5A	Mx	.02	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-16.342	.88
2	MP2A	Z	-28.305	.88
3	MP2A	Mx	.033	.88
4	MP2A	X	-16.342	5.54
5	MP2A	Z	-28.305	5.54
6	MP2A	Mx	.033	5.54
7	MP2B	X	-17.038	.88
8	MP2B	Z	-29.51	.88
9	MP2B	Mx	-.007	.88
10	MP2B	X	-17.038	5.54
11	MP2B	Z	-29.51	5.54
12	MP2B	Mx	-.007	5.54
13	MP2C	X	-12.577	.88
14	MP2C	Z	-21.784	.88
15	MP2C	Mx	-.022	.88
16	MP2C	X	-12.577	5.54
17	MP2C	Z	-21.784	5.54
18	MP2C	Mx	-.022	5.54
19	MP2A	X	-16.342	.88
20	MP2A	Z	-28.305	.88
21	MP2A	Mx	-.000169	.88
22	MP2A	X	-16.342	5.54
23	MP2A	Z	-28.305	5.54
24	MP2A	Mx	-.000169	5.54
25	MP2B	X	-17.038	.88
26	MP2B	Z	-29.51	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2B	Mx	.03	.88
28	MP2B	X	-17.038	5.54
29	MP2B	Z	-29.51	5.54
30	MP2B	Mx	.03	5.54
31	MP2C	X	-12.577	.88
32	MP2C	Z	-21.784	.88
33	MP2C	Mx	-.027	.88
34	MP2C	X	-12.577	5.54
35	MP2C	Z	-21.784	5.54
36	MP2C	Mx	-.027	5.54
37	MP4A	X	-9.144	.75
38	MP4A	Z	-15.839	.75
39	MP4A	Mx	.009	.75
40	MP4A	X	-9.144	2.67
41	MP4A	Z	-15.839	2.67
42	MP4A	Mx	.009	2.67
43	MP4B	X	-9.928	.75
44	MP4B	Z	-17.197	.75
45	MP4B	Mx	.007	.75
46	MP4B	X	-9.928	2.67
47	MP4B	Z	-17.197	2.67
48	MP4B	Mx	.007	2.67
49	MP4C	X	-4.902	.75
50	MP4C	Z	-8.49	.75
51	MP4C	Mx	-.01	.75
52	MP4C	X	-4.902	2.67
53	MP4C	Z	-8.49	2.67
54	MP4C	Mx	-.01	2.67
55	MP1A	X	-4.27	3.2
56	MP1A	Z	-7.396	3.2
57	MP1A	Mx	-.004	3.2
58	MP1A	X	-4.27	3.2
59	MP1A	Z	-7.396	3.2
60	MP1A	Mx	-.004	3.2
61	MP1B	X	-4.448	3.2
62	MP1B	Z	-7.704	3.2
63	MP1B	Mx	-.003	3.2
64	MP1B	X	-4.448	3.2
65	MP1B	Z	-7.704	3.2
66	MP1B	Mx	-.003	3.2
67	MP1C	X	-3.308	3.2
68	MP1C	Z	-5.729	3.2
69	MP1C	Mx	.007	3.2
70	MP1C	X	-3.308	3.2
71	MP1C	Z	-5.729	3.2
72	MP1C	Mx	.007	3.2
73	MP3A	X	-4.143	3.8
74	MP3A	Z	-7.176	3.8
75	MP3A	Mx	-.004	3.8
76	MP3A	X	-4.143	3.8
77	MP3A	Z	-7.176	3.8
78	MP3A	Mx	-.004	3.8
79	MP3B	X	-4.388	3.8
80	MP3B	Z	-7.601	3.8
81	MP3B	Mx	-.003	3.8
82	MP3B	X	-4.388	3.8
83	MP3B	Z	-7.601	3.8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3B	Mx	-.003	3.8
85	MP3C	X	-2.815	3.8
86	MP3C	Z	-4.876	3.8
87	MP3C	Mx	.006	3.8
88	MP3C	X	-2.815	3.8
89	MP3C	Z	-4.876	3.8
90	MP3C	Mx	.006	3.8
91	A26	X	-8.74	1.75
92	A26	Z	-15.138	1.75
93	A26	Mx	0	1.75
94	A26	X	-8.74	1.75
95	A26	Z	-15.138	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-13.361	.23
98	MP1B	Z	-23.142	.23
99	MP1B	Mx	.012	.23
100	MP1B	X	-13.361	3.18
101	MP1B	Z	-23.142	3.18
102	MP1B	Mx	.012	3.18
103	MP1C	X	-12.147	.23
104	MP1C	Z	-21.039	.23
105	MP1C	Mx	-.032	.23
106	MP1C	X	-12.147	3.18
107	MP1C	Z	-21.039	3.18
108	MP1C	Mx	-.032	3.18
109	MP5B	X	-13.361	.23
110	MP5B	Z	-23.142	.23
111	MP5B	Mx	.012	.23
112	MP5B	X	-13.361	3.18
113	MP5B	Z	-23.142	3.18
114	MP5B	Mx	.012	3.18
115	MP5C	X	-12.147	.23
116	MP5C	Z	-21.039	.23
117	MP5C	Mx	-.032	.23
118	MP5C	X	-12.147	3.18
119	MP5C	Z	-21.039	3.18
120	MP5C	Mx	-.032	3.18
121	MP1A	X	-9.149	.23
122	MP1A	Z	-15.847	.23
123	MP1A	Mx	.012	.23
124	MP1A	X	-9.149	3.18
125	MP1A	Z	-15.847	3.18
126	MP1A	Mx	.012	3.18
127	MP5A	X	-9.149	.23
128	MP5A	Z	-15.847	.23
129	MP5A	Mx	.012	.23
130	MP5A	X	-9.149	3.18
131	MP5A	Z	-15.847	3.18
132	MP5A	Mx	.012	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.88
2	MP2A	Z	-10.946	.88
3	MP2A	Mx	.006	.88
4	MP2A	X	0	5.54

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	-10.946	5.54
6	MP2A	Mx	.006	5.54
7	MP2B	X	0	.88
8	MP2B	Z	-8.769	.88
9	MP2B	Mx	.003	.88
10	MP2B	X	0	5.54
11	MP2B	Z	-8.769	5.54
12	MP2B	Mx	.003	5.54
13	MP2C	X	0	.88
14	MP2C	Z	-7.671	.88
15	MP2C	Mx	-.009	.88
16	MP2C	X	0	5.54
17	MP2C	Z	-7.671	5.54
18	MP2C	Mx	-.009	5.54
19	MP2A	X	0	.88
20	MP2A	Z	-10.946	.88
21	MP2A	Mx	-.006	.88
22	MP2A	X	0	5.54
23	MP2A	Z	-10.946	5.54
24	MP2A	Mx	-.006	5.54
25	MP2B	X	0	.88
26	MP2B	Z	-8.769	.88
27	MP2B	Mx	.01	.88
28	MP2B	X	0	5.54
29	MP2B	Z	-8.769	5.54
30	MP2B	Mx	.01	5.54
31	MP2C	X	0	.88
32	MP2C	Z	-7.671	.88
33	MP2C	Mx	-.006	.88
34	MP2C	X	0	5.54
35	MP2C	Z	-7.671	5.54
36	MP2C	Mx	-.006	5.54
37	MP4A	X	0	.75
38	MP4A	Z	-6.367	.75
39	MP4A	Mx	0	.75
40	MP4A	X	0	2.67
41	MP4A	Z	-6.367	2.67
42	MP4A	Mx	0	2.67
43	MP4B	X	0	.75
44	MP4B	Z	-4.094	.75
45	MP4B	Mx	.003	.75
46	MP4B	X	0	2.67
47	MP4B	Z	-4.094	2.67
48	MP4B	Mx	.003	2.67
49	MP4C	X	0	.75
50	MP4C	Z	-2.946	.75
51	MP4C	Mx	-.003	.75
52	MP4C	X	0	2.67
53	MP4C	Z	-2.946	2.67
54	MP4C	Mx	-.003	2.67
55	MP1A	X	0	3.2
56	MP1A	Z	-2.533	3.2
57	MP1A	Mx	0	3.2
58	MP1A	X	0	3.2
59	MP1A	Z	-2.533	3.2
60	MP1A	Mx	0	3.2
61	MP1B	X	0	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP1B	Z	-2.041	3.2
63	MP1B	Mx	-.002	3.2
64	MP1B	X	0	3.2
65	MP1B	Z	-2.041	3.2
66	MP1B	Mx	-.002	3.2
67	MP1C	X	0	3.2
68	MP1C	Z	-1.792	3.2
69	MP1C	Mx	.002	3.2
70	MP1C	X	0	3.2
71	MP1C	Z	-1.792	3.2
72	MP1C	Mx	.002	3.2
73	MP3A	X	0	3.8
74	MP3A	Z	-2.533	3.8
75	MP3A	Mx	0	3.8
76	MP3A	X	0	3.8
77	MP3A	Z	-2.533	3.8
78	MP3A	Mx	0	3.8
79	MP3B	X	0	3.8
80	MP3B	Z	-1.852	3.8
81	MP3B	Mx	-.001	3.8
82	MP3B	X	0	3.8
83	MP3B	Z	-1.852	3.8
84	MP3B	Mx	-.001	3.8
85	MP3C	X	0	3.8
86	MP3C	Z	-1.508	3.8
87	MP3C	Mx	.001	3.8
88	MP3C	X	0	3.8
89	MP3C	Z	-1.508	3.8
90	MP3C	Mx	.001	3.8
91	A26	X	0	1.75
92	A26	Z	-5.5	1.75
93	A26	Mx	0	1.75
94	A26	X	0	1.75
95	A26	Z	-5.5	1.75
96	A26	Mx	0	1.75
97	MP1B	X	0	.23
98	MP1B	Z	-7.755	.23
99	MP1B	Mx	.008	.23
100	MP1B	X	0	3.18
101	MP1B	Z	-7.755	3.18
102	MP1B	Mx	.008	3.18
103	MP1C	X	0	.23
104	MP1C	Z	-7.464	.23
105	MP1C	Mx	-.009	.23
106	MP1C	X	0	3.18
107	MP1C	Z	-7.464	3.18
108	MP1C	Mx	-.009	3.18
109	MP5B	X	0	.23
110	MP5B	Z	-7.755	.23
111	MP5B	Mx	.008	.23
112	MP5B	X	0	3.18
113	MP5B	Z	-7.755	3.18
114	MP5B	Mx	.008	3.18
115	MP5C	X	0	.23
116	MP5C	Z	-7.464	.23
117	MP5C	Mx	-.009	.23
118	MP5C	X	0	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP5C	Z	-7.464	3.18
120	MP5C	Mx	-.009	3.18
121	MP1A	X	0	.23
122	MP1A	Z	-5.487	.23
123	MP1A	Mx	0	.23
124	MP1A	X	0	3.18
125	MP1A	Z	-5.487	3.18
126	MP1A	Mx	0	3.18
127	MP5A	X	0	.23
128	MP5A	Z	-5.487	.23
129	MP5A	Mx	0	.23
130	MP5A	X	0	3.18
131	MP5A	Z	-5.487	3.18
132	MP5A	Mx	0	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.01	.88
2	MP2A	Z	-8.677	.88
3	MP2A	Mx	5.2e-5	.88
4	MP2A	X	5.01	5.54
5	MP2A	Z	-8.677	5.54
6	MP2A	Mx	5.2e-5	5.54
7	MP2B	X	3.674	.88
8	MP2B	Z	-6.364	.88
9	MP2B	Mx	.006	.88
10	MP2B	X	3.674	5.54
11	MP2B	Z	-6.364	5.54
12	MP2B	Mx	.006	5.54
13	MP2C	X	4.707	.88
14	MP2C	Z	-8.153	.88
15	MP2C	Mx	-.01	.88
16	MP2C	X	4.707	5.54
17	MP2C	Z	-8.153	5.54
18	MP2C	Mx	-.01	5.54
19	MP2A	X	5.01	.88
20	MP2A	Z	-8.677	.88
21	MP2A	Mx	-.01	.88
22	MP2A	X	5.01	5.54
23	MP2A	Z	-8.677	5.54
24	MP2A	Mx	-.01	5.54
25	MP2B	X	3.674	.88
26	MP2B	Z	-6.364	.88
27	MP2B	Mx	.008	.88
28	MP2B	X	3.674	5.54
29	MP2B	Z	-6.364	5.54
30	MP2B	Mx	.008	5.54
31	MP2C	X	4.707	.88
32	MP2C	Z	-8.153	.88
33	MP2C	Mx	-.002	.88
34	MP2C	X	4.707	5.54
35	MP2C	Z	-8.153	5.54
36	MP2C	Mx	-.002	5.54
37	MP4A	X	2.699	.75
38	MP4A	Z	-4.675	.75
39	MP4A	Mx	-.003	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP4A	X	2.699	2.67
41	MP4A	Z	-4.675	2.67
42	MP4A	Mx	-.003	2.67
43	MP4B	X	1.305	.75
44	MP4B	Z	-2.26	.75
45	MP4B	Mx	.003	.75
46	MP4B	X	1.305	2.67
47	MP4B	Z	-2.26	2.67
48	MP4B	Mx	.003	2.67
49	MP4C	X	2.383	.75
50	MP4C	Z	-4.128	.75
51	MP4C	Mx	-.003	.75
52	MP4C	X	2.383	2.67
53	MP4C	Z	-4.128	2.67
54	MP4C	Mx	-.003	2.67
55	MP1A	X	1.162	3.2
56	MP1A	Z	-2.012	3.2
57	MP1A	Mx	.001	3.2
58	MP1A	X	1.162	3.2
59	MP1A	Z	-2.012	3.2
60	MP1A	Mx	.001	3.2
61	MP1B	X	.859	3.2
62	MP1B	Z	-1.489	3.2
63	MP1B	Mx	-.002	3.2
64	MP1B	X	.859	3.2
65	MP1B	Z	-1.489	3.2
66	MP1B	Mx	-.002	3.2
67	MP1C	X	1.093	3.2
68	MP1C	Z	-1.893	3.2
69	MP1C	Mx	.001	3.2
70	MP1C	X	1.093	3.2
71	MP1C	Z	-1.893	3.2
72	MP1C	Mx	.001	3.2
73	MP3A	X	1.121	3.8
74	MP3A	Z	-1.942	3.8
75	MP3A	Mx	.001	3.8
76	MP3A	X	1.121	3.8
77	MP3A	Z	-1.942	3.8
78	MP3A	Mx	.001	3.8
79	MP3B	X	.703	3.8
80	MP3B	Z	-1.218	3.8
81	MP3B	Mx	-.001	3.8
82	MP3B	X	.703	3.8
83	MP3B	Z	-1.218	3.8
84	MP3B	Mx	-.001	3.8
85	MP3C	X	1.027	3.8
86	MP3C	Z	-1.778	3.8
87	MP3C	Mx	.001	3.8
88	MP3C	X	1.027	3.8
89	MP3C	Z	-1.778	3.8
90	MP3C	Mx	.001	3.8
91	A26	X	2.587	1.75
92	A26	Z	-4.481	1.75
93	A26	Mx	0	1.75
94	A26	X	2.587	1.75
95	A26	Z	-4.481	1.75
96	A26	Mx	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP1B	X	3.689	.23
98	MP1B	Z	-6.39	.23
99	MP1B	Mx	.01	.23
100	MP1B	X	3.689	3.18
101	MP1B	Z	-6.39	3.18
102	MP1B	Mx	.01	3.18
103	MP1C	X	3.963	.23
104	MP1C	Z	-6.864	.23
105	MP1C	Mx	-.007	.23
106	MP1C	X	3.963	3.18
107	MP1C	Z	-6.864	3.18
108	MP1C	Mx	-.007	3.18
109	MP5B	X	3.689	.23
110	MP5B	Z	-6.39	.23
111	MP5B	Mx	.01	.23
112	MP5B	X	3.689	3.18
113	MP5B	Z	-6.39	3.18
114	MP5B	Mx	.01	3.18
115	MP5C	X	3.963	.23
116	MP5C	Z	-6.864	.23
117	MP5C	Mx	-.007	.23
118	MP5C	X	3.963	3.18
119	MP5C	Z	-6.864	3.18
120	MP5C	Mx	-.007	3.18
121	MP1A	X	2.67	.23
122	MP1A	Z	-4.624	.23
123	MP1A	Mx	-.004	.23
124	MP1A	X	2.67	3.18
125	MP1A	Z	-4.624	3.18
126	MP1A	Mx	-.004	3.18
127	MP5A	X	2.67	.23
128	MP5A	Z	-4.624	.23
129	MP5A	Mx	-.004	.23
130	MP5A	X	2.67	3.18
131	MP5A	Z	-4.624	3.18
132	MP5A	Mx	-.004	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.07	.88
2	MP2A	Z	-4.082	.88
3	MP2A	Mx	-.005	.88
4	MP2A	X	7.07	5.54
5	MP2A	Z	-4.082	5.54
6	MP2A	Mx	-.005	5.54
7	MP2B	X	6.643	.88
8	MP2B	Z	-3.835	.88
9	MP2B	Mx	.009	.88
10	MP2B	X	6.643	5.54
11	MP2B	Z	-3.835	5.54
12	MP2B	Mx	.009	5.54
13	MP2C	X	9.383	.88
14	MP2C	Z	-5.417	.88
15	MP2C	Mx	-.008	.88
16	MP2C	X	9.383	5.54
17	MP2C	Z	-5.417	5.54

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	-.008	5.54
19	MP2A	X	7.07	.88
20	MP2A	Z	-4.082	.88
21	MP2A	Mx	-.009	.88
22	MP2A	X	7.07	5.54
23	MP2A	Z	-4.082	5.54
24	MP2A	Mx	-.009	5.54
25	MP2B	X	6.643	.88
26	MP2B	Z	-3.835	.88
27	MP2B	Mx	.006	.88
28	MP2B	X	6.643	5.54
29	MP2B	Z	-3.835	5.54
30	MP2B	Mx	.006	5.54
31	MP2C	X	9.383	.88
32	MP2C	Z	-5.417	.88
33	MP2C	Mx	.004	.88
34	MP2C	X	9.383	5.54
35	MP2C	Z	-5.417	5.54
36	MP2C	Mx	.004	5.54
37	MP4A	X	2.998	.75
38	MP4A	Z	-1.731	.75
39	MP4A	Mx	-.003	.75
40	MP4A	X	2.998	2.67
41	MP4A	Z	-1.731	2.67
42	MP4A	Mx	-.003	2.67
43	MP4B	X	2.551	.75
44	MP4B	Z	-1.473	.75
45	MP4B	Mx	.003	.75
46	MP4B	X	2.551	2.67
47	MP4B	Z	-1.473	2.67
48	MP4B	Mx	.003	2.67
49	MP4C	X	5.413	.75
50	MP4C	Z	-3.125	.75
51	MP4C	Mx	-.001	.75
52	MP4C	X	5.413	2.67
53	MP4C	Z	-3.125	2.67
54	MP4C	Mx	-.001	2.67
55	MP1A	X	1.648	3.2
56	MP1A	Z	-.952	3.2
57	MP1A	Mx	.002	3.2
58	MP1A	X	1.648	3.2
59	MP1A	Z	-.952	3.2
60	MP1A	Mx	.002	3.2
61	MP1B	X	1.552	3.2
62	MP1B	Z	-.896	3.2
63	MP1B	Mx	-.002	3.2
64	MP1B	X	1.552	3.2
65	MP1B	Z	-.896	3.2
66	MP1B	Mx	-.002	3.2
67	MP1C	X	2.172	3.2
68	MP1C	Z	-1.254	3.2
69	MP1C	Mx	.000436	3.2
70	MP1C	X	2.172	3.2
71	MP1C	Z	-1.254	3.2
72	MP1C	Mx	.000436	3.2
73	MP3A	X	1.439	3.8
74	MP3A	Z	-.831	3.8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3A	Mx	.001	3.8
76	MP3A	X	1.439	3.8
77	MP3A	Z	-.831	3.8
78	MP3A	Mx	.001	3.8
79	MP3B	X	1.306	3.8
80	MP3B	Z	-.754	3.8
81	MP3B	Mx	-.001	3.8
82	MP3B	X	1.306	3.8
83	MP3B	Z	-.754	3.8
84	MP3B	Mx	-.001	3.8
85	MP3C	X	2.164	3.8
86	MP3C	Z	-1.249	3.8
87	MP3C	Mx	.000434	3.8
88	MP3C	X	2.164	3.8
89	MP3C	Z	-1.249	3.8
90	MP3C	Mx	.000434	3.8
91	A26	X	3.916	1.75
92	A26	Z	-2.261	1.75
93	A26	Mx	0	1.75
94	A26	X	3.916	1.75
95	A26	Z	-2.261	1.75
96	A26	Mx	0	1.75
97	MP1B	X	6.464	.23
98	MP1B	Z	-3.732	.23
99	MP1B	Mx	.009	.23
100	MP1B	X	6.464	3.18
101	MP1B	Z	-3.732	3.18
102	MP1B	Mx	.009	3.18
103	MP1C	X	7.19	.23
104	MP1C	Z	-4.151	.23
105	MP1C	Mx	-.002	.23
106	MP1C	X	7.19	3.18
107	MP1C	Z	-4.151	3.18
108	MP1C	Mx	-.002	3.18
109	MP5B	X	6.464	.23
110	MP5B	Z	-3.732	.23
111	MP5B	Mx	.009	.23
112	MP5B	X	6.464	3.18
113	MP5B	Z	-3.732	3.18
114	MP5B	Mx	.009	3.18
115	MP5C	X	7.19	.23
116	MP5C	Z	-4.151	.23
117	MP5C	Mx	-.002	.23
118	MP5C	X	7.19	3.18
119	MP5C	Z	-4.151	3.18
120	MP5C	Mx	-.002	3.18
121	MP1A	X	4.369	.23
122	MP1A	Z	-2.522	.23
123	MP1A	Mx	-.006	.23
124	MP1A	X	4.369	3.18
125	MP1A	Z	-2.522	3.18
126	MP1A	Mx	-.006	3.18
127	MP5A	X	4.369	.23
128	MP5A	Z	-2.522	.23
129	MP5A	Mx	-.006	.23
130	MP5A	X	4.369	3.18
131	MP5A	Z	-2.522	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
132	MP5A	Mx	-.006	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.237	.88
2	MP2A	Z	0	.88
3	MP2A	Mx	-.007	.88
4	MP2A	X	7.237	5.54
5	MP2A	Z	0	5.54
6	MP2A	Mx	-.007	5.54
7	MP2B	X	9.414	.88
8	MP2B	Z	0	.88
9	MP2B	Mx	.01	.88
10	MP2B	X	9.414	5.54
11	MP2B	Z	0	5.54
12	MP2B	Mx	.01	5.54
13	MP2C	X	10.513	.88
14	MP2C	Z	0	.88
15	MP2C	Mx	-.002	.88
16	MP2C	X	10.513	5.54
17	MP2C	Z	0	5.54
18	MP2C	Mx	-.002	5.54
19	MP2A	X	7.237	.88
20	MP2A	Z	0	.88
21	MP2A	Mx	-.007	.88
22	MP2A	X	7.237	5.54
23	MP2A	Z	0	5.54
24	MP2A	Mx	-.007	5.54
25	MP2B	X	9.414	.88
26	MP2B	Z	0	.88
27	MP2B	Mx	.002	.88
28	MP2B	X	9.414	5.54
29	MP2B	Z	0	5.54
30	MP2B	Mx	.002	5.54
31	MP2C	X	10.513	.88
32	MP2C	Z	0	.88
33	MP2C	Mx	.009	.88
34	MP2C	X	10.513	5.54
35	MP2C	Z	0	5.54
36	MP2C	Mx	.009	5.54
37	MP4A	X	2.493	.75
38	MP4A	Z	0	.75
39	MP4A	Mx	-.002	.75
40	MP4A	X	2.493	2.67
41	MP4A	Z	0	2.67
42	MP4A	Mx	-.002	2.67
43	MP4B	X	4.767	.75
44	MP4B	Z	0	.75
45	MP4B	Mx	.003	.75
46	MP4B	X	4.767	2.67
47	MP4B	Z	0	2.67
48	MP4B	Mx	.003	2.67
49	MP4C	X	5.914	.75
50	MP4C	Z	0	.75
51	MP4C	Mx	.002	.75
52	MP4C	X	5.914	2.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP4C	Z	0	2.67
54	MP4C	Mx	.002	2.67
55	MP1A	X	1.693	3.2
56	MP1A	Z	0	3.2
57	MP1A	Mx	.002	3.2
58	MP1A	X	1.693	3.2
59	MP1A	Z	0	3.2
60	MP1A	Mx	.002	3.2
61	MP1B	X	2.186	3.2
62	MP1B	Z	0	3.2
63	MP1B	Mx	-.001	3.2
64	MP1B	X	2.186	3.2
65	MP1B	Z	0	3.2
66	MP1B	Mx	-.001	3.2
67	MP1C	X	2.435	3.2
68	MP1C	Z	0	3.2
69	MP1C	Mx	-.000833	3.2
70	MP1C	X	2.435	3.2
71	MP1C	Z	0	3.2
72	MP1C	Mx	-.000833	3.2
73	MP3A	X	1.372	3.8
74	MP3A	Z	0	3.8
75	MP3A	Mx	.001	3.8
76	MP3A	X	1.372	3.8
77	MP3A	Z	0	3.8
78	MP3A	Mx	.001	3.8
79	MP3B	X	2.053	3.8
80	MP3B	Z	0	3.8
81	MP3B	Mx	-.001	3.8
82	MP3B	X	2.053	3.8
83	MP3B	Z	0	3.8
84	MP3B	Mx	-.001	3.8
85	MP3C	X	2.398	3.8
86	MP3C	Z	0	3.8
87	MP3C	Mx	-.00082	3.8
88	MP3C	X	2.398	3.8
89	MP3C	Z	0	3.8
90	MP3C	Mx	-.00082	3.8
91	A26	X	4.196	1.75
92	A26	Z	0	1.75
93	A26	Mx	0	1.75
94	A26	X	4.196	1.75
95	A26	Z	0	1.75
96	A26	Mx	0	1.75
97	MP1B	X	7.926	.23
98	MP1B	Z	0	.23
99	MP1B	Mx	.007	.23
100	MP1B	X	7.926	3.18
101	MP1B	Z	0	3.18
102	MP1B	Mx	.007	3.18
103	MP1C	X	8.217	.23
104	MP1C	Z	0	.23
105	MP1C	Mx	.004	.23
106	MP1C	X	8.217	3.18
107	MP1C	Z	0	3.18
108	MP1C	Mx	.004	3.18
109	MP5B	X	7.926	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP5B	Z	0	.23
111	MP5B	Mx	.007	.23
112	MP5B	X	7.926	3.18
113	MP5B	Z	0	3.18
114	MP5B	Mx	.007	3.18
115	MP5C	X	8.217	.23
116	MP5C	Z	0	.23
117	MP5C	Mx	.004	.23
118	MP5C	X	8.217	3.18
119	MP5C	Z	0	3.18
120	MP5C	Mx	.004	3.18
121	MP1A	X	4.897	.23
122	MP1A	Z	0	.23
123	MP1A	Mx	-.007	.23
124	MP1A	X	4.897	3.18
125	MP1A	Z	0	3.18
126	MP1A	Mx	-.007	3.18
127	MP5A	X	4.897	.23
128	MP5A	Z	0	.23
129	MP5A	Mx	-.007	.23
130	MP5A	X	4.897	3.18
131	MP5A	Z	0	3.18
132	MP5A	Mx	-.007	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.07	.88
2	MP2A	Z	4.082	.88
3	MP2A	Mx	-.009	.88
4	MP2A	X	7.07	5.54
5	MP2A	Z	4.082	5.54
6	MP2A	Mx	-.009	5.54
7	MP2B	X	9.383	.88
8	MP2B	Z	5.417	.88
9	MP2B	Mx	.008	.88
10	MP2B	X	9.383	5.54
11	MP2B	Z	5.417	5.54
12	MP2B	Mx	.008	5.54
13	MP2C	X	7.595	.88
14	MP2C	Z	4.385	.88
15	MP2C	Mx	.003	.88
16	MP2C	X	7.595	5.54
17	MP2C	Z	4.385	5.54
18	MP2C	Mx	.003	5.54
19	MP2A	X	7.07	.88
20	MP2A	Z	4.082	.88
21	MP2A	Mx	-.005	.88
22	MP2A	X	7.07	5.54
23	MP2A	Z	4.082	5.54
24	MP2A	Mx	-.005	5.54
25	MP2B	X	9.383	.88
26	MP2B	Z	5.417	.88
27	MP2B	Mx	-.004	.88
28	MP2B	X	9.383	5.54
29	MP2B	Z	5.417	5.54
30	MP2B	Mx	-.004	5.54

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	7.595	.88
32	MP2C	Z	4.385	.88
33	MP2C	Mx	.01	.88
34	MP2C	X	7.595	5.54
35	MP2C	Z	4.385	5.54
36	MP2C	Mx	.01	5.54
37	MP4A	X	2.998	.75
38	MP4A	Z	1.731	.75
39	MP4A	Mx	-.003	.75
40	MP4A	X	2.998	2.67
41	MP4A	Z	1.731	2.67
42	MP4A	Mx	-.003	2.67
43	MP4B	X	5.413	.75
44	MP4B	Z	3.125	.75
45	MP4B	Mx	.001	.75
46	MP4B	X	5.413	2.67
47	MP4B	Z	3.125	2.67
48	MP4B	Mx	.001	2.67
49	MP4C	X	3.545	.75
50	MP4C	Z	2.047	.75
51	MP4C	Mx	.003	.75
52	MP4C	X	3.545	2.67
53	MP4C	Z	2.047	2.67
54	MP4C	Mx	.003	2.67
55	MP1A	X	1.648	3.2
56	MP1A	Z	.952	3.2
57	MP1A	Mx	.002	3.2
58	MP1A	X	1.648	3.2
59	MP1A	Z	.952	3.2
60	MP1A	Mx	.002	3.2
61	MP1B	X	2.172	3.2
62	MP1B	Z	1.254	3.2
63	MP1B	Mx	-.000436	3.2
64	MP1B	X	2.172	3.2
65	MP1B	Z	1.254	3.2
66	MP1B	Mx	-.000436	3.2
67	MP1C	X	1.767	3.2
68	MP1C	Z	1.02	3.2
69	MP1C	Mx	-.002	3.2
70	MP1C	X	1.767	3.2
71	MP1C	Z	1.02	3.2
72	MP1C	Mx	-.002	3.2
73	MP3A	X	1.439	3.8
74	MP3A	Z	.831	3.8
75	MP3A	Mx	.001	3.8
76	MP3A	X	1.439	3.8
77	MP3A	Z	.831	3.8
78	MP3A	Mx	.001	3.8
79	MP3B	X	2.164	3.8
80	MP3B	Z	1.249	3.8
81	MP3B	Mx	-.000434	3.8
82	MP3B	X	2.164	3.8
83	MP3B	Z	1.249	3.8
84	MP3B	Mx	-.000434	3.8
85	MP3C	X	1.604	3.8
86	MP3C	Z	.926	3.8
87	MP3C	Mx	-.001	3.8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3C	X	1.604	3.8
89	MP3C	Z	.926	3.8
90	MP3C	Mx	-.001	3.8
91	A26	X	3.916	1.75
92	A26	Z	2.261	1.75
93	A26	Mx	0	1.75
94	A26	X	3.916	1.75
95	A26	Z	2.261	1.75
96	A26	Mx	0	1.75
97	MP1B	X	7.19	.23
98	MP1B	Z	4.151	.23
99	MP1B	Mx	.002	.23
100	MP1B	X	7.19	3.18
101	MP1B	Z	4.151	3.18
102	MP1B	Mx	.002	3.18
103	MP1C	X	6.716	.23
104	MP1C	Z	3.878	.23
105	MP1C	Mx	.008	.23
106	MP1C	X	6.716	3.18
107	MP1C	Z	3.878	3.18
108	MP1C	Mx	.008	3.18
109	MP5B	X	7.19	.23
110	MP5B	Z	4.151	.23
111	MP5B	Mx	.002	.23
112	MP5B	X	7.19	3.18
113	MP5B	Z	4.151	3.18
114	MP5B	Mx	.002	3.18
115	MP5C	X	6.716	.23
116	MP5C	Z	3.878	.23
117	MP5C	Mx	.008	.23
118	MP5C	X	6.716	3.18
119	MP5C	Z	3.878	3.18
120	MP5C	Mx	.008	3.18
121	MP1A	X	4.369	.23
122	MP1A	Z	2.522	.23
123	MP1A	Mx	-.006	.23
124	MP1A	X	4.369	3.18
125	MP1A	Z	2.522	3.18
126	MP1A	Mx	-.006	3.18
127	MP5A	X	4.369	.23
128	MP5A	Z	2.522	.23
129	MP5A	Mx	-.006	.23
130	MP5A	X	4.369	3.18
131	MP5A	Z	2.522	3.18
132	MP5A	Mx	-.006	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.01	.88
2	MP2A	Z	8.677	.88
3	MP2A	Mx	-.01	.88
4	MP2A	X	5.01	5.54
5	MP2A	Z	8.677	5.54
6	MP2A	Mx	-.01	5.54
7	MP2B	X	5.256	.88
8	MP2B	Z	9.104	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.002	.88
10	MP2B	X	5.256	5.54
11	MP2B	Z	9.104	5.54
12	MP2B	Mx	.002	5.54
13	MP2C	X	3.674	.88
14	MP2C	Z	6.364	.88
15	MP2C	Mx	.006	.88
16	MP2C	X	3.674	5.54
17	MP2C	Z	6.364	5.54
18	MP2C	Mx	.006	5.54
19	MP2A	X	5.01	.88
20	MP2A	Z	8.677	.88
21	MP2A	Mx	5.2e-5	.88
22	MP2A	X	5.01	5.54
23	MP2A	Z	8.677	5.54
24	MP2A	Mx	5.2e-5	5.54
25	MP2B	X	5.256	.88
26	MP2B	Z	9.104	.88
27	MP2B	Mx	-.009	.88
28	MP2B	X	5.256	5.54
29	MP2B	Z	9.104	5.54
30	MP2B	Mx	-.009	5.54
31	MP2C	X	3.674	.88
32	MP2C	Z	6.364	.88
33	MP2C	Mx	.008	.88
34	MP2C	X	3.674	5.54
35	MP2C	Z	6.364	5.54
36	MP2C	Mx	.008	5.54
37	MP4A	X	2.699	.75
38	MP4A	Z	4.675	.75
39	MP4A	Mx	-.003	.75
40	MP4A	X	2.699	2.67
41	MP4A	Z	4.675	2.67
42	MP4A	Mx	-.003	2.67
43	MP4B	X	2.957	.75
44	MP4B	Z	5.122	.75
45	MP4B	Mx	-.002	.75
46	MP4B	X	2.957	2.67
47	MP4B	Z	5.122	2.67
48	MP4B	Mx	-.002	2.67
49	MP4C	X	1.305	.75
50	MP4C	Z	2.26	.75
51	MP4C	Mx	.003	.75
52	MP4C	X	1.305	2.67
53	MP4C	Z	2.26	2.67
54	MP4C	Mx	.003	2.67
55	MP1A	X	1.162	3.2
56	MP1A	Z	2.012	3.2
57	MP1A	Mx	.001	3.2
58	MP1A	X	1.162	3.2
59	MP1A	Z	2.012	3.2
60	MP1A	Mx	.001	3.2
61	MP1B	X	1.218	3.2
62	MP1B	Z	2.109	3.2
63	MP1B	Mx	.000833	3.2
64	MP1B	X	1.218	3.2
65	MP1B	Z	2.109	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP1B	Mx	.000833	3.2
67	MP1C	X	.859	3.2
68	MP1C	Z	1.489	3.2
69	MP1C	Mx	-.002	3.2
70	MP1C	X	.859	3.2
71	MP1C	Z	1.489	3.2
72	MP1C	Mx	-.002	3.2
73	MP3A	X	1.121	3.8
74	MP3A	Z	1.942	3.8
75	MP3A	Mx	.001	3.8
76	MP3A	X	1.121	3.8
77	MP3A	Z	1.942	3.8
78	MP3A	Mx	.001	3.8
79	MP3B	X	1.199	3.8
80	MP3B	Z	2.076	3.8
81	MP3B	Mx	.00082	3.8
82	MP3B	X	1.199	3.8
83	MP3B	Z	2.076	3.8
84	MP3B	Mx	.00082	3.8
85	MP3C	X	.703	3.8
86	MP3C	Z	1.218	3.8
87	MP3C	Mx	-.001	3.8
88	MP3C	X	.703	3.8
89	MP3C	Z	1.218	3.8
90	MP3C	Mx	-.001	3.8
91	A26	X	2.587	1.75
92	A26	Z	4.481	1.75
93	A26	Mx	0	1.75
94	A26	X	2.587	1.75
95	A26	Z	4.481	1.75
96	A26	Mx	0	1.75
97	MP1B	X	4.108	.23
98	MP1B	Z	7.116	.23
99	MP1B	Mx	-.004	.23
100	MP1B	X	4.108	3.18
101	MP1B	Z	7.116	3.18
102	MP1B	Mx	-.004	3.18
103	MP1C	X	3.689	.23
104	MP1C	Z	6.39	.23
105	MP1C	Mx	.01	.23
106	MP1C	X	3.689	3.18
107	MP1C	Z	6.39	3.18
108	MP1C	Mx	.01	3.18
109	MP5B	X	4.108	.23
110	MP5B	Z	7.116	.23
111	MP5B	Mx	-.004	.23
112	MP5B	X	4.108	3.18
113	MP5B	Z	7.116	3.18
114	MP5B	Mx	-.004	3.18
115	MP5C	X	3.689	.23
116	MP5C	Z	6.39	.23
117	MP5C	Mx	.01	.23
118	MP5C	X	3.689	3.18
119	MP5C	Z	6.39	3.18
120	MP5C	Mx	.01	3.18
121	MP1A	X	2.67	.23
122	MP1A	Z	4.624	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
123	MP1A	Mx	-.004	.23
124	MP1A	X	2.67	3.18
125	MP1A	Z	4.624	3.18
126	MP1A	Mx	-.004	3.18
127	MP5A	X	2.67	.23
128	MP5A	Z	4.624	.23
129	MP5A	Mx	-.004	.23
130	MP5A	X	2.67	3.18
131	MP5A	Z	4.624	3.18
132	MP5A	Mx	-.004	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.88
2	MP2A	Z	10.946	.88
3	MP2A	Mx	-.006	.88
4	MP2A	X	0	5.54
5	MP2A	Z	10.946	5.54
6	MP2A	Mx	-.006	5.54
7	MP2B	X	0	.88
8	MP2B	Z	8.769	.88
9	MP2B	Mx	-.003	.88
10	MP2B	X	0	5.54
11	MP2B	Z	8.769	5.54
12	MP2B	Mx	-.003	5.54
13	MP2C	X	0	.88
14	MP2C	Z	7.671	.88
15	MP2C	Mx	.009	.88
16	MP2C	X	0	5.54
17	MP2C	Z	7.671	5.54
18	MP2C	Mx	.009	5.54
19	MP2A	X	0	.88
20	MP2A	Z	10.946	.88
21	MP2A	Mx	.006	.88
22	MP2A	X	0	5.54
23	MP2A	Z	10.946	5.54
24	MP2A	Mx	.006	5.54
25	MP2B	X	0	.88
26	MP2B	Z	8.769	.88
27	MP2B	Mx	-.01	.88
28	MP2B	X	0	5.54
29	MP2B	Z	8.769	5.54
30	MP2B	Mx	-.01	5.54
31	MP2C	X	0	.88
32	MP2C	Z	7.671	.88
33	MP2C	Mx	.006	.88
34	MP2C	X	0	5.54
35	MP2C	Z	7.671	5.54
36	MP2C	Mx	.006	5.54
37	MP4A	X	0	.75
38	MP4A	Z	6.367	.75
39	MP4A	Mx	0	.75
40	MP4A	X	0	2.67
41	MP4A	Z	6.367	2.67
42	MP4A	Mx	0	2.67
43	MP4B	X	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP4B	Z	4.094	.75
45	MP4B	Mx	-.003	.75
46	MP4B	X	0	2.67
47	MP4B	Z	4.094	2.67
48	MP4B	Mx	-.003	2.67
49	MP4C	X	0	.75
50	MP4C	Z	2.946	.75
51	MP4C	Mx	.003	.75
52	MP4C	X	0	2.67
53	MP4C	Z	2.946	2.67
54	MP4C	Mx	.003	2.67
55	MP1A	X	0	3.2
56	MP1A	Z	2.533	3.2
57	MP1A	Mx	0	3.2
58	MP1A	X	0	3.2
59	MP1A	Z	2.533	3.2
60	MP1A	Mx	0	3.2
61	MP1B	X	0	3.2
62	MP1B	Z	2.041	3.2
63	MP1B	Mx	.002	3.2
64	MP1B	X	0	3.2
65	MP1B	Z	2.041	3.2
66	MP1B	Mx	.002	3.2
67	MP1C	X	0	3.2
68	MP1C	Z	1.792	3.2
69	MP1C	Mx	-.002	3.2
70	MP1C	X	0	3.2
71	MP1C	Z	1.792	3.2
72	MP1C	Mx	-.002	3.2
73	MP3A	X	0	3.8
74	MP3A	Z	2.533	3.8
75	MP3A	Mx	0	3.8
76	MP3A	X	0	3.8
77	MP3A	Z	2.533	3.8
78	MP3A	Mx	0	3.8
79	MP3B	X	0	3.8
80	MP3B	Z	1.852	3.8
81	MP3B	Mx	.001	3.8
82	MP3B	X	0	3.8
83	MP3B	Z	1.852	3.8
84	MP3B	Mx	.001	3.8
85	MP3C	X	0	3.8
86	MP3C	Z	1.508	3.8
87	MP3C	Mx	-.001	3.8
88	MP3C	X	0	3.8
89	MP3C	Z	1.508	3.8
90	MP3C	Mx	-.001	3.8
91	A26	X	0	1.75
92	A26	Z	5.5	1.75
93	A26	Mx	0	1.75
94	A26	X	0	1.75
95	A26	Z	5.5	1.75
96	A26	Mx	0	1.75
97	MP1B	X	0	.23
98	MP1B	Z	7.755	.23
99	MP1B	Mx	-.008	.23
100	MP1B	X	0	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP1B	Z	7.755	3.18
102	MP1B	Mx	-.008	3.18
103	MP1C	X	0	.23
104	MP1C	Z	7.464	.23
105	MP1C	Mx	.009	.23
106	MP1C	X	0	3.18
107	MP1C	Z	7.464	3.18
108	MP1C	Mx	.009	3.18
109	MP5B	X	0	.23
110	MP5B	Z	7.755	.23
111	MP5B	Mx	-.008	.23
112	MP5B	X	0	3.18
113	MP5B	Z	7.755	3.18
114	MP5B	Mx	-.008	3.18
115	MP5C	X	0	.23
116	MP5C	Z	7.464	.23
117	MP5C	Mx	.009	.23
118	MP5C	X	0	3.18
119	MP5C	Z	7.464	3.18
120	MP5C	Mx	.009	3.18
121	MP1A	X	0	.23
122	MP1A	Z	5.487	.23
123	MP1A	Mx	0	.23
124	MP1A	X	0	3.18
125	MP1A	Z	5.487	3.18
126	MP1A	Mx	0	3.18
127	MP5A	X	0	.23
128	MP5A	Z	5.487	.23
129	MP5A	Mx	0	.23
130	MP5A	X	0	3.18
131	MP5A	Z	5.487	3.18
132	MP5A	Mx	0	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.01	.88
2	MP2A	Z	8.677	.88
3	MP2A	Mx	-5.2e-5	.88
4	MP2A	X	-5.01	5.54
5	MP2A	Z	8.677	5.54
6	MP2A	Mx	-5.2e-5	5.54
7	MP2B	X	-3.674	.88
8	MP2B	Z	6.364	.88
9	MP2B	Mx	-.006	.88
10	MP2B	X	-3.674	5.54
11	MP2B	Z	6.364	5.54
12	MP2B	Mx	-.006	5.54
13	MP2C	X	-4.707	.88
14	MP2C	Z	8.153	.88
15	MP2C	Mx	.01	.88
16	MP2C	X	-4.707	5.54
17	MP2C	Z	8.153	5.54
18	MP2C	Mx	.01	5.54
19	MP2A	X	-5.01	.88
20	MP2A	Z	8.677	.88
21	MP2A	Mx	.01	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	-5.01	5.54
23	MP2A	Z	8.677	5.54
24	MP2A	Mx	.01	5.54
25	MP2B	X	-3.674	.88
26	MP2B	Z	6.364	.88
27	MP2B	Mx	-.008	.88
28	MP2B	X	-3.674	5.54
29	MP2B	Z	6.364	5.54
30	MP2B	Mx	-.008	5.54
31	MP2C	X	-4.707	.88
32	MP2C	Z	8.153	.88
33	MP2C	Mx	.002	.88
34	MP2C	X	-4.707	5.54
35	MP2C	Z	8.153	5.54
36	MP2C	Mx	.002	5.54
37	MP4A	X	-2.699	.75
38	MP4A	Z	4.675	.75
39	MP4A	Mx	.003	.75
40	MP4A	X	-2.699	2.67
41	MP4A	Z	4.675	2.67
42	MP4A	Mx	.003	2.67
43	MP4B	X	-1.305	.75
44	MP4B	Z	2.26	.75
45	MP4B	Mx	-.003	.75
46	MP4B	X	-1.305	2.67
47	MP4B	Z	2.26	2.67
48	MP4B	Mx	-.003	2.67
49	MP4C	X	-2.383	.75
50	MP4C	Z	4.128	.75
51	MP4C	Mx	.003	.75
52	MP4C	X	-2.383	2.67
53	MP4C	Z	4.128	2.67
54	MP4C	Mx	.003	2.67
55	MP1A	X	-1.162	3.2
56	MP1A	Z	2.012	3.2
57	MP1A	Mx	-.001	3.2
58	MP1A	X	-1.162	3.2
59	MP1A	Z	2.012	3.2
60	MP1A	Mx	-.001	3.2
61	MP1B	X	-.859	3.2
62	MP1B	Z	1.489	3.2
63	MP1B	Mx	.002	3.2
64	MP1B	X	-.859	3.2
65	MP1B	Z	1.489	3.2
66	MP1B	Mx	.002	3.2
67	MP1C	X	-1.093	3.2
68	MP1C	Z	1.893	3.2
69	MP1C	Mx	-.001	3.2
70	MP1C	X	-1.093	3.2
71	MP1C	Z	1.893	3.2
72	MP1C	Mx	-.001	3.2
73	MP3A	X	-1.121	3.8
74	MP3A	Z	1.942	3.8
75	MP3A	Mx	-.001	3.8
76	MP3A	X	-1.121	3.8
77	MP3A	Z	1.942	3.8
78	MP3A	Mx	-.001	3.8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP3B	X	-.703	3.8
80	MP3B	Z	1.218	3.8
81	MP3B	Mx	.001	3.8
82	MP3B	X	-.703	3.8
83	MP3B	Z	1.218	3.8
84	MP3B	Mx	.001	3.8
85	MP3C	X	-1.027	3.8
86	MP3C	Z	1.778	3.8
87	MP3C	Mx	-.001	3.8
88	MP3C	X	-1.027	3.8
89	MP3C	Z	1.778	3.8
90	MP3C	Mx	-.001	3.8
91	A26	X	-2.587	1.75
92	A26	Z	4.481	1.75
93	A26	Mx	0	1.75
94	A26	X	-2.587	1.75
95	A26	Z	4.481	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-3.689	.23
98	MP1B	Z	6.39	.23
99	MP1B	Mx	-.01	.23
100	MP1B	X	-3.689	3.18
101	MP1B	Z	6.39	3.18
102	MP1B	Mx	-.01	3.18
103	MP1C	X	-3.963	.23
104	MP1C	Z	6.864	.23
105	MP1C	Mx	.007	.23
106	MP1C	X	-3.963	3.18
107	MP1C	Z	6.864	3.18
108	MP1C	Mx	.007	3.18
109	MP5B	X	-3.689	.23
110	MP5B	Z	6.39	.23
111	MP5B	Mx	-.01	.23
112	MP5B	X	-3.689	3.18
113	MP5B	Z	6.39	3.18
114	MP5B	Mx	-.01	3.18
115	MP5C	X	-3.963	.23
116	MP5C	Z	6.864	.23
117	MP5C	Mx	.007	.23
118	MP5C	X	-3.963	3.18
119	MP5C	Z	6.864	3.18
120	MP5C	Mx	.007	3.18
121	MP1A	X	-2.67	.23
122	MP1A	Z	4.624	.23
123	MP1A	Mx	.004	.23
124	MP1A	X	-2.67	3.18
125	MP1A	Z	4.624	3.18
126	MP1A	Mx	.004	3.18
127	MP5A	X	-2.67	.23
128	MP5A	Z	4.624	.23
129	MP5A	Mx	.004	.23
130	MP5A	X	-2.67	3.18
131	MP5A	Z	4.624	3.18
132	MP5A	Mx	.004	3.18

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.07	.88
2	MP2A	Z	4.082	.88
3	MP2A	Mx	.005	.88
4	MP2A	X	-7.07	5.54
5	MP2A	Z	4.082	5.54
6	MP2A	Mx	.005	5.54
7	MP2B	X	-6.643	.88
8	MP2B	Z	3.835	.88
9	MP2B	Mx	-.009	.88
10	MP2B	X	-6.643	5.54
11	MP2B	Z	3.835	5.54
12	MP2B	Mx	-.009	5.54
13	MP2C	X	-9.383	.88
14	MP2C	Z	5.417	.88
15	MP2C	Mx	.008	.88
16	MP2C	X	-9.383	5.54
17	MP2C	Z	5.417	5.54
18	MP2C	Mx	.008	5.54
19	MP2A	X	-7.07	.88
20	MP2A	Z	4.082	.88
21	MP2A	Mx	.009	.88
22	MP2A	X	-7.07	5.54
23	MP2A	Z	4.082	5.54
24	MP2A	Mx	.009	5.54
25	MP2B	X	-6.643	.88
26	MP2B	Z	3.835	.88
27	MP2B	Mx	-.006	.88
28	MP2B	X	-6.643	5.54
29	MP2B	Z	3.835	5.54
30	MP2B	Mx	-.006	5.54
31	MP2C	X	-9.383	.88
32	MP2C	Z	5.417	.88
33	MP2C	Mx	-.004	.88
34	MP2C	X	-9.383	5.54
35	MP2C	Z	5.417	5.54
36	MP2C	Mx	-.004	5.54
37	MP4A	X	-2.998	.75
38	MP4A	Z	1.731	.75
39	MP4A	Mx	.003	.75
40	MP4A	X	-2.998	2.67
41	MP4A	Z	1.731	2.67
42	MP4A	Mx	.003	2.67
43	MP4B	X	-2.551	.75
44	MP4B	Z	1.473	.75
45	MP4B	Mx	-.003	.75
46	MP4B	X	-2.551	2.67
47	MP4B	Z	1.473	2.67
48	MP4B	Mx	-.003	2.67
49	MP4C	X	-5.413	.75
50	MP4C	Z	3.125	.75
51	MP4C	Mx	.001	.75
52	MP4C	X	-5.413	2.67
53	MP4C	Z	3.125	2.67
54	MP4C	Mx	.001	2.67
55	MP1A	X	-1.648	3.2
56	MP1A	Z	.952	3.2
57	MP1A	Mx	-.002	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-1.648	3.2
59	MP1A	Z	.952	3.2
60	MP1A	Mx	-.002	3.2
61	MP1B	X	-1.552	3.2
62	MP1B	Z	.896	3.2
63	MP1B	Mx	.002	3.2
64	MP1B	X	-1.552	3.2
65	MP1B	Z	.896	3.2
66	MP1B	Mx	.002	3.2
67	MP1C	X	-2.172	3.2
68	MP1C	Z	1.254	3.2
69	MP1C	Mx	-.000436	3.2
70	MP1C	X	-2.172	3.2
71	MP1C	Z	1.254	3.2
72	MP1C	Mx	-.000436	3.2
73	MP3A	X	-1.439	3.8
74	MP3A	Z	.831	3.8
75	MP3A	Mx	-.001	3.8
76	MP3A	X	-1.439	3.8
77	MP3A	Z	.831	3.8
78	MP3A	Mx	-.001	3.8
79	MP3B	X	-1.306	3.8
80	MP3B	Z	.754	3.8
81	MP3B	Mx	.001	3.8
82	MP3B	X	-1.306	3.8
83	MP3B	Z	.754	3.8
84	MP3B	Mx	.001	3.8
85	MP3C	X	-2.164	3.8
86	MP3C	Z	1.249	3.8
87	MP3C	Mx	-.000434	3.8
88	MP3C	X	-2.164	3.8
89	MP3C	Z	1.249	3.8
90	MP3C	Mx	-.000434	3.8
91	A26	X	-3.916	1.75
92	A26	Z	2.261	1.75
93	A26	Mx	0	1.75
94	A26	X	-3.916	1.75
95	A26	Z	2.261	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-6.464	.23
98	MP1B	Z	3.732	.23
99	MP1B	Mx	-.009	.23
100	MP1B	X	-6.464	3.18
101	MP1B	Z	3.732	3.18
102	MP1B	Mx	-.009	3.18
103	MP1C	X	-7.19	.23
104	MP1C	Z	4.151	.23
105	MP1C	Mx	.002	.23
106	MP1C	X	-7.19	3.18
107	MP1C	Z	4.151	3.18
108	MP1C	Mx	.002	3.18
109	MP5B	X	-6.464	.23
110	MP5B	Z	3.732	.23
111	MP5B	Mx	-.009	.23
112	MP5B	X	-6.464	3.18
113	MP5B	Z	3.732	3.18
114	MP5B	Mx	-.009	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP5C	X	-7.19	.23
116	MP5C	Z	4.151	.23
117	MP5C	Mx	.002	.23
118	MP5C	X	-7.19	3.18
119	MP5C	Z	4.151	3.18
120	MP5C	Mx	.002	3.18
121	MP1A	X	-4.369	.23
122	MP1A	Z	2.522	.23
123	MP1A	Mx	.006	.23
124	MP1A	X	-4.369	3.18
125	MP1A	Z	2.522	3.18
126	MP1A	Mx	.006	3.18
127	MP5A	X	-4.369	.23
128	MP5A	Z	2.522	.23
129	MP5A	Mx	.006	.23
130	MP5A	X	-4.369	3.18
131	MP5A	Z	2.522	3.18
132	MP5A	Mx	.006	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.237	.88
2	MP2A	Z	0	.88
3	MP2A	Mx	.007	.88
4	MP2A	X	-7.237	5.54
5	MP2A	Z	0	5.54
6	MP2A	Mx	.007	5.54
7	MP2B	X	-9.414	.88
8	MP2B	Z	0	.88
9	MP2B	Mx	-.01	.88
10	MP2B	X	-9.414	5.54
11	MP2B	Z	0	5.54
12	MP2B	Mx	-.01	5.54
13	MP2C	X	-10.513	.88
14	MP2C	Z	0	.88
15	MP2C	Mx	.002	.88
16	MP2C	X	-10.513	5.54
17	MP2C	Z	0	5.54
18	MP2C	Mx	.002	5.54
19	MP2A	X	-7.237	.88
20	MP2A	Z	0	.88
21	MP2A	Mx	.007	.88
22	MP2A	X	-7.237	5.54
23	MP2A	Z	0	5.54
24	MP2A	Mx	.007	5.54
25	MP2B	X	-9.414	.88
26	MP2B	Z	0	.88
27	MP2B	Mx	-.002	.88
28	MP2B	X	-9.414	5.54
29	MP2B	Z	0	5.54
30	MP2B	Mx	-.002	5.54
31	MP2C	X	-10.513	.88
32	MP2C	Z	0	.88
33	MP2C	Mx	-.009	.88
34	MP2C	X	-10.513	5.54
35	MP2C	Z	0	5.54

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	-.009	5.54
37	MP4A	X	-2.493	.75
38	MP4A	Z	0	.75
39	MP4A	Mx	.002	.75
40	MP4A	X	-2.493	2.67
41	MP4A	Z	0	2.67
42	MP4A	Mx	.002	2.67
43	MP4B	X	-4.767	.75
44	MP4B	Z	0	.75
45	MP4B	Mx	-.003	.75
46	MP4B	X	-4.767	2.67
47	MP4B	Z	0	2.67
48	MP4B	Mx	-.003	2.67
49	MP4C	X	-5.914	.75
50	MP4C	Z	0	.75
51	MP4C	Mx	-.002	.75
52	MP4C	X	-5.914	2.67
53	MP4C	Z	0	2.67
54	MP4C	Mx	-.002	2.67
55	MP1A	X	-1.693	3.2
56	MP1A	Z	0	3.2
57	MP1A	Mx	-.002	3.2
58	MP1A	X	-1.693	3.2
59	MP1A	Z	0	3.2
60	MP1A	Mx	-.002	3.2
61	MP1B	X	-2.186	3.2
62	MP1B	Z	0	3.2
63	MP1B	Mx	.001	3.2
64	MP1B	X	-2.186	3.2
65	MP1B	Z	0	3.2
66	MP1B	Mx	.001	3.2
67	MP1C	X	-2.435	3.2
68	MP1C	Z	0	3.2
69	MP1C	Mx	.000833	3.2
70	MP1C	X	-2.435	3.2
71	MP1C	Z	0	3.2
72	MP1C	Mx	.000833	3.2
73	MP3A	X	-1.372	3.8
74	MP3A	Z	0	3.8
75	MP3A	Mx	-.001	3.8
76	MP3A	X	-1.372	3.8
77	MP3A	Z	0	3.8
78	MP3A	Mx	-.001	3.8
79	MP3B	X	-2.053	3.8
80	MP3B	Z	0	3.8
81	MP3B	Mx	.001	3.8
82	MP3B	X	-2.053	3.8
83	MP3B	Z	0	3.8
84	MP3B	Mx	.001	3.8
85	MP3C	X	-2.398	3.8
86	MP3C	Z	0	3.8
87	MP3C	Mx	.00082	3.8
88	MP3C	X	-2.398	3.8
89	MP3C	Z	0	3.8
90	MP3C	Mx	.00082	3.8
91	A26	X	-4.196	1.75
92	A26	Z	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	A26	Mx	0	1.75
94	A26	X	-4.196	1.75
95	A26	Z	0	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-7.926	.23
98	MP1B	Z	0	.23
99	MP1B	Mx	-.007	.23
100	MP1B	X	-7.926	3.18
101	MP1B	Z	0	3.18
102	MP1B	Mx	-.007	3.18
103	MP1C	X	-8.217	.23
104	MP1C	Z	0	.23
105	MP1C	Mx	-.004	.23
106	MP1C	X	-8.217	3.18
107	MP1C	Z	0	3.18
108	MP1C	Mx	-.004	3.18
109	MP5B	X	-7.926	.23
110	MP5B	Z	0	.23
111	MP5B	Mx	-.007	.23
112	MP5B	X	-7.926	3.18
113	MP5B	Z	0	3.18
114	MP5B	Mx	-.007	3.18
115	MP5C	X	-8.217	.23
116	MP5C	Z	0	.23
117	MP5C	Mx	-.004	.23
118	MP5C	X	-8.217	3.18
119	MP5C	Z	0	3.18
120	MP5C	Mx	-.004	3.18
121	MP1A	X	-4.897	.23
122	MP1A	Z	0	.23
123	MP1A	Mx	.007	.23
124	MP1A	X	-4.897	3.18
125	MP1A	Z	0	3.18
126	MP1A	Mx	.007	3.18
127	MP5A	X	-4.897	.23
128	MP5A	Z	0	.23
129	MP5A	Mx	.007	.23
130	MP5A	X	-4.897	3.18
131	MP5A	Z	0	3.18
132	MP5A	Mx	.007	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.07	.88
2	MP2A	Z	-4.082	.88
3	MP2A	Mx	.009	.88
4	MP2A	X	-7.07	5.54
5	MP2A	Z	-4.082	5.54
6	MP2A	Mx	.009	5.54
7	MP2B	X	-9.383	.88
8	MP2B	Z	-5.417	.88
9	MP2B	Mx	-.008	.88
10	MP2B	X	-9.383	5.54
11	MP2B	Z	-5.417	5.54
12	MP2B	Mx	-.008	5.54
13	MP2C	X	-7.595	.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	-4.385	.88
15	MP2C	Mx	-.003	.88
16	MP2C	X	-7.595	5.54
17	MP2C	Z	-4.385	5.54
18	MP2C	Mx	-.003	5.54
19	MP2A	X	-7.07	.88
20	MP2A	Z	-4.082	.88
21	MP2A	Mx	.005	.88
22	MP2A	X	-7.07	5.54
23	MP2A	Z	-4.082	5.54
24	MP2A	Mx	.005	5.54
25	MP2B	X	-9.383	.88
26	MP2B	Z	-5.417	.88
27	MP2B	Mx	.004	.88
28	MP2B	X	-9.383	5.54
29	MP2B	Z	-5.417	5.54
30	MP2B	Mx	.004	5.54
31	MP2C	X	-7.595	.88
32	MP2C	Z	-4.385	.88
33	MP2C	Mx	-.01	.88
34	MP2C	X	-7.595	5.54
35	MP2C	Z	-4.385	5.54
36	MP2C	Mx	-.01	5.54
37	MP4A	X	-2.998	.75
38	MP4A	Z	-1.731	.75
39	MP4A	Mx	.003	.75
40	MP4A	X	-2.998	2.67
41	MP4A	Z	-1.731	2.67
42	MP4A	Mx	.003	2.67
43	MP4B	X	-5.413	.75
44	MP4B	Z	-3.125	.75
45	MP4B	Mx	-.001	.75
46	MP4B	X	-5.413	2.67
47	MP4B	Z	-3.125	2.67
48	MP4B	Mx	-.001	2.67
49	MP4C	X	-3.545	.75
50	MP4C	Z	-2.047	.75
51	MP4C	Mx	-.003	.75
52	MP4C	X	-3.545	2.67
53	MP4C	Z	-2.047	2.67
54	MP4C	Mx	-.003	2.67
55	MP1A	X	-1.648	3.2
56	MP1A	Z	-.952	3.2
57	MP1A	Mx	-.002	3.2
58	MP1A	X	-1.648	3.2
59	MP1A	Z	-.952	3.2
60	MP1A	Mx	-.002	3.2
61	MP1B	X	-2.172	3.2
62	MP1B	Z	-1.254	3.2
63	MP1B	Mx	.000436	3.2
64	MP1B	X	-2.172	3.2
65	MP1B	Z	-1.254	3.2
66	MP1B	Mx	.000436	3.2
67	MP1C	X	-1.767	3.2
68	MP1C	Z	-1.02	3.2
69	MP1C	Mx	.002	3.2
70	MP1C	X	-1.767	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP1C	Z	-1.02	3.2
72	MP1C	Mx	.002	3.2
73	MP3A	X	-1.439	3.8
74	MP3A	Z	-.831	3.8
75	MP3A	Mx	-.001	3.8
76	MP3A	X	-1.439	3.8
77	MP3A	Z	-.831	3.8
78	MP3A	Mx	-.001	3.8
79	MP3B	X	-2.164	3.8
80	MP3B	Z	-1.249	3.8
81	MP3B	Mx	.000434	3.8
82	MP3B	X	-2.164	3.8
83	MP3B	Z	-1.249	3.8
84	MP3B	Mx	.000434	3.8
85	MP3C	X	-1.604	3.8
86	MP3C	Z	-.926	3.8
87	MP3C	Mx	.001	3.8
88	MP3C	X	-1.604	3.8
89	MP3C	Z	-.926	3.8
90	MP3C	Mx	.001	3.8
91	A26	X	-3.916	1.75
92	A26	Z	-2.261	1.75
93	A26	Mx	0	1.75
94	A26	X	-3.916	1.75
95	A26	Z	-2.261	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-7.19	.23
98	MP1B	Z	-4.151	.23
99	MP1B	Mx	-.002	.23
100	MP1B	X	-7.19	3.18
101	MP1B	Z	-4.151	3.18
102	MP1B	Mx	-.002	3.18
103	MP1C	X	-6.716	.23
104	MP1C	Z	-3.878	.23
105	MP1C	Mx	-.008	.23
106	MP1C	X	-6.716	3.18
107	MP1C	Z	-3.878	3.18
108	MP1C	Mx	-.008	3.18
109	MP5B	X	-7.19	.23
110	MP5B	Z	-4.151	.23
111	MP5B	Mx	-.002	.23
112	MP5B	X	-7.19	3.18
113	MP5B	Z	-4.151	3.18
114	MP5B	Mx	-.002	3.18
115	MP5C	X	-6.716	.23
116	MP5C	Z	-3.878	.23
117	MP5C	Mx	-.008	.23
118	MP5C	X	-6.716	3.18
119	MP5C	Z	-3.878	3.18
120	MP5C	Mx	-.008	3.18
121	MP1A	X	-4.369	.23
122	MP1A	Z	-2.522	.23
123	MP1A	Mx	.006	.23
124	MP1A	X	-4.369	3.18
125	MP1A	Z	-2.522	3.18
126	MP1A	Mx	.006	3.18
127	MP5A	X	-4.369	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
128	MP5A	Z	-2.522	.23
129	MP5A	Mx	.006	.23
130	MP5A	X	-4.369	3.18
131	MP5A	Z	-2.522	3.18
132	MP5A	Mx	.006	3.18

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.01	.88
2	MP2A	Z	-8.677	.88
3	MP2A	Mx	.01	.88
4	MP2A	X	-5.01	5.54
5	MP2A	Z	-8.677	5.54
6	MP2A	Mx	.01	5.54
7	MP2B	X	-5.256	.88
8	MP2B	Z	-9.104	.88
9	MP2B	Mx	-.002	.88
10	MP2B	X	-5.256	5.54
11	MP2B	Z	-9.104	5.54
12	MP2B	Mx	-.002	5.54
13	MP2C	X	-3.674	.88
14	MP2C	Z	-6.364	.88
15	MP2C	Mx	-.006	.88
16	MP2C	X	-3.674	5.54
17	MP2C	Z	-6.364	5.54
18	MP2C	Mx	-.006	5.54
19	MP2A	X	-5.01	.88
20	MP2A	Z	-8.677	.88
21	MP2A	Mx	-5.2e-5	.88
22	MP2A	X	-5.01	5.54
23	MP2A	Z	-8.677	5.54
24	MP2A	Mx	-5.2e-5	5.54
25	MP2B	X	-5.256	.88
26	MP2B	Z	-9.104	.88
27	MP2B	Mx	.009	.88
28	MP2B	X	-5.256	5.54
29	MP2B	Z	-9.104	5.54
30	MP2B	Mx	.009	5.54
31	MP2C	X	-3.674	.88
32	MP2C	Z	-6.364	.88
33	MP2C	Mx	-.008	.88
34	MP2C	X	-3.674	5.54
35	MP2C	Z	-6.364	5.54
36	MP2C	Mx	-.008	5.54
37	MP4A	X	-2.699	.75
38	MP4A	Z	-4.675	.75
39	MP4A	Mx	.003	.75
40	MP4A	X	-2.699	2.67
41	MP4A	Z	-4.675	2.67
42	MP4A	Mx	.003	2.67
43	MP4B	X	-2.957	.75
44	MP4B	Z	-5.122	.75
45	MP4B	Mx	.002	.75
46	MP4B	X	-2.957	2.67
47	MP4B	Z	-5.122	2.67
48	MP4B	Mx	.002	2.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP4C	X	-1.305	.75
50	MP4C	Z	-2.26	.75
51	MP4C	Mx	-.003	.75
52	MP4C	X	-1.305	2.67
53	MP4C	Z	-2.26	2.67
54	MP4C	Mx	-.003	2.67
55	MP1A	X	-1.162	3.2
56	MP1A	Z	-2.012	3.2
57	MP1A	Mx	-.001	3.2
58	MP1A	X	-1.162	3.2
59	MP1A	Z	-2.012	3.2
60	MP1A	Mx	-.001	3.2
61	MP1B	X	-1.218	3.2
62	MP1B	Z	-2.109	3.2
63	MP1B	Mx	-.000833	3.2
64	MP1B	X	-1.218	3.2
65	MP1B	Z	-2.109	3.2
66	MP1B	Mx	-.000833	3.2
67	MP1C	X	-.859	3.2
68	MP1C	Z	-1.489	3.2
69	MP1C	Mx	.002	3.2
70	MP1C	X	-.859	3.2
71	MP1C	Z	-1.489	3.2
72	MP1C	Mx	.002	3.2
73	MP3A	X	-1.121	3.8
74	MP3A	Z	-1.942	3.8
75	MP3A	Mx	-.001	3.8
76	MP3A	X	-1.121	3.8
77	MP3A	Z	-1.942	3.8
78	MP3A	Mx	-.001	3.8
79	MP3B	X	-1.199	3.8
80	MP3B	Z	-2.076	3.8
81	MP3B	Mx	-.00082	3.8
82	MP3B	X	-1.199	3.8
83	MP3B	Z	-2.076	3.8
84	MP3B	Mx	-.00082	3.8
85	MP3C	X	-.703	3.8
86	MP3C	Z	-1.218	3.8
87	MP3C	Mx	.001	3.8
88	MP3C	X	-.703	3.8
89	MP3C	Z	-1.218	3.8
90	MP3C	Mx	.001	3.8
91	A26	X	-2.587	1.75
92	A26	Z	-4.481	1.75
93	A26	Mx	0	1.75
94	A26	X	-2.587	1.75
95	A26	Z	-4.481	1.75
96	A26	Mx	0	1.75
97	MP1B	X	-4.108	.23
98	MP1B	Z	-7.116	.23
99	MP1B	Mx	.004	.23
100	MP1B	X	-4.108	3.18
101	MP1B	Z	-7.116	3.18
102	MP1B	Mx	.004	3.18
103	MP1C	X	-3.689	.23
104	MP1C	Z	-6.39	.23
105	MP1C	Mx	-.01	.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP1C	X	-3.689	3.18
107	MP1C	Z	-6.39	3.18
108	MP1C	Mx	-.01	3.18
109	MP5B	X	-4.108	.23
110	MP5B	Z	-7.116	.23
111	MP5B	Mx	.004	.23
112	MP5B	X	-4.108	3.18
113	MP5B	Z	-7.116	3.18
114	MP5B	Mx	.004	3.18
115	MP5C	X	-3.689	.23
116	MP5C	Z	-6.39	.23
117	MP5C	Mx	-.01	.23
118	MP5C	X	-3.689	3.18
119	MP5C	Z	-6.39	3.18
120	MP5C	Mx	-.01	3.18
121	MP1A	X	-2.67	.23
122	MP1A	Z	-4.624	.23
123	MP1A	Mx	.004	.23
124	MP1A	X	-2.67	3.18
125	MP1A	Z	-4.624	3.18
126	MP1A	Mx	.004	3.18
127	MP5A	X	-2.67	.23
128	MP5A	Z	-4.624	.23
129	MP5A	Mx	.004	.23
130	MP5A	X	-2.67	3.18
131	MP5A	Z	-4.624	3.18
132	MP5A	Mx	.004	3.18

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	A21	Y	-500	%25
2	B72	Y	-500	%25
3	C123	Y	-500	%25

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	A21	Y	-500	%74
2	B72	Y	-500	%74
3	C123	Y	-500	%74

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	A21	Y	-250	0
2	B72	Y	-250	0
3	C123	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	A21	Y	-250	%100
2	B72	Y	-250	%100
3	C123	Y	-250	%100

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	Y	-11.3	-11.3	0	%100
2	A2	Y	-11.3	-11.3	0	%100
3	A3	Y	-11.3	-11.3	0	%100
4	A4	Y	-11.3	-11.3	0	%100
5	A5	Y	-9.704	-9.704	0	%100
6	A6	Y	-9.704	-9.704	0	%100
7	A7	Y	-9.704	-9.704	0	%100
8	A8	Y	-9.704	-9.704	0	%100
9	A9	Y	-9.704	-9.704	0	%100
10	A10	Y	-9.704	-9.704	0	%100
11	A11	Y	-9.704	-9.704	0	%100
12	A12	Y	-9.704	-9.704	0	%100
13	A13	Y	-9.704	-9.704	0	%100
14	A14	Y	-9.704	-9.704	0	%100
15	A15	Y	-9.704	-9.704	0	%100
16	A16	Y	-9.704	-9.704	0	%100
17	A17	Y	-8.303	-8.303	0	%100
18	A18	Y	-8.303	-8.303	0	%100
19	A19	Y	-8.303	-8.303	0	%100
20	A20	Y	-8.303	-8.303	0	%100
21	A21	Y	-9.918	-9.918	0	%100
22	A22	Y	-9.918	-9.918	0	%100
23	A23	Y	-8.846	-8.846	0	%100
24	A24	Y	-8.846	-8.846	0	%100
25	A25	Y	-8.846	-8.846	0	%100
26	A26	Y	-8.846	-8.846	0	%100
27	A27	Y	-11.3	-11.3	0	%100
28	A28	Y	-11.3	-11.3	0	%100
29	A29	Y	-8.846	-8.846	0	%100
30	A30	Y	-8.846	-8.846	0	%100
31	A31	Y	-11.3	-11.3	0	%100
32	A32	Y	-11.3	-11.3	0	%100
33	A33	Y	-8.303	-8.303	0	%100
34	A34	Y	-8.303	-8.303	0	%100
35	A35	Y	-8.303	-8.303	0	%100
36	A36	Y	-8.303	-8.303	0	%100
37	MP1A	Y	-8.846	-8.846	0	%100
38	MP2A	Y	-9.918	-9.918	0	%100
39	MP3A	Y	-8.846	-8.846	0	%100
40	MP4A	Y	-8.846	-8.846	0	%100
41	MP5A	Y	-8.846	-8.846	0	%100
42	B52	Y	-11.3	-11.3	0	%100
43	B53	Y	-11.3	-11.3	0	%100
44	B54	Y	-11.3	-11.3	0	%100
45	B55	Y	-11.3	-11.3	0	%100
46	B56	Y	-9.704	-9.704	0	%100
47	B57	Y	-9.704	-9.704	0	%100
48	B58	Y	-9.704	-9.704	0	%100
49	B59	Y	-9.704	-9.704	0	%100
50	B60	Y	-9.704	-9.704	0	%100
51	B61	Y	-9.704	-9.704	0	%100
52	B62	Y	-9.704	-9.704	0	%100
53	B63	Y	-9.704	-9.704	0	%100
54	B64	Y	-9.704	-9.704	0	%100
55	B65	Y	-9.704	-9.704	0	%100
56	B66	Y	-9.704	-9.704	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
57	B67	Y	-9.704	-9.704	0	%100
58	B68	Y	-8.303	-8.303	0	%100
59	B69	Y	-8.303	-8.303	0	%100
60	B70	Y	-8.303	-8.303	0	%100
61	B71	Y	-8.303	-8.303	0	%100
62	B72	Y	-9.918	-9.918	0	%100
63	B73	Y	-9.918	-9.918	0	%100
64	B74	Y	-8.846	-8.846	0	%100
65	B75	Y	-8.846	-8.846	0	%100
66	B76	Y	-8.846	-8.846	0	%100
67	B77	Y	-8.846	-8.846	0	%100
68	B78	Y	-11.3	-11.3	0	%100
69	B79	Y	-11.3	-11.3	0	%100
70	B80	Y	-8.846	-8.846	0	%100
71	B81	Y	-8.846	-8.846	0	%100
72	B82	Y	-11.3	-11.3	0	%100
73	B83	Y	-11.3	-11.3	0	%100
74	B84	Y	-8.303	-8.303	0	%100
75	B85	Y	-8.303	-8.303	0	%100
76	B86	Y	-8.303	-8.303	0	%100
77	B87	Y	-8.303	-8.303	0	%100
78	MP1B	Y	-8.846	-8.846	0	%100
79	MP2B	Y	-9.918	-9.918	0	%100
80	MP3B	Y	-8.846	-8.846	0	%100
81	MP4B	Y	-8.846	-8.846	0	%100
82	MP5B	Y	-8.846	-8.846	0	%100
83	C103	Y	-11.3	-11.3	0	%100
84	C104	Y	-11.3	-11.3	0	%100
85	C105	Y	-11.3	-11.3	0	%100
86	C106	Y	-11.3	-11.3	0	%100
87	C107	Y	-9.704	-9.704	0	%100
88	C108	Y	-9.704	-9.704	0	%100
89	C109	Y	-9.704	-9.704	0	%100
90	C110	Y	-9.704	-9.704	0	%100
91	C111	Y	-9.704	-9.704	0	%100
92	C112	Y	-9.704	-9.704	0	%100
93	C113	Y	-9.704	-9.704	0	%100
94	C114	Y	-9.704	-9.704	0	%100
95	C115	Y	-9.704	-9.704	0	%100
96	C116	Y	-9.704	-9.704	0	%100
97	C117	Y	-9.704	-9.704	0	%100
98	C118	Y	-9.704	-9.704	0	%100
99	C119	Y	-8.303	-8.303	0	%100
100	C120	Y	-8.303	-8.303	0	%100
101	C121	Y	-8.303	-8.303	0	%100
102	C122	Y	-8.303	-8.303	0	%100
103	C123	Y	-9.918	-9.918	0	%100
104	C124	Y	-9.918	-9.918	0	%100
105	C125	Y	-8.846	-8.846	0	%100
106	C126	Y	-8.846	-8.846	0	%100
107	C127	Y	-8.846	-8.846	0	%100
108	C128	Y	-8.846	-8.846	0	%100
109	C129	Y	-11.3	-11.3	0	%100
110	C130	Y	-11.3	-11.3	0	%100
111	C131	Y	-8.846	-8.846	0	%100
112	C132	Y	-8.846	-8.846	0	%100
113	C133	Y	-11.3	-11.3	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
114	C134	Y	-11.3	-11.3	0	%100
115	C135	Y	-8.303	-8.303	0	%100
116	C136	Y	-8.303	-8.303	0	%100
117	C137	Y	-8.303	-8.303	0	%100
118	C138	Y	-8.303	-8.303	0	%100
119	MP1C	Y	-8.846	-8.846	0	%100
120	MP2C	Y	-9.918	-9.918	0	%100
121	MP3C	Y	-8.846	-8.846	0	%100
122	MP4C	Y	-8.846	-8.846	0	%100
123	MP5C	Y	-8.846	-8.846	0	%100
124	M156	Y	-8.846	-8.846	0	%100
125	M155	Y	-8.846	-8.846	0	%100
126	M156A	Y	-8.846	-8.846	0	%100
127	M157	Y	-8.846	-8.846	0	%100
128	M158	Y	-8.846	-8.846	0	%100
129	M159	Y	-8.846	-8.846	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	0	0	0	%100
2	A1	Z	-.771	-.771	0	%100
3	A2	X	0	0	0	%100
4	A2	Z	-.771	-.771	0	%100
5	A3	X	0	0	0	%100
6	A3	Z	-.771	-.771	0	%100
7	A4	X	0	0	0	%100
8	A4	Z	-.771	-.771	0	%100
9	A5	X	0	0	0	%100
10	A5	Z	-6.598	-6.598	0	%100
11	A6	X	0	0	0	%100
12	A6	Z	-6.598	-6.598	0	%100
13	A7	X	0	0	0	%100
14	A7	Z	-6.598	-6.598	0	%100
15	A8	X	0	0	0	%100
16	A8	Z	-6.598	-6.598	0	%100
17	A9	X	0	0	0	%100
18	A9	Z	-6.598	-6.598	0	%100
19	A10	X	0	0	0	%100
20	A10	Z	-6.598	-6.598	0	%100
21	A11	X	0	0	0	%100
22	A11	Z	-6.598	-6.598	0	%100
23	A12	X	0	0	0	%100
24	A12	Z	-6.598	-6.598	0	%100
25	A13	X	0	0	0	%100
26	A13	Z	-6.598	-6.598	0	%100
27	A14	X	0	0	0	%100
28	A14	Z	-6.598	-6.598	0	%100
29	A15	X	0	0	0	%100
30	A15	Z	-6.598	-6.598	0	%100
31	A16	X	0	0	0	%100
32	A16	Z	-6.598	-6.598	0	%100
33	A17	X	0	0	0	%100
34	A17	Z	-6.21	-6.21	0	%100
35	A18	X	0	0	0	%100
36	A18	Z	-6.21	-6.21	0	%100
37	A19	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
38	A19	Z	-6.21	-6.21	0	%100
39	A20	X	0	0	0	%100
40	A20	Z	-6.21	-6.21	0	%100
41	A21	X	0	0	0	%100
42	A21	Z	-11.825	-11.825	0	%100
43	A22	X	0	0	0	%100
44	A22	Z	-11.825	-11.825	0	%100
45	A23	X	0	0	0	%100
46	A23	Z	-4.886	-4.886	0	%100
47	A24	X	0	0	0	%100
48	A24	Z	-4.886	-4.886	0	%100
49	A25	X	0	0	0	%100
50	A25	Z	-4.886	-4.886	0	%100
51	A26	X	0	0	0	%100
52	A26	Z	-4.886	-4.886	0	%100
53	A27	X	0	0	0	%100
54	A27	Z	-8.14	-8.14	0	%100
55	A28	X	0	0	0	%100
56	A28	Z	-8.14	-8.14	0	%100
57	A29	X	0	0	0	%100
58	A29	Z	-7.341	-7.341	0	%100
59	A30	X	0	0	0	%100
60	A30	Z	-7.341	-7.341	0	%100
61	A31	X	0	0	0	%100
62	A31	Z	-8.14	-8.14	0	%100
63	A32	X	0	0	0	%100
64	A32	Z	-8.14	-8.14	0	%100
65	A33	X	0	0	0	%100
66	A33	Z	-5.089	-5.089	0	%100
67	A34	X	0	0	0	%100
68	A34	Z	-5.089	-5.089	0	%100
69	A35	X	0	0	0	%100
70	A35	Z	-5.089	-5.089	0	%100
71	A36	X	0	0	0	%100
72	A36	Z	-5.089	-5.089	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	-9.768	-9.768	0	%100
75	MP2A	X	0	0	0	%100
76	MP2A	Z	-11.825	-11.825	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-9.768	-9.768	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	-9.768	-9.768	0	%100
81	MP5A	X	0	0	0	%100
82	MP5A	Z	-9.768	-9.768	0	%100
83	B52	X	0	0	0	%100
84	B52	Z	-.012	-.012	0	%100
85	B53	X	0	0	0	%100
86	B53	Z	-1.531	-1.531	0	%100
87	B54	X	0	0	0	%100
88	B54	Z	-.012	-.012	0	%100
89	B55	X	0	0	0	%100
90	B55	Z	-1.531	-1.531	0	%100
91	B56	X	0	0	0	%100
92	B56	Z	-11.239	-11.239	0	%100
93	B57	X	0	0	0	%100
94	B57	Z	-11.239	-11.239	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
95	B58	X	0	0	0	%100
96	B58	Z	-11.239	-11.239	0	%100
97	B59	X	0	0	0	%100
98	B59	Z	-1.957	-1.957	0	%100
99	B60	X	0	0	0	%100
100	B60	Z	-1.957	-1.957	0	%100
101	B61	X	0	0	0	%100
102	B61	Z	-1.957	-1.957	0	%100
103	B62	X	0	0	0	%100
104	B62	Z	-11.239	-11.239	0	%100
105	B63	X	0	0	0	%100
106	B63	Z	-11.239	-11.239	0	%100
107	B64	X	0	0	0	%100
108	B64	Z	-11.239	-11.239	0	%100
109	B65	X	0	0	0	%100
110	B65	Z	-1.957	-1.957	0	%100
111	B66	X	0	0	0	%100
112	B66	Z	-1.957	-1.957	0	%100
113	B67	X	0	0	0	%100
114	B67	Z	-1.957	-1.957	0	%100
115	B68	X	0	0	0	%100
116	B68	Z	-6.21	-6.21	0	%100
117	B69	X	0	0	0	%100
118	B69	Z	-6.21	-6.21	0	%100
119	B70	X	0	0	0	%100
120	B70	Z	-6.21	-6.21	0	%100
121	B71	X	0	0	0	%100
122	B71	Z	-6.21	-6.21	0	%100
123	B72	X	0	0	0	%100
124	B72	Z	-4.886	-4.886	0	%100
125	B73	X	0	0	0	%100
126	B73	Z	-4.886	-4.886	0	%100
127	B74	X	0	0	0	%100
128	B74	Z	-9.694	-9.694	0	%100
129	B75	X	0	0	0	%100
130	B75	Z	-.074	-.074	0	%100
131	B76	X	0	0	0	%100
132	B76	Z	-9.694	-9.694	0	%100
133	B77	X	0	0	0	%100
134	B77	Z	-.074	-.074	0	%100
135	B78	X	0	0	0	%100
136	B78	Z	-1.98	-1.98	0	%100
137	B79	X	0	0	0	%100
138	B79	Z	-1.98	-1.98	0	%100
139	B80	X	0	0	0	%100
140	B80	Z	-7.341	-7.341	0	%100
141	B81	X	0	0	0	%100
142	B81	Z	-7.341	-7.341	0	%100
143	B82	X	0	0	0	%100
144	B82	Z	-14.3	-14.3	0	%100
145	B83	X	0	0	0	%100
146	B83	Z	-14.3	-14.3	0	%100
147	B84	X	0	0	0	%100
148	B84	Z	-6.406	-6.406	0	%100
149	B85	X	0	0	0	%100
150	B85	Z	-6.406	-6.406	0	%100
151	B86	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
152	B86	Z	-3.77	-3.77	0	%100
153	B87	X	0	0	0	%100
154	B87	Z	-3.77	-3.77	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	-9.768	-9.768	0	%100
157	MP2B	X	0	0	0	%100
158	MP2B	Z	-11.825	-11.825	0	%100
159	MP3B	X	0	0	0	%100
160	MP3B	Z	-9.768	-9.768	0	%100
161	MP4B	X	0	0	0	%100
162	MP4B	Z	-9.768	-9.768	0	%100
163	MP5B	X	0	0	0	%100
164	MP5B	Z	-9.768	-9.768	0	%100
165	C103	X	0	0	0	%100
166	C103	Z	-1.267	-1.267	0	%100
167	C104	X	0	0	0	%100
168	C104	Z	-.275	-.275	0	%100
169	C105	X	0	0	0	%100
170	C105	Z	-1.267	-1.267	0	%100
171	C106	X	0	0	0	%100
172	C106	Z	-.275	-.275	0	%100
173	C107	X	0	0	0	%100
174	C107	Z	-3.569	-3.569	0	%100
175	C108	X	0	0	0	%100
176	C108	Z	-3.569	-3.569	0	%100
177	C109	X	0	0	0	%100
178	C109	Z	-3.569	-3.569	0	%100
179	C110	X	0	0	0	%100
180	C110	Z	-9.627	-9.627	0	%100
181	C111	X	0	0	0	%100
182	C111	Z	-9.627	-9.627	0	%100
183	C112	X	0	0	0	%100
184	C112	Z	-9.627	-9.627	0	%100
185	C113	X	0	0	0	%100
186	C113	Z	-3.569	-3.569	0	%100
187	C114	X	0	0	0	%100
188	C114	Z	-3.569	-3.569	0	%100
189	C115	X	0	0	0	%100
190	C115	Z	-3.569	-3.569	0	%100
191	C116	X	0	0	0	%100
192	C116	Z	-9.627	-9.627	0	%100
193	C117	X	0	0	0	%100
194	C117	Z	-9.627	-9.627	0	%100
195	C118	X	0	0	0	%100
196	C118	Z	-9.627	-9.627	0	%100
197	C119	X	0	0	0	%100
198	C119	Z	-6.21	-6.21	0	%100
199	C120	X	0	0	0	%100
200	C120	Z	-6.21	-6.21	0	%100
201	C121	X	0	0	0	%100
202	C121	Z	-6.21	-6.21	0	%100
203	C122	X	0	0	0	%100
204	C122	Z	-6.21	-6.21	0	%100
205	C123	X	0	0	0	%100
206	C123	Z	-1.383	-1.383	0	%100
207	C124	X	0	0	0	%100
208	C124	Z	-1.383	-1.383	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
209	C125	X	0	0	0	%100
210	C125	Z	-1.744	-1.744	0	%100
211	C126	X	0	0	0	%100
212	C126	Z	-8.023	-8.023	0	%100
213	C127	X	0	0	0	%100
214	C127	Z	-1.744	-1.744	0	%100
215	C128	X	0	0	0	%100
216	C128	Z	-8.023	-8.023	0	%100
217	C129	X	0	0	0	%100
218	C129	Z	-12.161	-12.161	0	%100
219	C130	X	0	0	0	%100
220	C130	Z	-12.161	-12.161	0	%100
221	C131	X	0	0	0	%100
222	C131	Z	-7.341	-7.341	0	%100
223	C132	X	0	0	0	%100
224	C132	Z	-7.341	-7.341	0	%100
225	C133	X	0	0	0	%100
226	C133	Z	-4.12	-4.12	0	%100
227	C134	X	0	0	0	%100
228	C134	Z	-4.12	-4.12	0	%100
229	C135	X	0	0	0	%100
230	C135	Z	-4.228	-4.228	0	%100
231	C136	X	0	0	0	%100
232	C136	Z	-4.228	-4.228	0	%100
233	C137	X	0	0	0	%100
234	C137	Z	-5.948	-5.948	0	%100
235	C138	X	0	0	0	%100
236	C138	Z	-5.948	-5.948	0	%100
237	MP1C	X	0	0	0	%100
238	MP1C	Z	-9.768	-9.768	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	-11.825	-11.825	0	%100
241	MP3C	X	0	0	0	%100
242	MP3C	Z	-9.768	-9.768	0	%100
243	MP4C	X	0	0	0	%100
244	MP4C	Z	-9.768	-9.768	0	%100
245	MP5C	X	0	0	0	%100
246	MP5C	Z	-9.768	-9.768	0	%100
247	M156	X	0	0	0	%100
248	M156	Z	-7.751	-7.751	0	%100
249	M155	X	0	0	0	%100
250	M155	Z	-9.435	-9.435	0	%100
251	M156A	X	0	0	0	%100
252	M156A	Z	-.321	-.321	0	%100
253	M157	X	0	0	0	%100
254	M157	Z	-6.875	-6.875	0	%100
255	M158	X	0	0	0	%100
256	M158	Z	-1.072	-1.072	0	%100
257	M159	X	0	0	0	%100
258	M159	Z	-3.174	-3.174	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.052	.052	0	%100
2	A1	Z	-.09	-.09	0	%100
3	A2	X	.72	.72	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
4	A2	Z	-1.246	-1.246	0	%100
5	A3	X	.052	.052	0	%100
6	A3	Z	-.09	-.09	0	%100
7	A4	X	.72	.72	0	%100
8	A4	Z	-1.246	-1.246	0	%100
9	A5	X	5.34	5.34	0	%100
10	A5	Z	-9.249	-9.249	0	%100
11	A6	X	5.34	5.34	0	%100
12	A6	Z	-9.249	-9.249	0	%100
13	A7	X	5.34	5.34	0	%100
14	A7	Z	-9.249	-9.249	0	%100
15	A8	X	1.258	1.258	0	%100
16	A8	Z	-2.179	-2.179	0	%100
17	A9	X	1.258	1.258	0	%100
18	A9	Z	-2.179	-2.179	0	%100
19	A10	X	1.258	1.258	0	%100
20	A10	Z	-2.179	-2.179	0	%100
21	A11	X	5.34	5.34	0	%100
22	A11	Z	-9.249	-9.249	0	%100
23	A12	X	5.34	5.34	0	%100
24	A12	Z	-9.249	-9.249	0	%100
25	A13	X	5.34	5.34	0	%100
26	A13	Z	-9.249	-9.249	0	%100
27	A14	X	1.258	1.258	0	%100
28	A14	Z	-2.179	-2.179	0	%100
29	A15	X	1.258	1.258	0	%100
30	A15	Z	-2.179	-2.179	0	%100
31	A16	X	1.258	1.258	0	%100
32	A16	Z	-2.179	-2.179	0	%100
33	A17	X	3.105	3.105	0	%100
34	A17	Z	-5.378	-5.378	0	%100
35	A18	X	3.105	3.105	0	%100
36	A18	Z	-5.378	-5.378	0	%100
37	A19	X	3.105	3.105	0	%100
38	A19	Z	-5.378	-5.378	0	%100
39	A20	X	3.105	3.105	0	%100
40	A20	Z	-5.378	-5.378	0	%100
41	A21	X	4.434	4.434	0	%100
42	A21	Z	-7.68	-7.68	0	%100
43	A22	X	4.434	4.434	0	%100
44	A22	Z	-7.68	-7.68	0	%100
45	A23	X	4.557	4.557	0	%100
46	A23	Z	-7.894	-7.894	0	%100
47	A24	X	.328	.328	0	%100
48	A24	Z	-.567	-.567	0	%100
49	A25	X	4.557	4.557	0	%100
50	A25	Z	-7.894	-7.894	0	%100
51	A26	X	.328	.328	0	%100
52	A26	Z	-.567	-.567	0	%100
53	A27	X	1.362	1.362	0	%100
54	A27	Z	-2.358	-2.358	0	%100
55	A28	X	1.362	1.362	0	%100
56	A28	Z	-2.358	-2.358	0	%100
57	A29	X	3.67	3.67	0	%100
58	A29	Z	-6.357	-6.357	0	%100
59	A30	X	3.67	3.67	0	%100
60	A30	Z	-6.357	-6.357	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
61	A31	X	6.779	6.779	0	%100
62	A31	Z	-11.741	-11.741	0	%100
63	A32	X	6.779	6.779	0	%100
64	A32	Z	-11.741	-11.741	0	%100
65	A33	X	3.124	3.124	0	%100
66	A33	Z	-5.41	-5.41	0	%100
67	A34	X	3.124	3.124	0	%100
68	A34	Z	-5.41	-5.41	0	%100
69	A35	X	1.965	1.965	0	%100
70	A35	Z	-3.403	-3.403	0	%100
71	A36	X	1.965	1.965	0	%100
72	A36	Z	-3.403	-3.403	0	%100
73	MP1A	X	4.884	4.884	0	%100
74	MP1A	Z	-8.46	-8.46	0	%100
75	MP2A	X	5.912	5.912	0	%100
76	MP2A	Z	-10.241	-10.241	0	%100
77	MP3A	X	4.884	4.884	0	%100
78	MP3A	Z	-8.46	-8.46	0	%100
79	MP4A	X	4.884	4.884	0	%100
80	MP4A	Z	-8.46	-8.46	0	%100
81	MP5A	X	4.884	4.884	0	%100
82	MP5A	Z	-8.46	-8.46	0	%100
83	B52	X	.254	.254	0	%100
84	B52	Z	-.439	-.439	0	%100
85	B53	X	.517	.517	0	%100
86	B53	Z	-.896	-.896	0	%100
87	B54	X	.254	.254	0	%100
88	B54	Z	-.439	-.439	0	%100
89	B55	X	.517	.517	0	%100
90	B55	Z	-.896	-.896	0	%100
91	B56	X	4.105	4.105	0	%100
92	B56	Z	-7.11	-7.11	0	%100
93	B57	X	4.105	4.105	0	%100
94	B57	Z	-7.11	-7.11	0	%100
95	B58	X	4.105	4.105	0	%100
96	B58	Z	-7.11	-7.11	0	%100
97	B59	X	2.493	2.493	0	%100
98	B59	Z	-4.318	-4.318	0	%100
99	B60	X	2.493	2.493	0	%100
100	B60	Z	-4.318	-4.318	0	%100
101	B61	X	2.493	2.493	0	%100
102	B61	Z	-4.318	-4.318	0	%100
103	B62	X	4.105	4.105	0	%100
104	B62	Z	-7.11	-7.11	0	%100
105	B63	X	4.105	4.105	0	%100
106	B63	Z	-7.11	-7.11	0	%100
107	B64	X	4.105	4.105	0	%100
108	B64	Z	-7.11	-7.11	0	%100
109	B65	X	2.493	2.493	0	%100
110	B65	Z	-4.318	-4.318	0	%100
111	B66	X	2.493	2.493	0	%100
112	B66	Z	-4.318	-4.318	0	%100
113	B67	X	2.493	2.493	0	%100
114	B67	Z	-4.318	-4.318	0	%100
115	B68	X	3.105	3.105	0	%100
116	B68	Z	-5.378	-5.378	0	%100
117	B69	X	3.105	3.105	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
118	B69	Z	-5.378	-5.378	0	%100
119	B70	X	3.105	3.105	0	%100
120	B70	Z	-5.378	-5.378	0	%100
121	B71	X	3.105	3.105	0	%100
122	B71	Z	-5.378	-5.378	0	%100
123	B72	X	.178	.178	0	%100
124	B72	Z	-.309	-.309	0	%100
125	B73	X	.178	.178	0	%100
126	B73	Z	-.309	-.309	0	%100
127	B74	X	3.277	3.277	0	%100
128	B74	Z	-5.675	-5.675	0	%100
129	B75	X	1.606	1.606	0	%100
130	B75	Z	-2.782	-2.782	0	%100
131	B76	X	3.277	3.277	0	%100
132	B76	Z	-5.675	-5.675	0	%100
133	B77	X	1.606	1.606	0	%100
134	B77	Z	-2.782	-2.782	0	%100
135	B78	X	3	3	0	%100
136	B78	Z	-5.197	-5.197	0	%100
137	B79	X	3	3	0	%100
138	B79	Z	-5.197	-5.197	0	%100
139	B80	X	3.67	3.67	0	%100
140	B80	Z	-6.357	-6.357	0	%100
141	B81	X	3.67	3.67	0	%100
142	B81	Z	-6.357	-6.357	0	%100
143	B82	X	5.14	5.14	0	%100
144	B82	Z	-8.902	-8.902	0	%100
145	B83	X	5.14	5.14	0	%100
146	B83	Z	-8.902	-8.902	0	%100
147	B84	X	2.773	2.773	0	%100
148	B84	Z	-4.803	-4.803	0	%100
149	B85	X	2.773	2.773	0	%100
150	B85	Z	-4.803	-4.803	0	%100
151	B86	X	2.315	2.315	0	%100
152	B86	Z	-4.01	-4.01	0	%100
153	B87	X	2.315	2.315	0	%100
154	B87	Z	-4.01	-4.01	0	%100
155	MP1B	X	4.884	4.884	0	%100
156	MP1B	Z	-8.46	-8.46	0	%100
157	MP2B	X	5.912	5.912	0	%100
158	MP2B	Z	-10.241	-10.241	0	%100
159	MP3B	X	4.884	4.884	0	%100
160	MP3B	Z	-8.46	-8.46	0	%100
161	MP4B	X	4.884	4.884	0	%100
162	MP4B	Z	-8.46	-8.46	0	%100
163	MP5B	X	4.884	4.884	0	%100
164	MP5B	Z	-8.46	-8.46	0	%100
165	C103	X	.765	.765	0	%100
166	C103	Z	-1.326	-1.326	0	%100
167	C104	X	.006	.006	0	%100
168	C104	Z	-.01	-.01	0	%100
169	C105	X	.765	.765	0	%100
170	C105	Z	-1.326	-1.326	0	%100
171	C106	X	.006	.006	0	%100
172	C106	Z	-.01	-.01	0	%100
173	C107	X	.978	.978	0	%100
174	C107	Z	-1.695	-1.695	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
175	C108	X	.978	.978	0	%100
176	C108	Z	-1.695	-1.695	0	%100
177	C109	X	.978	.978	0	%100
178	C109	Z	-1.695	-1.695	0	%100
179	C110	X	5.62	5.62	0	%100
180	C110	Z	-9.733	-9.733	0	%100
181	C111	X	5.62	5.62	0	%100
182	C111	Z	-9.733	-9.733	0	%100
183	C112	X	5.62	5.62	0	%100
184	C112	Z	-9.733	-9.733	0	%100
185	C113	X	.978	.978	0	%100
186	C113	Z	-1.695	-1.695	0	%100
187	C114	X	.978	.978	0	%100
188	C114	Z	-1.695	-1.695	0	%100
189	C115	X	.978	.978	0	%100
190	C115	Z	-1.695	-1.695	0	%100
191	C116	X	5.62	5.62	0	%100
192	C116	Z	-9.733	-9.733	0	%100
193	C117	X	5.62	5.62	0	%100
194	C117	Z	-9.733	-9.733	0	%100
195	C118	X	5.62	5.62	0	%100
196	C118	Z	-9.733	-9.733	0	%100
197	C119	X	3.105	3.105	0	%100
198	C119	Z	-5.378	-5.378	0	%100
199	C120	X	3.105	3.105	0	%100
200	C120	Z	-5.378	-5.378	0	%100
201	C121	X	3.105	3.105	0	%100
202	C121	Z	-5.378	-5.378	0	%100
203	C122	X	3.105	3.105	0	%100
204	C122	Z	-5.378	-5.378	0	%100
205	C123	X	3.47	3.47	0	%100
206	C123	Z	-6.009	-6.009	0	%100
207	C124	X	3.47	3.47	0	%100
208	C124	Z	-6.009	-6.009	0	%100
209	C125	X	.037	.037	0	%100
210	C125	Z	-.064	-.064	0	%100
211	C126	X	4.847	4.847	0	%100
212	C126	Z	-8.396	-8.396	0	%100
213	C127	X	.037	.037	0	%100
214	C127	Z	-.064	-.064	0	%100
215	C128	X	4.847	4.847	0	%100
216	C128	Z	-8.396	-8.396	0	%100
217	C129	X	7.15	7.15	0	%100
218	C129	Z	-12.385	-12.385	0	%100
219	C130	X	7.15	7.15	0	%100
220	C130	Z	-12.385	-12.385	0	%100
221	C131	X	3.67	3.67	0	%100
222	C131	Z	-6.357	-6.357	0	%100
223	C132	X	3.67	3.67	0	%100
224	C132	Z	-6.357	-6.357	0	%100
225	C133	X	.99	.99	0	%100
226	C133	Z	-1.715	-1.715	0	%100
227	C134	X	.99	.99	0	%100
228	C134	Z	-1.715	-1.715	0	%100
229	C135	X	1.885	1.885	0	%100
230	C135	Z	-3.265	-3.265	0	%100
231	C136	X	1.885	1.885	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
232	C136	Z	-3.265	-3.265	0	%100
233	C137	X	3.203	3.203	0	%100
234	C137	Z	-5.548	-5.548	0	%100
235	C138	X	3.203	3.203	0	%100
236	C138	Z	-5.548	-5.548	0	%100
237	MP1C	X	4.884	4.884	0	%100
238	MP1C	Z	-8.46	-8.46	0	%100
239	MP2C	X	5.912	5.912	0	%100
240	MP2C	Z	-10.241	-10.241	0	%100
241	MP3C	X	4.884	4.884	0	%100
242	MP3C	Z	-8.46	-8.46	0	%100
243	MP4C	X	4.884	4.884	0	%100
244	MP4C	Z	-8.46	-8.46	0	%100
245	MP5C	X	4.884	4.884	0	%100
246	MP5C	Z	-8.46	-8.46	0	%100
247	M156	X	4.871	4.871	0	%100
248	M156	Z	-8.437	-8.437	0	%100
249	M155	X	4.348	4.348	0	%100
250	M155	Z	-7.531	-7.531	0	%100
251	M156A	X	2.055	2.055	0	%100
252	M156A	Z	-3.56	-3.56	0	%100
253	M157	X	1.009	1.009	0	%100
254	M157	Z	-1.747	-1.747	0	%100
255	M158	X	2.811	2.811	0	%100
256	M158	Z	-4.869	-4.869	0	%100
257	M159	X	.034	.034	0	%100
258	M159	Z	-.058	-.058	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.089	.089	0	%100
2	A1	Z	-.052	-.052	0	%100
3	A2	X	1.246	1.246	0	%100
4	A2	Z	-.719	-.719	0	%100
5	A3	X	.089	.089	0	%100
6	A3	Z	-.052	-.052	0	%100
7	A4	X	1.246	1.246	0	%100
8	A4	Z	-.719	-.719	0	%100
9	A5	X	9.249	9.249	0	%100
10	A5	Z	-5.34	-5.34	0	%100
11	A6	X	9.249	9.249	0	%100
12	A6	Z	-5.34	-5.34	0	%100
13	A7	X	9.249	9.249	0	%100
14	A7	Z	-5.34	-5.34	0	%100
15	A8	X	2.179	2.179	0	%100
16	A8	Z	-1.258	-1.258	0	%100
17	A9	X	2.179	2.179	0	%100
18	A9	Z	-1.258	-1.258	0	%100
19	A10	X	2.179	2.179	0	%100
20	A10	Z	-1.258	-1.258	0	%100
21	A11	X	9.249	9.249	0	%100
22	A11	Z	-5.34	-5.34	0	%100
23	A12	X	9.249	9.249	0	%100
24	A12	Z	-5.34	-5.34	0	%100
25	A13	X	9.249	9.249	0	%100
26	A13	Z	-5.34	-5.34	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
27	A14	X	2.179	2.179	0	%100
28	A14	Z	-1.258	-1.258	0	%100
29	A15	X	2.179	2.179	0	%100
30	A15	Z	-1.258	-1.258	0	%100
31	A16	X	2.179	2.179	0	%100
32	A16	Z	-1.258	-1.258	0	%100
33	A17	X	5.378	5.378	0	%100
34	A17	Z	-3.105	-3.105	0	%100
35	A18	X	5.378	5.378	0	%100
36	A18	Z	-3.105	-3.105	0	%100
37	A19	X	5.378	5.378	0	%100
38	A19	Z	-3.105	-3.105	0	%100
39	A20	X	5.378	5.378	0	%100
40	A20	Z	-3.105	-3.105	0	%100
41	A21	X	2.56	2.56	0	%100
42	A21	Z	-1.478	-1.478	0	%100
43	A22	X	2.56	2.56	0	%100
44	A22	Z	-1.478	-1.478	0	%100
45	A23	X	7.892	7.892	0	%100
46	A23	Z	-4.557	-4.557	0	%100
47	A24	X	.566	.566	0	%100
48	A24	Z	-.327	-.327	0	%100
49	A25	X	7.892	7.892	0	%100
50	A25	Z	-4.557	-4.557	0	%100
51	A26	X	.566	.566	0	%100
52	A26	Z	-.327	-.327	0	%100
53	A27	X	2.358	2.358	0	%100
54	A27	Z	-1.362	-1.362	0	%100
55	A28	X	2.358	2.358	0	%100
56	A28	Z	-1.362	-1.362	0	%100
57	A29	X	6.357	6.357	0	%100
58	A29	Z	-3.67	-3.67	0	%100
59	A30	X	6.357	6.357	0	%100
60	A30	Z	-3.67	-3.67	0	%100
61	A31	X	11.741	11.741	0	%100
62	A31	Z	-6.779	-6.779	0	%100
63	A32	X	11.741	11.741	0	%100
64	A32	Z	-6.779	-6.779	0	%100
65	A33	X	5.41	5.41	0	%100
66	A33	Z	-3.124	-3.124	0	%100
67	A34	X	5.41	5.41	0	%100
68	A34	Z	-3.124	-3.124	0	%100
69	A35	X	3.403	3.403	0	%100
70	A35	Z	-1.964	-1.964	0	%100
71	A36	X	3.403	3.403	0	%100
72	A36	Z	-1.964	-1.964	0	%100
73	MP1A	X	8.46	8.46	0	%100
74	MP1A	Z	-4.884	-4.884	0	%100
75	MP2A	X	10.241	10.241	0	%100
76	MP2A	Z	-5.912	-5.912	0	%100
77	MP3A	X	8.46	8.46	0	%100
78	MP3A	Z	-4.884	-4.884	0	%100
79	MP4A	X	8.46	8.46	0	%100
80	MP4A	Z	-4.884	-4.884	0	%100
81	MP5A	X	8.46	8.46	0	%100
82	MP5A	Z	-4.884	-4.884	0	%100
83	B52	X	1.097	1.097	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
84	B52	Z	-.633	-.633	0	%100
85	B53	X	.238	.238	0	%100
86	B53	Z	-.138	-.138	0	%100
87	B54	X	1.097	1.097	0	%100
88	B54	Z	-.633	-.633	0	%100
89	B55	X	.238	.238	0	%100
90	B55	Z	-.138	-.138	0	%100
91	B56	X	3.09	3.09	0	%100
92	B56	Z	-1.784	-1.784	0	%100
93	B57	X	3.09	3.09	0	%100
94	B57	Z	-1.784	-1.784	0	%100
95	B58	X	3.09	3.09	0	%100
96	B58	Z	-1.784	-1.784	0	%100
97	B59	X	8.337	8.337	0	%100
98	B59	Z	-4.814	-4.814	0	%100
99	B60	X	8.337	8.337	0	%100
100	B60	Z	-4.814	-4.814	0	%100
101	B61	X	8.337	8.337	0	%100
102	B61	Z	-4.814	-4.814	0	%100
103	B62	X	3.09	3.09	0	%100
104	B62	Z	-1.784	-1.784	0	%100
105	B63	X	3.09	3.09	0	%100
106	B63	Z	-1.784	-1.784	0	%100
107	B64	X	3.09	3.09	0	%100
108	B64	Z	-1.784	-1.784	0	%100
109	B65	X	8.337	8.337	0	%100
110	B65	Z	-4.814	-4.814	0	%100
111	B66	X	8.337	8.337	0	%100
112	B66	Z	-4.814	-4.814	0	%100
113	B67	X	8.337	8.337	0	%100
114	B67	Z	-4.814	-4.814	0	%100
115	B68	X	5.378	5.378	0	%100
116	B68	Z	-3.105	-3.105	0	%100
117	B69	X	5.378	5.378	0	%100
118	B69	Z	-3.105	-3.105	0	%100
119	B70	X	5.378	5.378	0	%100
120	B70	Z	-3.105	-3.105	0	%100
121	B71	X	5.378	5.378	0	%100
122	B71	Z	-3.105	-3.105	0	%100
123	B72	X	1.198	1.198	0	%100
124	B72	Z	-.692	-.692	0	%100
125	B73	X	1.198	1.198	0	%100
126	B73	Z	-.692	-.692	0	%100
127	B74	X	1.51	1.51	0	%100
128	B74	Z	-.872	-.872	0	%100
129	B75	X	6.948	6.948	0	%100
130	B75	Z	-4.011	-4.011	0	%100
131	B76	X	1.51	1.51	0	%100
132	B76	Z	-.872	-.872	0	%100
133	B77	X	6.948	6.948	0	%100
134	B77	Z	-4.011	-4.011	0	%100
135	B78	X	10.532	10.532	0	%100
136	B78	Z	-6.081	-6.081	0	%100
137	B79	X	10.532	10.532	0	%100
138	B79	Z	-6.081	-6.081	0	%100
139	B80	X	6.357	6.357	0	%100
140	B80	Z	-3.67	-3.67	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
141	B81	X	6.357	6.357	0	%100
142	B81	Z	-3.67	-3.67	0	%100
143	B82	X	3.568	3.568	0	%100
144	B82	Z	-2.06	-2.06	0	%100
145	B83	X	3.568	3.568	0	%100
146	B83	Z	-2.06	-2.06	0	%100
147	B84	X	3.661	3.661	0	%100
148	B84	Z	-2.114	-2.114	0	%100
149	B85	X	3.661	3.661	0	%100
150	B85	Z	-2.114	-2.114	0	%100
151	B86	X	5.151	5.151	0	%100
152	B86	Z	-2.974	-2.974	0	%100
153	B87	X	5.151	5.151	0	%100
154	B87	Z	-2.974	-2.974	0	%100
155	MP1B	X	8.46	8.46	0	%100
156	MP1B	Z	-4.884	-4.884	0	%100
157	MP2B	X	10.241	10.241	0	%100
158	MP2B	Z	-5.912	-5.912	0	%100
159	MP3B	X	8.46	8.46	0	%100
160	MP3B	Z	-4.884	-4.884	0	%100
161	MP4B	X	8.46	8.46	0	%100
162	MP4B	Z	-4.884	-4.884	0	%100
163	MP5B	X	8.46	8.46	0	%100
164	MP5B	Z	-4.884	-4.884	0	%100
165	C103	X	.896	.896	0	%100
166	C103	Z	-.518	-.518	0	%100
167	C104	X	.44	.44	0	%100
168	C104	Z	-.254	-.254	0	%100
169	C105	X	.896	.896	0	%100
170	C105	Z	-.518	-.518	0	%100
171	C106	X	.44	.44	0	%100
172	C106	Z	-.254	-.254	0	%100
173	C107	X	4.318	4.318	0	%100
174	C107	Z	-2.493	-2.493	0	%100
175	C108	X	4.318	4.318	0	%100
176	C108	Z	-2.493	-2.493	0	%100
177	C109	X	4.318	4.318	0	%100
178	C109	Z	-2.493	-2.493	0	%100
179	C110	X	7.11	7.11	0	%100
180	C110	Z	-4.105	-4.105	0	%100
181	C111	X	7.11	7.11	0	%100
182	C111	Z	-4.105	-4.105	0	%100
183	C112	X	7.11	7.11	0	%100
184	C112	Z	-4.105	-4.105	0	%100
185	C113	X	4.318	4.318	0	%100
186	C113	Z	-2.493	-2.493	0	%100
187	C114	X	4.318	4.318	0	%100
188	C114	Z	-2.493	-2.493	0	%100
189	C115	X	4.318	4.318	0	%100
190	C115	Z	-2.493	-2.493	0	%100
191	C116	X	7.11	7.11	0	%100
192	C116	Z	-4.105	-4.105	0	%100
193	C117	X	7.11	7.11	0	%100
194	C117	Z	-4.105	-4.105	0	%100
195	C118	X	7.11	7.11	0	%100
196	C118	Z	-4.105	-4.105	0	%100
197	C119	X	5.378	5.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
198	C119	Z	-3.105	-3.105	0	%100
199	C120	X	5.378	5.378	0	%100
200	C120	Z	-3.105	-3.105	0	%100
201	C121	X	5.378	5.378	0	%100
202	C121	Z	-3.105	-3.105	0	%100
203	C122	X	5.378	5.378	0	%100
204	C122	Z	-3.105	-3.105	0	%100
205	C123	X	9.932	9.932	0	%100
206	C123	Z	-5.734	-5.734	0	%100
207	C124	X	9.932	9.932	0	%100
208	C124	Z	-5.734	-5.734	0	%100
209	C125	X	2.784	2.784	0	%100
210	C125	Z	-1.607	-1.607	0	%100
211	C126	X	5.678	5.678	0	%100
212	C126	Z	-3.278	-3.278	0	%100
213	C127	X	2.784	2.784	0	%100
214	C127	Z	-1.607	-1.607	0	%100
215	C128	X	5.678	5.678	0	%100
216	C128	Z	-3.278	-3.278	0	%100
217	C129	X	8.902	8.902	0	%100
218	C129	Z	-5.14	-5.14	0	%100
219	C130	X	8.902	8.902	0	%100
220	C130	Z	-5.14	-5.14	0	%100
221	C131	X	6.357	6.357	0	%100
222	C131	Z	-3.67	-3.67	0	%100
223	C132	X	6.357	6.357	0	%100
224	C132	Z	-3.67	-3.67	0	%100
225	C133	X	5.197	5.197	0	%100
226	C133	Z	-3	-3	0	%100
227	C134	X	5.197	5.197	0	%100
228	C134	Z	-3	-3	0	%100
229	C135	X	4.01	4.01	0	%100
230	C135	Z	-2.315	-2.315	0	%100
231	C136	X	4.01	4.01	0	%100
232	C136	Z	-2.315	-2.315	0	%100
233	C137	X	4.803	4.803	0	%100
234	C137	Z	-2.773	-2.773	0	%100
235	C138	X	4.803	4.803	0	%100
236	C138	Z	-2.773	-2.773	0	%100
237	MP1C	X	8.46	8.46	0	%100
238	MP1C	Z	-4.884	-4.884	0	%100
239	MP2C	X	10.241	10.241	0	%100
240	MP2C	Z	-5.912	-5.912	0	%100
241	MP3C	X	8.46	8.46	0	%100
242	MP3C	Z	-4.884	-4.884	0	%100
243	MP4C	X	8.46	8.46	0	%100
244	MP4C	Z	-4.884	-4.884	0	%100
245	MP5C	X	8.46	8.46	0	%100
246	MP5C	Z	-4.884	-4.884	0	%100
247	M156	X	5.954	5.954	0	%100
248	M156	Z	-3.438	-3.438	0	%100
249	M155	X	3.59	3.59	0	%100
250	M155	Z	-2.073	-2.073	0	%100
251	M156A	X	7.512	7.512	0	%100
252	M156A	Z	-4.337	-4.337	0	%100
253	M157	X	.023	.023	0	%100
254	M157	Z	-.013	-.013	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
255	M158	X	8.171	8.171	0	%100
256	M158	Z	-4.717	-4.717	0	%100
257	M159	X	1.539	1.539	0	%100
258	M159	Z	-.889	-.889	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.771	.771	0	%100
2	A1	Z	0	0	0	%100
3	A2	X	.771	.771	0	%100
4	A2	Z	0	0	0	%100
5	A3	X	.771	.771	0	%100
6	A3	Z	0	0	0	%100
7	A4	X	.771	.771	0	%100
8	A4	Z	0	0	0	%100
9	A5	X	6.598	6.598	0	%100
10	A5	Z	0	0	0	%100
11	A6	X	6.598	6.598	0	%100
12	A6	Z	0	0	0	%100
13	A7	X	6.598	6.598	0	%100
14	A7	Z	0	0	0	%100
15	A8	X	6.598	6.598	0	%100
16	A8	Z	0	0	0	%100
17	A9	X	6.598	6.598	0	%100
18	A9	Z	0	0	0	%100
19	A10	X	6.598	6.598	0	%100
20	A10	Z	0	0	0	%100
21	A11	X	6.598	6.598	0	%100
22	A11	Z	0	0	0	%100
23	A12	X	6.598	6.598	0	%100
24	A12	Z	0	0	0	%100
25	A13	X	6.598	6.598	0	%100
26	A13	Z	0	0	0	%100
27	A14	X	6.598	6.598	0	%100
28	A14	Z	0	0	0	%100
29	A15	X	6.598	6.598	0	%100
30	A15	Z	0	0	0	%100
31	A16	X	6.598	6.598	0	%100
32	A16	Z	0	0	0	%100
33	A17	X	6.21	6.21	0	%100
34	A17	Z	0	0	0	%100
35	A18	X	6.21	6.21	0	%100
36	A18	Z	0	0	0	%100
37	A19	X	6.21	6.21	0	%100
38	A19	Z	0	0	0	%100
39	A20	X	6.21	6.21	0	%100
40	A20	Z	0	0	0	%100
41	A21	X	0	0	0	%100
42	A21	Z	0	0	0	%100
43	A22	X	0	0	0	%100
44	A22	Z	0	0	0	%100
45	A23	X	4.883	4.883	0	%100
46	A23	Z	0	0	0	%100
47	A24	X	4.883	4.883	0	%100
48	A24	Z	0	0	0	%100
49	A25	X	4.883	4.883	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
50	A25	Z	0	0	0	%100
51	A26	X	4.883	4.883	0	%100
52	A26	Z	0	0	0	%100
53	A27	X	8.14	8.14	0	%100
54	A27	Z	0	0	0	%100
55	A28	X	8.14	8.14	0	%100
56	A28	Z	0	0	0	%100
57	A29	X	7.341	7.341	0	%100
58	A29	Z	0	0	0	%100
59	A30	X	7.341	7.341	0	%100
60	A30	Z	0	0	0	%100
61	A31	X	8.14	8.14	0	%100
62	A31	Z	0	0	0	%100
63	A32	X	8.14	8.14	0	%100
64	A32	Z	0	0	0	%100
65	A33	X	5.088	5.088	0	%100
66	A33	Z	0	0	0	%100
67	A34	X	5.088	5.088	0	%100
68	A34	Z	0	0	0	%100
69	A35	X	5.088	5.088	0	%100
70	A35	Z	0	0	0	%100
71	A36	X	5.088	5.088	0	%100
72	A36	Z	0	0	0	%100
73	MP1A	X	9.768	9.768	0	%100
74	MP1A	Z	0	0	0	%100
75	MP2A	X	11.825	11.825	0	%100
76	MP2A	Z	0	0	0	%100
77	MP3A	X	9.768	9.768	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	9.768	9.768	0	%100
80	MP4A	Z	0	0	0	%100
81	MP5A	X	9.768	9.768	0	%100
82	MP5A	Z	0	0	0	%100
83	B52	X	1.531	1.531	0	%100
84	B52	Z	0	0	0	%100
85	B53	X	.012	.012	0	%100
86	B53	Z	0	0	0	%100
87	B54	X	1.531	1.531	0	%100
88	B54	Z	0	0	0	%100
89	B55	X	.012	.012	0	%100
90	B55	Z	0	0	0	%100
91	B56	X	1.957	1.957	0	%100
92	B56	Z	0	0	0	%100
93	B57	X	1.957	1.957	0	%100
94	B57	Z	0	0	0	%100
95	B58	X	1.957	1.957	0	%100
96	B58	Z	0	0	0	%100
97	B59	X	11.239	11.239	0	%100
98	B59	Z	0	0	0	%100
99	B60	X	11.239	11.239	0	%100
100	B60	Z	0	0	0	%100
101	B61	X	11.239	11.239	0	%100
102	B61	Z	0	0	0	%100
103	B62	X	1.957	1.957	0	%100
104	B62	Z	0	0	0	%100
105	B63	X	1.957	1.957	0	%100
106	B63	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
107	B64	X	1.957	1.957	0	%100
108	B64	Z	0	0	0	%100
109	B65	X	11.239	11.239	0	%100
110	B65	Z	0	0	0	%100
111	B66	X	11.239	11.239	0	%100
112	B66	Z	0	0	0	%100
113	B67	X	11.239	11.239	0	%100
114	B67	Z	0	0	0	%100
115	B68	X	6.21	6.21	0	%100
116	B68	Z	0	0	0	%100
117	B69	X	6.21	6.21	0	%100
118	B69	Z	0	0	0	%100
119	B70	X	6.21	6.21	0	%100
120	B70	Z	0	0	0	%100
121	B71	X	6.21	6.21	0	%100
122	B71	Z	0	0	0	%100
123	B72	X	6.939	6.939	0	%100
124	B72	Z	0	0	0	%100
125	B73	X	6.939	6.939	0	%100
126	B73	Z	0	0	0	%100
127	B74	X	.074	.074	0	%100
128	B74	Z	0	0	0	%100
129	B75	X	9.694	9.694	0	%100
130	B75	Z	0	0	0	%100
131	B76	X	.074	.074	0	%100
132	B76	Z	0	0	0	%100
133	B77	X	9.694	9.694	0	%100
134	B77	Z	0	0	0	%100
135	B78	X	14.3	14.3	0	%100
136	B78	Z	0	0	0	%100
137	B79	X	14.3	14.3	0	%100
138	B79	Z	0	0	0	%100
139	B80	X	7.341	7.341	0	%100
140	B80	Z	0	0	0	%100
141	B81	X	7.341	7.341	0	%100
142	B81	Z	0	0	0	%100
143	B82	X	1.98	1.98	0	%100
144	B82	Z	0	0	0	%100
145	B83	X	1.98	1.98	0	%100
146	B83	Z	0	0	0	%100
147	B84	X	3.77	3.77	0	%100
148	B84	Z	0	0	0	%100
149	B85	X	3.77	3.77	0	%100
150	B85	Z	0	0	0	%100
151	B86	X	6.406	6.406	0	%100
152	B86	Z	0	0	0	%100
153	B87	X	6.406	6.406	0	%100
154	B87	Z	0	0	0	%100
155	MP1B	X	9.768	9.768	0	%100
156	MP1B	Z	0	0	0	%100
157	MP2B	X	11.825	11.825	0	%100
158	MP2B	Z	0	0	0	%100
159	MP3B	X	9.768	9.768	0	%100
160	MP3B	Z	0	0	0	%100
161	MP4B	X	9.768	9.768	0	%100
162	MP4B	Z	0	0	0	%100
163	MP5B	X	9.768	9.768	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
164	MP5B	Z	0	0	0	%100
165	C103	X	.276	.276	0	%100
166	C103	Z	0	0	0	%100
167	C104	X	1.267	1.267	0	%100
168	C104	Z	0	0	0	%100
169	C105	X	.276	.276	0	%100
170	C105	Z	0	0	0	%100
171	C106	X	1.267	1.267	0	%100
172	C106	Z	0	0	0	%100
173	C107	X	9.627	9.627	0	%100
174	C107	Z	0	0	0	%100
175	C108	X	9.627	9.627	0	%100
176	C108	Z	0	0	0	%100
177	C109	X	9.627	9.627	0	%100
178	C109	Z	0	0	0	%100
179	C110	X	3.569	3.569	0	%100
180	C110	Z	0	0	0	%100
181	C111	X	3.569	3.569	0	%100
182	C111	Z	0	0	0	%100
183	C112	X	3.569	3.569	0	%100
184	C112	Z	0	0	0	%100
185	C113	X	9.627	9.627	0	%100
186	C113	Z	0	0	0	%100
187	C114	X	9.627	9.627	0	%100
188	C114	Z	0	0	0	%100
189	C115	X	9.627	9.627	0	%100
190	C115	Z	0	0	0	%100
191	C116	X	3.569	3.569	0	%100
192	C116	Z	0	0	0	%100
193	C117	X	3.569	3.569	0	%100
194	C117	Z	0	0	0	%100
195	C118	X	3.569	3.569	0	%100
196	C118	Z	0	0	0	%100
197	C119	X	6.21	6.21	0	%100
198	C119	Z	0	0	0	%100
199	C120	X	6.21	6.21	0	%100
200	C120	Z	0	0	0	%100
201	C121	X	6.21	6.21	0	%100
202	C121	Z	0	0	0	%100
203	C122	X	6.21	6.21	0	%100
204	C122	Z	0	0	0	%100
205	C123	X	10.442	10.442	0	%100
206	C123	Z	0	0	0	%100
207	C124	X	10.442	10.442	0	%100
208	C124	Z	0	0	0	%100
209	C125	X	8.025	8.025	0	%100
210	C125	Z	0	0	0	%100
211	C126	X	1.746	1.746	0	%100
212	C126	Z	0	0	0	%100
213	C127	X	8.025	8.025	0	%100
214	C127	Z	0	0	0	%100
215	C128	X	1.746	1.746	0	%100
216	C128	Z	0	0	0	%100
217	C129	X	4.12	4.12	0	%100
218	C129	Z	0	0	0	%100
219	C130	X	4.12	4.12	0	%100
220	C130	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
221	C131	X	7.341	7.341	0	%100
222	C131	Z	0	0	0	%100
223	C132	X	7.341	7.341	0	%100
224	C132	Z	0	0	0	%100
225	C133	X	12.161	12.161	0	%100
226	C133	Z	0	0	0	%100
227	C134	X	12.161	12.161	0	%100
228	C134	Z	0	0	0	%100
229	C135	X	5.949	5.949	0	%100
230	C135	Z	0	0	0	%100
231	C136	X	5.949	5.949	0	%100
232	C136	Z	0	0	0	%100
233	C137	X	4.228	4.228	0	%100
234	C137	Z	0	0	0	%100
235	C138	X	4.228	4.228	0	%100
236	C138	Z	0	0	0	%100
237	MP1C	X	9.768	9.768	0	%100
238	MP1C	Z	0	0	0	%100
239	MP2C	X	11.825	11.825	0	%100
240	MP2C	Z	0	0	0	%100
241	MP3C	X	9.768	9.768	0	%100
242	MP3C	Z	0	0	0	%100
243	MP4C	X	9.768	9.768	0	%100
244	MP4C	Z	0	0	0	%100
245	MP5C	X	9.768	9.768	0	%100
246	MP5C	Z	0	0	0	%100
247	M156	X	2.018	2.018	0	%100
248	M156	Z	0	0	0	%100
249	M155	X	.334	.334	0	%100
250	M155	Z	0	0	0	%100
251	M156A	X	9.447	9.447	0	%100
252	M156A	Z	0	0	0	%100
253	M157	X	2.893	2.893	0	%100
254	M157	Z	0	0	0	%100
255	M158	X	8.696	8.696	0	%100
256	M158	Z	0	0	0	%100
257	M159	X	6.594	6.594	0	%100
258	M159	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	1.246	1.246	0	%100
2	A1	Z	.719	.719	0	%100
3	A2	X	.089	.089	0	%100
4	A2	Z	.052	.052	0	%100
5	A3	X	1.246	1.246	0	%100
6	A3	Z	.719	.719	0	%100
7	A4	X	.089	.089	0	%100
8	A4	Z	.052	.052	0	%100
9	A5	X	2.179	2.179	0	%100
10	A5	Z	1.258	1.258	0	%100
11	A6	X	2.179	2.179	0	%100
12	A6	Z	1.258	1.258	0	%100
13	A7	X	2.179	2.179	0	%100
14	A7	Z	1.258	1.258	0	%100
15	A8	X	9.249	9.249	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
16	A8	Z	5.34	5.34	0	%100
17	A9	X	9.249	9.249	0	%100
18	A9	Z	5.34	5.34	0	%100
19	A10	X	9.249	9.249	0	%100
20	A10	Z	5.34	5.34	0	%100
21	A11	X	2.179	2.179	0	%100
22	A11	Z	1.258	1.258	0	%100
23	A12	X	2.179	2.179	0	%100
24	A12	Z	1.258	1.258	0	%100
25	A13	X	2.179	2.179	0	%100
26	A13	Z	1.258	1.258	0	%100
27	A14	X	9.249	9.249	0	%100
28	A14	Z	5.34	5.34	0	%100
29	A15	X	9.249	9.249	0	%100
30	A15	Z	5.34	5.34	0	%100
31	A16	X	9.249	9.249	0	%100
32	A16	Z	5.34	5.34	0	%100
33	A17	X	5.378	5.378	0	%100
34	A17	Z	3.105	3.105	0	%100
35	A18	X	5.378	5.378	0	%100
36	A18	Z	3.105	3.105	0	%100
37	A19	X	5.378	5.378	0	%100
38	A19	Z	3.105	3.105	0	%100
39	A20	X	5.378	5.378	0	%100
40	A20	Z	3.105	3.105	0	%100
41	A21	X	2.56	2.56	0	%100
42	A21	Z	1.478	1.478	0	%100
43	A22	X	2.56	2.56	0	%100
44	A22	Z	1.478	1.478	0	%100
45	A23	X	.566	.566	0	%100
46	A23	Z	.327	.327	0	%100
47	A24	X	7.892	7.892	0	%100
48	A24	Z	4.557	4.557	0	%100
49	A25	X	.566	.566	0	%100
50	A25	Z	.327	.327	0	%100
51	A26	X	7.892	7.892	0	%100
52	A26	Z	4.557	4.557	0	%100
53	A27	X	11.741	11.741	0	%100
54	A27	Z	6.779	6.779	0	%100
55	A28	X	11.741	11.741	0	%100
56	A28	Z	6.779	6.779	0	%100
57	A29	X	6.357	6.357	0	%100
58	A29	Z	3.67	3.67	0	%100
59	A30	X	6.357	6.357	0	%100
60	A30	Z	3.67	3.67	0	%100
61	A31	X	2.358	2.358	0	%100
62	A31	Z	1.362	1.362	0	%100
63	A32	X	2.358	2.358	0	%100
64	A32	Z	1.362	1.362	0	%100
65	A33	X	3.403	3.403	0	%100
66	A33	Z	1.964	1.964	0	%100
67	A34	X	3.403	3.403	0	%100
68	A34	Z	1.964	1.964	0	%100
69	A35	X	5.41	5.41	0	%100
70	A35	Z	3.124	3.124	0	%100
71	A36	X	5.41	5.41	0	%100
72	A36	Z	3.124	3.124	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
73	MP1A	X	8.46	8.46	0	%100
74	MP1A	Z	4.884	4.884	0	%100
75	MP2A	X	10.241	10.241	0	%100
76	MP2A	Z	5.912	5.912	0	%100
77	MP3A	X	8.46	8.46	0	%100
78	MP3A	Z	4.884	4.884	0	%100
79	MP4A	X	8.46	8.46	0	%100
80	MP4A	Z	4.884	4.884	0	%100
81	MP5A	X	8.46	8.46	0	%100
82	MP5A	Z	4.884	4.884	0	%100
83	B52	X	.896	.896	0	%100
84	B52	Z	.518	.518	0	%100
85	B53	X	.44	.44	0	%100
86	B53	Z	.254	.254	0	%100
87	B54	X	.896	.896	0	%100
88	B54	Z	.518	.518	0	%100
89	B55	X	.44	.44	0	%100
90	B55	Z	.254	.254	0	%100
91	B56	X	4.318	4.318	0	%100
92	B56	Z	2.493	2.493	0	%100
93	B57	X	4.318	4.318	0	%100
94	B57	Z	2.493	2.493	0	%100
95	B58	X	4.318	4.318	0	%100
96	B58	Z	2.493	2.493	0	%100
97	B59	X	7.11	7.11	0	%100
98	B59	Z	4.105	4.105	0	%100
99	B60	X	7.11	7.11	0	%100
100	B60	Z	4.105	4.105	0	%100
101	B61	X	7.11	7.11	0	%100
102	B61	Z	4.105	4.105	0	%100
103	B62	X	4.318	4.318	0	%100
104	B62	Z	2.493	2.493	0	%100
105	B63	X	4.318	4.318	0	%100
106	B63	Z	2.493	2.493	0	%100
107	B64	X	4.318	4.318	0	%100
108	B64	Z	2.493	2.493	0	%100
109	B65	X	7.11	7.11	0	%100
110	B65	Z	4.105	4.105	0	%100
111	B66	X	7.11	7.11	0	%100
112	B66	Z	4.105	4.105	0	%100
113	B67	X	7.11	7.11	0	%100
114	B67	Z	4.105	4.105	0	%100
115	B68	X	5.378	5.378	0	%100
116	B68	Z	3.105	3.105	0	%100
117	B69	X	5.378	5.378	0	%100
118	B69	Z	3.105	3.105	0	%100
119	B70	X	5.378	5.378	0	%100
120	B70	Z	3.105	3.105	0	%100
121	B71	X	5.378	5.378	0	%100
122	B71	Z	3.105	3.105	0	%100
123	B72	X	9.932	9.932	0	%100
124	B72	Z	5.734	5.734	0	%100
125	B73	X	9.932	9.932	0	%100
126	B73	Z	5.734	5.734	0	%100
127	B74	X	2.784	2.784	0	%100
128	B74	Z	1.607	1.607	0	%100
129	B75	X	5.678	5.678	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
130	B75	Z	3.278	3.278	0	%100
131	B76	X	2.784	2.784	0	%100
132	B76	Z	1.607	1.607	0	%100
133	B77	X	5.678	5.678	0	%100
134	B77	Z	3.278	3.278	0	%100
135	B78	X	8.902	8.902	0	%100
136	B78	Z	5.14	5.14	0	%100
137	B79	X	8.902	8.902	0	%100
138	B79	Z	5.14	5.14	0	%100
139	B80	X	6.357	6.357	0	%100
140	B80	Z	3.67	3.67	0	%100
141	B81	X	6.357	6.357	0	%100
142	B81	Z	3.67	3.67	0	%100
143	B82	X	5.197	5.197	0	%100
144	B82	Z	3	3	0	%100
145	B83	X	5.197	5.197	0	%100
146	B83	Z	3	3	0	%100
147	B84	X	4.01	4.01	0	%100
148	B84	Z	2.315	2.315	0	%100
149	B85	X	4.01	4.01	0	%100
150	B85	Z	2.315	2.315	0	%100
151	B86	X	4.803	4.803	0	%100
152	B86	Z	2.773	2.773	0	%100
153	B87	X	4.803	4.803	0	%100
154	B87	Z	2.773	2.773	0	%100
155	MP1B	X	8.46	8.46	0	%100
156	MP1B	Z	4.884	4.884	0	%100
157	MP2B	X	10.241	10.241	0	%100
158	MP2B	Z	5.912	5.912	0	%100
159	MP3B	X	8.46	8.46	0	%100
160	MP3B	Z	4.884	4.884	0	%100
161	MP4B	X	8.46	8.46	0	%100
162	MP4B	Z	4.884	4.884	0	%100
163	MP5B	X	8.46	8.46	0	%100
164	MP5B	Z	4.884	4.884	0	%100
165	C103	X	.01	.01	0	%100
166	C103	Z	.006	.006	0	%100
167	C104	X	1.326	1.326	0	%100
168	C104	Z	.765	.765	0	%100
169	C105	X	.01	.01	0	%100
170	C105	Z	.006	.006	0	%100
171	C106	X	1.326	1.326	0	%100
172	C106	Z	.765	.765	0	%100
173	C107	X	9.733	9.733	0	%100
174	C107	Z	5.62	5.62	0	%100
175	C108	X	9.733	9.733	0	%100
176	C108	Z	5.62	5.62	0	%100
177	C109	X	9.733	9.733	0	%100
178	C109	Z	5.62	5.62	0	%100
179	C110	X	1.695	1.695	0	%100
180	C110	Z	.978	.978	0	%100
181	C111	X	1.695	1.695	0	%100
182	C111	Z	.978	.978	0	%100
183	C112	X	1.695	1.695	0	%100
184	C112	Z	.978	.978	0	%100
185	C113	X	9.733	9.733	0	%100
186	C113	Z	5.62	5.62	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
187	C114	X	9.733	9.733	0	%100
188	C114	Z	5.62	5.62	0	%100
189	C115	X	9.733	9.733	0	%100
190	C115	Z	5.62	5.62	0	%100
191	C116	X	1.695	1.695	0	%100
192	C116	Z	.978	.978	0	%100
193	C117	X	1.695	1.695	0	%100
194	C117	Z	.978	.978	0	%100
195	C118	X	1.695	1.695	0	%100
196	C118	Z	.978	.978	0	%100
197	C119	X	5.378	5.378	0	%100
198	C119	Z	3.105	3.105	0	%100
199	C120	X	5.378	5.378	0	%100
200	C120	Z	3.105	3.105	0	%100
201	C121	X	5.378	5.378	0	%100
202	C121	Z	3.105	3.105	0	%100
203	C122	X	5.378	5.378	0	%100
204	C122	Z	3.105	3.105	0	%100
205	C123	X	4.231	4.231	0	%100
206	C123	Z	2.443	2.443	0	%100
207	C124	X	4.231	4.231	0	%100
208	C124	Z	2.443	2.443	0	%100
209	C125	X	8.395	8.395	0	%100
210	C125	Z	4.847	4.847	0	%100
211	C126	X	.064	.064	0	%100
212	C126	Z	.037	.037	0	%100
213	C127	X	8.395	8.395	0	%100
214	C127	Z	4.847	4.847	0	%100
215	C128	X	.064	.064	0	%100
216	C128	Z	.037	.037	0	%100
217	C129	X	1.715	1.715	0	%100
218	C129	Z	.99	.99	0	%100
219	C130	X	1.715	1.715	0	%100
220	C130	Z	.99	.99	0	%100
221	C131	X	6.357	6.357	0	%100
222	C131	Z	3.67	3.67	0	%100
223	C132	X	6.357	6.357	0	%100
224	C132	Z	3.67	3.67	0	%100
225	C133	X	12.385	12.385	0	%100
226	C133	Z	7.15	7.15	0	%100
227	C134	X	12.385	12.385	0	%100
228	C134	Z	7.15	7.15	0	%100
229	C135	X	5.548	5.548	0	%100
230	C135	Z	3.203	3.203	0	%100
231	C136	X	5.548	5.548	0	%100
232	C136	Z	3.203	3.203	0	%100
233	C137	X	3.265	3.265	0	%100
234	C137	Z	1.885	1.885	0	%100
235	C138	X	3.265	3.265	0	%100
236	C138	Z	1.885	1.885	0	%100
237	MP1C	X	8.46	8.46	0	%100
238	MP1C	Z	4.884	4.884	0	%100
239	MP2C	X	10.241	10.241	0	%100
240	MP2C	Z	5.912	5.912	0	%100
241	MP3C	X	8.46	8.46	0	%100
242	MP3C	Z	4.884	4.884	0	%100
243	MP4C	X	8.46	8.46	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
244	MP4C	Z	4.884	4.884	0	%100
245	MP5C	X	8.46	8.46	0	%100
246	MP5C	Z	4.884	4.884	0	%100
247	M156	X	.023	.023	0	%100
248	M156	Z	.013	.013	0	%100
249	M155	X	.929	.929	0	%100
250	M155	Z	.536	.536	0	%100
251	M156A	X	4.9	4.9	0	%100
252	M156A	Z	2.829	2.829	0	%100
253	M157	X	6.712	6.712	0	%100
254	M157	Z	3.875	3.875	0	%100
255	M158	X	3.59	3.59	0	%100
256	M158	Z	2.073	2.073	0	%100
257	M159	X	8.402	8.402	0	%100
258	M159	Z	4.851	4.851	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.72	.72	0	%100
2	A1	Z	1.246	1.246	0	%100
3	A2	X	.052	.052	0	%100
4	A2	Z	.09	.09	0	%100
5	A3	X	.72	.72	0	%100
6	A3	Z	1.246	1.246	0	%100
7	A4	X	.052	.052	0	%100
8	A4	Z	.09	.09	0	%100
9	A5	X	1.258	1.258	0	%100
10	A5	Z	2.179	2.179	0	%100
11	A6	X	1.258	1.258	0	%100
12	A6	Z	2.179	2.179	0	%100
13	A7	X	1.258	1.258	0	%100
14	A7	Z	2.179	2.179	0	%100
15	A8	X	5.34	5.34	0	%100
16	A8	Z	9.249	9.249	0	%100
17	A9	X	5.34	5.34	0	%100
18	A9	Z	9.249	9.249	0	%100
19	A10	X	5.34	5.34	0	%100
20	A10	Z	9.249	9.249	0	%100
21	A11	X	1.258	1.258	0	%100
22	A11	Z	2.179	2.179	0	%100
23	A12	X	1.258	1.258	0	%100
24	A12	Z	2.179	2.179	0	%100
25	A13	X	1.258	1.258	0	%100
26	A13	Z	2.179	2.179	0	%100
27	A14	X	5.34	5.34	0	%100
28	A14	Z	9.249	9.249	0	%100
29	A15	X	5.34	5.34	0	%100
30	A15	Z	9.249	9.249	0	%100
31	A16	X	5.34	5.34	0	%100
32	A16	Z	9.249	9.249	0	%100
33	A17	X	3.105	3.105	0	%100
34	A17	Z	5.378	5.378	0	%100
35	A18	X	3.105	3.105	0	%100
36	A18	Z	5.378	5.378	0	%100
37	A19	X	3.105	3.105	0	%100
38	A19	Z	5.378	5.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
39	A20	X	3.105	3.105	0	%100
40	A20	Z	5.378	5.378	0	%100
41	A21	X	4.434	4.434	0	%100
42	A21	Z	7.68	7.68	0	%100
43	A22	X	4.434	4.434	0	%100
44	A22	Z	7.68	7.68	0	%100
45	A23	X	.328	.328	0	%100
46	A23	Z	.567	.567	0	%100
47	A24	X	4.557	4.557	0	%100
48	A24	Z	7.894	7.894	0	%100
49	A25	X	.328	.328	0	%100
50	A25	Z	.567	.567	0	%100
51	A26	X	4.557	4.557	0	%100
52	A26	Z	7.894	7.894	0	%100
53	A27	X	6.779	6.779	0	%100
54	A27	Z	11.741	11.741	0	%100
55	A28	X	6.779	6.779	0	%100
56	A28	Z	11.741	11.741	0	%100
57	A29	X	3.67	3.67	0	%100
58	A29	Z	6.357	6.357	0	%100
59	A30	X	3.67	3.67	0	%100
60	A30	Z	6.357	6.357	0	%100
61	A31	X	1.362	1.362	0	%100
62	A31	Z	2.358	2.358	0	%100
63	A32	X	1.362	1.362	0	%100
64	A32	Z	2.358	2.358	0	%100
65	A33	X	1.965	1.965	0	%100
66	A33	Z	3.403	3.403	0	%100
67	A34	X	1.965	1.965	0	%100
68	A34	Z	3.403	3.403	0	%100
69	A35	X	3.124	3.124	0	%100
70	A35	Z	5.41	5.41	0	%100
71	A36	X	3.124	3.124	0	%100
72	A36	Z	5.41	5.41	0	%100
73	MP1A	X	4.884	4.884	0	%100
74	MP1A	Z	8.46	8.46	0	%100
75	MP2A	X	5.912	5.912	0	%100
76	MP2A	Z	10.241	10.241	0	%100
77	MP3A	X	4.884	4.884	0	%100
78	MP3A	Z	8.46	8.46	0	%100
79	MP4A	X	4.884	4.884	0	%100
80	MP4A	Z	8.46	8.46	0	%100
81	MP5A	X	4.884	4.884	0	%100
82	MP5A	Z	8.46	8.46	0	%100
83	B52	X	.138	.138	0	%100
84	B52	Z	.239	.239	0	%100
85	B53	X	.634	.634	0	%100
86	B53	Z	1.097	1.097	0	%100
87	B54	X	.138	.138	0	%100
88	B54	Z	.239	.239	0	%100
89	B55	X	.634	.634	0	%100
90	B55	Z	1.097	1.097	0	%100
91	B56	X	4.814	4.814	0	%100
92	B56	Z	8.337	8.337	0	%100
93	B57	X	4.814	4.814	0	%100
94	B57	Z	8.337	8.337	0	%100
95	B58	X	4.814	4.814	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
96	B58	Z	8.337	8.337	0	%100
97	B59	X	1.784	1.784	0	%100
98	B59	Z	3.09	3.09	0	%100
99	B60	X	1.784	1.784	0	%100
100	B60	Z	3.09	3.09	0	%100
101	B61	X	1.784	1.784	0	%100
102	B61	Z	3.09	3.09	0	%100
103	B62	X	4.814	4.814	0	%100
104	B62	Z	8.337	8.337	0	%100
105	B63	X	4.814	4.814	0	%100
106	B63	Z	8.337	8.337	0	%100
107	B64	X	4.814	4.814	0	%100
108	B64	Z	8.337	8.337	0	%100
109	B65	X	1.784	1.784	0	%100
110	B65	Z	3.09	3.09	0	%100
111	B66	X	1.784	1.784	0	%100
112	B66	Z	3.09	3.09	0	%100
113	B67	X	1.784	1.784	0	%100
114	B67	Z	3.09	3.09	0	%100
115	B68	X	3.105	3.105	0	%100
116	B68	Z	5.378	5.378	0	%100
117	B69	X	3.105	3.105	0	%100
118	B69	Z	5.378	5.378	0	%100
119	B70	X	3.105	3.105	0	%100
120	B70	Z	5.378	5.378	0	%100
121	B71	X	3.105	3.105	0	%100
122	B71	Z	5.378	5.378	0	%100
123	B72	X	5.221	5.221	0	%100
124	B72	Z	9.043	9.043	0	%100
125	B73	X	5.221	5.221	0	%100
126	B73	Z	9.043	9.043	0	%100
127	B74	X	4.012	4.012	0	%100
128	B74	Z	6.95	6.95	0	%100
129	B75	X	.873	.873	0	%100
130	B75	Z	1.512	1.512	0	%100
131	B76	X	4.012	4.012	0	%100
132	B76	Z	6.95	6.95	0	%100
133	B77	X	.873	.873	0	%100
134	B77	Z	1.512	1.512	0	%100
135	B78	X	2.06	2.06	0	%100
136	B78	Z	3.568	3.568	0	%100
137	B79	X	2.06	2.06	0	%100
138	B79	Z	3.568	3.568	0	%100
139	B80	X	3.67	3.67	0	%100
140	B80	Z	6.357	6.357	0	%100
141	B81	X	3.67	3.67	0	%100
142	B81	Z	6.357	6.357	0	%100
143	B82	X	6.081	6.081	0	%100
144	B82	Z	10.532	10.532	0	%100
145	B83	X	6.081	6.081	0	%100
146	B83	Z	10.532	10.532	0	%100
147	B84	X	2.974	2.974	0	%100
148	B84	Z	5.152	5.152	0	%100
149	B85	X	2.974	2.974	0	%100
150	B85	Z	5.152	5.152	0	%100
151	B86	X	2.114	2.114	0	%100
152	B86	Z	3.662	3.662	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
153	B87	X	2.114	2.114	0	%100
154	B87	Z	3.662	3.662	0	%100
155	MP1B	X	4.884	4.884	0	%100
156	MP1B	Z	8.46	8.46	0	%100
157	MP2B	X	5.912	5.912	0	%100
158	MP2B	Z	10.241	10.241	0	%100
159	MP3B	X	4.884	4.884	0	%100
160	MP3B	Z	8.46	8.46	0	%100
161	MP4B	X	4.884	4.884	0	%100
162	MP4B	Z	8.46	8.46	0	%100
163	MP5B	X	4.884	4.884	0	%100
164	MP5B	Z	8.46	8.46	0	%100
165	C103	X	.254	.254	0	%100
166	C103	Z	.439	.439	0	%100
167	C104	X	.517	.517	0	%100
168	C104	Z	.896	.896	0	%100
169	C105	X	.254	.254	0	%100
170	C105	Z	.439	.439	0	%100
171	C106	X	.517	.517	0	%100
172	C106	Z	.896	.896	0	%100
173	C107	X	4.105	4.105	0	%100
174	C107	Z	7.11	7.11	0	%100
175	C108	X	4.105	4.105	0	%100
176	C108	Z	7.11	7.11	0	%100
177	C109	X	4.105	4.105	0	%100
178	C109	Z	7.11	7.11	0	%100
179	C110	X	2.493	2.493	0	%100
180	C110	Z	4.318	4.318	0	%100
181	C111	X	2.493	2.493	0	%100
182	C111	Z	4.318	4.318	0	%100
183	C112	X	2.493	2.493	0	%100
184	C112	Z	4.318	4.318	0	%100
185	C113	X	4.105	4.105	0	%100
186	C113	Z	7.11	7.11	0	%100
187	C114	X	4.105	4.105	0	%100
188	C114	Z	7.11	7.11	0	%100
189	C115	X	4.105	4.105	0	%100
190	C115	Z	7.11	7.11	0	%100
191	C116	X	2.493	2.493	0	%100
192	C116	Z	4.318	4.318	0	%100
193	C117	X	2.493	2.493	0	%100
194	C117	Z	4.318	4.318	0	%100
195	C118	X	2.493	2.493	0	%100
196	C118	Z	4.318	4.318	0	%100
197	C119	X	3.105	3.105	0	%100
198	C119	Z	5.378	5.378	0	%100
199	C120	X	3.105	3.105	0	%100
200	C120	Z	5.378	5.378	0	%100
201	C121	X	3.105	3.105	0	%100
202	C121	Z	5.378	5.378	0	%100
203	C122	X	3.105	3.105	0	%100
204	C122	Z	5.378	5.378	0	%100
205	C123	X	.178	.178	0	%100
206	C123	Z	.309	.309	0	%100
207	C124	X	.178	.178	0	%100
208	C124	Z	.309	.309	0	%100
209	C125	X	3.277	3.277	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
210	C125	Z	5.675	5.675	0	%100
211	C126	X	1.606	1.606	0	%100
212	C126	Z	2.782	2.782	0	%100
213	C127	X	3.277	3.277	0	%100
214	C127	Z	5.675	5.675	0	%100
215	C128	X	1.606	1.606	0	%100
216	C128	Z	2.782	2.782	0	%100
217	C129	X	3	3	0	%100
218	C129	Z	5.197	5.197	0	%100
219	C130	X	3	3	0	%100
220	C130	Z	5.197	5.197	0	%100
221	C131	X	3.67	3.67	0	%100
222	C131	Z	6.357	6.357	0	%100
223	C132	X	3.67	3.67	0	%100
224	C132	Z	6.357	6.357	0	%100
225	C133	X	5.14	5.14	0	%100
226	C133	Z	8.902	8.902	0	%100
227	C134	X	5.14	5.14	0	%100
228	C134	Z	8.902	8.902	0	%100
229	C135	X	2.773	2.773	0	%100
230	C135	Z	4.803	4.803	0	%100
231	C136	X	2.773	2.773	0	%100
232	C136	Z	4.803	4.803	0	%100
233	C137	X	2.315	2.315	0	%100
234	C137	Z	4.01	4.01	0	%100
235	C138	X	2.315	2.315	0	%100
236	C138	Z	4.01	4.01	0	%100
237	MP1C	X	4.884	4.884	0	%100
238	MP1C	Z	8.46	8.46	0	%100
239	MP2C	X	5.912	5.912	0	%100
240	MP2C	Z	10.241	10.241	0	%100
241	MP3C	X	4.884	4.884	0	%100
242	MP3C	Z	8.46	8.46	0	%100
243	MP4C	X	4.884	4.884	0	%100
244	MP4C	Z	8.46	8.46	0	%100
245	MP5C	X	4.884	4.884	0	%100
246	MP5C	Z	8.46	8.46	0	%100
247	M156	X	1.446	1.446	0	%100
248	M156	Z	2.505	2.505	0	%100
249	M155	X	2.811	2.811	0	%100
250	M155	Z	4.869	4.869	0	%100
251	M156A	X	.547	.547	0	%100
252	M156A	Z	.948	.948	0	%100
253	M157	X	4.871	4.871	0	%100
254	M157	Z	8.437	8.437	0	%100
255	M158	X	.167	.167	0	%100
256	M158	Z	.289	.289	0	%100
257	M159	X	3.996	3.996	0	%100
258	M159	Z	6.92	6.92	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	0	0	0	%100
2	A1	Z	.771	.771	0	%100
3	A2	X	0	0	0	%100
4	A2	Z	.771	.771	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
5	A3	X	0	0	0	%100
6	A3	Z	.771	.771	0	%100
7	A4	X	0	0	0	%100
8	A4	Z	.771	.771	0	%100
9	A5	X	0	0	0	%100
10	A5	Z	6.598	6.598	0	%100
11	A6	X	0	0	0	%100
12	A6	Z	6.598	6.598	0	%100
13	A7	X	0	0	0	%100
14	A7	Z	6.598	6.598	0	%100
15	A8	X	0	0	0	%100
16	A8	Z	6.598	6.598	0	%100
17	A9	X	0	0	0	%100
18	A9	Z	6.598	6.598	0	%100
19	A10	X	0	0	0	%100
20	A10	Z	6.598	6.598	0	%100
21	A11	X	0	0	0	%100
22	A11	Z	6.598	6.598	0	%100
23	A12	X	0	0	0	%100
24	A12	Z	6.598	6.598	0	%100
25	A13	X	0	0	0	%100
26	A13	Z	6.598	6.598	0	%100
27	A14	X	0	0	0	%100
28	A14	Z	6.598	6.598	0	%100
29	A15	X	0	0	0	%100
30	A15	Z	6.598	6.598	0	%100
31	A16	X	0	0	0	%100
32	A16	Z	6.598	6.598	0	%100
33	A17	X	0	0	0	%100
34	A17	Z	6.21	6.21	0	%100
35	A18	X	0	0	0	%100
36	A18	Z	6.21	6.21	0	%100
37	A19	X	0	0	0	%100
38	A19	Z	6.21	6.21	0	%100
39	A20	X	0	0	0	%100
40	A20	Z	6.21	6.21	0	%100
41	A21	X	0	0	0	%100
42	A21	Z	11.825	11.825	0	%100
43	A22	X	0	0	0	%100
44	A22	Z	11.825	11.825	0	%100
45	A23	X	0	0	0	%100
46	A23	Z	4.886	4.886	0	%100
47	A24	X	0	0	0	%100
48	A24	Z	4.886	4.886	0	%100
49	A25	X	0	0	0	%100
50	A25	Z	4.886	4.886	0	%100
51	A26	X	0	0	0	%100
52	A26	Z	4.886	4.886	0	%100
53	A27	X	0	0	0	%100
54	A27	Z	8.14	8.14	0	%100
55	A28	X	0	0	0	%100
56	A28	Z	8.14	8.14	0	%100
57	A29	X	0	0	0	%100
58	A29	Z	7.341	7.341	0	%100
59	A30	X	0	0	0	%100
60	A30	Z	7.341	7.341	0	%100
61	A31	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
62	A31	Z	8.14	8.14	0	%100
63	A32	X	0	0	0	%100
64	A32	Z	8.14	8.14	0	%100
65	A33	X	0	0	0	%100
66	A33	Z	5.089	5.089	0	%100
67	A34	X	0	0	0	%100
68	A34	Z	5.089	5.089	0	%100
69	A35	X	0	0	0	%100
70	A35	Z	5.089	5.089	0	%100
71	A36	X	0	0	0	%100
72	A36	Z	5.089	5.089	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	9.768	9.768	0	%100
75	MP2A	X	0	0	0	%100
76	MP2A	Z	11.825	11.825	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	9.768	9.768	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	9.768	9.768	0	%100
81	MP5A	X	0	0	0	%100
82	MP5A	Z	9.768	9.768	0	%100
83	B52	X	0	0	0	%100
84	B52	Z	.012	.012	0	%100
85	B53	X	0	0	0	%100
86	B53	Z	1.531	1.531	0	%100
87	B54	X	0	0	0	%100
88	B54	Z	.012	.012	0	%100
89	B55	X	0	0	0	%100
90	B55	Z	1.531	1.531	0	%100
91	B56	X	0	0	0	%100
92	B56	Z	11.239	11.239	0	%100
93	B57	X	0	0	0	%100
94	B57	Z	11.239	11.239	0	%100
95	B58	X	0	0	0	%100
96	B58	Z	11.239	11.239	0	%100
97	B59	X	0	0	0	%100
98	B59	Z	1.957	1.957	0	%100
99	B60	X	0	0	0	%100
100	B60	Z	1.957	1.957	0	%100
101	B61	X	0	0	0	%100
102	B61	Z	1.957	1.957	0	%100
103	B62	X	0	0	0	%100
104	B62	Z	11.239	11.239	0	%100
105	B63	X	0	0	0	%100
106	B63	Z	11.239	11.239	0	%100
107	B64	X	0	0	0	%100
108	B64	Z	11.239	11.239	0	%100
109	B65	X	0	0	0	%100
110	B65	Z	1.957	1.957	0	%100
111	B66	X	0	0	0	%100
112	B66	Z	1.957	1.957	0	%100
113	B67	X	0	0	0	%100
114	B67	Z	1.957	1.957	0	%100
115	B68	X	0	0	0	%100
116	B68	Z	6.21	6.21	0	%100
117	B69	X	0	0	0	%100
118	B69	Z	6.21	6.21	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
119	B70	X	0	0	0	%100
120	B70	Z	6.21	6.21	0	%100
121	B71	X	0	0	0	%100
122	B71	Z	6.21	6.21	0	%100
123	B72	X	0	0	0	%100
124	B72	Z	4.886	4.886	0	%100
125	B73	X	0	0	0	%100
126	B73	Z	4.886	4.886	0	%100
127	B74	X	0	0	0	%100
128	B74	Z	9.694	9.694	0	%100
129	B75	X	0	0	0	%100
130	B75	Z	.074	.074	0	%100
131	B76	X	0	0	0	%100
132	B76	Z	9.694	9.694	0	%100
133	B77	X	0	0	0	%100
134	B77	Z	.074	.074	0	%100
135	B78	X	0	0	0	%100
136	B78	Z	1.98	1.98	0	%100
137	B79	X	0	0	0	%100
138	B79	Z	1.98	1.98	0	%100
139	B80	X	0	0	0	%100
140	B80	Z	7.341	7.341	0	%100
141	B81	X	0	0	0	%100
142	B81	Z	7.341	7.341	0	%100
143	B82	X	0	0	0	%100
144	B82	Z	14.3	14.3	0	%100
145	B83	X	0	0	0	%100
146	B83	Z	14.3	14.3	0	%100
147	B84	X	0	0	0	%100
148	B84	Z	6.406	6.406	0	%100
149	B85	X	0	0	0	%100
150	B85	Z	6.406	6.406	0	%100
151	B86	X	0	0	0	%100
152	B86	Z	3.77	3.77	0	%100
153	B87	X	0	0	0	%100
154	B87	Z	3.77	3.77	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	9.768	9.768	0	%100
157	MP2B	X	0	0	0	%100
158	MP2B	Z	11.825	11.825	0	%100
159	MP3B	X	0	0	0	%100
160	MP3B	Z	9.768	9.768	0	%100
161	MP4B	X	0	0	0	%100
162	MP4B	Z	9.768	9.768	0	%100
163	MP5B	X	0	0	0	%100
164	MP5B	Z	9.768	9.768	0	%100
165	C103	X	0	0	0	%100
166	C103	Z	1.267	1.267	0	%100
167	C104	X	0	0	0	%100
168	C104	Z	.275	.275	0	%100
169	C105	X	0	0	0	%100
170	C105	Z	1.267	1.267	0	%100
171	C106	X	0	0	0	%100
172	C106	Z	.275	.275	0	%100
173	C107	X	0	0	0	%100
174	C107	Z	3.569	3.569	0	%100
175	C108	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
176	C108	Z	3.569	3.569	0	%100
177	C109	X	0	0	0	%100
178	C109	Z	3.569	3.569	0	%100
179	C110	X	0	0	0	%100
180	C110	Z	9.627	9.627	0	%100
181	C111	X	0	0	0	%100
182	C111	Z	9.627	9.627	0	%100
183	C112	X	0	0	0	%100
184	C112	Z	9.627	9.627	0	%100
185	C113	X	0	0	0	%100
186	C113	Z	3.569	3.569	0	%100
187	C114	X	0	0	0	%100
188	C114	Z	3.569	3.569	0	%100
189	C115	X	0	0	0	%100
190	C115	Z	3.569	3.569	0	%100
191	C116	X	0	0	0	%100
192	C116	Z	9.627	9.627	0	%100
193	C117	X	0	0	0	%100
194	C117	Z	9.627	9.627	0	%100
195	C118	X	0	0	0	%100
196	C118	Z	9.627	9.627	0	%100
197	C119	X	0	0	0	%100
198	C119	Z	6.21	6.21	0	%100
199	C120	X	0	0	0	%100
200	C120	Z	6.21	6.21	0	%100
201	C121	X	0	0	0	%100
202	C121	Z	6.21	6.21	0	%100
203	C122	X	0	0	0	%100
204	C122	Z	6.21	6.21	0	%100
205	C123	X	0	0	0	%100
206	C123	Z	1.383	1.383	0	%100
207	C124	X	0	0	0	%100
208	C124	Z	1.383	1.383	0	%100
209	C125	X	0	0	0	%100
210	C125	Z	1.744	1.744	0	%100
211	C126	X	0	0	0	%100
212	C126	Z	8.023	8.023	0	%100
213	C127	X	0	0	0	%100
214	C127	Z	1.744	1.744	0	%100
215	C128	X	0	0	0	%100
216	C128	Z	8.023	8.023	0	%100
217	C129	X	0	0	0	%100
218	C129	Z	12.161	12.161	0	%100
219	C130	X	0	0	0	%100
220	C130	Z	12.161	12.161	0	%100
221	C131	X	0	0	0	%100
222	C131	Z	7.341	7.341	0	%100
223	C132	X	0	0	0	%100
224	C132	Z	7.341	7.341	0	%100
225	C133	X	0	0	0	%100
226	C133	Z	4.12	4.12	0	%100
227	C134	X	0	0	0	%100
228	C134	Z	4.12	4.12	0	%100
229	C135	X	0	0	0	%100
230	C135	Z	4.228	4.228	0	%100
231	C136	X	0	0	0	%100
232	C136	Z	4.228	4.228	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
233	C137	X	0	0	0	%100
234	C137	Z	5.948	5.948	0	%100
235	C138	X	0	0	0	%100
236	C138	Z	5.948	5.948	0	%100
237	MP1C	X	0	0	0	%100
238	MP1C	Z	9.768	9.768	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	11.825	11.825	0	%100
241	MP3C	X	0	0	0	%100
242	MP3C	Z	9.768	9.768	0	%100
243	MP4C	X	0	0	0	%100
244	MP4C	Z	9.768	9.768	0	%100
245	MP5C	X	0	0	0	%100
246	MP5C	Z	9.768	9.768	0	%100
247	M156	X	0	0	0	%100
248	M156	Z	7.751	7.751	0	%100
249	M155	X	0	0	0	%100
250	M155	Z	9.435	9.435	0	%100
251	M156A	X	0	0	0	%100
252	M156A	Z	.321	.321	0	%100
253	M157	X	0	0	0	%100
254	M157	Z	6.875	6.875	0	%100
255	M158	X	0	0	0	%100
256	M158	Z	1.072	1.072	0	%100
257	M159	X	0	0	0	%100
258	M159	Z	3.174	3.174	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.052	-.052	0	%100
2	A1	Z	.09	.09	0	%100
3	A2	X	-.72	-.72	0	%100
4	A2	Z	1.246	1.246	0	%100
5	A3	X	-.052	-.052	0	%100
6	A3	Z	.09	.09	0	%100
7	A4	X	-.72	-.72	0	%100
8	A4	Z	1.246	1.246	0	%100
9	A5	X	-5.34	-5.34	0	%100
10	A5	Z	9.249	9.249	0	%100
11	A6	X	-5.34	-5.34	0	%100
12	A6	Z	9.249	9.249	0	%100
13	A7	X	-5.34	-5.34	0	%100
14	A7	Z	9.249	9.249	0	%100
15	A8	X	-1.258	-1.258	0	%100
16	A8	Z	2.179	2.179	0	%100
17	A9	X	-1.258	-1.258	0	%100
18	A9	Z	2.179	2.179	0	%100
19	A10	X	-1.258	-1.258	0	%100
20	A10	Z	2.179	2.179	0	%100
21	A11	X	-5.34	-5.34	0	%100
22	A11	Z	9.249	9.249	0	%100
23	A12	X	-5.34	-5.34	0	%100
24	A12	Z	9.249	9.249	0	%100
25	A13	X	-5.34	-5.34	0	%100
26	A13	Z	9.249	9.249	0	%100
27	A14	X	-1.258	-1.258	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
28	A14	Z	2.179	2.179	0	%100
29	A15	X	-1.258	-1.258	0	%100
30	A15	Z	2.179	2.179	0	%100
31	A16	X	-1.258	-1.258	0	%100
32	A16	Z	2.179	2.179	0	%100
33	A17	X	-3.105	-3.105	0	%100
34	A17	Z	5.378	5.378	0	%100
35	A18	X	-3.105	-3.105	0	%100
36	A18	Z	5.378	5.378	0	%100
37	A19	X	-3.105	-3.105	0	%100
38	A19	Z	5.378	5.378	0	%100
39	A20	X	-3.105	-3.105	0	%100
40	A20	Z	5.378	5.378	0	%100
41	A21	X	-4.434	-4.434	0	%100
42	A21	Z	7.68	7.68	0	%100
43	A22	X	-4.434	-4.434	0	%100
44	A22	Z	7.68	7.68	0	%100
45	A23	X	-4.557	-4.557	0	%100
46	A23	Z	7.894	7.894	0	%100
47	A24	X	-.328	-.328	0	%100
48	A24	Z	.567	.567	0	%100
49	A25	X	-4.557	-4.557	0	%100
50	A25	Z	7.894	7.894	0	%100
51	A26	X	-.328	-.328	0	%100
52	A26	Z	.567	.567	0	%100
53	A27	X	-1.362	-1.362	0	%100
54	A27	Z	2.358	2.358	0	%100
55	A28	X	-1.362	-1.362	0	%100
56	A28	Z	2.358	2.358	0	%100
57	A29	X	-3.67	-3.67	0	%100
58	A29	Z	6.357	6.357	0	%100
59	A30	X	-3.67	-3.67	0	%100
60	A30	Z	6.357	6.357	0	%100
61	A31	X	-6.779	-6.779	0	%100
62	A31	Z	11.741	11.741	0	%100
63	A32	X	-6.779	-6.779	0	%100
64	A32	Z	11.741	11.741	0	%100
65	A33	X	-3.124	-3.124	0	%100
66	A33	Z	5.41	5.41	0	%100
67	A34	X	-3.124	-3.124	0	%100
68	A34	Z	5.41	5.41	0	%100
69	A35	X	-1.965	-1.965	0	%100
70	A35	Z	3.403	3.403	0	%100
71	A36	X	-1.965	-1.965	0	%100
72	A36	Z	3.403	3.403	0	%100
73	MP1A	X	-4.884	-4.884	0	%100
74	MP1A	Z	8.46	8.46	0	%100
75	MP2A	X	-5.912	-5.912	0	%100
76	MP2A	Z	10.241	10.241	0	%100
77	MP3A	X	-4.884	-4.884	0	%100
78	MP3A	Z	8.46	8.46	0	%100
79	MP4A	X	-4.884	-4.884	0	%100
80	MP4A	Z	8.46	8.46	0	%100
81	MP5A	X	-4.884	-4.884	0	%100
82	MP5A	Z	8.46	8.46	0	%100
83	B52	X	-.254	-.254	0	%100
84	B52	Z	.439	.439	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
85	B53	X	-.517	-.517	0	%100
86	B53	Z	.896	.896	0	%100
87	B54	X	-.254	-.254	0	%100
88	B54	Z	.439	.439	0	%100
89	B55	X	-.517	-.517	0	%100
90	B55	Z	.896	.896	0	%100
91	B56	X	-4.105	-4.105	0	%100
92	B56	Z	7.11	7.11	0	%100
93	B57	X	-4.105	-4.105	0	%100
94	B57	Z	7.11	7.11	0	%100
95	B58	X	-4.105	-4.105	0	%100
96	B58	Z	7.11	7.11	0	%100
97	B59	X	-2.493	-2.493	0	%100
98	B59	Z	4.318	4.318	0	%100
99	B60	X	-2.493	-2.493	0	%100
100	B60	Z	4.318	4.318	0	%100
101	B61	X	-2.493	-2.493	0	%100
102	B61	Z	4.318	4.318	0	%100
103	B62	X	-4.105	-4.105	0	%100
104	B62	Z	7.11	7.11	0	%100
105	B63	X	-4.105	-4.105	0	%100
106	B63	Z	7.11	7.11	0	%100
107	B64	X	-4.105	-4.105	0	%100
108	B64	Z	7.11	7.11	0	%100
109	B65	X	-2.493	-2.493	0	%100
110	B65	Z	4.318	4.318	0	%100
111	B66	X	-2.493	-2.493	0	%100
112	B66	Z	4.318	4.318	0	%100
113	B67	X	-2.493	-2.493	0	%100
114	B67	Z	4.318	4.318	0	%100
115	B68	X	-3.105	-3.105	0	%100
116	B68	Z	5.378	5.378	0	%100
117	B69	X	-3.105	-3.105	0	%100
118	B69	Z	5.378	5.378	0	%100
119	B70	X	-3.105	-3.105	0	%100
120	B70	Z	5.378	5.378	0	%100
121	B71	X	-3.105	-3.105	0	%100
122	B71	Z	5.378	5.378	0	%100
123	B72	X	-.178	-.178	0	%100
124	B72	Z	.309	.309	0	%100
125	B73	X	-.178	-.178	0	%100
126	B73	Z	.309	.309	0	%100
127	B74	X	-3.277	-3.277	0	%100
128	B74	Z	5.675	5.675	0	%100
129	B75	X	-1.606	-1.606	0	%100
130	B75	Z	2.782	2.782	0	%100
131	B76	X	-3.277	-3.277	0	%100
132	B76	Z	5.675	5.675	0	%100
133	B77	X	-1.606	-1.606	0	%100
134	B77	Z	2.782	2.782	0	%100
135	B78	X	-3	-3	0	%100
136	B78	Z	5.197	5.197	0	%100
137	B79	X	-3	-3	0	%100
138	B79	Z	5.197	5.197	0	%100
139	B80	X	-3.67	-3.67	0	%100
140	B80	Z	6.357	6.357	0	%100
141	B81	X	-3.67	-3.67	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
142	B81	Z	6.357	6.357	0	%100
143	B82	X	-5.14	-5.14	0	%100
144	B82	Z	8.902	8.902	0	%100
145	B83	X	-5.14	-5.14	0	%100
146	B83	Z	8.902	8.902	0	%100
147	B84	X	-2.773	-2.773	0	%100
148	B84	Z	4.803	4.803	0	%100
149	B85	X	-2.773	-2.773	0	%100
150	B85	Z	4.803	4.803	0	%100
151	B86	X	-2.315	-2.315	0	%100
152	B86	Z	4.01	4.01	0	%100
153	B87	X	-2.315	-2.315	0	%100
154	B87	Z	4.01	4.01	0	%100
155	MP1B	X	-4.884	-4.884	0	%100
156	MP1B	Z	8.46	8.46	0	%100
157	MP2B	X	-5.912	-5.912	0	%100
158	MP2B	Z	10.241	10.241	0	%100
159	MP3B	X	-4.884	-4.884	0	%100
160	MP3B	Z	8.46	8.46	0	%100
161	MP4B	X	-4.884	-4.884	0	%100
162	MP4B	Z	8.46	8.46	0	%100
163	MP5B	X	-4.884	-4.884	0	%100
164	MP5B	Z	8.46	8.46	0	%100
165	C103	X	-.765	-.765	0	%100
166	C103	Z	1.326	1.326	0	%100
167	C104	X	-.006	-.006	0	%100
168	C104	Z	.01	.01	0	%100
169	C105	X	-.765	-.765	0	%100
170	C105	Z	1.326	1.326	0	%100
171	C106	X	-.006	-.006	0	%100
172	C106	Z	.01	.01	0	%100
173	C107	X	-.978	-.978	0	%100
174	C107	Z	1.695	1.695	0	%100
175	C108	X	-.978	-.978	0	%100
176	C108	Z	1.695	1.695	0	%100
177	C109	X	-.978	-.978	0	%100
178	C109	Z	1.695	1.695	0	%100
179	C110	X	-5.62	-5.62	0	%100
180	C110	Z	9.733	9.733	0	%100
181	C111	X	-5.62	-5.62	0	%100
182	C111	Z	9.733	9.733	0	%100
183	C112	X	-5.62	-5.62	0	%100
184	C112	Z	9.733	9.733	0	%100
185	C113	X	-.978	-.978	0	%100
186	C113	Z	1.695	1.695	0	%100
187	C114	X	-.978	-.978	0	%100
188	C114	Z	1.695	1.695	0	%100
189	C115	X	-.978	-.978	0	%100
190	C115	Z	1.695	1.695	0	%100
191	C116	X	-5.62	-5.62	0	%100
192	C116	Z	9.733	9.733	0	%100
193	C117	X	-5.62	-5.62	0	%100
194	C117	Z	9.733	9.733	0	%100
195	C118	X	-5.62	-5.62	0	%100
196	C118	Z	9.733	9.733	0	%100
197	C119	X	-3.105	-3.105	0	%100
198	C119	Z	5.378	5.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
199	C120	X	-3.105	-3.105	0	%100
200	C120	Z	5.378	5.378	0	%100
201	C121	X	-3.105	-3.105	0	%100
202	C121	Z	5.378	5.378	0	%100
203	C122	X	-3.105	-3.105	0	%100
204	C122	Z	5.378	5.378	0	%100
205	C123	X	-3.47	-3.47	0	%100
206	C123	Z	6.009	6.009	0	%100
207	C124	X	-3.47	-3.47	0	%100
208	C124	Z	6.009	6.009	0	%100
209	C125	X	-.037	-.037	0	%100
210	C125	Z	.064	.064	0	%100
211	C126	X	-4.847	-4.847	0	%100
212	C126	Z	8.396	8.396	0	%100
213	C127	X	-.037	-.037	0	%100
214	C127	Z	.064	.064	0	%100
215	C128	X	-4.847	-4.847	0	%100
216	C128	Z	8.396	8.396	0	%100
217	C129	X	-7.15	-7.15	0	%100
218	C129	Z	12.385	12.385	0	%100
219	C130	X	-7.15	-7.15	0	%100
220	C130	Z	12.385	12.385	0	%100
221	C131	X	-3.67	-3.67	0	%100
222	C131	Z	6.357	6.357	0	%100
223	C132	X	-3.67	-3.67	0	%100
224	C132	Z	6.357	6.357	0	%100
225	C133	X	-.99	-.99	0	%100
226	C133	Z	1.715	1.715	0	%100
227	C134	X	-.99	-.99	0	%100
228	C134	Z	1.715	1.715	0	%100
229	C135	X	-1.885	-1.885	0	%100
230	C135	Z	3.265	3.265	0	%100
231	C136	X	-1.885	-1.885	0	%100
232	C136	Z	3.265	3.265	0	%100
233	C137	X	-3.203	-3.203	0	%100
234	C137	Z	5.548	5.548	0	%100
235	C138	X	-3.203	-3.203	0	%100
236	C138	Z	5.548	5.548	0	%100
237	MP1C	X	-4.884	-4.884	0	%100
238	MP1C	Z	8.46	8.46	0	%100
239	MP2C	X	-5.912	-5.912	0	%100
240	MP2C	Z	10.241	10.241	0	%100
241	MP3C	X	-4.884	-4.884	0	%100
242	MP3C	Z	8.46	8.46	0	%100
243	MP4C	X	-4.884	-4.884	0	%100
244	MP4C	Z	8.46	8.46	0	%100
245	MP5C	X	-4.884	-4.884	0	%100
246	MP5C	Z	8.46	8.46	0	%100
247	M156	X	-4.871	-4.871	0	%100
248	M156	Z	8.437	8.437	0	%100
249	M155	X	-4.348	-4.348	0	%100
250	M155	Z	7.531	7.531	0	%100
251	M156A	X	-2.055	-2.055	0	%100
252	M156A	Z	3.56	3.56	0	%100
253	M157	X	-1.009	-1.009	0	%100
254	M157	Z	1.747	1.747	0	%100
255	M158	X	-2.811	-2.811	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
256	M158	Z	4.869	4.869	0	%100
257	M159	X	-.034	-.034	0	%100
258	M159	Z	.058	.058	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.089	-.089	0	%100
2	A1	Z	.052	.052	0	%100
3	A2	X	-1.246	-1.246	0	%100
4	A2	Z	.719	.719	0	%100
5	A3	X	-.089	-.089	0	%100
6	A3	Z	.052	.052	0	%100
7	A4	X	-1.246	-1.246	0	%100
8	A4	Z	.719	.719	0	%100
9	A5	X	-9.249	-9.249	0	%100
10	A5	Z	5.34	5.34	0	%100
11	A6	X	-9.249	-9.249	0	%100
12	A6	Z	5.34	5.34	0	%100
13	A7	X	-9.249	-9.249	0	%100
14	A7	Z	5.34	5.34	0	%100
15	A8	X	-2.179	-2.179	0	%100
16	A8	Z	1.258	1.258	0	%100
17	A9	X	-2.179	-2.179	0	%100
18	A9	Z	1.258	1.258	0	%100
19	A10	X	-2.179	-2.179	0	%100
20	A10	Z	1.258	1.258	0	%100
21	A11	X	-9.249	-9.249	0	%100
22	A11	Z	5.34	5.34	0	%100
23	A12	X	-9.249	-9.249	0	%100
24	A12	Z	5.34	5.34	0	%100
25	A13	X	-9.249	-9.249	0	%100
26	A13	Z	5.34	5.34	0	%100
27	A14	X	-2.179	-2.179	0	%100
28	A14	Z	1.258	1.258	0	%100
29	A15	X	-2.179	-2.179	0	%100
30	A15	Z	1.258	1.258	0	%100
31	A16	X	-2.179	-2.179	0	%100
32	A16	Z	1.258	1.258	0	%100
33	A17	X	-5.378	-5.378	0	%100
34	A17	Z	3.105	3.105	0	%100
35	A18	X	-5.378	-5.378	0	%100
36	A18	Z	3.105	3.105	0	%100
37	A19	X	-5.378	-5.378	0	%100
38	A19	Z	3.105	3.105	0	%100
39	A20	X	-5.378	-5.378	0	%100
40	A20	Z	3.105	3.105	0	%100
41	A21	X	-2.56	-2.56	0	%100
42	A21	Z	1.478	1.478	0	%100
43	A22	X	-2.56	-2.56	0	%100
44	A22	Z	1.478	1.478	0	%100
45	A23	X	-7.892	-7.892	0	%100
46	A23	Z	4.557	4.557	0	%100
47	A24	X	-.566	-.566	0	%100
48	A24	Z	.327	.327	0	%100
49	A25	X	-7.892	-7.892	0	%100
50	A25	Z	4.557	4.557	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
51	A26	X	-.566	-.566	0	%100
52	A26	Z	.327	.327	0	%100
53	A27	X	-2.358	-2.358	0	%100
54	A27	Z	1.362	1.362	0	%100
55	A28	X	-2.358	-2.358	0	%100
56	A28	Z	1.362	1.362	0	%100
57	A29	X	-6.357	-6.357	0	%100
58	A29	Z	3.67	3.67	0	%100
59	A30	X	-6.357	-6.357	0	%100
60	A30	Z	3.67	3.67	0	%100
61	A31	X	-11.741	-11.741	0	%100
62	A31	Z	6.779	6.779	0	%100
63	A32	X	-11.741	-11.741	0	%100
64	A32	Z	6.779	6.779	0	%100
65	A33	X	-5.41	-5.41	0	%100
66	A33	Z	3.124	3.124	0	%100
67	A34	X	-5.41	-5.41	0	%100
68	A34	Z	3.124	3.124	0	%100
69	A35	X	-3.403	-3.403	0	%100
70	A35	Z	1.964	1.964	0	%100
71	A36	X	-3.403	-3.403	0	%100
72	A36	Z	1.964	1.964	0	%100
73	MP1A	X	-8.46	-8.46	0	%100
74	MP1A	Z	4.884	4.884	0	%100
75	MP2A	X	-10.241	-10.241	0	%100
76	MP2A	Z	5.912	5.912	0	%100
77	MP3A	X	-8.46	-8.46	0	%100
78	MP3A	Z	4.884	4.884	0	%100
79	MP4A	X	-8.46	-8.46	0	%100
80	MP4A	Z	4.884	4.884	0	%100
81	MP5A	X	-8.46	-8.46	0	%100
82	MP5A	Z	4.884	4.884	0	%100
83	B52	X	-1.097	-1.097	0	%100
84	B52	Z	.633	.633	0	%100
85	B53	X	-.238	-.238	0	%100
86	B53	Z	.138	.138	0	%100
87	B54	X	-1.097	-1.097	0	%100
88	B54	Z	.633	.633	0	%100
89	B55	X	-.238	-.238	0	%100
90	B55	Z	.138	.138	0	%100
91	B56	X	-3.09	-3.09	0	%100
92	B56	Z	1.784	1.784	0	%100
93	B57	X	-3.09	-3.09	0	%100
94	B57	Z	1.784	1.784	0	%100
95	B58	X	-3.09	-3.09	0	%100
96	B58	Z	1.784	1.784	0	%100
97	B59	X	-8.337	-8.337	0	%100
98	B59	Z	4.814	4.814	0	%100
99	B60	X	-8.337	-8.337	0	%100
100	B60	Z	4.814	4.814	0	%100
101	B61	X	-8.337	-8.337	0	%100
102	B61	Z	4.814	4.814	0	%100
103	B62	X	-3.09	-3.09	0	%100
104	B62	Z	1.784	1.784	0	%100
105	B63	X	-3.09	-3.09	0	%100
106	B63	Z	1.784	1.784	0	%100
107	B64	X	-3.09	-3.09	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
108	B64	Z	1.784	1.784	0	%100
109	B65	X	-8.337	-8.337	0	%100
110	B65	Z	4.814	4.814	0	%100
111	B66	X	-8.337	-8.337	0	%100
112	B66	Z	4.814	4.814	0	%100
113	B67	X	-8.337	-8.337	0	%100
114	B67	Z	4.814	4.814	0	%100
115	B68	X	-5.378	-5.378	0	%100
116	B68	Z	3.105	3.105	0	%100
117	B69	X	-5.378	-5.378	0	%100
118	B69	Z	3.105	3.105	0	%100
119	B70	X	-5.378	-5.378	0	%100
120	B70	Z	3.105	3.105	0	%100
121	B71	X	-5.378	-5.378	0	%100
122	B71	Z	3.105	3.105	0	%100
123	B72	X	-1.198	-1.198	0	%100
124	B72	Z	.692	.692	0	%100
125	B73	X	-1.198	-1.198	0	%100
126	B73	Z	.692	.692	0	%100
127	B74	X	-1.51	-1.51	0	%100
128	B74	Z	.872	.872	0	%100
129	B75	X	-6.948	-6.948	0	%100
130	B75	Z	4.011	4.011	0	%100
131	B76	X	-1.51	-1.51	0	%100
132	B76	Z	.872	.872	0	%100
133	B77	X	-6.948	-6.948	0	%100
134	B77	Z	4.011	4.011	0	%100
135	B78	X	-10.532	-10.532	0	%100
136	B78	Z	6.081	6.081	0	%100
137	B79	X	-10.532	-10.532	0	%100
138	B79	Z	6.081	6.081	0	%100
139	B80	X	-6.357	-6.357	0	%100
140	B80	Z	3.67	3.67	0	%100
141	B81	X	-6.357	-6.357	0	%100
142	B81	Z	3.67	3.67	0	%100
143	B82	X	-3.568	-3.568	0	%100
144	B82	Z	2.06	2.06	0	%100
145	B83	X	-3.568	-3.568	0	%100
146	B83	Z	2.06	2.06	0	%100
147	B84	X	-3.661	-3.661	0	%100
148	B84	Z	2.114	2.114	0	%100
149	B85	X	-3.661	-3.661	0	%100
150	B85	Z	2.114	2.114	0	%100
151	B86	X	-5.151	-5.151	0	%100
152	B86	Z	2.974	2.974	0	%100
153	B87	X	-5.151	-5.151	0	%100
154	B87	Z	2.974	2.974	0	%100
155	MP1B	X	-8.46	-8.46	0	%100
156	MP1B	Z	4.884	4.884	0	%100
157	MP2B	X	-10.241	-10.241	0	%100
158	MP2B	Z	5.912	5.912	0	%100
159	MP3B	X	-8.46	-8.46	0	%100
160	MP3B	Z	4.884	4.884	0	%100
161	MP4B	X	-8.46	-8.46	0	%100
162	MP4B	Z	4.884	4.884	0	%100
163	MP5B	X	-8.46	-8.46	0	%100
164	MP5B	Z	4.884	4.884	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
165	C103	X	-.896	-.896	0	%100
166	C103	Z	.518	.518	0	%100
167	C104	X	-.44	-.44	0	%100
168	C104	Z	.254	.254	0	%100
169	C105	X	-.896	-.896	0	%100
170	C105	Z	.518	.518	0	%100
171	C106	X	-.44	-.44	0	%100
172	C106	Z	.254	.254	0	%100
173	C107	X	-4.318	-4.318	0	%100
174	C107	Z	2.493	2.493	0	%100
175	C108	X	-4.318	-4.318	0	%100
176	C108	Z	2.493	2.493	0	%100
177	C109	X	-4.318	-4.318	0	%100
178	C109	Z	2.493	2.493	0	%100
179	C110	X	-7.11	-7.11	0	%100
180	C110	Z	4.105	4.105	0	%100
181	C111	X	-7.11	-7.11	0	%100
182	C111	Z	4.105	4.105	0	%100
183	C112	X	-7.11	-7.11	0	%100
184	C112	Z	4.105	4.105	0	%100
185	C113	X	-4.318	-4.318	0	%100
186	C113	Z	2.493	2.493	0	%100
187	C114	X	-4.318	-4.318	0	%100
188	C114	Z	2.493	2.493	0	%100
189	C115	X	-4.318	-4.318	0	%100
190	C115	Z	2.493	2.493	0	%100
191	C116	X	-7.11	-7.11	0	%100
192	C116	Z	4.105	4.105	0	%100
193	C117	X	-7.11	-7.11	0	%100
194	C117	Z	4.105	4.105	0	%100
195	C118	X	-7.11	-7.11	0	%100
196	C118	Z	4.105	4.105	0	%100
197	C119	X	-5.378	-5.378	0	%100
198	C119	Z	3.105	3.105	0	%100
199	C120	X	-5.378	-5.378	0	%100
200	C120	Z	3.105	3.105	0	%100
201	C121	X	-5.378	-5.378	0	%100
202	C121	Z	3.105	3.105	0	%100
203	C122	X	-5.378	-5.378	0	%100
204	C122	Z	3.105	3.105	0	%100
205	C123	X	-9.932	-9.932	0	%100
206	C123	Z	5.734	5.734	0	%100
207	C124	X	-9.932	-9.932	0	%100
208	C124	Z	5.734	5.734	0	%100
209	C125	X	-2.784	-2.784	0	%100
210	C125	Z	1.607	1.607	0	%100
211	C126	X	-5.678	-5.678	0	%100
212	C126	Z	3.278	3.278	0	%100
213	C127	X	-2.784	-2.784	0	%100
214	C127	Z	1.607	1.607	0	%100
215	C128	X	-5.678	-5.678	0	%100
216	C128	Z	3.278	3.278	0	%100
217	C129	X	-8.902	-8.902	0	%100
218	C129	Z	5.14	5.14	0	%100
219	C130	X	-8.902	-8.902	0	%100
220	C130	Z	5.14	5.14	0	%100
221	C131	X	-6.357	-6.357	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
222	C131	Z	3.67	3.67	0	%100
223	C132	X	-6.357	-6.357	0	%100
224	C132	Z	3.67	3.67	0	%100
225	C133	X	-5.197	-5.197	0	%100
226	C133	Z	3	3	0	%100
227	C134	X	-5.197	-5.197	0	%100
228	C134	Z	3	3	0	%100
229	C135	X	-4.01	-4.01	0	%100
230	C135	Z	2.315	2.315	0	%100
231	C136	X	-4.01	-4.01	0	%100
232	C136	Z	2.315	2.315	0	%100
233	C137	X	-4.803	-4.803	0	%100
234	C137	Z	2.773	2.773	0	%100
235	C138	X	-4.803	-4.803	0	%100
236	C138	Z	2.773	2.773	0	%100
237	MP1C	X	-8.46	-8.46	0	%100
238	MP1C	Z	4.884	4.884	0	%100
239	MP2C	X	-10.241	-10.241	0	%100
240	MP2C	Z	5.912	5.912	0	%100
241	MP3C	X	-8.46	-8.46	0	%100
242	MP3C	Z	4.884	4.884	0	%100
243	MP4C	X	-8.46	-8.46	0	%100
244	MP4C	Z	4.884	4.884	0	%100
245	MP5C	X	-8.46	-8.46	0	%100
246	MP5C	Z	4.884	4.884	0	%100
247	M156	X	-5.954	-5.954	0	%100
248	M156	Z	3.438	3.438	0	%100
249	M155	X	-3.59	-3.59	0	%100
250	M155	Z	2.073	2.073	0	%100
251	M156A	X	-7.512	-7.512	0	%100
252	M156A	Z	4.337	4.337	0	%100
253	M157	X	-.023	-.023	0	%100
254	M157	Z	.013	.013	0	%100
255	M158	X	-8.171	-8.171	0	%100
256	M158	Z	4.717	4.717	0	%100
257	M159	X	-1.539	-1.539	0	%100
258	M159	Z	.889	.889	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.771	-.771	0	%100
2	A1	Z	0	0	0	%100
3	A2	X	-.771	-.771	0	%100
4	A2	Z	0	0	0	%100
5	A3	X	-.771	-.771	0	%100
6	A3	Z	0	0	0	%100
7	A4	X	-.771	-.771	0	%100
8	A4	Z	0	0	0	%100
9	A5	X	-6.598	-6.598	0	%100
10	A5	Z	0	0	0	%100
11	A6	X	-6.598	-6.598	0	%100
12	A6	Z	0	0	0	%100
13	A7	X	-6.598	-6.598	0	%100
14	A7	Z	0	0	0	%100
15	A8	X	-6.598	-6.598	0	%100
16	A8	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
17	A9	X	-6.598	-6.598	0	%100
18	A9	Z	0	0	0	%100
19	A10	X	-6.598	-6.598	0	%100
20	A10	Z	0	0	0	%100
21	A11	X	-6.598	-6.598	0	%100
22	A11	Z	0	0	0	%100
23	A12	X	-6.598	-6.598	0	%100
24	A12	Z	0	0	0	%100
25	A13	X	-6.598	-6.598	0	%100
26	A13	Z	0	0	0	%100
27	A14	X	-6.598	-6.598	0	%100
28	A14	Z	0	0	0	%100
29	A15	X	-6.598	-6.598	0	%100
30	A15	Z	0	0	0	%100
31	A16	X	-6.598	-6.598	0	%100
32	A16	Z	0	0	0	%100
33	A17	X	-6.21	-6.21	0	%100
34	A17	Z	0	0	0	%100
35	A18	X	-6.21	-6.21	0	%100
36	A18	Z	0	0	0	%100
37	A19	X	-6.21	-6.21	0	%100
38	A19	Z	0	0	0	%100
39	A20	X	-6.21	-6.21	0	%100
40	A20	Z	0	0	0	%100
41	A21	X	0	0	0	%100
42	A21	Z	0	0	0	%100
43	A22	X	0	0	0	%100
44	A22	Z	0	0	0	%100
45	A23	X	-4.883	-4.883	0	%100
46	A23	Z	0	0	0	%100
47	A24	X	-4.883	-4.883	0	%100
48	A24	Z	0	0	0	%100
49	A25	X	-4.883	-4.883	0	%100
50	A25	Z	0	0	0	%100
51	A26	X	-4.883	-4.883	0	%100
52	A26	Z	0	0	0	%100
53	A27	X	-8.14	-8.14	0	%100
54	A27	Z	0	0	0	%100
55	A28	X	-8.14	-8.14	0	%100
56	A28	Z	0	0	0	%100
57	A29	X	-7.341	-7.341	0	%100
58	A29	Z	0	0	0	%100
59	A30	X	-7.341	-7.341	0	%100
60	A30	Z	0	0	0	%100
61	A31	X	-8.14	-8.14	0	%100
62	A31	Z	0	0	0	%100
63	A32	X	-8.14	-8.14	0	%100
64	A32	Z	0	0	0	%100
65	A33	X	-5.088	-5.088	0	%100
66	A33	Z	0	0	0	%100
67	A34	X	-5.088	-5.088	0	%100
68	A34	Z	0	0	0	%100
69	A35	X	-5.088	-5.088	0	%100
70	A35	Z	0	0	0	%100
71	A36	X	-5.088	-5.088	0	%100
72	A36	Z	0	0	0	%100
73	MP1A	X	-9.768	-9.768	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
74	MP1A	Z	0	0	0	%100
75	MP2A	X	-11.825	-11.825	0	%100
76	MP2A	Z	0	0	0	%100
77	MP3A	X	-9.768	-9.768	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	-9.768	-9.768	0	%100
80	MP4A	Z	0	0	0	%100
81	MP5A	X	-9.768	-9.768	0	%100
82	MP5A	Z	0	0	0	%100
83	B52	X	-1.531	-1.531	0	%100
84	B52	Z	0	0	0	%100
85	B53	X	-.012	-.012	0	%100
86	B53	Z	0	0	0	%100
87	B54	X	-1.531	-1.531	0	%100
88	B54	Z	0	0	0	%100
89	B55	X	-.012	-.012	0	%100
90	B55	Z	0	0	0	%100
91	B56	X	-1.957	-1.957	0	%100
92	B56	Z	0	0	0	%100
93	B57	X	-1.957	-1.957	0	%100
94	B57	Z	0	0	0	%100
95	B58	X	-1.957	-1.957	0	%100
96	B58	Z	0	0	0	%100
97	B59	X	-11.239	-11.239	0	%100
98	B59	Z	0	0	0	%100
99	B60	X	-11.239	-11.239	0	%100
100	B60	Z	0	0	0	%100
101	B61	X	-11.239	-11.239	0	%100
102	B61	Z	0	0	0	%100
103	B62	X	-1.957	-1.957	0	%100
104	B62	Z	0	0	0	%100
105	B63	X	-1.957	-1.957	0	%100
106	B63	Z	0	0	0	%100
107	B64	X	-1.957	-1.957	0	%100
108	B64	Z	0	0	0	%100
109	B65	X	-11.239	-11.239	0	%100
110	B65	Z	0	0	0	%100
111	B66	X	-11.239	-11.239	0	%100
112	B66	Z	0	0	0	%100
113	B67	X	-11.239	-11.239	0	%100
114	B67	Z	0	0	0	%100
115	B68	X	-6.21	-6.21	0	%100
116	B68	Z	0	0	0	%100
117	B69	X	-6.21	-6.21	0	%100
118	B69	Z	0	0	0	%100
119	B70	X	-6.21	-6.21	0	%100
120	B70	Z	0	0	0	%100
121	B71	X	-6.21	-6.21	0	%100
122	B71	Z	0	0	0	%100
123	B72	X	-6.939	-6.939	0	%100
124	B72	Z	0	0	0	%100
125	B73	X	-6.939	-6.939	0	%100
126	B73	Z	0	0	0	%100
127	B74	X	-.074	-.074	0	%100
128	B74	Z	0	0	0	%100
129	B75	X	-9.694	-9.694	0	%100
130	B75	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
131	B76	X	-.074	-.074	0	%100
132	B76	Z	0	0	0	%100
133	B77	X	-9.694	-9.694	0	%100
134	B77	Z	0	0	0	%100
135	B78	X	-14.3	-14.3	0	%100
136	B78	Z	0	0	0	%100
137	B79	X	-14.3	-14.3	0	%100
138	B79	Z	0	0	0	%100
139	B80	X	-7.341	-7.341	0	%100
140	B80	Z	0	0	0	%100
141	B81	X	-7.341	-7.341	0	%100
142	B81	Z	0	0	0	%100
143	B82	X	-1.98	-1.98	0	%100
144	B82	Z	0	0	0	%100
145	B83	X	-1.98	-1.98	0	%100
146	B83	Z	0	0	0	%100
147	B84	X	-3.77	-3.77	0	%100
148	B84	Z	0	0	0	%100
149	B85	X	-3.77	-3.77	0	%100
150	B85	Z	0	0	0	%100
151	B86	X	-6.406	-6.406	0	%100
152	B86	Z	0	0	0	%100
153	B87	X	-6.406	-6.406	0	%100
154	B87	Z	0	0	0	%100
155	MP1B	X	-9.768	-9.768	0	%100
156	MP1B	Z	0	0	0	%100
157	MP2B	X	-11.825	-11.825	0	%100
158	MP2B	Z	0	0	0	%100
159	MP3B	X	-9.768	-9.768	0	%100
160	MP3B	Z	0	0	0	%100
161	MP4B	X	-9.768	-9.768	0	%100
162	MP4B	Z	0	0	0	%100
163	MP5B	X	-9.768	-9.768	0	%100
164	MP5B	Z	0	0	0	%100
165	C103	X	-.276	-.276	0	%100
166	C103	Z	0	0	0	%100
167	C104	X	-1.267	-1.267	0	%100
168	C104	Z	0	0	0	%100
169	C105	X	-.276	-.276	0	%100
170	C105	Z	0	0	0	%100
171	C106	X	-1.267	-1.267	0	%100
172	C106	Z	0	0	0	%100
173	C107	X	-9.627	-9.627	0	%100
174	C107	Z	0	0	0	%100
175	C108	X	-9.627	-9.627	0	%100
176	C108	Z	0	0	0	%100
177	C109	X	-9.627	-9.627	0	%100
178	C109	Z	0	0	0	%100
179	C110	X	-3.569	-3.569	0	%100
180	C110	Z	0	0	0	%100
181	C111	X	-3.569	-3.569	0	%100
182	C111	Z	0	0	0	%100
183	C112	X	-3.569	-3.569	0	%100
184	C112	Z	0	0	0	%100
185	C113	X	-9.627	-9.627	0	%100
186	C113	Z	0	0	0	%100
187	C114	X	-9.627	-9.627	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
188	C114	Z	0	0	0	%100
189	C115	X	-9.627	-9.627	0	%100
190	C115	Z	0	0	0	%100
191	C116	X	-3.569	-3.569	0	%100
192	C116	Z	0	0	0	%100
193	C117	X	-3.569	-3.569	0	%100
194	C117	Z	0	0	0	%100
195	C118	X	-3.569	-3.569	0	%100
196	C118	Z	0	0	0	%100
197	C119	X	-6.21	-6.21	0	%100
198	C119	Z	0	0	0	%100
199	C120	X	-6.21	-6.21	0	%100
200	C120	Z	0	0	0	%100
201	C121	X	-6.21	-6.21	0	%100
202	C121	Z	0	0	0	%100
203	C122	X	-6.21	-6.21	0	%100
204	C122	Z	0	0	0	%100
205	C123	X	-10.442	-10.442	0	%100
206	C123	Z	0	0	0	%100
207	C124	X	-10.442	-10.442	0	%100
208	C124	Z	0	0	0	%100
209	C125	X	-8.025	-8.025	0	%100
210	C125	Z	0	0	0	%100
211	C126	X	-1.746	-1.746	0	%100
212	C126	Z	0	0	0	%100
213	C127	X	-8.025	-8.025	0	%100
214	C127	Z	0	0	0	%100
215	C128	X	-1.746	-1.746	0	%100
216	C128	Z	0	0	0	%100
217	C129	X	-4.12	-4.12	0	%100
218	C129	Z	0	0	0	%100
219	C130	X	-4.12	-4.12	0	%100
220	C130	Z	0	0	0	%100
221	C131	X	-7.341	-7.341	0	%100
222	C131	Z	0	0	0	%100
223	C132	X	-7.341	-7.341	0	%100
224	C132	Z	0	0	0	%100
225	C133	X	-12.161	-12.161	0	%100
226	C133	Z	0	0	0	%100
227	C134	X	-12.161	-12.161	0	%100
228	C134	Z	0	0	0	%100
229	C135	X	-5.949	-5.949	0	%100
230	C135	Z	0	0	0	%100
231	C136	X	-5.949	-5.949	0	%100
232	C136	Z	0	0	0	%100
233	C137	X	-4.228	-4.228	0	%100
234	C137	Z	0	0	0	%100
235	C138	X	-4.228	-4.228	0	%100
236	C138	Z	0	0	0	%100
237	MP1C	X	-9.768	-9.768	0	%100
238	MP1C	Z	0	0	0	%100
239	MP2C	X	-11.825	-11.825	0	%100
240	MP2C	Z	0	0	0	%100
241	MP3C	X	-9.768	-9.768	0	%100
242	MP3C	Z	0	0	0	%100
243	MP4C	X	-9.768	-9.768	0	%100
244	MP4C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
245	MP5C	X	-9.768	-9.768	0	%100
246	MP5C	Z	0	0	0	%100
247	M156	X	-2.018	-2.018	0	%100
248	M156	Z	0	0	0	%100
249	M155	X	-.334	-.334	0	%100
250	M155	Z	0	0	0	%100
251	M156A	X	-9.447	-9.447	0	%100
252	M156A	Z	0	0	0	%100
253	M157	X	-2.893	-2.893	0	%100
254	M157	Z	0	0	0	%100
255	M158	X	-8.696	-8.696	0	%100
256	M158	Z	0	0	0	%100
257	M159	X	-6.594	-6.594	0	%100
258	M159	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-1.246	-1.246	0	%100
2	A1	Z	-.719	-.719	0	%100
3	A2	X	-.089	-.089	0	%100
4	A2	Z	-.052	-.052	0	%100
5	A3	X	-1.246	-1.246	0	%100
6	A3	Z	-.719	-.719	0	%100
7	A4	X	-.089	-.089	0	%100
8	A4	Z	-.052	-.052	0	%100
9	A5	X	-2.179	-2.179	0	%100
10	A5	Z	-1.258	-1.258	0	%100
11	A6	X	-2.179	-2.179	0	%100
12	A6	Z	-1.258	-1.258	0	%100
13	A7	X	-2.179	-2.179	0	%100
14	A7	Z	-1.258	-1.258	0	%100
15	A8	X	-9.249	-9.249	0	%100
16	A8	Z	-5.34	-5.34	0	%100
17	A9	X	-9.249	-9.249	0	%100
18	A9	Z	-5.34	-5.34	0	%100
19	A10	X	-9.249	-9.249	0	%100
20	A10	Z	-5.34	-5.34	0	%100
21	A11	X	-2.179	-2.179	0	%100
22	A11	Z	-1.258	-1.258	0	%100
23	A12	X	-2.179	-2.179	0	%100
24	A12	Z	-1.258	-1.258	0	%100
25	A13	X	-2.179	-2.179	0	%100
26	A13	Z	-1.258	-1.258	0	%100
27	A14	X	-9.249	-9.249	0	%100
28	A14	Z	-5.34	-5.34	0	%100
29	A15	X	-9.249	-9.249	0	%100
30	A15	Z	-5.34	-5.34	0	%100
31	A16	X	-9.249	-9.249	0	%100
32	A16	Z	-5.34	-5.34	0	%100
33	A17	X	-5.378	-5.378	0	%100
34	A17	Z	-3.105	-3.105	0	%100
35	A18	X	-5.378	-5.378	0	%100
36	A18	Z	-3.105	-3.105	0	%100
37	A19	X	-5.378	-5.378	0	%100
38	A19	Z	-3.105	-3.105	0	%100
39	A20	X	-5.378	-5.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
40	A20	Z	-3.105	-3.105	0	%100
41	A21	X	-2.56	-2.56	0	%100
42	A21	Z	-1.478	-1.478	0	%100
43	A22	X	-2.56	-2.56	0	%100
44	A22	Z	-1.478	-1.478	0	%100
45	A23	X	-.566	-.566	0	%100
46	A23	Z	-.327	-.327	0	%100
47	A24	X	-7.892	-7.892	0	%100
48	A24	Z	-4.557	-4.557	0	%100
49	A25	X	-.566	-.566	0	%100
50	A25	Z	-.327	-.327	0	%100
51	A26	X	-7.892	-7.892	0	%100
52	A26	Z	-4.557	-4.557	0	%100
53	A27	X	-11.741	-11.741	0	%100
54	A27	Z	-6.779	-6.779	0	%100
55	A28	X	-11.741	-11.741	0	%100
56	A28	Z	-6.779	-6.779	0	%100
57	A29	X	-6.357	-6.357	0	%100
58	A29	Z	-3.67	-3.67	0	%100
59	A30	X	-6.357	-6.357	0	%100
60	A30	Z	-3.67	-3.67	0	%100
61	A31	X	-2.358	-2.358	0	%100
62	A31	Z	-1.362	-1.362	0	%100
63	A32	X	-2.358	-2.358	0	%100
64	A32	Z	-1.362	-1.362	0	%100
65	A33	X	-3.403	-3.403	0	%100
66	A33	Z	-1.964	-1.964	0	%100
67	A34	X	-3.403	-3.403	0	%100
68	A34	Z	-1.964	-1.964	0	%100
69	A35	X	-5.41	-5.41	0	%100
70	A35	Z	-3.124	-3.124	0	%100
71	A36	X	-5.41	-5.41	0	%100
72	A36	Z	-3.124	-3.124	0	%100
73	MP1A	X	-8.46	-8.46	0	%100
74	MP1A	Z	-4.884	-4.884	0	%100
75	MP2A	X	-10.241	-10.241	0	%100
76	MP2A	Z	-5.912	-5.912	0	%100
77	MP3A	X	-8.46	-8.46	0	%100
78	MP3A	Z	-4.884	-4.884	0	%100
79	MP4A	X	-8.46	-8.46	0	%100
80	MP4A	Z	-4.884	-4.884	0	%100
81	MP5A	X	-8.46	-8.46	0	%100
82	MP5A	Z	-4.884	-4.884	0	%100
83	B52	X	-.896	-.896	0	%100
84	B52	Z	-.518	-.518	0	%100
85	B53	X	-.44	-.44	0	%100
86	B53	Z	-.254	-.254	0	%100
87	B54	X	-.896	-.896	0	%100
88	B54	Z	-.518	-.518	0	%100
89	B55	X	-.44	-.44	0	%100
90	B55	Z	-.254	-.254	0	%100
91	B56	X	-4.318	-4.318	0	%100
92	B56	Z	-2.493	-2.493	0	%100
93	B57	X	-4.318	-4.318	0	%100
94	B57	Z	-2.493	-2.493	0	%100
95	B58	X	-4.318	-4.318	0	%100
96	B58	Z	-2.493	-2.493	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
97	B59	X	-7.11	-7.11	0	%100
98	B59	Z	-4.105	-4.105	0	%100
99	B60	X	-7.11	-7.11	0	%100
100	B60	Z	-4.105	-4.105	0	%100
101	B61	X	-7.11	-7.11	0	%100
102	B61	Z	-4.105	-4.105	0	%100
103	B62	X	-4.318	-4.318	0	%100
104	B62	Z	-2.493	-2.493	0	%100
105	B63	X	-4.318	-4.318	0	%100
106	B63	Z	-2.493	-2.493	0	%100
107	B64	X	-4.318	-4.318	0	%100
108	B64	Z	-2.493	-2.493	0	%100
109	B65	X	-7.11	-7.11	0	%100
110	B65	Z	-4.105	-4.105	0	%100
111	B66	X	-7.11	-7.11	0	%100
112	B66	Z	-4.105	-4.105	0	%100
113	B67	X	-7.11	-7.11	0	%100
114	B67	Z	-4.105	-4.105	0	%100
115	B68	X	-5.378	-5.378	0	%100
116	B68	Z	-3.105	-3.105	0	%100
117	B69	X	-5.378	-5.378	0	%100
118	B69	Z	-3.105	-3.105	0	%100
119	B70	X	-5.378	-5.378	0	%100
120	B70	Z	-3.105	-3.105	0	%100
121	B71	X	-5.378	-5.378	0	%100
122	B71	Z	-3.105	-3.105	0	%100
123	B72	X	-9.932	-9.932	0	%100
124	B72	Z	-5.734	-5.734	0	%100
125	B73	X	-9.932	-9.932	0	%100
126	B73	Z	-5.734	-5.734	0	%100
127	B74	X	-2.784	-2.784	0	%100
128	B74	Z	-1.607	-1.607	0	%100
129	B75	X	-5.678	-5.678	0	%100
130	B75	Z	-3.278	-3.278	0	%100
131	B76	X	-2.784	-2.784	0	%100
132	B76	Z	-1.607	-1.607	0	%100
133	B77	X	-5.678	-5.678	0	%100
134	B77	Z	-3.278	-3.278	0	%100
135	B78	X	-8.902	-8.902	0	%100
136	B78	Z	-5.14	-5.14	0	%100
137	B79	X	-8.902	-8.902	0	%100
138	B79	Z	-5.14	-5.14	0	%100
139	B80	X	-6.357	-6.357	0	%100
140	B80	Z	-3.67	-3.67	0	%100
141	B81	X	-6.357	-6.357	0	%100
142	B81	Z	-3.67	-3.67	0	%100
143	B82	X	-5.197	-5.197	0	%100
144	B82	Z	-3	-3	0	%100
145	B83	X	-5.197	-5.197	0	%100
146	B83	Z	-3	-3	0	%100
147	B84	X	-4.01	-4.01	0	%100
148	B84	Z	-2.315	-2.315	0	%100
149	B85	X	-4.01	-4.01	0	%100
150	B85	Z	-2.315	-2.315	0	%100
151	B86	X	-4.803	-4.803	0	%100
152	B86	Z	-2.773	-2.773	0	%100
153	B87	X	-4.803	-4.803	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
154	B87	Z	-2.773	-2.773	0	%100
155	MP1B	X	-8.46	-8.46	0	%100
156	MP1B	Z	-4.884	-4.884	0	%100
157	MP2B	X	-10.241	-10.241	0	%100
158	MP2B	Z	-5.912	-5.912	0	%100
159	MP3B	X	-8.46	-8.46	0	%100
160	MP3B	Z	-4.884	-4.884	0	%100
161	MP4B	X	-8.46	-8.46	0	%100
162	MP4B	Z	-4.884	-4.884	0	%100
163	MP5B	X	-8.46	-8.46	0	%100
164	MP5B	Z	-4.884	-4.884	0	%100
165	C103	X	-.01	-.01	0	%100
166	C103	Z	-.006	-.006	0	%100
167	C104	X	-1.326	-1.326	0	%100
168	C104	Z	-.765	-.765	0	%100
169	C105	X	-.01	-.01	0	%100
170	C105	Z	-.006	-.006	0	%100
171	C106	X	-1.326	-1.326	0	%100
172	C106	Z	-.765	-.765	0	%100
173	C107	X	-9.733	-9.733	0	%100
174	C107	Z	-5.62	-5.62	0	%100
175	C108	X	-9.733	-9.733	0	%100
176	C108	Z	-5.62	-5.62	0	%100
177	C109	X	-9.733	-9.733	0	%100
178	C109	Z	-5.62	-5.62	0	%100
179	C110	X	-1.695	-1.695	0	%100
180	C110	Z	-.978	-.978	0	%100
181	C111	X	-1.695	-1.695	0	%100
182	C111	Z	-.978	-.978	0	%100
183	C112	X	-1.695	-1.695	0	%100
184	C112	Z	-.978	-.978	0	%100
185	C113	X	-9.733	-9.733	0	%100
186	C113	Z	-5.62	-5.62	0	%100
187	C114	X	-9.733	-9.733	0	%100
188	C114	Z	-5.62	-5.62	0	%100
189	C115	X	-9.733	-9.733	0	%100
190	C115	Z	-5.62	-5.62	0	%100
191	C116	X	-1.695	-1.695	0	%100
192	C116	Z	-.978	-.978	0	%100
193	C117	X	-1.695	-1.695	0	%100
194	C117	Z	-.978	-.978	0	%100
195	C118	X	-1.695	-1.695	0	%100
196	C118	Z	-.978	-.978	0	%100
197	C119	X	-5.378	-5.378	0	%100
198	C119	Z	-3.105	-3.105	0	%100
199	C120	X	-5.378	-5.378	0	%100
200	C120	Z	-3.105	-3.105	0	%100
201	C121	X	-5.378	-5.378	0	%100
202	C121	Z	-3.105	-3.105	0	%100
203	C122	X	-5.378	-5.378	0	%100
204	C122	Z	-3.105	-3.105	0	%100
205	C123	X	-4.231	-4.231	0	%100
206	C123	Z	-2.443	-2.443	0	%100
207	C124	X	-4.231	-4.231	0	%100
208	C124	Z	-2.443	-2.443	0	%100
209	C125	X	-8.395	-8.395	0	%100
210	C125	Z	-4.847	-4.847	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
211	C126	X	-.064	-.064	0	%100
212	C126	Z	-.037	-.037	0	%100
213	C127	X	-8.395	-8.395	0	%100
214	C127	Z	-4.847	-4.847	0	%100
215	C128	X	-.064	-.064	0	%100
216	C128	Z	-.037	-.037	0	%100
217	C129	X	-1.715	-1.715	0	%100
218	C129	Z	-.99	-.99	0	%100
219	C130	X	-1.715	-1.715	0	%100
220	C130	Z	-.99	-.99	0	%100
221	C131	X	-6.357	-6.357	0	%100
222	C131	Z	-3.67	-3.67	0	%100
223	C132	X	-6.357	-6.357	0	%100
224	C132	Z	-3.67	-3.67	0	%100
225	C133	X	-12.385	-12.385	0	%100
226	C133	Z	-7.15	-7.15	0	%100
227	C134	X	-12.385	-12.385	0	%100
228	C134	Z	-7.15	-7.15	0	%100
229	C135	X	-5.548	-5.548	0	%100
230	C135	Z	-3.203	-3.203	0	%100
231	C136	X	-5.548	-5.548	0	%100
232	C136	Z	-3.203	-3.203	0	%100
233	C137	X	-3.265	-3.265	0	%100
234	C137	Z	-1.885	-1.885	0	%100
235	C138	X	-3.265	-3.265	0	%100
236	C138	Z	-1.885	-1.885	0	%100
237	MP1C	X	-8.46	-8.46	0	%100
238	MP1C	Z	-4.884	-4.884	0	%100
239	MP2C	X	-10.241	-10.241	0	%100
240	MP2C	Z	-5.912	-5.912	0	%100
241	MP3C	X	-8.46	-8.46	0	%100
242	MP3C	Z	-4.884	-4.884	0	%100
243	MP4C	X	-8.46	-8.46	0	%100
244	MP4C	Z	-4.884	-4.884	0	%100
245	MP5C	X	-8.46	-8.46	0	%100
246	MP5C	Z	-4.884	-4.884	0	%100
247	M156	X	-.023	-.023	0	%100
248	M156	Z	-.013	-.013	0	%100
249	M155	X	-.929	-.929	0	%100
250	M155	Z	-.536	-.536	0	%100
251	M156A	X	-4.9	-4.9	0	%100
252	M156A	Z	-2.829	-2.829	0	%100
253	M157	X	-6.712	-6.712	0	%100
254	M157	Z	-3.875	-3.875	0	%100
255	M158	X	-3.59	-3.59	0	%100
256	M158	Z	-2.073	-2.073	0	%100
257	M159	X	-8.402	-8.402	0	%100
258	M159	Z	-4.851	-4.851	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.72	-.72	0	%100
2	A1	Z	-1.246	-1.246	0	%100
3	A2	X	-.052	-.052	0	%100
4	A2	Z	-.09	-.09	0	%100
5	A3	X	-.72	-.72	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
6	A3	Z	-1.246	-1.246	0	%100
7	A4	X	-.052	-.052	0	%100
8	A4	Z	-.09	-.09	0	%100
9	A5	X	-1.258	-1.258	0	%100
10	A5	Z	-2.179	-2.179	0	%100
11	A6	X	-1.258	-1.258	0	%100
12	A6	Z	-2.179	-2.179	0	%100
13	A7	X	-1.258	-1.258	0	%100
14	A7	Z	-2.179	-2.179	0	%100
15	A8	X	-5.34	-5.34	0	%100
16	A8	Z	-9.249	-9.249	0	%100
17	A9	X	-5.34	-5.34	0	%100
18	A9	Z	-9.249	-9.249	0	%100
19	A10	X	-5.34	-5.34	0	%100
20	A10	Z	-9.249	-9.249	0	%100
21	A11	X	-1.258	-1.258	0	%100
22	A11	Z	-2.179	-2.179	0	%100
23	A12	X	-1.258	-1.258	0	%100
24	A12	Z	-2.179	-2.179	0	%100
25	A13	X	-1.258	-1.258	0	%100
26	A13	Z	-2.179	-2.179	0	%100
27	A14	X	-5.34	-5.34	0	%100
28	A14	Z	-9.249	-9.249	0	%100
29	A15	X	-5.34	-5.34	0	%100
30	A15	Z	-9.249	-9.249	0	%100
31	A16	X	-5.34	-5.34	0	%100
32	A16	Z	-9.249	-9.249	0	%100
33	A17	X	-3.105	-3.105	0	%100
34	A17	Z	-5.378	-5.378	0	%100
35	A18	X	-3.105	-3.105	0	%100
36	A18	Z	-5.378	-5.378	0	%100
37	A19	X	-3.105	-3.105	0	%100
38	A19	Z	-5.378	-5.378	0	%100
39	A20	X	-3.105	-3.105	0	%100
40	A20	Z	-5.378	-5.378	0	%100
41	A21	X	-4.434	-4.434	0	%100
42	A21	Z	-7.68	-7.68	0	%100
43	A22	X	-4.434	-4.434	0	%100
44	A22	Z	-7.68	-7.68	0	%100
45	A23	X	-.328	-.328	0	%100
46	A23	Z	-.567	-.567	0	%100
47	A24	X	-4.557	-4.557	0	%100
48	A24	Z	-7.894	-7.894	0	%100
49	A25	X	-.328	-.328	0	%100
50	A25	Z	-.567	-.567	0	%100
51	A26	X	-4.557	-4.557	0	%100
52	A26	Z	-7.894	-7.894	0	%100
53	A27	X	-6.779	-6.779	0	%100
54	A27	Z	-11.741	-11.741	0	%100
55	A28	X	-6.779	-6.779	0	%100
56	A28	Z	-11.741	-11.741	0	%100
57	A29	X	-3.67	-3.67	0	%100
58	A29	Z	-6.357	-6.357	0	%100
59	A30	X	-3.67	-3.67	0	%100
60	A30	Z	-6.357	-6.357	0	%100
61	A31	X	-1.362	-1.362	0	%100
62	A31	Z	-2.358	-2.358	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
63	A32	X	-1.362	-1.362	0	%100
64	A32	Z	-2.358	-2.358	0	%100
65	A33	X	-1.965	-1.965	0	%100
66	A33	Z	-3.403	-3.403	0	%100
67	A34	X	-1.965	-1.965	0	%100
68	A34	Z	-3.403	-3.403	0	%100
69	A35	X	-3.124	-3.124	0	%100
70	A35	Z	-5.41	-5.41	0	%100
71	A36	X	-3.124	-3.124	0	%100
72	A36	Z	-5.41	-5.41	0	%100
73	MP1A	X	-4.884	-4.884	0	%100
74	MP1A	Z	-8.46	-8.46	0	%100
75	MP2A	X	-5.912	-5.912	0	%100
76	MP2A	Z	-10.241	-10.241	0	%100
77	MP3A	X	-4.884	-4.884	0	%100
78	MP3A	Z	-8.46	-8.46	0	%100
79	MP4A	X	-4.884	-4.884	0	%100
80	MP4A	Z	-8.46	-8.46	0	%100
81	MP5A	X	-4.884	-4.884	0	%100
82	MP5A	Z	-8.46	-8.46	0	%100
83	B52	X	-.138	-.138	0	%100
84	B52	Z	-.239	-.239	0	%100
85	B53	X	-.634	-.634	0	%100
86	B53	Z	-1.097	-1.097	0	%100
87	B54	X	-.138	-.138	0	%100
88	B54	Z	-.239	-.239	0	%100
89	B55	X	-.634	-.634	0	%100
90	B55	Z	-1.097	-1.097	0	%100
91	B56	X	-4.814	-4.814	0	%100
92	B56	Z	-8.337	-8.337	0	%100
93	B57	X	-4.814	-4.814	0	%100
94	B57	Z	-8.337	-8.337	0	%100
95	B58	X	-4.814	-4.814	0	%100
96	B58	Z	-8.337	-8.337	0	%100
97	B59	X	-1.784	-1.784	0	%100
98	B59	Z	-3.09	-3.09	0	%100
99	B60	X	-1.784	-1.784	0	%100
100	B60	Z	-3.09	-3.09	0	%100
101	B61	X	-1.784	-1.784	0	%100
102	B61	Z	-3.09	-3.09	0	%100
103	B62	X	-4.814	-4.814	0	%100
104	B62	Z	-8.337	-8.337	0	%100
105	B63	X	-4.814	-4.814	0	%100
106	B63	Z	-8.337	-8.337	0	%100
107	B64	X	-4.814	-4.814	0	%100
108	B64	Z	-8.337	-8.337	0	%100
109	B65	X	-1.784	-1.784	0	%100
110	B65	Z	-3.09	-3.09	0	%100
111	B66	X	-1.784	-1.784	0	%100
112	B66	Z	-3.09	-3.09	0	%100
113	B67	X	-1.784	-1.784	0	%100
114	B67	Z	-3.09	-3.09	0	%100
115	B68	X	-3.105	-3.105	0	%100
116	B68	Z	-5.378	-5.378	0	%100
117	B69	X	-3.105	-3.105	0	%100
118	B69	Z	-5.378	-5.378	0	%100
119	B70	X	-3.105	-3.105	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
120	B70	Z	-5.378	-5.378	0	%100
121	B71	X	-3.105	-3.105	0	%100
122	B71	Z	-5.378	-5.378	0	%100
123	B72	X	-5.221	-5.221	0	%100
124	B72	Z	-9.043	-9.043	0	%100
125	B73	X	-5.221	-5.221	0	%100
126	B73	Z	-9.043	-9.043	0	%100
127	B74	X	-4.012	-4.012	0	%100
128	B74	Z	-6.95	-6.95	0	%100
129	B75	X	-.873	-.873	0	%100
130	B75	Z	-1.512	-1.512	0	%100
131	B76	X	-4.012	-4.012	0	%100
132	B76	Z	-6.95	-6.95	0	%100
133	B77	X	-.873	-.873	0	%100
134	B77	Z	-1.512	-1.512	0	%100
135	B78	X	-2.06	-2.06	0	%100
136	B78	Z	-3.568	-3.568	0	%100
137	B79	X	-2.06	-2.06	0	%100
138	B79	Z	-3.568	-3.568	0	%100
139	B80	X	-3.67	-3.67	0	%100
140	B80	Z	-6.357	-6.357	0	%100
141	B81	X	-3.67	-3.67	0	%100
142	B81	Z	-6.357	-6.357	0	%100
143	B82	X	-6.081	-6.081	0	%100
144	B82	Z	-10.532	-10.532	0	%100
145	B83	X	-6.081	-6.081	0	%100
146	B83	Z	-10.532	-10.532	0	%100
147	B84	X	-2.974	-2.974	0	%100
148	B84	Z	-5.152	-5.152	0	%100
149	B85	X	-2.974	-2.974	0	%100
150	B85	Z	-5.152	-5.152	0	%100
151	B86	X	-2.114	-2.114	0	%100
152	B86	Z	-3.662	-3.662	0	%100
153	B87	X	-2.114	-2.114	0	%100
154	B87	Z	-3.662	-3.662	0	%100
155	MP1B	X	-4.884	-4.884	0	%100
156	MP1B	Z	-8.46	-8.46	0	%100
157	MP2B	X	-5.912	-5.912	0	%100
158	MP2B	Z	-10.241	-10.241	0	%100
159	MP3B	X	-4.884	-4.884	0	%100
160	MP3B	Z	-8.46	-8.46	0	%100
161	MP4B	X	-4.884	-4.884	0	%100
162	MP4B	Z	-8.46	-8.46	0	%100
163	MP5B	X	-4.884	-4.884	0	%100
164	MP5B	Z	-8.46	-8.46	0	%100
165	C103	X	-.254	-.254	0	%100
166	C103	Z	-.439	-.439	0	%100
167	C104	X	-.517	-.517	0	%100
168	C104	Z	-.896	-.896	0	%100
169	C105	X	-.254	-.254	0	%100
170	C105	Z	-.439	-.439	0	%100
171	C106	X	-.517	-.517	0	%100
172	C106	Z	-.896	-.896	0	%100
173	C107	X	-4.105	-4.105	0	%100
174	C107	Z	-7.11	-7.11	0	%100
175	C108	X	-4.105	-4.105	0	%100
176	C108	Z	-7.11	-7.11	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
177	C109	X	-4.105	-4.105	0	%100
178	C109	Z	-7.11	-7.11	0	%100
179	C110	X	-2.493	-2.493	0	%100
180	C110	Z	-4.318	-4.318	0	%100
181	C111	X	-2.493	-2.493	0	%100
182	C111	Z	-4.318	-4.318	0	%100
183	C112	X	-2.493	-2.493	0	%100
184	C112	Z	-4.318	-4.318	0	%100
185	C113	X	-4.105	-4.105	0	%100
186	C113	Z	-7.11	-7.11	0	%100
187	C114	X	-4.105	-4.105	0	%100
188	C114	Z	-7.11	-7.11	0	%100
189	C115	X	-4.105	-4.105	0	%100
190	C115	Z	-7.11	-7.11	0	%100
191	C116	X	-2.493	-2.493	0	%100
192	C116	Z	-4.318	-4.318	0	%100
193	C117	X	-2.493	-2.493	0	%100
194	C117	Z	-4.318	-4.318	0	%100
195	C118	X	-2.493	-2.493	0	%100
196	C118	Z	-4.318	-4.318	0	%100
197	C119	X	-3.105	-3.105	0	%100
198	C119	Z	-5.378	-5.378	0	%100
199	C120	X	-3.105	-3.105	0	%100
200	C120	Z	-5.378	-5.378	0	%100
201	C121	X	-3.105	-3.105	0	%100
202	C121	Z	-5.378	-5.378	0	%100
203	C122	X	-3.105	-3.105	0	%100
204	C122	Z	-5.378	-5.378	0	%100
205	C123	X	-.178	-.178	0	%100
206	C123	Z	-.309	-.309	0	%100
207	C124	X	-.178	-.178	0	%100
208	C124	Z	-.309	-.309	0	%100
209	C125	X	-3.277	-3.277	0	%100
210	C125	Z	-5.675	-5.675	0	%100
211	C126	X	-1.606	-1.606	0	%100
212	C126	Z	-2.782	-2.782	0	%100
213	C127	X	-3.277	-3.277	0	%100
214	C127	Z	-5.675	-5.675	0	%100
215	C128	X	-1.606	-1.606	0	%100
216	C128	Z	-2.782	-2.782	0	%100
217	C129	X	-3	-3	0	%100
218	C129	Z	-5.197	-5.197	0	%100
219	C130	X	-3	-3	0	%100
220	C130	Z	-5.197	-5.197	0	%100
221	C131	X	-3.67	-3.67	0	%100
222	C131	Z	-6.357	-6.357	0	%100
223	C132	X	-3.67	-3.67	0	%100
224	C132	Z	-6.357	-6.357	0	%100
225	C133	X	-5.14	-5.14	0	%100
226	C133	Z	-8.902	-8.902	0	%100
227	C134	X	-5.14	-5.14	0	%100
228	C134	Z	-8.902	-8.902	0	%100
229	C135	X	-2.773	-2.773	0	%100
230	C135	Z	-4.803	-4.803	0	%100
231	C136	X	-2.773	-2.773	0	%100
232	C136	Z	-4.803	-4.803	0	%100
233	C137	X	-2.315	-2.315	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
234	C137	Z	-4.01	-4.01	0	%100
235	C138	X	-2.315	-2.315	0	%100
236	C138	Z	-4.01	-4.01	0	%100
237	MP1C	X	-4.884	-4.884	0	%100
238	MP1C	Z	-8.46	-8.46	0	%100
239	MP2C	X	-5.912	-5.912	0	%100
240	MP2C	Z	-10.241	-10.241	0	%100
241	MP3C	X	-4.884	-4.884	0	%100
242	MP3C	Z	-8.46	-8.46	0	%100
243	MP4C	X	-4.884	-4.884	0	%100
244	MP4C	Z	-8.46	-8.46	0	%100
245	MP5C	X	-4.884	-4.884	0	%100
246	MP5C	Z	-8.46	-8.46	0	%100
247	M156	X	-1.446	-1.446	0	%100
248	M156	Z	-2.505	-2.505	0	%100
249	M155	X	-2.811	-2.811	0	%100
250	M155	Z	-4.869	-4.869	0	%100
251	M156A	X	-.547	-.547	0	%100
252	M156A	Z	-.948	-.948	0	%100
253	M157	X	-4.871	-4.871	0	%100
254	M157	Z	-8.437	-8.437	0	%100
255	M158	X	-.167	-.167	0	%100
256	M158	Z	-.289	-.289	0	%100
257	M159	X	-3.996	-3.996	0	%100
258	M159	Z	-6.92	-6.92	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	0	0	0	%100
2	A1	Z	-.911	-.911	0	%100
3	A2	X	0	0	0	%100
4	A2	Z	-.911	-.911	0	%100
5	A3	X	0	0	0	%100
6	A3	Z	-.911	-.911	0	%100
7	A4	X	0	0	0	%100
8	A4	Z	-.911	-.911	0	%100
9	A5	X	0	0	0	%100
10	A5	Z	-2.747	-2.747	0	%100
11	A6	X	0	0	0	%100
12	A6	Z	-2.747	-2.747	0	%100
13	A7	X	0	0	0	%100
14	A7	Z	-2.747	-2.747	0	%100
15	A8	X	0	0	0	%100
16	A8	Z	-2.747	-2.747	0	%100
17	A9	X	0	0	0	%100
18	A9	Z	-2.747	-2.747	0	%100
19	A10	X	0	0	0	%100
20	A10	Z	-2.747	-2.747	0	%100
21	A11	X	0	0	0	%100
22	A11	Z	-2.747	-2.747	0	%100
23	A12	X	0	0	0	%100
24	A12	Z	-2.747	-2.747	0	%100
25	A13	X	0	0	0	%100
26	A13	Z	-2.747	-2.747	0	%100
27	A14	X	0	0	0	%100
28	A14	Z	-2.747	-2.747	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
29	A15	X	0	0	0	%100
30	A15	Z	-2.747	-2.747	0	%100
31	A16	X	0	0	0	%100
32	A16	Z	-2.747	-2.747	0	%100
33	A17	X	0	0	0	%100
34	A17	Z	-3.031	-3.031	0	%100
35	A18	X	0	0	0	%100
36	A18	Z	-3.031	-3.031	0	%100
37	A19	X	0	0	0	%100
38	A19	Z	-3.031	-3.031	0	%100
39	A20	X	0	0	0	%100
40	A20	Z	-3.031	-3.031	0	%100
41	A21	X	0	0	0	%100
42	A21	Z	-4.804	-4.804	0	%100
43	A22	X	0	0	0	%100
44	A22	Z	-4.804	-4.804	0	%100
45	A23	X	0	0	0	%100
46	A23	Z	-2.096	-2.096	0	%100
47	A24	X	0	0	0	%100
48	A24	Z	-2.096	-2.096	0	%100
49	A25	X	0	0	0	%100
50	A25	Z	-2.096	-2.096	0	%100
51	A26	X	0	0	0	%100
52	A26	Z	-2.096	-2.096	0	%100
53	A27	X	0	0	0	%100
54	A27	Z	-3.03	-3.03	0	%100
55	A28	X	0	0	0	%100
56	A28	Z	-3.03	-3.03	0	%100
57	A29	X	0	0	0	%100
58	A29	Z	-3.144	-3.144	0	%100
59	A30	X	0	0	0	%100
60	A30	Z	-3.144	-3.144	0	%100
61	A31	X	0	0	0	%100
62	A31	Z	-3.03	-3.03	0	%100
63	A32	X	0	0	0	%100
64	A32	Z	-3.03	-3.03	0	%100
65	A33	X	0	0	0	%100
66	A33	Z	-2.549	-2.549	0	%100
67	A34	X	0	0	0	%100
68	A34	Z	-2.549	-2.549	0	%100
69	A35	X	0	0	0	%100
70	A35	Z	-2.549	-2.549	0	%100
71	A36	X	0	0	0	%100
72	A36	Z	-2.549	-2.549	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	-4.125	-4.125	0	%100
75	MP2A	X	0	0	0	%100
76	MP2A	Z	-4.752	-4.752	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-4.209	-4.209	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	-4.125	-4.125	0	%100
81	MP5A	X	0	0	0	%100
82	MP5A	Z	-4.125	-4.125	0	%100
83	B52	X	0	0	0	%100
84	B52	Z	-.014	-.014	0	%100
85	B53	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
86	B53	Z	-1.808	-1.808	0	%100
87	B54	X	0	0	0	%100
88	B54	Z	-.014	-.014	0	%100
89	B55	X	0	0	0	%100
90	B55	Z	-1.808	-1.808	0	%100
91	B56	X	0	0	0	%100
92	B56	Z	-3.597	-3.597	0	%100
93	B57	X	0	0	0	%100
94	B57	Z	-3.597	-3.597	0	%100
95	B58	X	0	0	0	%100
96	B58	Z	-3.597	-3.597	0	%100
97	B59	X	0	0	0	%100
98	B59	Z	-1.898	-1.898	0	%100
99	B60	X	0	0	0	%100
100	B60	Z	-1.898	-1.898	0	%100
101	B61	X	0	0	0	%100
102	B61	Z	-1.898	-1.898	0	%100
103	B62	X	0	0	0	%100
104	B62	Z	-3.597	-3.597	0	%100
105	B63	X	0	0	0	%100
106	B63	Z	-3.597	-3.597	0	%100
107	B64	X	0	0	0	%100
108	B64	Z	-3.597	-3.597	0	%100
109	B65	X	0	0	0	%100
110	B65	Z	-1.898	-1.898	0	%100
111	B66	X	0	0	0	%100
112	B66	Z	-1.898	-1.898	0	%100
113	B67	X	0	0	0	%100
114	B67	Z	-1.898	-1.898	0	%100
115	B68	X	0	0	0	%100
116	B68	Z	-3.031	-3.031	0	%100
117	B69	X	0	0	0	%100
118	B69	Z	-3.031	-3.031	0	%100
119	B70	X	0	0	0	%100
120	B70	Z	-3.031	-3.031	0	%100
121	B71	X	0	0	0	%100
122	B71	Z	-3.031	-3.031	0	%100
123	B72	X	0	0	0	%100
124	B72	Z	-1.985	-1.985	0	%100
125	B73	X	0	0	0	%100
126	B73	Z	-1.985	-1.985	0	%100
127	B74	X	0	0	0	%100
128	B74	Z	-4.159	-4.159	0	%100
129	B75	X	0	0	0	%100
130	B75	Z	-.032	-.032	0	%100
131	B76	X	0	0	0	%100
132	B76	Z	-4.159	-4.159	0	%100
133	B77	X	0	0	0	%100
134	B77	Z	-.032	-.032	0	%100
135	B78	X	0	0	0	%100
136	B78	Z	-1.902	-1.902	0	%100
137	B79	X	0	0	0	%100
138	B79	Z	-1.902	-1.902	0	%100
139	B80	X	0	0	0	%100
140	B80	Z	-3.144	-3.144	0	%100
141	B81	X	0	0	0	%100
142	B81	Z	-3.144	-3.144	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
143	B82	X	0	0	0	%100
144	B82	Z	-4.157	-4.157	0	%100
145	B83	X	0	0	0	%100
146	B83	Z	-4.157	-4.157	0	%100
147	B84	X	0	0	0	%100
148	B84	Z	-3.208	-3.208	0	%100
149	B85	X	0	0	0	%100
150	B85	Z	-3.208	-3.208	0	%100
151	B86	X	0	0	0	%100
152	B86	Z	-1.888	-1.888	0	%100
153	B87	X	0	0	0	%100
154	B87	Z	-1.888	-1.888	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	-4.125	-4.125	0	%100
157	MP2B	X	0	0	0	%100
158	MP2B	Z	-4.752	-4.752	0	%100
159	MP3B	X	0	0	0	%100
160	MP3B	Z	-4.209	-4.209	0	%100
161	MP4B	X	0	0	0	%100
162	MP4B	Z	-4.125	-4.125	0	%100
163	MP5B	X	0	0	0	%100
164	MP5B	Z	-4.125	-4.125	0	%100
165	C103	X	0	0	0	%100
166	C103	Z	-1.497	-1.497	0	%100
167	C104	X	0	0	0	%100
168	C104	Z	-.325	-.325	0	%100
169	C105	X	0	0	0	%100
170	C105	Z	-1.497	-1.497	0	%100
171	C106	X	0	0	0	%100
172	C106	Z	-.325	-.325	0	%100
173	C107	X	0	0	0	%100
174	C107	Z	-2.193	-2.193	0	%100
175	C108	X	0	0	0	%100
176	C108	Z	-2.193	-2.193	0	%100
177	C109	X	0	0	0	%100
178	C109	Z	-2.193	-2.193	0	%100
179	C110	X	0	0	0	%100
180	C110	Z	-3.302	-3.302	0	%100
181	C111	X	0	0	0	%100
182	C111	Z	-3.302	-3.302	0	%100
183	C112	X	0	0	0	%100
184	C112	Z	-3.302	-3.302	0	%100
185	C113	X	0	0	0	%100
186	C113	Z	-2.193	-2.193	0	%100
187	C114	X	0	0	0	%100
188	C114	Z	-2.193	-2.193	0	%100
189	C115	X	0	0	0	%100
190	C115	Z	-2.193	-2.193	0	%100
191	C116	X	0	0	0	%100
192	C116	Z	-3.302	-3.302	0	%100
193	C117	X	0	0	0	%100
194	C117	Z	-3.302	-3.302	0	%100
195	C118	X	0	0	0	%100
196	C118	Z	-3.302	-3.302	0	%100
197	C119	X	0	0	0	%100
198	C119	Z	-3.031	-3.031	0	%100
199	C120	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
200	C120	Z	-3.031	-3.031	0	%100
201	C121	X	0	0	0	%100
202	C121	Z	-3.031	-3.031	0	%100
203	C122	X	0	0	0	%100
204	C122	Z	-3.031	-3.031	0	%100
205	C123	X	0	0	0	%100
206	C123	Z	-.562	-.562	0	%100
207	C124	X	0	0	0	%100
208	C124	Z	-.562	-.562	0	%100
209	C125	X	0	0	0	%100
210	C125	Z	-.748	-.748	0	%100
211	C126	X	0	0	0	%100
212	C126	Z	-3.442	-3.442	0	%100
213	C127	X	0	0	0	%100
214	C127	Z	-.748	-.748	0	%100
215	C128	X	0	0	0	%100
216	C128	Z	-3.442	-3.442	0	%100
217	C129	X	0	0	0	%100
218	C129	Z	-3.765	-3.765	0	%100
219	C130	X	0	0	0	%100
220	C130	Z	-3.765	-3.765	0	%100
221	C131	X	0	0	0	%100
222	C131	Z	-3.144	-3.144	0	%100
223	C132	X	0	0	0	%100
224	C132	Z	-3.144	-3.144	0	%100
225	C133	X	0	0	0	%100
226	C133	Z	-2.294	-2.294	0	%100
227	C134	X	0	0	0	%100
228	C134	Z	-2.294	-2.294	0	%100
229	C135	X	0	0	0	%100
230	C135	Z	-2.117	-2.117	0	%100
231	C136	X	0	0	0	%100
232	C136	Z	-2.117	-2.117	0	%100
233	C137	X	0	0	0	%100
234	C137	Z	-2.979	-2.979	0	%100
235	C138	X	0	0	0	%100
236	C138	Z	-2.979	-2.979	0	%100
237	MP1C	X	0	0	0	%100
238	MP1C	Z	-4.125	-4.125	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	-4.752	-4.752	0	%100
241	MP3C	X	0	0	0	%100
242	MP3C	Z	-4.209	-4.209	0	%100
243	MP4C	X	0	0	0	%100
244	MP4C	Z	-4.125	-4.125	0	%100
245	MP5C	X	0	0	0	%100
246	MP5C	Z	-4.125	-4.125	0	%100
247	M156	X	0	0	0	%100
248	M156	Z	-3.513	-3.513	0	%100
249	M155	X	0	0	0	%100
250	M155	Z	-4.276	-4.276	0	%100
251	M156A	X	0	0	0	%100
252	M156A	Z	-.145	-.145	0	%100
253	M157	X	0	0	0	%100
254	M157	Z	-3.116	-3.116	0	%100
255	M158	X	0	0	0	%100
256	M158	Z	-.486	-.486	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
257	M159	X	0	0	0	%100
258	M159	Z	-1.439	-1.439	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.061	.061	0	%100
2	A1	Z	-.106	-.106	0	%100
3	A2	X	.85	.85	0	%100
4	A2	Z	-1.472	-1.472	0	%100
5	A3	X	.061	.061	0	%100
6	A3	Z	-.106	-.106	0	%100
7	A4	X	.85	.85	0	%100
8	A4	Z	-1.472	-1.472	0	%100
9	A5	X	1.747	1.747	0	%100
10	A5	Z	-3.026	-3.026	0	%100
11	A6	X	1.747	1.747	0	%100
12	A6	Z	-3.026	-3.026	0	%100
13	A7	X	1.747	1.747	0	%100
14	A7	Z	-3.026	-3.026	0	%100
15	A8	X	1	1	0	%100
16	A8	Z	-1.732	-1.732	0	%100
17	A9	X	1	1	0	%100
18	A9	Z	-1.732	-1.732	0	%100
19	A10	X	1	1	0	%100
20	A10	Z	-1.732	-1.732	0	%100
21	A11	X	1.747	1.747	0	%100
22	A11	Z	-3.026	-3.026	0	%100
23	A12	X	1.747	1.747	0	%100
24	A12	Z	-3.026	-3.026	0	%100
25	A13	X	1.747	1.747	0	%100
26	A13	Z	-3.026	-3.026	0	%100
27	A14	X	1	1	0	%100
28	A14	Z	-1.732	-1.732	0	%100
29	A15	X	1	1	0	%100
30	A15	Z	-1.732	-1.732	0	%100
31	A16	X	1	1	0	%100
32	A16	Z	-1.732	-1.732	0	%100
33	A17	X	1.516	1.516	0	%100
34	A17	Z	-2.625	-2.625	0	%100
35	A18	X	1.516	1.516	0	%100
36	A18	Z	-2.625	-2.625	0	%100
37	A19	X	1.516	1.516	0	%100
38	A19	Z	-2.625	-2.625	0	%100
39	A20	X	1.516	1.516	0	%100
40	A20	Z	-2.625	-2.625	0	%100
41	A21	X	1.801	1.801	0	%100
42	A21	Z	-3.12	-3.12	0	%100
43	A22	X	1.801	1.801	0	%100
44	A22	Z	-3.12	-3.12	0	%100
45	A23	X	1.955	1.955	0	%100
46	A23	Z	-3.387	-3.387	0	%100
47	A24	X	.141	.141	0	%100
48	A24	Z	-.243	-.243	0	%100
49	A25	X	1.955	1.955	0	%100
50	A25	Z	-3.387	-3.387	0	%100
51	A26	X	.141	.141	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
52	A26	Z	-.243	-.243	0	%100
53	A27	X	1.019	1.019	0	%100
54	A27	Z	-1.765	-1.765	0	%100
55	A28	X	1.019	1.019	0	%100
56	A28	Z	-1.765	-1.765	0	%100
57	A29	X	1.572	1.572	0	%100
58	A29	Z	-2.723	-2.723	0	%100
59	A30	X	1.572	1.572	0	%100
60	A30	Z	-2.723	-2.723	0	%100
61	A31	X	2.01	2.01	0	%100
62	A31	Z	-3.482	-3.482	0	%100
63	A32	X	2.01	2.01	0	%100
64	A32	Z	-3.482	-3.482	0	%100
65	A33	X	1.564	1.564	0	%100
66	A33	Z	-2.71	-2.71	0	%100
67	A34	X	1.564	1.564	0	%100
68	A34	Z	-2.71	-2.71	0	%100
69	A35	X	.984	.984	0	%100
70	A35	Z	-1.704	-1.704	0	%100
71	A36	X	.984	.984	0	%100
72	A36	Z	-1.704	-1.704	0	%100
73	MP1A	X	2.063	2.063	0	%100
74	MP1A	Z	-3.572	-3.572	0	%100
75	MP2A	X	2.376	2.376	0	%100
76	MP2A	Z	-4.116	-4.116	0	%100
77	MP3A	X	2.104	2.104	0	%100
78	MP3A	Z	-3.645	-3.645	0	%100
79	MP4A	X	2.063	2.063	0	%100
80	MP4A	Z	-3.572	-3.572	0	%100
81	MP5A	X	2.063	2.063	0	%100
82	MP5A	Z	-3.572	-3.572	0	%100
83	B52	X	.3	.3	0	%100
84	B52	Z	-.519	-.519	0	%100
85	B53	X	.611	.611	0	%100
86	B53	Z	-1.059	-1.059	0	%100
87	B54	X	.3	.3	0	%100
88	B54	Z	-.519	-.519	0	%100
89	B55	X	.611	.611	0	%100
90	B55	Z	-1.059	-1.059	0	%100
91	B56	X	1.521	1.521	0	%100
92	B56	Z	-2.635	-2.635	0	%100
93	B57	X	1.521	1.521	0	%100
94	B57	Z	-2.635	-2.635	0	%100
95	B58	X	1.521	1.521	0	%100
96	B58	Z	-2.635	-2.635	0	%100
97	B59	X	1.226	1.226	0	%100
98	B59	Z	-2.124	-2.124	0	%100
99	B60	X	1.226	1.226	0	%100
100	B60	Z	-2.124	-2.124	0	%100
101	B61	X	1.226	1.226	0	%100
102	B61	Z	-2.124	-2.124	0	%100
103	B62	X	1.521	1.521	0	%100
104	B62	Z	-2.635	-2.635	0	%100
105	B63	X	1.521	1.521	0	%100
106	B63	Z	-2.635	-2.635	0	%100
107	B64	X	1.521	1.521	0	%100
108	B64	Z	-2.635	-2.635	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
109	B65	X	1.226	1.226	0	%100
110	B65	Z	-2.124	-2.124	0	%100
111	B66	X	1.226	1.226	0	%100
112	B66	Z	-2.124	-2.124	0	%100
113	B67	X	1.226	1.226	0	%100
114	B67	Z	-2.124	-2.124	0	%100
115	B68	X	1.516	1.516	0	%100
116	B68	Z	-2.625	-2.625	0	%100
117	B69	X	1.516	1.516	0	%100
118	B69	Z	-2.625	-2.625	0	%100
119	B70	X	1.516	1.516	0	%100
120	B70	Z	-2.625	-2.625	0	%100
121	B71	X	1.516	1.516	0	%100
122	B71	Z	-2.625	-2.625	0	%100
123	B72	X	.072	.072	0	%100
124	B72	Z	-.125	-.125	0	%100
125	B73	X	.072	.072	0	%100
126	B73	Z	-.125	-.125	0	%100
127	B74	X	1.406	1.406	0	%100
128	B74	Z	-2.435	-2.435	0	%100
129	B75	X	.689	.689	0	%100
130	B75	Z	-1.194	-1.194	0	%100
131	B76	X	1.406	1.406	0	%100
132	B76	Z	-2.435	-2.435	0	%100
133	B77	X	.689	.689	0	%100
134	B77	Z	-1.194	-1.194	0	%100
135	B78	X	1.319	1.319	0	%100
136	B78	Z	-2.285	-2.285	0	%100
137	B79	X	1.319	1.319	0	%100
138	B79	Z	-2.285	-2.285	0	%100
139	B80	X	1.572	1.572	0	%100
140	B80	Z	-2.723	-2.723	0	%100
141	B81	X	1.572	1.572	0	%100
142	B81	Z	-2.723	-2.723	0	%100
143	B82	X	1.711	1.711	0	%100
144	B82	Z	-2.963	-2.963	0	%100
145	B83	X	1.711	1.711	0	%100
146	B83	Z	-2.963	-2.963	0	%100
147	B84	X	1.389	1.389	0	%100
148	B84	Z	-2.405	-2.405	0	%100
149	B85	X	1.389	1.389	0	%100
150	B85	Z	-2.405	-2.405	0	%100
151	B86	X	1.159	1.159	0	%100
152	B86	Z	-2.008	-2.008	0	%100
153	B87	X	1.159	1.159	0	%100
154	B87	Z	-2.008	-2.008	0	%100
155	MP1B	X	2.063	2.063	0	%100
156	MP1B	Z	-3.572	-3.572	0	%100
157	MP2B	X	2.376	2.376	0	%100
158	MP2B	Z	-4.116	-4.116	0	%100
159	MP3B	X	2.104	2.104	0	%100
160	MP3B	Z	-3.645	-3.645	0	%100
161	MP4B	X	2.063	2.063	0	%100
162	MP4B	Z	-3.572	-3.572	0	%100
163	MP5B	X	2.063	2.063	0	%100
164	MP5B	Z	-3.572	-3.572	0	%100
165	C103	X	.904	.904	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
166	C103	Z	-1.566	-1.566	0	%100
167	C104	X	.007	.007	0	%100
168	C104	Z	-.012	-.012	0	%100
169	C105	X	.904	.904	0	%100
170	C105	Z	-1.566	-1.566	0	%100
171	C106	X	.007	.007	0	%100
172	C106	Z	-.012	-.012	0	%100
173	C107	X	.949	.949	0	%100
174	C107	Z	-1.644	-1.644	0	%100
175	C108	X	.949	.949	0	%100
176	C108	Z	-1.644	-1.644	0	%100
177	C109	X	.949	.949	0	%100
178	C109	Z	-1.644	-1.644	0	%100
179	C110	X	1.798	1.798	0	%100
180	C110	Z	-3.115	-3.115	0	%100
181	C111	X	1.798	1.798	0	%100
182	C111	Z	-3.115	-3.115	0	%100
183	C112	X	1.798	1.798	0	%100
184	C112	Z	-3.115	-3.115	0	%100
185	C113	X	.949	.949	0	%100
186	C113	Z	-1.644	-1.644	0	%100
187	C114	X	.949	.949	0	%100
188	C114	Z	-1.644	-1.644	0	%100
189	C115	X	.949	.949	0	%100
190	C115	Z	-1.644	-1.644	0	%100
191	C116	X	1.798	1.798	0	%100
192	C116	Z	-3.115	-3.115	0	%100
193	C117	X	1.798	1.798	0	%100
194	C117	Z	-3.115	-3.115	0	%100
195	C118	X	1.798	1.798	0	%100
196	C118	Z	-3.115	-3.115	0	%100
197	C119	X	1.516	1.516	0	%100
198	C119	Z	-2.625	-2.625	0	%100
199	C120	X	1.516	1.516	0	%100
200	C120	Z	-2.625	-2.625	0	%100
201	C121	X	1.516	1.516	0	%100
202	C121	Z	-2.625	-2.625	0	%100
203	C122	X	1.516	1.516	0	%100
204	C122	Z	-2.625	-2.625	0	%100
205	C123	X	1.409	1.409	0	%100
206	C123	Z	-2.441	-2.441	0	%100
207	C124	X	1.409	1.409	0	%100
208	C124	Z	-2.441	-2.441	0	%100
209	C125	X	.016	.016	0	%100
210	C125	Z	-.028	-.028	0	%100
211	C126	X	2.08	2.08	0	%100
212	C126	Z	-3.602	-3.602	0	%100
213	C127	X	.016	.016	0	%100
214	C127	Z	-.028	-.028	0	%100
215	C128	X	2.08	2.08	0	%100
216	C128	Z	-3.602	-3.602	0	%100
217	C129	X	2.078	2.078	0	%100
218	C129	Z	-3.6	-3.6	0	%100
219	C130	X	2.078	2.078	0	%100
220	C130	Z	-3.6	-3.6	0	%100
221	C131	X	1.572	1.572	0	%100
222	C131	Z	-2.723	-2.723	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
223	C132	X	1.572	1.572	0	%100
224	C132	Z	-2.723	-2.723	0	%100
225	C133	X	.951	.951	0	%100
226	C133	Z	-1.647	-1.647	0	%100
227	C134	X	.951	.951	0	%100
228	C134	Z	-1.647	-1.647	0	%100
229	C135	X	.944	.944	0	%100
230	C135	Z	-1.635	-1.635	0	%100
231	C136	X	.944	.944	0	%100
232	C136	Z	-1.635	-1.635	0	%100
233	C137	X	1.604	1.604	0	%100
234	C137	Z	-2.779	-2.779	0	%100
235	C138	X	1.604	1.604	0	%100
236	C138	Z	-2.779	-2.779	0	%100
237	MP1C	X	2.063	2.063	0	%100
238	MP1C	Z	-3.572	-3.572	0	%100
239	MP2C	X	2.376	2.376	0	%100
240	MP2C	Z	-4.116	-4.116	0	%100
241	MP3C	X	2.104	2.104	0	%100
242	MP3C	Z	-3.645	-3.645	0	%100
243	MP4C	X	2.063	2.063	0	%100
244	MP4C	Z	-3.572	-3.572	0	%100
245	MP5C	X	2.063	2.063	0	%100
246	MP5C	Z	-3.572	-3.572	0	%100
247	M156	X	2.208	2.208	0	%100
248	M156	Z	-3.824	-3.824	0	%100
249	M155	X	1.971	1.971	0	%100
250	M155	Z	-3.413	-3.413	0	%100
251	M156A	X	.932	.932	0	%100
252	M156A	Z	-1.613	-1.613	0	%100
253	M157	X	.457	.457	0	%100
254	M157	Z	-.792	-.792	0	%100
255	M158	X	1.274	1.274	0	%100
256	M158	Z	-2.207	-2.207	0	%100
257	M159	X	.015	.015	0	%100
258	M159	Z	-.026	-.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.106	.106	0	%100
2	A1	Z	-.061	-.061	0	%100
3	A2	X	1.472	1.472	0	%100
4	A2	Z	-.85	-.85	0	%100
5	A3	X	.106	.106	0	%100
6	A3	Z	-.061	-.061	0	%100
7	A4	X	1.472	1.472	0	%100
8	A4	Z	-.85	-.85	0	%100
9	A5	X	3.026	3.026	0	%100
10	A5	Z	-1.747	-1.747	0	%100
11	A6	X	3.026	3.026	0	%100
12	A6	Z	-1.747	-1.747	0	%100
13	A7	X	3.026	3.026	0	%100
14	A7	Z	-1.747	-1.747	0	%100
15	A8	X	1.732	1.732	0	%100
16	A8	Z	-1	-1	0	%100
17	A9	X	1.732	1.732	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
18	A9	Z	-1	-1	0	%100
19	A10	X	1.732	1.732	0	%100
20	A10	Z	-1	-1	0	%100
21	A11	X	3.026	3.026	0	%100
22	A11	Z	-1.747	-1.747	0	%100
23	A12	X	3.026	3.026	0	%100
24	A12	Z	-1.747	-1.747	0	%100
25	A13	X	3.026	3.026	0	%100
26	A13	Z	-1.747	-1.747	0	%100
27	A14	X	1.732	1.732	0	%100
28	A14	Z	-1	-1	0	%100
29	A15	X	1.732	1.732	0	%100
30	A15	Z	-1	-1	0	%100
31	A16	X	1.732	1.732	0	%100
32	A16	Z	-1	-1	0	%100
33	A17	X	2.625	2.625	0	%100
34	A17	Z	-1.516	-1.516	0	%100
35	A18	X	2.625	2.625	0	%100
36	A18	Z	-1.516	-1.516	0	%100
37	A19	X	2.625	2.625	0	%100
38	A19	Z	-1.516	-1.516	0	%100
39	A20	X	2.625	2.625	0	%100
40	A20	Z	-1.516	-1.516	0	%100
41	A21	X	1.04	1.04	0	%100
42	A21	Z	-.6	-.6	0	%100
43	A22	X	1.04	1.04	0	%100
44	A22	Z	-.6	-.6	0	%100
45	A23	X	3.386	3.386	0	%100
46	A23	Z	-1.955	-1.955	0	%100
47	A24	X	.243	.243	0	%100
48	A24	Z	-.14	-.14	0	%100
49	A25	X	3.386	3.386	0	%100
50	A25	Z	-1.955	-1.955	0	%100
51	A26	X	.243	.243	0	%100
52	A26	Z	-.14	-.14	0	%100
53	A27	X	1.765	1.765	0	%100
54	A27	Z	-1.019	-1.019	0	%100
55	A28	X	1.765	1.765	0	%100
56	A28	Z	-1.019	-1.019	0	%100
57	A29	X	2.723	2.723	0	%100
58	A29	Z	-1.572	-1.572	0	%100
59	A30	X	2.723	2.723	0	%100
60	A30	Z	-1.572	-1.572	0	%100
61	A31	X	3.482	3.482	0	%100
62	A31	Z	-2.01	-2.01	0	%100
63	A32	X	3.482	3.482	0	%100
64	A32	Z	-2.01	-2.01	0	%100
65	A33	X	2.71	2.71	0	%100
66	A33	Z	-1.564	-1.564	0	%100
67	A34	X	2.71	2.71	0	%100
68	A34	Z	-1.564	-1.564	0	%100
69	A35	X	1.704	1.704	0	%100
70	A35	Z	-.984	-.984	0	%100
71	A36	X	1.704	1.704	0	%100
72	A36	Z	-.984	-.984	0	%100
73	MP1A	X	3.572	3.572	0	%100
74	MP1A	Z	-2.063	-2.063	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
75	MP2A	X	4.116	4.116	0	%100
76	MP2A	Z	-2.376	-2.376	0	%100
77	MP3A	X	3.645	3.645	0	%100
78	MP3A	Z	-2.104	-2.104	0	%100
79	MP4A	X	3.572	3.572	0	%100
80	MP4A	Z	-2.063	-2.063	0	%100
81	MP5A	X	3.572	3.572	0	%100
82	MP5A	Z	-2.063	-2.063	0	%100
83	B52	X	1.296	1.296	0	%100
84	B52	Z	-.748	-.748	0	%100
85	B53	X	.282	.282	0	%100
86	B53	Z	-.163	-.163	0	%100
87	B54	X	1.296	1.296	0	%100
88	B54	Z	-.748	-.748	0	%100
89	B55	X	.282	.282	0	%100
90	B55	Z	-.163	-.163	0	%100
91	B56	X	1.899	1.899	0	%100
92	B56	Z	-1.096	-1.096	0	%100
93	B57	X	1.899	1.899	0	%100
94	B57	Z	-1.096	-1.096	0	%100
95	B58	X	1.899	1.899	0	%100
96	B58	Z	-1.096	-1.096	0	%100
97	B59	X	2.859	2.859	0	%100
98	B59	Z	-1.651	-1.651	0	%100
99	B60	X	2.859	2.859	0	%100
100	B60	Z	-1.651	-1.651	0	%100
101	B61	X	2.859	2.859	0	%100
102	B61	Z	-1.651	-1.651	0	%100
103	B62	X	1.899	1.899	0	%100
104	B62	Z	-1.096	-1.096	0	%100
105	B63	X	1.899	1.899	0	%100
106	B63	Z	-1.096	-1.096	0	%100
107	B64	X	1.899	1.899	0	%100
108	B64	Z	-1.096	-1.096	0	%100
109	B65	X	2.859	2.859	0	%100
110	B65	Z	-1.651	-1.651	0	%100
111	B66	X	2.859	2.859	0	%100
112	B66	Z	-1.651	-1.651	0	%100
113	B67	X	2.859	2.859	0	%100
114	B67	Z	-1.651	-1.651	0	%100
115	B68	X	2.625	2.625	0	%100
116	B68	Z	-1.516	-1.516	0	%100
117	B69	X	2.625	2.625	0	%100
118	B69	Z	-1.516	-1.516	0	%100
119	B70	X	2.625	2.625	0	%100
120	B70	Z	-1.516	-1.516	0	%100
121	B71	X	2.625	2.625	0	%100
122	B71	Z	-1.516	-1.516	0	%100
123	B72	X	.487	.487	0	%100
124	B72	Z	-.281	-.281	0	%100
125	B73	X	.487	.487	0	%100
126	B73	Z	-.281	-.281	0	%100
127	B74	X	.648	.648	0	%100
128	B74	Z	-.374	-.374	0	%100
129	B75	X	2.981	2.981	0	%100
130	B75	Z	-1.721	-1.721	0	%100
131	B76	X	.648	.648	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
132	B76	Z	-.374	-.374	0	%100
133	B77	X	2.981	2.981	0	%100
134	B77	Z	-1.721	-1.721	0	%100
135	B78	X	3.261	3.261	0	%100
136	B78	Z	-1.883	-1.883	0	%100
137	B79	X	3.261	3.261	0	%100
138	B79	Z	-1.883	-1.883	0	%100
139	B80	X	2.723	2.723	0	%100
140	B80	Z	-1.572	-1.572	0	%100
141	B81	X	2.723	2.723	0	%100
142	B81	Z	-1.572	-1.572	0	%100
143	B82	X	1.986	1.986	0	%100
144	B82	Z	-1.147	-1.147	0	%100
145	B83	X	1.986	1.986	0	%100
146	B83	Z	-1.147	-1.147	0	%100
147	B84	X	1.834	1.834	0	%100
148	B84	Z	-1.059	-1.059	0	%100
149	B85	X	1.834	1.834	0	%100
150	B85	Z	-1.059	-1.059	0	%100
151	B86	X	2.58	2.58	0	%100
152	B86	Z	-1.49	-1.49	0	%100
153	B87	X	2.58	2.58	0	%100
154	B87	Z	-1.49	-1.49	0	%100
155	MP1B	X	3.572	3.572	0	%100
156	MP1B	Z	-2.063	-2.063	0	%100
157	MP2B	X	4.116	4.116	0	%100
158	MP2B	Z	-2.376	-2.376	0	%100
159	MP3B	X	3.645	3.645	0	%100
160	MP3B	Z	-2.104	-2.104	0	%100
161	MP4B	X	3.572	3.572	0	%100
162	MP4B	Z	-2.063	-2.063	0	%100
163	MP5B	X	3.572	3.572	0	%100
164	MP5B	Z	-2.063	-2.063	0	%100
165	C103	X	1.059	1.059	0	%100
166	C103	Z	-.611	-.611	0	%100
167	C104	X	.519	.519	0	%100
168	C104	Z	-.3	-.3	0	%100
169	C105	X	1.059	1.059	0	%100
170	C105	Z	-.611	-.611	0	%100
171	C106	X	.519	.519	0	%100
172	C106	Z	-.3	-.3	0	%100
173	C107	X	2.124	2.124	0	%100
174	C107	Z	-1.226	-1.226	0	%100
175	C108	X	2.124	2.124	0	%100
176	C108	Z	-1.226	-1.226	0	%100
177	C109	X	2.124	2.124	0	%100
178	C109	Z	-1.226	-1.226	0	%100
179	C110	X	2.635	2.635	0	%100
180	C110	Z	-1.521	-1.521	0	%100
181	C111	X	2.635	2.635	0	%100
182	C111	Z	-1.521	-1.521	0	%100
183	C112	X	2.635	2.635	0	%100
184	C112	Z	-1.521	-1.521	0	%100
185	C113	X	2.124	2.124	0	%100
186	C113	Z	-1.226	-1.226	0	%100
187	C114	X	2.124	2.124	0	%100
188	C114	Z	-1.226	-1.226	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
189	C115	X	2.124	2.124	0	%100
190	C115	Z	-1.226	-1.226	0	%100
191	C116	X	2.635	2.635	0	%100
192	C116	Z	-1.521	-1.521	0	%100
193	C117	X	2.635	2.635	0	%100
194	C117	Z	-1.521	-1.521	0	%100
195	C118	X	2.635	2.635	0	%100
196	C118	Z	-1.521	-1.521	0	%100
197	C119	X	2.625	2.625	0	%100
198	C119	Z	-1.516	-1.516	0	%100
199	C120	X	2.625	2.625	0	%100
200	C120	Z	-1.516	-1.516	0	%100
201	C121	X	2.625	2.625	0	%100
202	C121	Z	-1.516	-1.516	0	%100
203	C122	X	2.625	2.625	0	%100
204	C122	Z	-1.516	-1.516	0	%100
205	C123	X	4.035	4.035	0	%100
206	C123	Z	-2.329	-2.329	0	%100
207	C124	X	4.035	4.035	0	%100
208	C124	Z	-2.329	-2.329	0	%100
209	C125	X	1.195	1.195	0	%100
210	C125	Z	-.69	-.69	0	%100
211	C126	X	2.436	2.436	0	%100
212	C126	Z	-1.407	-1.407	0	%100
213	C127	X	1.195	1.195	0	%100
214	C127	Z	-.69	-.69	0	%100
215	C128	X	2.436	2.436	0	%100
216	C128	Z	-1.407	-1.407	0	%100
217	C129	X	2.963	2.963	0	%100
218	C129	Z	-1.711	-1.711	0	%100
219	C130	X	2.963	2.963	0	%100
220	C130	Z	-1.711	-1.711	0	%100
221	C131	X	2.723	2.723	0	%100
222	C131	Z	-1.572	-1.572	0	%100
223	C132	X	2.723	2.723	0	%100
224	C132	Z	-1.572	-1.572	0	%100
225	C133	X	2.285	2.285	0	%100
226	C133	Z	-1.319	-1.319	0	%100
227	C134	X	2.285	2.285	0	%100
228	C134	Z	-1.319	-1.319	0	%100
229	C135	X	2.009	2.009	0	%100
230	C135	Z	-1.16	-1.16	0	%100
231	C136	X	2.009	2.009	0	%100
232	C136	Z	-1.16	-1.16	0	%100
233	C137	X	2.406	2.406	0	%100
234	C137	Z	-1.389	-1.389	0	%100
235	C138	X	2.406	2.406	0	%100
236	C138	Z	-1.389	-1.389	0	%100
237	MP1C	X	3.572	3.572	0	%100
238	MP1C	Z	-2.063	-2.063	0	%100
239	MP2C	X	4.116	4.116	0	%100
240	MP2C	Z	-2.376	-2.376	0	%100
241	MP3C	X	3.645	3.645	0	%100
242	MP3C	Z	-2.104	-2.104	0	%100
243	MP4C	X	3.572	3.572	0	%100
244	MP4C	Z	-2.063	-2.063	0	%100
245	MP5C	X	3.572	3.572	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
246	MP5C	Z	-2.063	-2.063	0	%100
247	M156	X	2.699	2.699	0	%100
248	M156	Z	-1.558	-1.558	0	%100
249	M155	X	1.627	1.627	0	%100
250	M155	Z	-.939	-.939	0	%100
251	M156A	X	3.405	3.405	0	%100
252	M156A	Z	-1.966	-1.966	0	%100
253	M157	X	.01	.01	0	%100
254	M157	Z	-.006	-.006	0	%100
255	M158	X	3.703	3.703	0	%100
256	M158	Z	-2.138	-2.138	0	%100
257	M159	X	.698	.698	0	%100
258	M159	Z	-.403	-.403	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.911	.911	0	%100
2	A1	Z	0	0	0	%100
3	A2	X	.911	.911	0	%100
4	A2	Z	0	0	0	%100
5	A3	X	.911	.911	0	%100
6	A3	Z	0	0	0	%100
7	A4	X	.911	.911	0	%100
8	A4	Z	0	0	0	%100
9	A5	X	2.747	2.747	0	%100
10	A5	Z	0	0	0	%100
11	A6	X	2.747	2.747	0	%100
12	A6	Z	0	0	0	%100
13	A7	X	2.747	2.747	0	%100
14	A7	Z	0	0	0	%100
15	A8	X	2.747	2.747	0	%100
16	A8	Z	0	0	0	%100
17	A9	X	2.747	2.747	0	%100
18	A9	Z	0	0	0	%100
19	A10	X	2.747	2.747	0	%100
20	A10	Z	0	0	0	%100
21	A11	X	2.747	2.747	0	%100
22	A11	Z	0	0	0	%100
23	A12	X	2.747	2.747	0	%100
24	A12	Z	0	0	0	%100
25	A13	X	2.747	2.747	0	%100
26	A13	Z	0	0	0	%100
27	A14	X	2.747	2.747	0	%100
28	A14	Z	0	0	0	%100
29	A15	X	2.747	2.747	0	%100
30	A15	Z	0	0	0	%100
31	A16	X	2.747	2.747	0	%100
32	A16	Z	0	0	0	%100
33	A17	X	3.031	3.031	0	%100
34	A17	Z	0	0	0	%100
35	A18	X	3.031	3.031	0	%100
36	A18	Z	0	0	0	%100
37	A19	X	3.031	3.031	0	%100
38	A19	Z	0	0	0	%100
39	A20	X	3.031	3.031	0	%100
40	A20	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
41	A21	X	0	0	0	%100
42	A21	Z	0	0	0	%100
43	A22	X	0	0	0	%100
44	A22	Z	0	0	0	%100
45	A23	X	2.095	2.095	0	%100
46	A23	Z	0	0	0	%100
47	A24	X	2.095	2.095	0	%100
48	A24	Z	0	0	0	%100
49	A25	X	2.095	2.095	0	%100
50	A25	Z	0	0	0	%100
51	A26	X	2.095	2.095	0	%100
52	A26	Z	0	0	0	%100
53	A27	X	3.03	3.03	0	%100
54	A27	Z	0	0	0	%100
55	A28	X	3.03	3.03	0	%100
56	A28	Z	0	0	0	%100
57	A29	X	3.144	3.144	0	%100
58	A29	Z	0	0	0	%100
59	A30	X	3.144	3.144	0	%100
60	A30	Z	0	0	0	%100
61	A31	X	3.03	3.03	0	%100
62	A31	Z	0	0	0	%100
63	A32	X	3.03	3.03	0	%100
64	A32	Z	0	0	0	%100
65	A33	X	2.548	2.548	0	%100
66	A33	Z	0	0	0	%100
67	A34	X	2.548	2.548	0	%100
68	A34	Z	0	0	0	%100
69	A35	X	2.548	2.548	0	%100
70	A35	Z	0	0	0	%100
71	A36	X	2.548	2.548	0	%100
72	A36	Z	0	0	0	%100
73	MP1A	X	4.125	4.125	0	%100
74	MP1A	Z	0	0	0	%100
75	MP2A	X	4.752	4.752	0	%100
76	MP2A	Z	0	0	0	%100
77	MP3A	X	4.209	4.209	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	4.125	4.125	0	%100
80	MP4A	Z	0	0	0	%100
81	MP5A	X	4.125	4.125	0	%100
82	MP5A	Z	0	0	0	%100
83	B52	X	1.808	1.808	0	%100
84	B52	Z	0	0	0	%100
85	B53	X	.014	.014	0	%100
86	B53	Z	0	0	0	%100
87	B54	X	1.808	1.808	0	%100
88	B54	Z	0	0	0	%100
89	B55	X	.014	.014	0	%100
90	B55	Z	0	0	0	%100
91	B56	X	1.898	1.898	0	%100
92	B56	Z	0	0	0	%100
93	B57	X	1.898	1.898	0	%100
94	B57	Z	0	0	0	%100
95	B58	X	1.898	1.898	0	%100
96	B58	Z	0	0	0	%100
97	B59	X	3.597	3.597	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
98	B59	Z	0	0	0	%100
99	B60	X	3.597	3.597	0	%100
100	B60	Z	0	0	0	%100
101	B61	X	3.597	3.597	0	%100
102	B61	Z	0	0	0	%100
103	B62	X	1.898	1.898	0	%100
104	B62	Z	0	0	0	%100
105	B63	X	1.898	1.898	0	%100
106	B63	Z	0	0	0	%100
107	B64	X	1.898	1.898	0	%100
108	B64	Z	0	0	0	%100
109	B65	X	3.597	3.597	0	%100
110	B65	Z	0	0	0	%100
111	B66	X	3.597	3.597	0	%100
112	B66	Z	0	0	0	%100
113	B67	X	3.597	3.597	0	%100
114	B67	Z	0	0	0	%100
115	B68	X	3.031	3.031	0	%100
116	B68	Z	0	0	0	%100
117	B69	X	3.031	3.031	0	%100
118	B69	Z	0	0	0	%100
119	B70	X	3.031	3.031	0	%100
120	B70	Z	0	0	0	%100
121	B71	X	3.031	3.031	0	%100
122	B71	Z	0	0	0	%100
123	B72	X	2.819	2.819	0	%100
124	B72	Z	0	0	0	%100
125	B73	X	2.819	2.819	0	%100
126	B73	Z	0	0	0	%100
127	B74	X	.032	.032	0	%100
128	B74	Z	0	0	0	%100
129	B75	X	4.16	4.16	0	%100
130	B75	Z	0	0	0	%100
131	B76	X	.032	.032	0	%100
132	B76	Z	0	0	0	%100
133	B77	X	4.16	4.16	0	%100
134	B77	Z	0	0	0	%100
135	B78	X	4.157	4.157	0	%100
136	B78	Z	0	0	0	%100
137	B79	X	4.157	4.157	0	%100
138	B79	Z	0	0	0	%100
139	B80	X	3.144	3.144	0	%100
140	B80	Z	0	0	0	%100
141	B81	X	3.144	3.144	0	%100
142	B81	Z	0	0	0	%100
143	B82	X	1.902	1.902	0	%100
144	B82	Z	0	0	0	%100
145	B83	X	1.902	1.902	0	%100
146	B83	Z	0	0	0	%100
147	B84	X	1.888	1.888	0	%100
148	B84	Z	0	0	0	%100
149	B85	X	1.888	1.888	0	%100
150	B85	Z	0	0	0	%100
151	B86	X	3.209	3.209	0	%100
152	B86	Z	0	0	0	%100
153	B87	X	3.209	3.209	0	%100
154	B87	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
155	MP1B	X	4.125	4.125	0	%100
156	MP1B	Z	0	0	0	%100
157	MP2B	X	4.752	4.752	0	%100
158	MP2B	Z	0	0	0	%100
159	MP3B	X	4.209	4.209	0	%100
160	MP3B	Z	0	0	0	%100
161	MP4B	X	4.125	4.125	0	%100
162	MP4B	Z	0	0	0	%100
163	MP5B	X	4.125	4.125	0	%100
164	MP5B	Z	0	0	0	%100
165	C103	X	.326	.326	0	%100
166	C103	Z	0	0	0	%100
167	C104	X	1.497	1.497	0	%100
168	C104	Z	0	0	0	%100
169	C105	X	.326	.326	0	%100
170	C105	Z	0	0	0	%100
171	C106	X	1.497	1.497	0	%100
172	C106	Z	0	0	0	%100
173	C107	X	3.302	3.302	0	%100
174	C107	Z	0	0	0	%100
175	C108	X	3.302	3.302	0	%100
176	C108	Z	0	0	0	%100
177	C109	X	3.302	3.302	0	%100
178	C109	Z	0	0	0	%100
179	C110	X	2.193	2.193	0	%100
180	C110	Z	0	0	0	%100
181	C111	X	2.193	2.193	0	%100
182	C111	Z	0	0	0	%100
183	C112	X	2.193	2.193	0	%100
184	C112	Z	0	0	0	%100
185	C113	X	3.302	3.302	0	%100
186	C113	Z	0	0	0	%100
187	C114	X	3.302	3.302	0	%100
188	C114	Z	0	0	0	%100
189	C115	X	3.302	3.302	0	%100
190	C115	Z	0	0	0	%100
191	C116	X	2.193	2.193	0	%100
192	C116	Z	0	0	0	%100
193	C117	X	2.193	2.193	0	%100
194	C117	Z	0	0	0	%100
195	C118	X	2.193	2.193	0	%100
196	C118	Z	0	0	0	%100
197	C119	X	3.031	3.031	0	%100
198	C119	Z	0	0	0	%100
199	C120	X	3.031	3.031	0	%100
200	C120	Z	0	0	0	%100
201	C121	X	3.031	3.031	0	%100
202	C121	Z	0	0	0	%100
203	C122	X	3.031	3.031	0	%100
204	C122	Z	0	0	0	%100
205	C123	X	4.242	4.242	0	%100
206	C123	Z	0	0	0	%100
207	C124	X	4.242	4.242	0	%100
208	C124	Z	0	0	0	%100
209	C125	X	3.443	3.443	0	%100
210	C125	Z	0	0	0	%100
211	C126	X	.749	.749	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
212	C126	Z	0	0	0	%100
213	C127	X	3.443	3.443	0	%100
214	C127	Z	0	0	0	%100
215	C128	X	.749	.749	0	%100
216	C128	Z	0	0	0	%100
217	C129	X	2.294	2.294	0	%100
218	C129	Z	0	0	0	%100
219	C130	X	2.294	2.294	0	%100
220	C130	Z	0	0	0	%100
221	C131	X	3.144	3.144	0	%100
222	C131	Z	0	0	0	%100
223	C132	X	3.144	3.144	0	%100
224	C132	Z	0	0	0	%100
225	C133	X	3.765	3.765	0	%100
226	C133	Z	0	0	0	%100
227	C134	X	3.765	3.765	0	%100
228	C134	Z	0	0	0	%100
229	C135	X	2.979	2.979	0	%100
230	C135	Z	0	0	0	%100
231	C136	X	2.979	2.979	0	%100
232	C136	Z	0	0	0	%100
233	C137	X	2.118	2.118	0	%100
234	C137	Z	0	0	0	%100
235	C138	X	2.118	2.118	0	%100
236	C138	Z	0	0	0	%100
237	MP1C	X	4.125	4.125	0	%100
238	MP1C	Z	0	0	0	%100
239	MP2C	X	4.752	4.752	0	%100
240	MP2C	Z	0	0	0	%100
241	MP3C	X	4.209	4.209	0	%100
242	MP3C	Z	0	0	0	%100
243	MP4C	X	4.125	4.125	0	%100
244	MP4C	Z	0	0	0	%100
245	MP5C	X	4.125	4.125	0	%100
246	MP5C	Z	0	0	0	%100
247	M156	X	.914	.914	0	%100
248	M156	Z	0	0	0	%100
249	M155	X	.151	.151	0	%100
250	M155	Z	0	0	0	%100
251	M156A	X	4.282	4.282	0	%100
252	M156A	Z	0	0	0	%100
253	M157	X	1.311	1.311	0	%100
254	M157	Z	0	0	0	%100
255	M158	X	3.941	3.941	0	%100
256	M158	Z	0	0	0	%100
257	M159	X	2.989	2.989	0	%100
258	M159	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	1.472	1.472	0	%100
2	A1	Z	.85	.85	0	%100
3	A2	X	.106	.106	0	%100
4	A2	Z	.061	.061	0	%100
5	A3	X	1.472	1.472	0	%100
6	A3	Z	.85	.85	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
7	A4	X	.106	.106	0	%100
8	A4	Z	.061	.061	0	%100
9	A5	X	1.732	1.732	0	%100
10	A5	Z	1	1	0	%100
11	A6	X	1.732	1.732	0	%100
12	A6	Z	1	1	0	%100
13	A7	X	1.732	1.732	0	%100
14	A7	Z	1	1	0	%100
15	A8	X	3.026	3.026	0	%100
16	A8	Z	1.747	1.747	0	%100
17	A9	X	3.026	3.026	0	%100
18	A9	Z	1.747	1.747	0	%100
19	A10	X	3.026	3.026	0	%100
20	A10	Z	1.747	1.747	0	%100
21	A11	X	1.732	1.732	0	%100
22	A11	Z	1	1	0	%100
23	A12	X	1.732	1.732	0	%100
24	A12	Z	1	1	0	%100
25	A13	X	1.732	1.732	0	%100
26	A13	Z	1	1	0	%100
27	A14	X	3.026	3.026	0	%100
28	A14	Z	1.747	1.747	0	%100
29	A15	X	3.026	3.026	0	%100
30	A15	Z	1.747	1.747	0	%100
31	A16	X	3.026	3.026	0	%100
32	A16	Z	1.747	1.747	0	%100
33	A17	X	2.625	2.625	0	%100
34	A17	Z	1.516	1.516	0	%100
35	A18	X	2.625	2.625	0	%100
36	A18	Z	1.516	1.516	0	%100
37	A19	X	2.625	2.625	0	%100
38	A19	Z	1.516	1.516	0	%100
39	A20	X	2.625	2.625	0	%100
40	A20	Z	1.516	1.516	0	%100
41	A21	X	1.04	1.04	0	%100
42	A21	Z	.6	.6	0	%100
43	A22	X	1.04	1.04	0	%100
44	A22	Z	.6	.6	0	%100
45	A23	X	.243	.243	0	%100
46	A23	Z	.14	.14	0	%100
47	A24	X	3.386	3.386	0	%100
48	A24	Z	1.955	1.955	0	%100
49	A25	X	.243	.243	0	%100
50	A25	Z	.14	.14	0	%100
51	A26	X	3.386	3.386	0	%100
52	A26	Z	1.955	1.955	0	%100
53	A27	X	3.482	3.482	0	%100
54	A27	Z	2.01	2.01	0	%100
55	A28	X	3.482	3.482	0	%100
56	A28	Z	2.01	2.01	0	%100
57	A29	X	2.723	2.723	0	%100
58	A29	Z	1.572	1.572	0	%100
59	A30	X	2.723	2.723	0	%100
60	A30	Z	1.572	1.572	0	%100
61	A31	X	1.765	1.765	0	%100
62	A31	Z	1.019	1.019	0	%100
63	A32	X	1.765	1.765	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
64	A32	Z	1.019	1.019	0	%100
65	A33	X	1.704	1.704	0	%100
66	A33	Z	.984	.984	0	%100
67	A34	X	1.704	1.704	0	%100
68	A34	Z	.984	.984	0	%100
69	A35	X	2.71	2.71	0	%100
70	A35	Z	1.564	1.564	0	%100
71	A36	X	2.71	2.71	0	%100
72	A36	Z	1.564	1.564	0	%100
73	MP1A	X	3.572	3.572	0	%100
74	MP1A	Z	2.063	2.063	0	%100
75	MP2A	X	4.116	4.116	0	%100
76	MP2A	Z	2.376	2.376	0	%100
77	MP3A	X	3.645	3.645	0	%100
78	MP3A	Z	2.104	2.104	0	%100
79	MP4A	X	3.572	3.572	0	%100
80	MP4A	Z	2.063	2.063	0	%100
81	MP5A	X	3.572	3.572	0	%100
82	MP5A	Z	2.063	2.063	0	%100
83	B52	X	1.059	1.059	0	%100
84	B52	Z	.611	.611	0	%100
85	B53	X	.519	.519	0	%100
86	B53	Z	.3	.3	0	%100
87	B54	X	1.059	1.059	0	%100
88	B54	Z	.611	.611	0	%100
89	B55	X	.519	.519	0	%100
90	B55	Z	.3	.3	0	%100
91	B56	X	2.124	2.124	0	%100
92	B56	Z	1.226	1.226	0	%100
93	B57	X	2.124	2.124	0	%100
94	B57	Z	1.226	1.226	0	%100
95	B58	X	2.124	2.124	0	%100
96	B58	Z	1.226	1.226	0	%100
97	B59	X	2.635	2.635	0	%100
98	B59	Z	1.521	1.521	0	%100
99	B60	X	2.635	2.635	0	%100
100	B60	Z	1.521	1.521	0	%100
101	B61	X	2.635	2.635	0	%100
102	B61	Z	1.521	1.521	0	%100
103	B62	X	2.124	2.124	0	%100
104	B62	Z	1.226	1.226	0	%100
105	B63	X	2.124	2.124	0	%100
106	B63	Z	1.226	1.226	0	%100
107	B64	X	2.124	2.124	0	%100
108	B64	Z	1.226	1.226	0	%100
109	B65	X	2.635	2.635	0	%100
110	B65	Z	1.521	1.521	0	%100
111	B66	X	2.635	2.635	0	%100
112	B66	Z	1.521	1.521	0	%100
113	B67	X	2.635	2.635	0	%100
114	B67	Z	1.521	1.521	0	%100
115	B68	X	2.625	2.625	0	%100
116	B68	Z	1.516	1.516	0	%100
117	B69	X	2.625	2.625	0	%100
118	B69	Z	1.516	1.516	0	%100
119	B70	X	2.625	2.625	0	%100
120	B70	Z	1.516	1.516	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
121	B71	X	2.625	2.625	0	%100
122	B71	Z	1.516	1.516	0	%100
123	B72	X	4.035	4.035	0	%100
124	B72	Z	2.329	2.329	0	%100
125	B73	X	4.035	4.035	0	%100
126	B73	Z	2.329	2.329	0	%100
127	B74	X	1.195	1.195	0	%100
128	B74	Z	.69	.69	0	%100
129	B75	X	2.436	2.436	0	%100
130	B75	Z	1.407	1.407	0	%100
131	B76	X	1.195	1.195	0	%100
132	B76	Z	.69	.69	0	%100
133	B77	X	2.436	2.436	0	%100
134	B77	Z	1.407	1.407	0	%100
135	B78	X	2.963	2.963	0	%100
136	B78	Z	1.711	1.711	0	%100
137	B79	X	2.963	2.963	0	%100
138	B79	Z	1.711	1.711	0	%100
139	B80	X	2.723	2.723	0	%100
140	B80	Z	1.572	1.572	0	%100
141	B81	X	2.723	2.723	0	%100
142	B81	Z	1.572	1.572	0	%100
143	B82	X	2.285	2.285	0	%100
144	B82	Z	1.319	1.319	0	%100
145	B83	X	2.285	2.285	0	%100
146	B83	Z	1.319	1.319	0	%100
147	B84	X	2.009	2.009	0	%100
148	B84	Z	1.16	1.16	0	%100
149	B85	X	2.009	2.009	0	%100
150	B85	Z	1.16	1.16	0	%100
151	B86	X	2.406	2.406	0	%100
152	B86	Z	1.389	1.389	0	%100
153	B87	X	2.406	2.406	0	%100
154	B87	Z	1.389	1.389	0	%100
155	MP1B	X	3.572	3.572	0	%100
156	MP1B	Z	2.063	2.063	0	%100
157	MP2B	X	4.116	4.116	0	%100
158	MP2B	Z	2.376	2.376	0	%100
159	MP3B	X	3.645	3.645	0	%100
160	MP3B	Z	2.104	2.104	0	%100
161	MP4B	X	3.572	3.572	0	%100
162	MP4B	Z	2.063	2.063	0	%100
163	MP5B	X	3.572	3.572	0	%100
164	MP5B	Z	2.063	2.063	0	%100
165	C103	X	.012	.012	0	%100
166	C103	Z	.007	.007	0	%100
167	C104	X	1.566	1.566	0	%100
168	C104	Z	.904	.904	0	%100
169	C105	X	.012	.012	0	%100
170	C105	Z	.007	.007	0	%100
171	C106	X	1.566	1.566	0	%100
172	C106	Z	.904	.904	0	%100
173	C107	X	3.115	3.115	0	%100
174	C107	Z	1.798	1.798	0	%100
175	C108	X	3.115	3.115	0	%100
176	C108	Z	1.798	1.798	0	%100
177	C109	X	3.115	3.115	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
178	C109	Z	1.798	1.798	0	%100
179	C110	X	1.644	1.644	0	%100
180	C110	Z	.949	.949	0	%100
181	C111	X	1.644	1.644	0	%100
182	C111	Z	.949	.949	0	%100
183	C112	X	1.644	1.644	0	%100
184	C112	Z	.949	.949	0	%100
185	C113	X	3.115	3.115	0	%100
186	C113	Z	1.798	1.798	0	%100
187	C114	X	3.115	3.115	0	%100
188	C114	Z	1.798	1.798	0	%100
189	C115	X	3.115	3.115	0	%100
190	C115	Z	1.798	1.798	0	%100
191	C116	X	1.644	1.644	0	%100
192	C116	Z	.949	.949	0	%100
193	C117	X	1.644	1.644	0	%100
194	C117	Z	.949	.949	0	%100
195	C118	X	1.644	1.644	0	%100
196	C118	Z	.949	.949	0	%100
197	C119	X	2.625	2.625	0	%100
198	C119	Z	1.516	1.516	0	%100
199	C120	X	2.625	2.625	0	%100
200	C120	Z	1.516	1.516	0	%100
201	C121	X	2.625	2.625	0	%100
202	C121	Z	1.516	1.516	0	%100
203	C122	X	2.625	2.625	0	%100
204	C122	Z	1.516	1.516	0	%100
205	C123	X	1.719	1.719	0	%100
206	C123	Z	.992	.992	0	%100
207	C124	X	1.719	1.719	0	%100
208	C124	Z	.992	.992	0	%100
209	C125	X	3.602	3.602	0	%100
210	C125	Z	2.08	2.08	0	%100
211	C126	X	.027	.027	0	%100
212	C126	Z	.016	.016	0	%100
213	C127	X	3.602	3.602	0	%100
214	C127	Z	2.08	2.08	0	%100
215	C128	X	.027	.027	0	%100
216	C128	Z	.016	.016	0	%100
217	C129	X	1.647	1.647	0	%100
218	C129	Z	.951	.951	0	%100
219	C130	X	1.647	1.647	0	%100
220	C130	Z	.951	.951	0	%100
221	C131	X	2.723	2.723	0	%100
222	C131	Z	1.572	1.572	0	%100
223	C132	X	2.723	2.723	0	%100
224	C132	Z	1.572	1.572	0	%100
225	C133	X	3.6	3.6	0	%100
226	C133	Z	2.078	2.078	0	%100
227	C134	X	3.6	3.6	0	%100
228	C134	Z	2.078	2.078	0	%100
229	C135	X	2.779	2.779	0	%100
230	C135	Z	1.604	1.604	0	%100
231	C136	X	2.779	2.779	0	%100
232	C136	Z	1.604	1.604	0	%100
233	C137	X	1.635	1.635	0	%100
234	C137	Z	.944	.944	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
235	C138	X	1.635	1.635	0	%100
236	C138	Z	.944	.944	0	%100
237	MP1C	X	3.572	3.572	0	%100
238	MP1C	Z	2.063	2.063	0	%100
239	MP2C	X	4.116	4.116	0	%100
240	MP2C	Z	2.376	2.376	0	%100
241	MP3C	X	3.645	3.645	0	%100
242	MP3C	Z	2.104	2.104	0	%100
243	MP4C	X	3.572	3.572	0	%100
244	MP4C	Z	2.063	2.063	0	%100
245	MP5C	X	3.572	3.572	0	%100
246	MP5C	Z	2.063	2.063	0	%100
247	M156	X	.01	.01	0	%100
248	M156	Z	.006	.006	0	%100
249	M155	X	.421	.421	0	%100
250	M155	Z	.243	.243	0	%100
251	M156A	X	2.221	2.221	0	%100
252	M156A	Z	1.282	1.282	0	%100
253	M157	X	3.042	3.042	0	%100
254	M157	Z	1.757	1.757	0	%100
255	M158	X	1.627	1.627	0	%100
256	M158	Z	.939	.939	0	%100
257	M159	X	3.808	3.808	0	%100
258	M159	Z	2.199	2.199	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.85	.85	0	%100
2	A1	Z	1.472	1.472	0	%100
3	A2	X	.061	.061	0	%100
4	A2	Z	.106	.106	0	%100
5	A3	X	.85	.85	0	%100
6	A3	Z	1.472	1.472	0	%100
7	A4	X	.061	.061	0	%100
8	A4	Z	.106	.106	0	%100
9	A5	X	1	1	0	%100
10	A5	Z	1.732	1.732	0	%100
11	A6	X	1	1	0	%100
12	A6	Z	1.732	1.732	0	%100
13	A7	X	1	1	0	%100
14	A7	Z	1.732	1.732	0	%100
15	A8	X	1.747	1.747	0	%100
16	A8	Z	3.026	3.026	0	%100
17	A9	X	1.747	1.747	0	%100
18	A9	Z	3.026	3.026	0	%100
19	A10	X	1.747	1.747	0	%100
20	A10	Z	3.026	3.026	0	%100
21	A11	X	1	1	0	%100
22	A11	Z	1.732	1.732	0	%100
23	A12	X	1	1	0	%100
24	A12	Z	1.732	1.732	0	%100
25	A13	X	1	1	0	%100
26	A13	Z	1.732	1.732	0	%100
27	A14	X	1.747	1.747	0	%100
28	A14	Z	3.026	3.026	0	%100
29	A15	X	1.747	1.747	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
30	A15	Z	3.026	3.026	0	%100
31	A16	X	1.747	1.747	0	%100
32	A16	Z	3.026	3.026	0	%100
33	A17	X	1.516	1.516	0	%100
34	A17	Z	2.625	2.625	0	%100
35	A18	X	1.516	1.516	0	%100
36	A18	Z	2.625	2.625	0	%100
37	A19	X	1.516	1.516	0	%100
38	A19	Z	2.625	2.625	0	%100
39	A20	X	1.516	1.516	0	%100
40	A20	Z	2.625	2.625	0	%100
41	A21	X	1.801	1.801	0	%100
42	A21	Z	3.12	3.12	0	%100
43	A22	X	1.801	1.801	0	%100
44	A22	Z	3.12	3.12	0	%100
45	A23	X	.141	.141	0	%100
46	A23	Z	.243	.243	0	%100
47	A24	X	1.955	1.955	0	%100
48	A24	Z	3.387	3.387	0	%100
49	A25	X	.141	.141	0	%100
50	A25	Z	.243	.243	0	%100
51	A26	X	1.955	1.955	0	%100
52	A26	Z	3.387	3.387	0	%100
53	A27	X	2.01	2.01	0	%100
54	A27	Z	3.482	3.482	0	%100
55	A28	X	2.01	2.01	0	%100
56	A28	Z	3.482	3.482	0	%100
57	A29	X	1.572	1.572	0	%100
58	A29	Z	2.723	2.723	0	%100
59	A30	X	1.572	1.572	0	%100
60	A30	Z	2.723	2.723	0	%100
61	A31	X	1.019	1.019	0	%100
62	A31	Z	1.765	1.765	0	%100
63	A32	X	1.019	1.019	0	%100
64	A32	Z	1.765	1.765	0	%100
65	A33	X	.984	.984	0	%100
66	A33	Z	1.704	1.704	0	%100
67	A34	X	.984	.984	0	%100
68	A34	Z	1.704	1.704	0	%100
69	A35	X	1.564	1.564	0	%100
70	A35	Z	2.71	2.71	0	%100
71	A36	X	1.564	1.564	0	%100
72	A36	Z	2.71	2.71	0	%100
73	MP1A	X	2.063	2.063	0	%100
74	MP1A	Z	3.572	3.572	0	%100
75	MP2A	X	2.376	2.376	0	%100
76	MP2A	Z	4.116	4.116	0	%100
77	MP3A	X	2.104	2.104	0	%100
78	MP3A	Z	3.645	3.645	0	%100
79	MP4A	X	2.063	2.063	0	%100
80	MP4A	Z	3.572	3.572	0	%100
81	MP5A	X	2.063	2.063	0	%100
82	MP5A	Z	3.572	3.572	0	%100
83	B52	X	.163	.163	0	%100
84	B52	Z	.282	.282	0	%100
85	B53	X	.748	.748	0	%100
86	B53	Z	1.296	1.296	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
87	B54	X	.163	.163	0	%100
88	B54	Z	.282	.282	0	%100
89	B55	X	.748	.748	0	%100
90	B55	Z	1.296	1.296	0	%100
91	B56	X	1.651	1.651	0	%100
92	B56	Z	2.859	2.859	0	%100
93	B57	X	1.651	1.651	0	%100
94	B57	Z	2.859	2.859	0	%100
95	B58	X	1.651	1.651	0	%100
96	B58	Z	2.859	2.859	0	%100
97	B59	X	1.096	1.096	0	%100
98	B59	Z	1.899	1.899	0	%100
99	B60	X	1.096	1.096	0	%100
100	B60	Z	1.899	1.899	0	%100
101	B61	X	1.096	1.096	0	%100
102	B61	Z	1.899	1.899	0	%100
103	B62	X	1.651	1.651	0	%100
104	B62	Z	2.859	2.859	0	%100
105	B63	X	1.651	1.651	0	%100
106	B63	Z	2.859	2.859	0	%100
107	B64	X	1.651	1.651	0	%100
108	B64	Z	2.859	2.859	0	%100
109	B65	X	1.096	1.096	0	%100
110	B65	Z	1.899	1.899	0	%100
111	B66	X	1.096	1.096	0	%100
112	B66	Z	1.899	1.899	0	%100
113	B67	X	1.096	1.096	0	%100
114	B67	Z	1.899	1.899	0	%100
115	B68	X	1.516	1.516	0	%100
116	B68	Z	2.625	2.625	0	%100
117	B69	X	1.516	1.516	0	%100
118	B69	Z	2.625	2.625	0	%100
119	B70	X	1.516	1.516	0	%100
120	B70	Z	2.625	2.625	0	%100
121	B71	X	1.516	1.516	0	%100
122	B71	Z	2.625	2.625	0	%100
123	B72	X	2.121	2.121	0	%100
124	B72	Z	3.674	3.674	0	%100
125	B73	X	2.121	2.121	0	%100
126	B73	Z	3.674	3.674	0	%100
127	B74	X	1.722	1.722	0	%100
128	B74	Z	2.982	2.982	0	%100
129	B75	X	.375	.375	0	%100
130	B75	Z	.649	.649	0	%100
131	B76	X	1.722	1.722	0	%100
132	B76	Z	2.982	2.982	0	%100
133	B77	X	.375	.375	0	%100
134	B77	Z	.649	.649	0	%100
135	B78	X	1.147	1.147	0	%100
136	B78	Z	1.986	1.986	0	%100
137	B79	X	1.147	1.147	0	%100
138	B79	Z	1.986	1.986	0	%100
139	B80	X	1.572	1.572	0	%100
140	B80	Z	2.723	2.723	0	%100
141	B81	X	1.572	1.572	0	%100
142	B81	Z	2.723	2.723	0	%100
143	B82	X	1.883	1.883	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
144	B82	Z	3.261	3.261	0	%100
145	B83	X	1.883	1.883	0	%100
146	B83	Z	3.261	3.261	0	%100
147	B84	X	1.49	1.49	0	%100
148	B84	Z	2.58	2.58	0	%100
149	B85	X	1.49	1.49	0	%100
150	B85	Z	2.58	2.58	0	%100
151	B86	X	1.059	1.059	0	%100
152	B86	Z	1.834	1.834	0	%100
153	B87	X	1.059	1.059	0	%100
154	B87	Z	1.834	1.834	0	%100
155	MP1B	X	2.063	2.063	0	%100
156	MP1B	Z	3.572	3.572	0	%100
157	MP2B	X	2.376	2.376	0	%100
158	MP2B	Z	4.116	4.116	0	%100
159	MP3B	X	2.104	2.104	0	%100
160	MP3B	Z	3.645	3.645	0	%100
161	MP4B	X	2.063	2.063	0	%100
162	MP4B	Z	3.572	3.572	0	%100
163	MP5B	X	2.063	2.063	0	%100
164	MP5B	Z	3.572	3.572	0	%100
165	C103	X	.3	.3	0	%100
166	C103	Z	.519	.519	0	%100
167	C104	X	.611	.611	0	%100
168	C104	Z	1.059	1.059	0	%100
169	C105	X	.3	.3	0	%100
170	C105	Z	.519	.519	0	%100
171	C106	X	.611	.611	0	%100
172	C106	Z	1.059	1.059	0	%100
173	C107	X	1.521	1.521	0	%100
174	C107	Z	2.635	2.635	0	%100
175	C108	X	1.521	1.521	0	%100
176	C108	Z	2.635	2.635	0	%100
177	C109	X	1.521	1.521	0	%100
178	C109	Z	2.635	2.635	0	%100
179	C110	X	1.226	1.226	0	%100
180	C110	Z	2.124	2.124	0	%100
181	C111	X	1.226	1.226	0	%100
182	C111	Z	2.124	2.124	0	%100
183	C112	X	1.226	1.226	0	%100
184	C112	Z	2.124	2.124	0	%100
185	C113	X	1.521	1.521	0	%100
186	C113	Z	2.635	2.635	0	%100
187	C114	X	1.521	1.521	0	%100
188	C114	Z	2.635	2.635	0	%100
189	C115	X	1.521	1.521	0	%100
190	C115	Z	2.635	2.635	0	%100
191	C116	X	1.226	1.226	0	%100
192	C116	Z	2.124	2.124	0	%100
193	C117	X	1.226	1.226	0	%100
194	C117	Z	2.124	2.124	0	%100
195	C118	X	1.226	1.226	0	%100
196	C118	Z	2.124	2.124	0	%100
197	C119	X	1.516	1.516	0	%100
198	C119	Z	2.625	2.625	0	%100
199	C120	X	1.516	1.516	0	%100
200	C120	Z	2.625	2.625	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
201	C121	X	1.516	1.516	0	%100
202	C121	Z	2.625	2.625	0	%100
203	C122	X	1.516	1.516	0	%100
204	C122	Z	2.625	2.625	0	%100
205	C123	X	.072	.072	0	%100
206	C123	Z	.125	.125	0	%100
207	C124	X	.072	.072	0	%100
208	C124	Z	.125	.125	0	%100
209	C125	X	1.406	1.406	0	%100
210	C125	Z	2.435	2.435	0	%100
211	C126	X	.689	.689	0	%100
212	C126	Z	1.194	1.194	0	%100
213	C127	X	1.406	1.406	0	%100
214	C127	Z	2.435	2.435	0	%100
215	C128	X	.689	.689	0	%100
216	C128	Z	1.194	1.194	0	%100
217	C129	X	1.319	1.319	0	%100
218	C129	Z	2.285	2.285	0	%100
219	C130	X	1.319	1.319	0	%100
220	C130	Z	2.285	2.285	0	%100
221	C131	X	1.572	1.572	0	%100
222	C131	Z	2.723	2.723	0	%100
223	C132	X	1.572	1.572	0	%100
224	C132	Z	2.723	2.723	0	%100
225	C133	X	1.711	1.711	0	%100
226	C133	Z	2.963	2.963	0	%100
227	C134	X	1.711	1.711	0	%100
228	C134	Z	2.963	2.963	0	%100
229	C135	X	1.389	1.389	0	%100
230	C135	Z	2.405	2.405	0	%100
231	C136	X	1.389	1.389	0	%100
232	C136	Z	2.405	2.405	0	%100
233	C137	X	1.159	1.159	0	%100
234	C137	Z	2.008	2.008	0	%100
235	C138	X	1.159	1.159	0	%100
236	C138	Z	2.008	2.008	0	%100
237	MP1C	X	2.063	2.063	0	%100
238	MP1C	Z	3.572	3.572	0	%100
239	MP2C	X	2.376	2.376	0	%100
240	MP2C	Z	4.116	4.116	0	%100
241	MP3C	X	2.104	2.104	0	%100
242	MP3C	Z	3.645	3.645	0	%100
243	MP4C	X	2.063	2.063	0	%100
244	MP4C	Z	3.572	3.572	0	%100
245	MP5C	X	2.063	2.063	0	%100
246	MP5C	Z	3.572	3.572	0	%100
247	M156	X	.656	.656	0	%100
248	M156	Z	1.136	1.136	0	%100
249	M155	X	1.274	1.274	0	%100
250	M155	Z	2.207	2.207	0	%100
251	M156A	X	.248	.248	0	%100
252	M156A	Z	.43	.43	0	%100
253	M157	X	2.208	2.208	0	%100
254	M157	Z	3.824	3.824	0	%100
255	M158	X	.076	.076	0	%100
256	M158	Z	.131	.131	0	%100
257	M159	X	1.811	1.811	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
258	M159	Z	3.137	3.137	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	0	0	0	%100
2	A1	Z	.911	.911	0	%100
3	A2	X	0	0	0	%100
4	A2	Z	.911	.911	0	%100
5	A3	X	0	0	0	%100
6	A3	Z	.911	.911	0	%100
7	A4	X	0	0	0	%100
8	A4	Z	.911	.911	0	%100
9	A5	X	0	0	0	%100
10	A5	Z	2.747	2.747	0	%100
11	A6	X	0	0	0	%100
12	A6	Z	2.747	2.747	0	%100
13	A7	X	0	0	0	%100
14	A7	Z	2.747	2.747	0	%100
15	A8	X	0	0	0	%100
16	A8	Z	2.747	2.747	0	%100
17	A9	X	0	0	0	%100
18	A9	Z	2.747	2.747	0	%100
19	A10	X	0	0	0	%100
20	A10	Z	2.747	2.747	0	%100
21	A11	X	0	0	0	%100
22	A11	Z	2.747	2.747	0	%100
23	A12	X	0	0	0	%100
24	A12	Z	2.747	2.747	0	%100
25	A13	X	0	0	0	%100
26	A13	Z	2.747	2.747	0	%100
27	A14	X	0	0	0	%100
28	A14	Z	2.747	2.747	0	%100
29	A15	X	0	0	0	%100
30	A15	Z	2.747	2.747	0	%100
31	A16	X	0	0	0	%100
32	A16	Z	2.747	2.747	0	%100
33	A17	X	0	0	0	%100
34	A17	Z	3.031	3.031	0	%100
35	A18	X	0	0	0	%100
36	A18	Z	3.031	3.031	0	%100
37	A19	X	0	0	0	%100
38	A19	Z	3.031	3.031	0	%100
39	A20	X	0	0	0	%100
40	A20	Z	3.031	3.031	0	%100
41	A21	X	0	0	0	%100
42	A21	Z	4.804	4.804	0	%100
43	A22	X	0	0	0	%100
44	A22	Z	4.804	4.804	0	%100
45	A23	X	0	0	0	%100
46	A23	Z	2.096	2.096	0	%100
47	A24	X	0	0	0	%100
48	A24	Z	2.096	2.096	0	%100
49	A25	X	0	0	0	%100
50	A25	Z	2.096	2.096	0	%100
51	A26	X	0	0	0	%100
52	A26	Z	2.096	2.096	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
53	A27	X	0	0	0	%100
54	A27	Z	3.03	3.03	0	%100
55	A28	X	0	0	0	%100
56	A28	Z	3.03	3.03	0	%100
57	A29	X	0	0	0	%100
58	A29	Z	3.144	3.144	0	%100
59	A30	X	0	0	0	%100
60	A30	Z	3.144	3.144	0	%100
61	A31	X	0	0	0	%100
62	A31	Z	3.03	3.03	0	%100
63	A32	X	0	0	0	%100
64	A32	Z	3.03	3.03	0	%100
65	A33	X	0	0	0	%100
66	A33	Z	2.549	2.549	0	%100
67	A34	X	0	0	0	%100
68	A34	Z	2.549	2.549	0	%100
69	A35	X	0	0	0	%100
70	A35	Z	2.549	2.549	0	%100
71	A36	X	0	0	0	%100
72	A36	Z	2.549	2.549	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	4.125	4.125	0	%100
75	MP2A	X	0	0	0	%100
76	MP2A	Z	4.752	4.752	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	4.209	4.209	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	4.125	4.125	0	%100
81	MP5A	X	0	0	0	%100
82	MP5A	Z	4.125	4.125	0	%100
83	B52	X	0	0	0	%100
84	B52	Z	.014	.014	0	%100
85	B53	X	0	0	0	%100
86	B53	Z	1.808	1.808	0	%100
87	B54	X	0	0	0	%100
88	B54	Z	.014	.014	0	%100
89	B55	X	0	0	0	%100
90	B55	Z	1.808	1.808	0	%100
91	B56	X	0	0	0	%100
92	B56	Z	3.597	3.597	0	%100
93	B57	X	0	0	0	%100
94	B57	Z	3.597	3.597	0	%100
95	B58	X	0	0	0	%100
96	B58	Z	3.597	3.597	0	%100
97	B59	X	0	0	0	%100
98	B59	Z	1.898	1.898	0	%100
99	B60	X	0	0	0	%100
100	B60	Z	1.898	1.898	0	%100
101	B61	X	0	0	0	%100
102	B61	Z	1.898	1.898	0	%100
103	B62	X	0	0	0	%100
104	B62	Z	3.597	3.597	0	%100
105	B63	X	0	0	0	%100
106	B63	Z	3.597	3.597	0	%100
107	B64	X	0	0	0	%100
108	B64	Z	3.597	3.597	0	%100
109	B65	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
110	B65	Z	1.898	1.898	0	%100
111	B66	X	0	0	0	%100
112	B66	Z	1.898	1.898	0	%100
113	B67	X	0	0	0	%100
114	B67	Z	1.898	1.898	0	%100
115	B68	X	0	0	0	%100
116	B68	Z	3.031	3.031	0	%100
117	B69	X	0	0	0	%100
118	B69	Z	3.031	3.031	0	%100
119	B70	X	0	0	0	%100
120	B70	Z	3.031	3.031	0	%100
121	B71	X	0	0	0	%100
122	B71	Z	3.031	3.031	0	%100
123	B72	X	0	0	0	%100
124	B72	Z	1.985	1.985	0	%100
125	B73	X	0	0	0	%100
126	B73	Z	1.985	1.985	0	%100
127	B74	X	0	0	0	%100
128	B74	Z	4.159	4.159	0	%100
129	B75	X	0	0	0	%100
130	B75	Z	.032	.032	0	%100
131	B76	X	0	0	0	%100
132	B76	Z	4.159	4.159	0	%100
133	B77	X	0	0	0	%100
134	B77	Z	.032	.032	0	%100
135	B78	X	0	0	0	%100
136	B78	Z	1.902	1.902	0	%100
137	B79	X	0	0	0	%100
138	B79	Z	1.902	1.902	0	%100
139	B80	X	0	0	0	%100
140	B80	Z	3.144	3.144	0	%100
141	B81	X	0	0	0	%100
142	B81	Z	3.144	3.144	0	%100
143	B82	X	0	0	0	%100
144	B82	Z	4.157	4.157	0	%100
145	B83	X	0	0	0	%100
146	B83	Z	4.157	4.157	0	%100
147	B84	X	0	0	0	%100
148	B84	Z	3.208	3.208	0	%100
149	B85	X	0	0	0	%100
150	B85	Z	3.208	3.208	0	%100
151	B86	X	0	0	0	%100
152	B86	Z	1.888	1.888	0	%100
153	B87	X	0	0	0	%100
154	B87	Z	1.888	1.888	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	4.125	4.125	0	%100
157	MP2B	X	0	0	0	%100
158	MP2B	Z	4.752	4.752	0	%100
159	MP3B	X	0	0	0	%100
160	MP3B	Z	4.209	4.209	0	%100
161	MP4B	X	0	0	0	%100
162	MP4B	Z	4.125	4.125	0	%100
163	MP5B	X	0	0	0	%100
164	MP5B	Z	4.125	4.125	0	%100
165	C103	X	0	0	0	%100
166	C103	Z	1.497	1.497	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
167	C104	X	0	0	0	%100
168	C104	Z	.325	.325	0	%100
169	C105	X	0	0	0	%100
170	C105	Z	1.497	1.497	0	%100
171	C106	X	0	0	0	%100
172	C106	Z	.325	.325	0	%100
173	C107	X	0	0	0	%100
174	C107	Z	2.193	2.193	0	%100
175	C108	X	0	0	0	%100
176	C108	Z	2.193	2.193	0	%100
177	C109	X	0	0	0	%100
178	C109	Z	2.193	2.193	0	%100
179	C110	X	0	0	0	%100
180	C110	Z	3.302	3.302	0	%100
181	C111	X	0	0	0	%100
182	C111	Z	3.302	3.302	0	%100
183	C112	X	0	0	0	%100
184	C112	Z	3.302	3.302	0	%100
185	C113	X	0	0	0	%100
186	C113	Z	2.193	2.193	0	%100
187	C114	X	0	0	0	%100
188	C114	Z	2.193	2.193	0	%100
189	C115	X	0	0	0	%100
190	C115	Z	2.193	2.193	0	%100
191	C116	X	0	0	0	%100
192	C116	Z	3.302	3.302	0	%100
193	C117	X	0	0	0	%100
194	C117	Z	3.302	3.302	0	%100
195	C118	X	0	0	0	%100
196	C118	Z	3.302	3.302	0	%100
197	C119	X	0	0	0	%100
198	C119	Z	3.031	3.031	0	%100
199	C120	X	0	0	0	%100
200	C120	Z	3.031	3.031	0	%100
201	C121	X	0	0	0	%100
202	C121	Z	3.031	3.031	0	%100
203	C122	X	0	0	0	%100
204	C122	Z	3.031	3.031	0	%100
205	C123	X	0	0	0	%100
206	C123	Z	.562	.562	0	%100
207	C124	X	0	0	0	%100
208	C124	Z	.562	.562	0	%100
209	C125	X	0	0	0	%100
210	C125	Z	.748	.748	0	%100
211	C126	X	0	0	0	%100
212	C126	Z	3.442	3.442	0	%100
213	C127	X	0	0	0	%100
214	C127	Z	.748	.748	0	%100
215	C128	X	0	0	0	%100
216	C128	Z	3.442	3.442	0	%100
217	C129	X	0	0	0	%100
218	C129	Z	3.765	3.765	0	%100
219	C130	X	0	0	0	%100
220	C130	Z	3.765	3.765	0	%100
221	C131	X	0	0	0	%100
222	C131	Z	3.144	3.144	0	%100
223	C132	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
224	C132	Z	3.144	3.144	0	%100
225	C133	X	0	0	0	%100
226	C133	Z	2.294	2.294	0	%100
227	C134	X	0	0	0	%100
228	C134	Z	2.294	2.294	0	%100
229	C135	X	0	0	0	%100
230	C135	Z	2.117	2.117	0	%100
231	C136	X	0	0	0	%100
232	C136	Z	2.117	2.117	0	%100
233	C137	X	0	0	0	%100
234	C137	Z	2.979	2.979	0	%100
235	C138	X	0	0	0	%100
236	C138	Z	2.979	2.979	0	%100
237	MP1C	X	0	0	0	%100
238	MP1C	Z	4.125	4.125	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	4.752	4.752	0	%100
241	MP3C	X	0	0	0	%100
242	MP3C	Z	4.209	4.209	0	%100
243	MP4C	X	0	0	0	%100
244	MP4C	Z	4.125	4.125	0	%100
245	MP5C	X	0	0	0	%100
246	MP5C	Z	4.125	4.125	0	%100
247	M156	X	0	0	0	%100
248	M156	Z	3.513	3.513	0	%100
249	M155	X	0	0	0	%100
250	M155	Z	4.276	4.276	0	%100
251	M156A	X	0	0	0	%100
252	M156A	Z	.145	.145	0	%100
253	M157	X	0	0	0	%100
254	M157	Z	3.116	3.116	0	%100
255	M158	X	0	0	0	%100
256	M158	Z	.486	.486	0	%100
257	M159	X	0	0	0	%100
258	M159	Z	1.439	1.439	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.061	-.061	0	%100
2	A1	Z	.106	.106	0	%100
3	A2	X	-.85	-.85	0	%100
4	A2	Z	1.472	1.472	0	%100
5	A3	X	-.061	-.061	0	%100
6	A3	Z	.106	.106	0	%100
7	A4	X	-.85	-.85	0	%100
8	A4	Z	1.472	1.472	0	%100
9	A5	X	-1.747	-1.747	0	%100
10	A5	Z	3.026	3.026	0	%100
11	A6	X	-1.747	-1.747	0	%100
12	A6	Z	3.026	3.026	0	%100
13	A7	X	-1.747	-1.747	0	%100
14	A7	Z	3.026	3.026	0	%100
15	A8	X	-1	-1	0	%100
16	A8	Z	1.732	1.732	0	%100
17	A9	X	-1	-1	0	%100
18	A9	Z	1.732	1.732	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
19	A10	X	-1	-1	0	%100
20	A10	Z	1.732	1.732	0	%100
21	A11	X	-1.747	-1.747	0	%100
22	A11	Z	3.026	3.026	0	%100
23	A12	X	-1.747	-1.747	0	%100
24	A12	Z	3.026	3.026	0	%100
25	A13	X	-1.747	-1.747	0	%100
26	A13	Z	3.026	3.026	0	%100
27	A14	X	-1	-1	0	%100
28	A14	Z	1.732	1.732	0	%100
29	A15	X	-1	-1	0	%100
30	A15	Z	1.732	1.732	0	%100
31	A16	X	-1	-1	0	%100
32	A16	Z	1.732	1.732	0	%100
33	A17	X	-1.516	-1.516	0	%100
34	A17	Z	2.625	2.625	0	%100
35	A18	X	-1.516	-1.516	0	%100
36	A18	Z	2.625	2.625	0	%100
37	A19	X	-1.516	-1.516	0	%100
38	A19	Z	2.625	2.625	0	%100
39	A20	X	-1.516	-1.516	0	%100
40	A20	Z	2.625	2.625	0	%100
41	A21	X	-1.801	-1.801	0	%100
42	A21	Z	3.12	3.12	0	%100
43	A22	X	-1.801	-1.801	0	%100
44	A22	Z	3.12	3.12	0	%100
45	A23	X	-1.955	-1.955	0	%100
46	A23	Z	3.387	3.387	0	%100
47	A24	X	-.141	-.141	0	%100
48	A24	Z	.243	.243	0	%100
49	A25	X	-1.955	-1.955	0	%100
50	A25	Z	3.387	3.387	0	%100
51	A26	X	-.141	-.141	0	%100
52	A26	Z	.243	.243	0	%100
53	A27	X	-1.019	-1.019	0	%100
54	A27	Z	1.765	1.765	0	%100
55	A28	X	-1.019	-1.019	0	%100
56	A28	Z	1.765	1.765	0	%100
57	A29	X	-1.572	-1.572	0	%100
58	A29	Z	2.723	2.723	0	%100
59	A30	X	-1.572	-1.572	0	%100
60	A30	Z	2.723	2.723	0	%100
61	A31	X	-2.01	-2.01	0	%100
62	A31	Z	3.482	3.482	0	%100
63	A32	X	-2.01	-2.01	0	%100
64	A32	Z	3.482	3.482	0	%100
65	A33	X	-1.564	-1.564	0	%100
66	A33	Z	2.71	2.71	0	%100
67	A34	X	-1.564	-1.564	0	%100
68	A34	Z	2.71	2.71	0	%100
69	A35	X	-.984	-.984	0	%100
70	A35	Z	1.704	1.704	0	%100
71	A36	X	-.984	-.984	0	%100
72	A36	Z	1.704	1.704	0	%100
73	MP1A	X	-2.063	-2.063	0	%100
74	MP1A	Z	3.572	3.572	0	%100
75	MP2A	X	-2.376	-2.376	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
76	MP2A	Z	4.116	4.116	0	%100
77	MP3A	X	-2.104	-2.104	0	%100
78	MP3A	Z	3.645	3.645	0	%100
79	MP4A	X	-2.063	-2.063	0	%100
80	MP4A	Z	3.572	3.572	0	%100
81	MP5A	X	-2.063	-2.063	0	%100
82	MP5A	Z	3.572	3.572	0	%100
83	B52	X	-.3	-.3	0	%100
84	B52	Z	.519	.519	0	%100
85	B53	X	-.611	-.611	0	%100
86	B53	Z	1.059	1.059	0	%100
87	B54	X	-.3	-.3	0	%100
88	B54	Z	.519	.519	0	%100
89	B55	X	-.611	-.611	0	%100
90	B55	Z	1.059	1.059	0	%100
91	B56	X	-1.521	-1.521	0	%100
92	B56	Z	2.635	2.635	0	%100
93	B57	X	-1.521	-1.521	0	%100
94	B57	Z	2.635	2.635	0	%100
95	B58	X	-1.521	-1.521	0	%100
96	B58	Z	2.635	2.635	0	%100
97	B59	X	-1.226	-1.226	0	%100
98	B59	Z	2.124	2.124	0	%100
99	B60	X	-1.226	-1.226	0	%100
100	B60	Z	2.124	2.124	0	%100
101	B61	X	-1.226	-1.226	0	%100
102	B61	Z	2.124	2.124	0	%100
103	B62	X	-1.521	-1.521	0	%100
104	B62	Z	2.635	2.635	0	%100
105	B63	X	-1.521	-1.521	0	%100
106	B63	Z	2.635	2.635	0	%100
107	B64	X	-1.521	-1.521	0	%100
108	B64	Z	2.635	2.635	0	%100
109	B65	X	-1.226	-1.226	0	%100
110	B65	Z	2.124	2.124	0	%100
111	B66	X	-1.226	-1.226	0	%100
112	B66	Z	2.124	2.124	0	%100
113	B67	X	-1.226	-1.226	0	%100
114	B67	Z	2.124	2.124	0	%100
115	B68	X	-1.516	-1.516	0	%100
116	B68	Z	2.625	2.625	0	%100
117	B69	X	-1.516	-1.516	0	%100
118	B69	Z	2.625	2.625	0	%100
119	B70	X	-1.516	-1.516	0	%100
120	B70	Z	2.625	2.625	0	%100
121	B71	X	-1.516	-1.516	0	%100
122	B71	Z	2.625	2.625	0	%100
123	B72	X	-.072	-.072	0	%100
124	B72	Z	.125	.125	0	%100
125	B73	X	-.072	-.072	0	%100
126	B73	Z	.125	.125	0	%100
127	B74	X	-1.406	-1.406	0	%100
128	B74	Z	2.435	2.435	0	%100
129	B75	X	-.689	-.689	0	%100
130	B75	Z	1.194	1.194	0	%100
131	B76	X	-1.406	-1.406	0	%100
132	B76	Z	2.435	2.435	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
133	B77	X	-.689	-.689	0	%100
134	B77	Z	1.194	1.194	0	%100
135	B78	X	-1.319	-1.319	0	%100
136	B78	Z	2.285	2.285	0	%100
137	B79	X	-1.319	-1.319	0	%100
138	B79	Z	2.285	2.285	0	%100
139	B80	X	-1.572	-1.572	0	%100
140	B80	Z	2.723	2.723	0	%100
141	B81	X	-1.572	-1.572	0	%100
142	B81	Z	2.723	2.723	0	%100
143	B82	X	-1.711	-1.711	0	%100
144	B82	Z	2.963	2.963	0	%100
145	B83	X	-1.711	-1.711	0	%100
146	B83	Z	2.963	2.963	0	%100
147	B84	X	-1.389	-1.389	0	%100
148	B84	Z	2.405	2.405	0	%100
149	B85	X	-1.389	-1.389	0	%100
150	B85	Z	2.405	2.405	0	%100
151	B86	X	-1.159	-1.159	0	%100
152	B86	Z	2.008	2.008	0	%100
153	B87	X	-1.159	-1.159	0	%100
154	B87	Z	2.008	2.008	0	%100
155	MP1B	X	-2.063	-2.063	0	%100
156	MP1B	Z	3.572	3.572	0	%100
157	MP2B	X	-2.376	-2.376	0	%100
158	MP2B	Z	4.116	4.116	0	%100
159	MP3B	X	-2.104	-2.104	0	%100
160	MP3B	Z	3.645	3.645	0	%100
161	MP4B	X	-2.063	-2.063	0	%100
162	MP4B	Z	3.572	3.572	0	%100
163	MP5B	X	-2.063	-2.063	0	%100
164	MP5B	Z	3.572	3.572	0	%100
165	C103	X	-.904	-.904	0	%100
166	C103	Z	1.566	1.566	0	%100
167	C104	X	-.007	-.007	0	%100
168	C104	Z	.012	.012	0	%100
169	C105	X	-.904	-.904	0	%100
170	C105	Z	1.566	1.566	0	%100
171	C106	X	-.007	-.007	0	%100
172	C106	Z	.012	.012	0	%100
173	C107	X	-.949	-.949	0	%100
174	C107	Z	1.644	1.644	0	%100
175	C108	X	-.949	-.949	0	%100
176	C108	Z	1.644	1.644	0	%100
177	C109	X	-.949	-.949	0	%100
178	C109	Z	1.644	1.644	0	%100
179	C110	X	-1.798	-1.798	0	%100
180	C110	Z	3.115	3.115	0	%100
181	C111	X	-1.798	-1.798	0	%100
182	C111	Z	3.115	3.115	0	%100
183	C112	X	-1.798	-1.798	0	%100
184	C112	Z	3.115	3.115	0	%100
185	C113	X	-.949	-.949	0	%100
186	C113	Z	1.644	1.644	0	%100
187	C114	X	-.949	-.949	0	%100
188	C114	Z	1.644	1.644	0	%100
189	C115	X	-.949	-.949	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
190	C115	Z	1.644	1.644	0	%100
191	C116	X	-1.798	-1.798	0	%100
192	C116	Z	3.115	3.115	0	%100
193	C117	X	-1.798	-1.798	0	%100
194	C117	Z	3.115	3.115	0	%100
195	C118	X	-1.798	-1.798	0	%100
196	C118	Z	3.115	3.115	0	%100
197	C119	X	-1.516	-1.516	0	%100
198	C119	Z	2.625	2.625	0	%100
199	C120	X	-1.516	-1.516	0	%100
200	C120	Z	2.625	2.625	0	%100
201	C121	X	-1.516	-1.516	0	%100
202	C121	Z	2.625	2.625	0	%100
203	C122	X	-1.516	-1.516	0	%100
204	C122	Z	2.625	2.625	0	%100
205	C123	X	-1.409	-1.409	0	%100
206	C123	Z	2.441	2.441	0	%100
207	C124	X	-1.409	-1.409	0	%100
208	C124	Z	2.441	2.441	0	%100
209	C125	X	-.016	-.016	0	%100
210	C125	Z	.028	.028	0	%100
211	C126	X	-2.08	-2.08	0	%100
212	C126	Z	3.602	3.602	0	%100
213	C127	X	-.016	-.016	0	%100
214	C127	Z	.028	.028	0	%100
215	C128	X	-2.08	-2.08	0	%100
216	C128	Z	3.602	3.602	0	%100
217	C129	X	-2.078	-2.078	0	%100
218	C129	Z	3.6	3.6	0	%100
219	C130	X	-2.078	-2.078	0	%100
220	C130	Z	3.6	3.6	0	%100
221	C131	X	-1.572	-1.572	0	%100
222	C131	Z	2.723	2.723	0	%100
223	C132	X	-1.572	-1.572	0	%100
224	C132	Z	2.723	2.723	0	%100
225	C133	X	-.951	-.951	0	%100
226	C133	Z	1.647	1.647	0	%100
227	C134	X	-.951	-.951	0	%100
228	C134	Z	1.647	1.647	0	%100
229	C135	X	-.944	-.944	0	%100
230	C135	Z	1.635	1.635	0	%100
231	C136	X	-.944	-.944	0	%100
232	C136	Z	1.635	1.635	0	%100
233	C137	X	-1.604	-1.604	0	%100
234	C137	Z	2.779	2.779	0	%100
235	C138	X	-1.604	-1.604	0	%100
236	C138	Z	2.779	2.779	0	%100
237	MP1C	X	-2.063	-2.063	0	%100
238	MP1C	Z	3.572	3.572	0	%100
239	MP2C	X	-2.376	-2.376	0	%100
240	MP2C	Z	4.116	4.116	0	%100
241	MP3C	X	-2.104	-2.104	0	%100
242	MP3C	Z	3.645	3.645	0	%100
243	MP4C	X	-2.063	-2.063	0	%100
244	MP4C	Z	3.572	3.572	0	%100
245	MP5C	X	-2.063	-2.063	0	%100
246	MP5C	Z	3.572	3.572	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
247	M156	X	-2.208	-2.208	0	%100
248	M156	Z	3.824	3.824	0	%100
249	M155	X	-1.971	-1.971	0	%100
250	M155	Z	3.413	3.413	0	%100
251	M156A	X	-.932	-.932	0	%100
252	M156A	Z	1.613	1.613	0	%100
253	M157	X	-.457	-.457	0	%100
254	M157	Z	.792	.792	0	%100
255	M158	X	-1.274	-1.274	0	%100
256	M158	Z	2.207	2.207	0	%100
257	M159	X	-.015	-.015	0	%100
258	M159	Z	.026	.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.106	-.106	0	%100
2	A1	Z	.061	.061	0	%100
3	A2	X	-1.472	-1.472	0	%100
4	A2	Z	.85	.85	0	%100
5	A3	X	-.106	-.106	0	%100
6	A3	Z	.061	.061	0	%100
7	A4	X	-1.472	-1.472	0	%100
8	A4	Z	.85	.85	0	%100
9	A5	X	-3.026	-3.026	0	%100
10	A5	Z	1.747	1.747	0	%100
11	A6	X	-3.026	-3.026	0	%100
12	A6	Z	1.747	1.747	0	%100
13	A7	X	-3.026	-3.026	0	%100
14	A7	Z	1.747	1.747	0	%100
15	A8	X	-1.732	-1.732	0	%100
16	A8	Z	1	1	0	%100
17	A9	X	-1.732	-1.732	0	%100
18	A9	Z	1	1	0	%100
19	A10	X	-1.732	-1.732	0	%100
20	A10	Z	1	1	0	%100
21	A11	X	-3.026	-3.026	0	%100
22	A11	Z	1.747	1.747	0	%100
23	A12	X	-3.026	-3.026	0	%100
24	A12	Z	1.747	1.747	0	%100
25	A13	X	-3.026	-3.026	0	%100
26	A13	Z	1.747	1.747	0	%100
27	A14	X	-1.732	-1.732	0	%100
28	A14	Z	1	1	0	%100
29	A15	X	-1.732	-1.732	0	%100
30	A15	Z	1	1	0	%100
31	A16	X	-1.732	-1.732	0	%100
32	A16	Z	1	1	0	%100
33	A17	X	-2.625	-2.625	0	%100
34	A17	Z	1.516	1.516	0	%100
35	A18	X	-2.625	-2.625	0	%100
36	A18	Z	1.516	1.516	0	%100
37	A19	X	-2.625	-2.625	0	%100
38	A19	Z	1.516	1.516	0	%100
39	A20	X	-2.625	-2.625	0	%100
40	A20	Z	1.516	1.516	0	%100
41	A21	X	-1.04	-1.04	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
42	A21	Z	.6	.6	0	%100
43	A22	X	-1.04	-1.04	0	%100
44	A22	Z	.6	.6	0	%100
45	A23	X	-3.386	-3.386	0	%100
46	A23	Z	1.955	1.955	0	%100
47	A24	X	-.243	-.243	0	%100
48	A24	Z	.14	.14	0	%100
49	A25	X	-3.386	-3.386	0	%100
50	A25	Z	1.955	1.955	0	%100
51	A26	X	-.243	-.243	0	%100
52	A26	Z	.14	.14	0	%100
53	A27	X	-1.765	-1.765	0	%100
54	A27	Z	1.019	1.019	0	%100
55	A28	X	-1.765	-1.765	0	%100
56	A28	Z	1.019	1.019	0	%100
57	A29	X	-2.723	-2.723	0	%100
58	A29	Z	1.572	1.572	0	%100
59	A30	X	-2.723	-2.723	0	%100
60	A30	Z	1.572	1.572	0	%100
61	A31	X	-3.482	-3.482	0	%100
62	A31	Z	2.01	2.01	0	%100
63	A32	X	-3.482	-3.482	0	%100
64	A32	Z	2.01	2.01	0	%100
65	A33	X	-2.71	-2.71	0	%100
66	A33	Z	1.564	1.564	0	%100
67	A34	X	-2.71	-2.71	0	%100
68	A34	Z	1.564	1.564	0	%100
69	A35	X	-1.704	-1.704	0	%100
70	A35	Z	.984	.984	0	%100
71	A36	X	-1.704	-1.704	0	%100
72	A36	Z	.984	.984	0	%100
73	MP1A	X	-3.572	-3.572	0	%100
74	MP1A	Z	2.063	2.063	0	%100
75	MP2A	X	-4.116	-4.116	0	%100
76	MP2A	Z	2.376	2.376	0	%100
77	MP3A	X	-3.645	-3.645	0	%100
78	MP3A	Z	2.104	2.104	0	%100
79	MP4A	X	-3.572	-3.572	0	%100
80	MP4A	Z	2.063	2.063	0	%100
81	MP5A	X	-3.572	-3.572	0	%100
82	MP5A	Z	2.063	2.063	0	%100
83	B52	X	-1.296	-1.296	0	%100
84	B52	Z	.748	.748	0	%100
85	B53	X	-.282	-.282	0	%100
86	B53	Z	.163	.163	0	%100
87	B54	X	-1.296	-1.296	0	%100
88	B54	Z	.748	.748	0	%100
89	B55	X	-.282	-.282	0	%100
90	B55	Z	.163	.163	0	%100
91	B56	X	-1.899	-1.899	0	%100
92	B56	Z	1.096	1.096	0	%100
93	B57	X	-1.899	-1.899	0	%100
94	B57	Z	1.096	1.096	0	%100
95	B58	X	-1.899	-1.899	0	%100
96	B58	Z	1.096	1.096	0	%100
97	B59	X	-2.859	-2.859	0	%100
98	B59	Z	1.651	1.651	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
99	B60	X	-2.859	-2.859	0	%100
100	B60	Z	1.651	1.651	0	%100
101	B61	X	-2.859	-2.859	0	%100
102	B61	Z	1.651	1.651	0	%100
103	B62	X	-1.899	-1.899	0	%100
104	B62	Z	1.096	1.096	0	%100
105	B63	X	-1.899	-1.899	0	%100
106	B63	Z	1.096	1.096	0	%100
107	B64	X	-1.899	-1.899	0	%100
108	B64	Z	1.096	1.096	0	%100
109	B65	X	-2.859	-2.859	0	%100
110	B65	Z	1.651	1.651	0	%100
111	B66	X	-2.859	-2.859	0	%100
112	B66	Z	1.651	1.651	0	%100
113	B67	X	-2.859	-2.859	0	%100
114	B67	Z	1.651	1.651	0	%100
115	B68	X	-2.625	-2.625	0	%100
116	B68	Z	1.516	1.516	0	%100
117	B69	X	-2.625	-2.625	0	%100
118	B69	Z	1.516	1.516	0	%100
119	B70	X	-2.625	-2.625	0	%100
120	B70	Z	1.516	1.516	0	%100
121	B71	X	-2.625	-2.625	0	%100
122	B71	Z	1.516	1.516	0	%100
123	B72	X	-.487	-.487	0	%100
124	B72	Z	.281	.281	0	%100
125	B73	X	-.487	-.487	0	%100
126	B73	Z	.281	.281	0	%100
127	B74	X	-.648	-.648	0	%100
128	B74	Z	.374	.374	0	%100
129	B75	X	-2.981	-2.981	0	%100
130	B75	Z	1.721	1.721	0	%100
131	B76	X	-.648	-.648	0	%100
132	B76	Z	.374	.374	0	%100
133	B77	X	-2.981	-2.981	0	%100
134	B77	Z	1.721	1.721	0	%100
135	B78	X	-3.261	-3.261	0	%100
136	B78	Z	1.883	1.883	0	%100
137	B79	X	-3.261	-3.261	0	%100
138	B79	Z	1.883	1.883	0	%100
139	B80	X	-2.723	-2.723	0	%100
140	B80	Z	1.572	1.572	0	%100
141	B81	X	-2.723	-2.723	0	%100
142	B81	Z	1.572	1.572	0	%100
143	B82	X	-1.986	-1.986	0	%100
144	B82	Z	1.147	1.147	0	%100
145	B83	X	-1.986	-1.986	0	%100
146	B83	Z	1.147	1.147	0	%100
147	B84	X	-1.834	-1.834	0	%100
148	B84	Z	1.059	1.059	0	%100
149	B85	X	-1.834	-1.834	0	%100
150	B85	Z	1.059	1.059	0	%100
151	B86	X	-2.58	-2.58	0	%100
152	B86	Z	1.49	1.49	0	%100
153	B87	X	-2.58	-2.58	0	%100
154	B87	Z	1.49	1.49	0	%100
155	MP1B	X	-3.572	-3.572	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
156	MP1B	Z	2.063	2.063	0	%100
157	MP2B	X	-4.116	-4.116	0	%100
158	MP2B	Z	2.376	2.376	0	%100
159	MP3B	X	-3.645	-3.645	0	%100
160	MP3B	Z	2.104	2.104	0	%100
161	MP4B	X	-3.572	-3.572	0	%100
162	MP4B	Z	2.063	2.063	0	%100
163	MP5B	X	-3.572	-3.572	0	%100
164	MP5B	Z	2.063	2.063	0	%100
165	C103	X	-1.059	-1.059	0	%100
166	C103	Z	.611	.611	0	%100
167	C104	X	-.519	-.519	0	%100
168	C104	Z	.3	.3	0	%100
169	C105	X	-1.059	-1.059	0	%100
170	C105	Z	.611	.611	0	%100
171	C106	X	-.519	-.519	0	%100
172	C106	Z	.3	.3	0	%100
173	C107	X	-2.124	-2.124	0	%100
174	C107	Z	1.226	1.226	0	%100
175	C108	X	-2.124	-2.124	0	%100
176	C108	Z	1.226	1.226	0	%100
177	C109	X	-2.124	-2.124	0	%100
178	C109	Z	1.226	1.226	0	%100
179	C110	X	-2.635	-2.635	0	%100
180	C110	Z	1.521	1.521	0	%100
181	C111	X	-2.635	-2.635	0	%100
182	C111	Z	1.521	1.521	0	%100
183	C112	X	-2.635	-2.635	0	%100
184	C112	Z	1.521	1.521	0	%100
185	C113	X	-2.124	-2.124	0	%100
186	C113	Z	1.226	1.226	0	%100
187	C114	X	-2.124	-2.124	0	%100
188	C114	Z	1.226	1.226	0	%100
189	C115	X	-2.124	-2.124	0	%100
190	C115	Z	1.226	1.226	0	%100
191	C116	X	-2.635	-2.635	0	%100
192	C116	Z	1.521	1.521	0	%100
193	C117	X	-2.635	-2.635	0	%100
194	C117	Z	1.521	1.521	0	%100
195	C118	X	-2.635	-2.635	0	%100
196	C118	Z	1.521	1.521	0	%100
197	C119	X	-2.625	-2.625	0	%100
198	C119	Z	1.516	1.516	0	%100
199	C120	X	-2.625	-2.625	0	%100
200	C120	Z	1.516	1.516	0	%100
201	C121	X	-2.625	-2.625	0	%100
202	C121	Z	1.516	1.516	0	%100
203	C122	X	-2.625	-2.625	0	%100
204	C122	Z	1.516	1.516	0	%100
205	C123	X	-4.035	-4.035	0	%100
206	C123	Z	2.329	2.329	0	%100
207	C124	X	-4.035	-4.035	0	%100
208	C124	Z	2.329	2.329	0	%100
209	C125	X	-1.195	-1.195	0	%100
210	C125	Z	.69	.69	0	%100
211	C126	X	-2.436	-2.436	0	%100
212	C126	Z	1.407	1.407	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
213	C127	X	-1.195	-1.195	0	%100
214	C127	Z	.69	.69	0	%100
215	C128	X	-2.436	-2.436	0	%100
216	C128	Z	1.407	1.407	0	%100
217	C129	X	-2.963	-2.963	0	%100
218	C129	Z	1.711	1.711	0	%100
219	C130	X	-2.963	-2.963	0	%100
220	C130	Z	1.711	1.711	0	%100
221	C131	X	-2.723	-2.723	0	%100
222	C131	Z	1.572	1.572	0	%100
223	C132	X	-2.723	-2.723	0	%100
224	C132	Z	1.572	1.572	0	%100
225	C133	X	-2.285	-2.285	0	%100
226	C133	Z	1.319	1.319	0	%100
227	C134	X	-2.285	-2.285	0	%100
228	C134	Z	1.319	1.319	0	%100
229	C135	X	-2.009	-2.009	0	%100
230	C135	Z	1.16	1.16	0	%100
231	C136	X	-2.009	-2.009	0	%100
232	C136	Z	1.16	1.16	0	%100
233	C137	X	-2.406	-2.406	0	%100
234	C137	Z	1.389	1.389	0	%100
235	C138	X	-2.406	-2.406	0	%100
236	C138	Z	1.389	1.389	0	%100
237	MP1C	X	-3.572	-3.572	0	%100
238	MP1C	Z	2.063	2.063	0	%100
239	MP2C	X	-4.116	-4.116	0	%100
240	MP2C	Z	2.376	2.376	0	%100
241	MP3C	X	-3.645	-3.645	0	%100
242	MP3C	Z	2.104	2.104	0	%100
243	MP4C	X	-3.572	-3.572	0	%100
244	MP4C	Z	2.063	2.063	0	%100
245	MP5C	X	-3.572	-3.572	0	%100
246	MP5C	Z	2.063	2.063	0	%100
247	M156	X	-2.699	-2.699	0	%100
248	M156	Z	1.558	1.558	0	%100
249	M155	X	-1.627	-1.627	0	%100
250	M155	Z	.939	.939	0	%100
251	M156A	X	-3.405	-3.405	0	%100
252	M156A	Z	1.966	1.966	0	%100
253	M157	X	-.01	-.01	0	%100
254	M157	Z	.006	.006	0	%100
255	M158	X	-3.703	-3.703	0	%100
256	M158	Z	2.138	2.138	0	%100
257	M159	X	-.698	-.698	0	%100
258	M159	Z	.403	.403	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.911	-.911	0	%100
2	A1	Z	0	0	0	%100
3	A2	X	-.911	-.911	0	%100
4	A2	Z	0	0	0	%100
5	A3	X	-.911	-.911	0	%100
6	A3	Z	0	0	0	%100
7	A4	X	-.911	-.911	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
8	A4	Z	0	0	0	%100
9	A5	X	-2.747	-2.747	0	%100
10	A5	Z	0	0	0	%100
11	A6	X	-2.747	-2.747	0	%100
12	A6	Z	0	0	0	%100
13	A7	X	-2.747	-2.747	0	%100
14	A7	Z	0	0	0	%100
15	A8	X	-2.747	-2.747	0	%100
16	A8	Z	0	0	0	%100
17	A9	X	-2.747	-2.747	0	%100
18	A9	Z	0	0	0	%100
19	A10	X	-2.747	-2.747	0	%100
20	A10	Z	0	0	0	%100
21	A11	X	-2.747	-2.747	0	%100
22	A11	Z	0	0	0	%100
23	A12	X	-2.747	-2.747	0	%100
24	A12	Z	0	0	0	%100
25	A13	X	-2.747	-2.747	0	%100
26	A13	Z	0	0	0	%100
27	A14	X	-2.747	-2.747	0	%100
28	A14	Z	0	0	0	%100
29	A15	X	-2.747	-2.747	0	%100
30	A15	Z	0	0	0	%100
31	A16	X	-2.747	-2.747	0	%100
32	A16	Z	0	0	0	%100
33	A17	X	-3.031	-3.031	0	%100
34	A17	Z	0	0	0	%100
35	A18	X	-3.031	-3.031	0	%100
36	A18	Z	0	0	0	%100
37	A19	X	-3.031	-3.031	0	%100
38	A19	Z	0	0	0	%100
39	A20	X	-3.031	-3.031	0	%100
40	A20	Z	0	0	0	%100
41	A21	X	0	0	0	%100
42	A21	Z	0	0	0	%100
43	A22	X	0	0	0	%100
44	A22	Z	0	0	0	%100
45	A23	X	-2.095	-2.095	0	%100
46	A23	Z	0	0	0	%100
47	A24	X	-2.095	-2.095	0	%100
48	A24	Z	0	0	0	%100
49	A25	X	-2.095	-2.095	0	%100
50	A25	Z	0	0	0	%100
51	A26	X	-2.095	-2.095	0	%100
52	A26	Z	0	0	0	%100
53	A27	X	-3.03	-3.03	0	%100
54	A27	Z	0	0	0	%100
55	A28	X	-3.03	-3.03	0	%100
56	A28	Z	0	0	0	%100
57	A29	X	-3.144	-3.144	0	%100
58	A29	Z	0	0	0	%100
59	A30	X	-3.144	-3.144	0	%100
60	A30	Z	0	0	0	%100
61	A31	X	-3.03	-3.03	0	%100
62	A31	Z	0	0	0	%100
63	A32	X	-3.03	-3.03	0	%100
64	A32	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
65	A33	X	-2.548	-2.548	0	%100
66	A33	Z	0	0	0	%100
67	A34	X	-2.548	-2.548	0	%100
68	A34	Z	0	0	0	%100
69	A35	X	-2.548	-2.548	0	%100
70	A35	Z	0	0	0	%100
71	A36	X	-2.548	-2.548	0	%100
72	A36	Z	0	0	0	%100
73	MP1A	X	-4.125	-4.125	0	%100
74	MP1A	Z	0	0	0	%100
75	MP2A	X	-4.752	-4.752	0	%100
76	MP2A	Z	0	0	0	%100
77	MP3A	X	-4.209	-4.209	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	-4.125	-4.125	0	%100
80	MP4A	Z	0	0	0	%100
81	MP5A	X	-4.125	-4.125	0	%100
82	MP5A	Z	0	0	0	%100
83	B52	X	-1.808	-1.808	0	%100
84	B52	Z	0	0	0	%100
85	B53	X	-.014	-.014	0	%100
86	B53	Z	0	0	0	%100
87	B54	X	-1.808	-1.808	0	%100
88	B54	Z	0	0	0	%100
89	B55	X	-.014	-.014	0	%100
90	B55	Z	0	0	0	%100
91	B56	X	-1.898	-1.898	0	%100
92	B56	Z	0	0	0	%100
93	B57	X	-1.898	-1.898	0	%100
94	B57	Z	0	0	0	%100
95	B58	X	-1.898	-1.898	0	%100
96	B58	Z	0	0	0	%100
97	B59	X	-3.597	-3.597	0	%100
98	B59	Z	0	0	0	%100
99	B60	X	-3.597	-3.597	0	%100
100	B60	Z	0	0	0	%100
101	B61	X	-3.597	-3.597	0	%100
102	B61	Z	0	0	0	%100
103	B62	X	-1.898	-1.898	0	%100
104	B62	Z	0	0	0	%100
105	B63	X	-1.898	-1.898	0	%100
106	B63	Z	0	0	0	%100
107	B64	X	-1.898	-1.898	0	%100
108	B64	Z	0	0	0	%100
109	B65	X	-3.597	-3.597	0	%100
110	B65	Z	0	0	0	%100
111	B66	X	-3.597	-3.597	0	%100
112	B66	Z	0	0	0	%100
113	B67	X	-3.597	-3.597	0	%100
114	B67	Z	0	0	0	%100
115	B68	X	-3.031	-3.031	0	%100
116	B68	Z	0	0	0	%100
117	B69	X	-3.031	-3.031	0	%100
118	B69	Z	0	0	0	%100
119	B70	X	-3.031	-3.031	0	%100
120	B70	Z	0	0	0	%100
121	B71	X	-3.031	-3.031	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
122	B71	Z	0	0	0	%100
123	B72	X	-2.819	-2.819	0	%100
124	B72	Z	0	0	0	%100
125	B73	X	-2.819	-2.819	0	%100
126	B73	Z	0	0	0	%100
127	B74	X	-.032	-.032	0	%100
128	B74	Z	0	0	0	%100
129	B75	X	-4.16	-4.16	0	%100
130	B75	Z	0	0	0	%100
131	B76	X	-.032	-.032	0	%100
132	B76	Z	0	0	0	%100
133	B77	X	-4.16	-4.16	0	%100
134	B77	Z	0	0	0	%100
135	B78	X	-4.157	-4.157	0	%100
136	B78	Z	0	0	0	%100
137	B79	X	-4.157	-4.157	0	%100
138	B79	Z	0	0	0	%100
139	B80	X	-3.144	-3.144	0	%100
140	B80	Z	0	0	0	%100
141	B81	X	-3.144	-3.144	0	%100
142	B81	Z	0	0	0	%100
143	B82	X	-1.902	-1.902	0	%100
144	B82	Z	0	0	0	%100
145	B83	X	-1.902	-1.902	0	%100
146	B83	Z	0	0	0	%100
147	B84	X	-1.888	-1.888	0	%100
148	B84	Z	0	0	0	%100
149	B85	X	-1.888	-1.888	0	%100
150	B85	Z	0	0	0	%100
151	B86	X	-3.209	-3.209	0	%100
152	B86	Z	0	0	0	%100
153	B87	X	-3.209	-3.209	0	%100
154	B87	Z	0	0	0	%100
155	MP1B	X	-4.125	-4.125	0	%100
156	MP1B	Z	0	0	0	%100
157	MP2B	X	-4.752	-4.752	0	%100
158	MP2B	Z	0	0	0	%100
159	MP3B	X	-4.209	-4.209	0	%100
160	MP3B	Z	0	0	0	%100
161	MP4B	X	-4.125	-4.125	0	%100
162	MP4B	Z	0	0	0	%100
163	MP5B	X	-4.125	-4.125	0	%100
164	MP5B	Z	0	0	0	%100
165	C103	X	-.326	-.326	0	%100
166	C103	Z	0	0	0	%100
167	C104	X	-1.497	-1.497	0	%100
168	C104	Z	0	0	0	%100
169	C105	X	-.326	-.326	0	%100
170	C105	Z	0	0	0	%100
171	C106	X	-1.497	-1.497	0	%100
172	C106	Z	0	0	0	%100
173	C107	X	-3.302	-3.302	0	%100
174	C107	Z	0	0	0	%100
175	C108	X	-3.302	-3.302	0	%100
176	C108	Z	0	0	0	%100
177	C109	X	-3.302	-3.302	0	%100
178	C109	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
179	C110	X	-2.193	-2.193	0	%100
180	C110	Z	0	0	0	%100
181	C111	X	-2.193	-2.193	0	%100
182	C111	Z	0	0	0	%100
183	C112	X	-2.193	-2.193	0	%100
184	C112	Z	0	0	0	%100
185	C113	X	-3.302	-3.302	0	%100
186	C113	Z	0	0	0	%100
187	C114	X	-3.302	-3.302	0	%100
188	C114	Z	0	0	0	%100
189	C115	X	-3.302	-3.302	0	%100
190	C115	Z	0	0	0	%100
191	C116	X	-2.193	-2.193	0	%100
192	C116	Z	0	0	0	%100
193	C117	X	-2.193	-2.193	0	%100
194	C117	Z	0	0	0	%100
195	C118	X	-2.193	-2.193	0	%100
196	C118	Z	0	0	0	%100
197	C119	X	-3.031	-3.031	0	%100
198	C119	Z	0	0	0	%100
199	C120	X	-3.031	-3.031	0	%100
200	C120	Z	0	0	0	%100
201	C121	X	-3.031	-3.031	0	%100
202	C121	Z	0	0	0	%100
203	C122	X	-3.031	-3.031	0	%100
204	C122	Z	0	0	0	%100
205	C123	X	-4.242	-4.242	0	%100
206	C123	Z	0	0	0	%100
207	C124	X	-4.242	-4.242	0	%100
208	C124	Z	0	0	0	%100
209	C125	X	-3.443	-3.443	0	%100
210	C125	Z	0	0	0	%100
211	C126	X	-.749	-.749	0	%100
212	C126	Z	0	0	0	%100
213	C127	X	-3.443	-3.443	0	%100
214	C127	Z	0	0	0	%100
215	C128	X	-.749	-.749	0	%100
216	C128	Z	0	0	0	%100
217	C129	X	-2.294	-2.294	0	%100
218	C129	Z	0	0	0	%100
219	C130	X	-2.294	-2.294	0	%100
220	C130	Z	0	0	0	%100
221	C131	X	-3.144	-3.144	0	%100
222	C131	Z	0	0	0	%100
223	C132	X	-3.144	-3.144	0	%100
224	C132	Z	0	0	0	%100
225	C133	X	-3.765	-3.765	0	%100
226	C133	Z	0	0	0	%100
227	C134	X	-3.765	-3.765	0	%100
228	C134	Z	0	0	0	%100
229	C135	X	-2.979	-2.979	0	%100
230	C135	Z	0	0	0	%100
231	C136	X	-2.979	-2.979	0	%100
232	C136	Z	0	0	0	%100
233	C137	X	-2.118	-2.118	0	%100
234	C137	Z	0	0	0	%100
235	C138	X	-2.118	-2.118	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
236	C138	Z	0	0	0	%100
237	MP1C	X	-4.125	-4.125	0	%100
238	MP1C	Z	0	0	0	%100
239	MP2C	X	-4.752	-4.752	0	%100
240	MP2C	Z	0	0	0	%100
241	MP3C	X	-4.209	-4.209	0	%100
242	MP3C	Z	0	0	0	%100
243	MP4C	X	-4.125	-4.125	0	%100
244	MP4C	Z	0	0	0	%100
245	MP5C	X	-4.125	-4.125	0	%100
246	MP5C	Z	0	0	0	%100
247	M156	X	-.914	-.914	0	%100
248	M156	Z	0	0	0	%100
249	M155	X	-.151	-.151	0	%100
250	M155	Z	0	0	0	%100
251	M156A	X	-4.282	-4.282	0	%100
252	M156A	Z	0	0	0	%100
253	M157	X	-1.311	-1.311	0	%100
254	M157	Z	0	0	0	%100
255	M158	X	-3.941	-3.941	0	%100
256	M158	Z	0	0	0	%100
257	M159	X	-2.989	-2.989	0	%100
258	M159	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-1.472	-1.472	0	%100
2	A1	Z	-.85	-.85	0	%100
3	A2	X	-.106	-.106	0	%100
4	A2	Z	-.061	-.061	0	%100
5	A3	X	-1.472	-1.472	0	%100
6	A3	Z	-.85	-.85	0	%100
7	A4	X	-.106	-.106	0	%100
8	A4	Z	-.061	-.061	0	%100
9	A5	X	-1.732	-1.732	0	%100
10	A5	Z	-1	-1	0	%100
11	A6	X	-1.732	-1.732	0	%100
12	A6	Z	-1	-1	0	%100
13	A7	X	-1.732	-1.732	0	%100
14	A7	Z	-1	-1	0	%100
15	A8	X	-3.026	-3.026	0	%100
16	A8	Z	-1.747	-1.747	0	%100
17	A9	X	-3.026	-3.026	0	%100
18	A9	Z	-1.747	-1.747	0	%100
19	A10	X	-3.026	-3.026	0	%100
20	A10	Z	-1.747	-1.747	0	%100
21	A11	X	-1.732	-1.732	0	%100
22	A11	Z	-1	-1	0	%100
23	A12	X	-1.732	-1.732	0	%100
24	A12	Z	-1	-1	0	%100
25	A13	X	-1.732	-1.732	0	%100
26	A13	Z	-1	-1	0	%100
27	A14	X	-3.026	-3.026	0	%100
28	A14	Z	-1.747	-1.747	0	%100
29	A15	X	-3.026	-3.026	0	%100
30	A15	Z	-1.747	-1.747	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
31	A16	X	-3.026	-3.026	0	%100
32	A16	Z	-1.747	-1.747	0	%100
33	A17	X	-2.625	-2.625	0	%100
34	A17	Z	-1.516	-1.516	0	%100
35	A18	X	-2.625	-2.625	0	%100
36	A18	Z	-1.516	-1.516	0	%100
37	A19	X	-2.625	-2.625	0	%100
38	A19	Z	-1.516	-1.516	0	%100
39	A20	X	-2.625	-2.625	0	%100
40	A20	Z	-1.516	-1.516	0	%100
41	A21	X	-1.04	-1.04	0	%100
42	A21	Z	-.6	-.6	0	%100
43	A22	X	-1.04	-1.04	0	%100
44	A22	Z	-.6	-.6	0	%100
45	A23	X	-.243	-.243	0	%100
46	A23	Z	-.14	-.14	0	%100
47	A24	X	-3.386	-3.386	0	%100
48	A24	Z	-1.955	-1.955	0	%100
49	A25	X	-.243	-.243	0	%100
50	A25	Z	-.14	-.14	0	%100
51	A26	X	-3.386	-3.386	0	%100
52	A26	Z	-1.955	-1.955	0	%100
53	A27	X	-3.482	-3.482	0	%100
54	A27	Z	-2.01	-2.01	0	%100
55	A28	X	-3.482	-3.482	0	%100
56	A28	Z	-2.01	-2.01	0	%100
57	A29	X	-2.723	-2.723	0	%100
58	A29	Z	-1.572	-1.572	0	%100
59	A30	X	-2.723	-2.723	0	%100
60	A30	Z	-1.572	-1.572	0	%100
61	A31	X	-1.765	-1.765	0	%100
62	A31	Z	-1.019	-1.019	0	%100
63	A32	X	-1.765	-1.765	0	%100
64	A32	Z	-1.019	-1.019	0	%100
65	A33	X	-1.704	-1.704	0	%100
66	A33	Z	-.984	-.984	0	%100
67	A34	X	-1.704	-1.704	0	%100
68	A34	Z	-.984	-.984	0	%100
69	A35	X	-2.71	-2.71	0	%100
70	A35	Z	-1.564	-1.564	0	%100
71	A36	X	-2.71	-2.71	0	%100
72	A36	Z	-1.564	-1.564	0	%100
73	MP1A	X	-3.572	-3.572	0	%100
74	MP1A	Z	-2.063	-2.063	0	%100
75	MP2A	X	-4.116	-4.116	0	%100
76	MP2A	Z	-2.376	-2.376	0	%100
77	MP3A	X	-3.645	-3.645	0	%100
78	MP3A	Z	-2.104	-2.104	0	%100
79	MP4A	X	-3.572	-3.572	0	%100
80	MP4A	Z	-2.063	-2.063	0	%100
81	MP5A	X	-3.572	-3.572	0	%100
82	MP5A	Z	-2.063	-2.063	0	%100
83	B52	X	-1.059	-1.059	0	%100
84	B52	Z	-.611	-.611	0	%100
85	B53	X	-.519	-.519	0	%100
86	B53	Z	-.3	-.3	0	%100
87	B54	X	-1.059	-1.059	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
88	B54	Z	-.611	-.611	0	%100
89	B55	X	-.519	-.519	0	%100
90	B55	Z	-.3	-.3	0	%100
91	B56	X	-2.124	-2.124	0	%100
92	B56	Z	-1.226	-1.226	0	%100
93	B57	X	-2.124	-2.124	0	%100
94	B57	Z	-1.226	-1.226	0	%100
95	B58	X	-2.124	-2.124	0	%100
96	B58	Z	-1.226	-1.226	0	%100
97	B59	X	-2.635	-2.635	0	%100
98	B59	Z	-1.521	-1.521	0	%100
99	B60	X	-2.635	-2.635	0	%100
100	B60	Z	-1.521	-1.521	0	%100
101	B61	X	-2.635	-2.635	0	%100
102	B61	Z	-1.521	-1.521	0	%100
103	B62	X	-2.124	-2.124	0	%100
104	B62	Z	-1.226	-1.226	0	%100
105	B63	X	-2.124	-2.124	0	%100
106	B63	Z	-1.226	-1.226	0	%100
107	B64	X	-2.124	-2.124	0	%100
108	B64	Z	-1.226	-1.226	0	%100
109	B65	X	-2.635	-2.635	0	%100
110	B65	Z	-1.521	-1.521	0	%100
111	B66	X	-2.635	-2.635	0	%100
112	B66	Z	-1.521	-1.521	0	%100
113	B67	X	-2.635	-2.635	0	%100
114	B67	Z	-1.521	-1.521	0	%100
115	B68	X	-2.625	-2.625	0	%100
116	B68	Z	-1.516	-1.516	0	%100
117	B69	X	-2.625	-2.625	0	%100
118	B69	Z	-1.516	-1.516	0	%100
119	B70	X	-2.625	-2.625	0	%100
120	B70	Z	-1.516	-1.516	0	%100
121	B71	X	-2.625	-2.625	0	%100
122	B71	Z	-1.516	-1.516	0	%100
123	B72	X	-4.035	-4.035	0	%100
124	B72	Z	-2.329	-2.329	0	%100
125	B73	X	-4.035	-4.035	0	%100
126	B73	Z	-2.329	-2.329	0	%100
127	B74	X	-1.195	-1.195	0	%100
128	B74	Z	-.69	-.69	0	%100
129	B75	X	-2.436	-2.436	0	%100
130	B75	Z	-1.407	-1.407	0	%100
131	B76	X	-1.195	-1.195	0	%100
132	B76	Z	-.69	-.69	0	%100
133	B77	X	-2.436	-2.436	0	%100
134	B77	Z	-1.407	-1.407	0	%100
135	B78	X	-2.963	-2.963	0	%100
136	B78	Z	-1.711	-1.711	0	%100
137	B79	X	-2.963	-2.963	0	%100
138	B79	Z	-1.711	-1.711	0	%100
139	B80	X	-2.723	-2.723	0	%100
140	B80	Z	-1.572	-1.572	0	%100
141	B81	X	-2.723	-2.723	0	%100
142	B81	Z	-1.572	-1.572	0	%100
143	B82	X	-2.285	-2.285	0	%100
144	B82	Z	-1.319	-1.319	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
145	B83	X	-2.285	-2.285	0	%100
146	B83	Z	-1.319	-1.319	0	%100
147	B84	X	-2.009	-2.009	0	%100
148	B84	Z	-1.16	-1.16	0	%100
149	B85	X	-2.009	-2.009	0	%100
150	B85	Z	-1.16	-1.16	0	%100
151	B86	X	-2.406	-2.406	0	%100
152	B86	Z	-1.389	-1.389	0	%100
153	B87	X	-2.406	-2.406	0	%100
154	B87	Z	-1.389	-1.389	0	%100
155	MP1B	X	-3.572	-3.572	0	%100
156	MP1B	Z	-2.063	-2.063	0	%100
157	MP2B	X	-4.116	-4.116	0	%100
158	MP2B	Z	-2.376	-2.376	0	%100
159	MP3B	X	-3.645	-3.645	0	%100
160	MP3B	Z	-2.104	-2.104	0	%100
161	MP4B	X	-3.572	-3.572	0	%100
162	MP4B	Z	-2.063	-2.063	0	%100
163	MP5B	X	-3.572	-3.572	0	%100
164	MP5B	Z	-2.063	-2.063	0	%100
165	C103	X	-.012	-.012	0	%100
166	C103	Z	-.007	-.007	0	%100
167	C104	X	-1.566	-1.566	0	%100
168	C104	Z	-.904	-.904	0	%100
169	C105	X	-.012	-.012	0	%100
170	C105	Z	-.007	-.007	0	%100
171	C106	X	-1.566	-1.566	0	%100
172	C106	Z	-.904	-.904	0	%100
173	C107	X	-3.115	-3.115	0	%100
174	C107	Z	-1.798	-1.798	0	%100
175	C108	X	-3.115	-3.115	0	%100
176	C108	Z	-1.798	-1.798	0	%100
177	C109	X	-3.115	-3.115	0	%100
178	C109	Z	-1.798	-1.798	0	%100
179	C110	X	-1.644	-1.644	0	%100
180	C110	Z	-.949	-.949	0	%100
181	C111	X	-1.644	-1.644	0	%100
182	C111	Z	-.949	-.949	0	%100
183	C112	X	-1.644	-1.644	0	%100
184	C112	Z	-.949	-.949	0	%100
185	C113	X	-3.115	-3.115	0	%100
186	C113	Z	-1.798	-1.798	0	%100
187	C114	X	-3.115	-3.115	0	%100
188	C114	Z	-1.798	-1.798	0	%100
189	C115	X	-3.115	-3.115	0	%100
190	C115	Z	-1.798	-1.798	0	%100
191	C116	X	-1.644	-1.644	0	%100
192	C116	Z	-.949	-.949	0	%100
193	C117	X	-1.644	-1.644	0	%100
194	C117	Z	-.949	-.949	0	%100
195	C118	X	-1.644	-1.644	0	%100
196	C118	Z	-.949	-.949	0	%100
197	C119	X	-2.625	-2.625	0	%100
198	C119	Z	-1.516	-1.516	0	%100
199	C120	X	-2.625	-2.625	0	%100
200	C120	Z	-1.516	-1.516	0	%100
201	C121	X	-2.625	-2.625	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
202	C121	Z	-1.516	-1.516	0	%100
203	C122	X	-2.625	-2.625	0	%100
204	C122	Z	-1.516	-1.516	0	%100
205	C123	X	-1.719	-1.719	0	%100
206	C123	Z	-.992	-.992	0	%100
207	C124	X	-1.719	-1.719	0	%100
208	C124	Z	-.992	-.992	0	%100
209	C125	X	-3.602	-3.602	0	%100
210	C125	Z	-2.08	-2.08	0	%100
211	C126	X	-.027	-.027	0	%100
212	C126	Z	-.016	-.016	0	%100
213	C127	X	-3.602	-3.602	0	%100
214	C127	Z	-2.08	-2.08	0	%100
215	C128	X	-.027	-.027	0	%100
216	C128	Z	-.016	-.016	0	%100
217	C129	X	-1.647	-1.647	0	%100
218	C129	Z	-.951	-.951	0	%100
219	C130	X	-1.647	-1.647	0	%100
220	C130	Z	-.951	-.951	0	%100
221	C131	X	-2.723	-2.723	0	%100
222	C131	Z	-1.572	-1.572	0	%100
223	C132	X	-2.723	-2.723	0	%100
224	C132	Z	-1.572	-1.572	0	%100
225	C133	X	-3.6	-3.6	0	%100
226	C133	Z	-2.078	-2.078	0	%100
227	C134	X	-3.6	-3.6	0	%100
228	C134	Z	-2.078	-2.078	0	%100
229	C135	X	-2.779	-2.779	0	%100
230	C135	Z	-1.604	-1.604	0	%100
231	C136	X	-2.779	-2.779	0	%100
232	C136	Z	-1.604	-1.604	0	%100
233	C137	X	-1.635	-1.635	0	%100
234	C137	Z	-.944	-.944	0	%100
235	C138	X	-1.635	-1.635	0	%100
236	C138	Z	-.944	-.944	0	%100
237	MP1C	X	-3.572	-3.572	0	%100
238	MP1C	Z	-2.063	-2.063	0	%100
239	MP2C	X	-4.116	-4.116	0	%100
240	MP2C	Z	-2.376	-2.376	0	%100
241	MP3C	X	-3.645	-3.645	0	%100
242	MP3C	Z	-2.104	-2.104	0	%100
243	MP4C	X	-3.572	-3.572	0	%100
244	MP4C	Z	-2.063	-2.063	0	%100
245	MP5C	X	-3.572	-3.572	0	%100
246	MP5C	Z	-2.063	-2.063	0	%100
247	M156	X	-.01	-.01	0	%100
248	M156	Z	-.006	-.006	0	%100
249	M155	X	-.421	-.421	0	%100
250	M155	Z	-.243	-.243	0	%100
251	M156A	X	-2.221	-2.221	0	%100
252	M156A	Z	-1.282	-1.282	0	%100
253	M157	X	-3.042	-3.042	0	%100
254	M157	Z	-1.757	-1.757	0	%100
255	M158	X	-1.627	-1.627	0	%100
256	M158	Z	-.939	-.939	0	%100
257	M159	X	-3.808	-3.808	0	%100
258	M159	Z	-2.199	-2.199	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.85	-.85	0	%100
2	A1	Z	-1.472	-1.472	0	%100
3	A2	X	-.061	-.061	0	%100
4	A2	Z	-.106	-.106	0	%100
5	A3	X	-.85	-.85	0	%100
6	A3	Z	-1.472	-1.472	0	%100
7	A4	X	-.061	-.061	0	%100
8	A4	Z	-.106	-.106	0	%100
9	A5	X	-1	-1	0	%100
10	A5	Z	-1.732	-1.732	0	%100
11	A6	X	-1	-1	0	%100
12	A6	Z	-1.732	-1.732	0	%100
13	A7	X	-1	-1	0	%100
14	A7	Z	-1.732	-1.732	0	%100
15	A8	X	-1.747	-1.747	0	%100
16	A8	Z	-3.026	-3.026	0	%100
17	A9	X	-1.747	-1.747	0	%100
18	A9	Z	-3.026	-3.026	0	%100
19	A10	X	-1.747	-1.747	0	%100
20	A10	Z	-3.026	-3.026	0	%100
21	A11	X	-1	-1	0	%100
22	A11	Z	-1.732	-1.732	0	%100
23	A12	X	-1	-1	0	%100
24	A12	Z	-1.732	-1.732	0	%100
25	A13	X	-1	-1	0	%100
26	A13	Z	-1.732	-1.732	0	%100
27	A14	X	-1.747	-1.747	0	%100
28	A14	Z	-3.026	-3.026	0	%100
29	A15	X	-1.747	-1.747	0	%100
30	A15	Z	-3.026	-3.026	0	%100
31	A16	X	-1.747	-1.747	0	%100
32	A16	Z	-3.026	-3.026	0	%100
33	A17	X	-1.516	-1.516	0	%100
34	A17	Z	-2.625	-2.625	0	%100
35	A18	X	-1.516	-1.516	0	%100
36	A18	Z	-2.625	-2.625	0	%100
37	A19	X	-1.516	-1.516	0	%100
38	A19	Z	-2.625	-2.625	0	%100
39	A20	X	-1.516	-1.516	0	%100
40	A20	Z	-2.625	-2.625	0	%100
41	A21	X	-1.801	-1.801	0	%100
42	A21	Z	-3.12	-3.12	0	%100
43	A22	X	-1.801	-1.801	0	%100
44	A22	Z	-3.12	-3.12	0	%100
45	A23	X	-.141	-.141	0	%100
46	A23	Z	-.243	-.243	0	%100
47	A24	X	-1.955	-1.955	0	%100
48	A24	Z	-3.387	-3.387	0	%100
49	A25	X	-.141	-.141	0	%100
50	A25	Z	-.243	-.243	0	%100
51	A26	X	-1.955	-1.955	0	%100
52	A26	Z	-3.387	-3.387	0	%100
53	A27	X	-2.01	-2.01	0	%100
54	A27	Z	-3.482	-3.482	0	%100
55	A28	X	-2.01	-2.01	0	%100
56	A28	Z	-3.482	-3.482	0	%100
57	A29	X	-1.572	-1.572	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	A29	Z	-2.723	-2.723	0	%100
59	A30	X	-1.572	-1.572	0	%100
60	A30	Z	-2.723	-2.723	0	%100
61	A31	X	-1.019	-1.019	0	%100
62	A31	Z	-1.765	-1.765	0	%100
63	A32	X	-1.019	-1.019	0	%100
64	A32	Z	-1.765	-1.765	0	%100
65	A33	X	-.984	-.984	0	%100
66	A33	Z	-1.704	-1.704	0	%100
67	A34	X	-.984	-.984	0	%100
68	A34	Z	-1.704	-1.704	0	%100
69	A35	X	-1.564	-1.564	0	%100
70	A35	Z	-2.71	-2.71	0	%100
71	A36	X	-1.564	-1.564	0	%100
72	A36	Z	-2.71	-2.71	0	%100
73	MP1A	X	-2.063	-2.063	0	%100
74	MP1A	Z	-3.572	-3.572	0	%100
75	MP2A	X	-2.376	-2.376	0	%100
76	MP2A	Z	-4.116	-4.116	0	%100
77	MP3A	X	-2.104	-2.104	0	%100
78	MP3A	Z	-3.645	-3.645	0	%100
79	MP4A	X	-2.063	-2.063	0	%100
80	MP4A	Z	-3.572	-3.572	0	%100
81	MP5A	X	-2.063	-2.063	0	%100
82	MP5A	Z	-3.572	-3.572	0	%100
83	B52	X	-.163	-.163	0	%100
84	B52	Z	-.282	-.282	0	%100
85	B53	X	-.748	-.748	0	%100
86	B53	Z	-1.296	-1.296	0	%100
87	B54	X	-.163	-.163	0	%100
88	B54	Z	-.282	-.282	0	%100
89	B55	X	-.748	-.748	0	%100
90	B55	Z	-1.296	-1.296	0	%100
91	B56	X	-1.651	-1.651	0	%100
92	B56	Z	-2.859	-2.859	0	%100
93	B57	X	-1.651	-1.651	0	%100
94	B57	Z	-2.859	-2.859	0	%100
95	B58	X	-1.651	-1.651	0	%100
96	B58	Z	-2.859	-2.859	0	%100
97	B59	X	-1.096	-1.096	0	%100
98	B59	Z	-1.899	-1.899	0	%100
99	B60	X	-1.096	-1.096	0	%100
100	B60	Z	-1.899	-1.899	0	%100
101	B61	X	-1.096	-1.096	0	%100
102	B61	Z	-1.899	-1.899	0	%100
103	B62	X	-1.651	-1.651	0	%100
104	B62	Z	-2.859	-2.859	0	%100
105	B63	X	-1.651	-1.651	0	%100
106	B63	Z	-2.859	-2.859	0	%100
107	B64	X	-1.651	-1.651	0	%100
108	B64	Z	-2.859	-2.859	0	%100
109	B65	X	-1.096	-1.096	0	%100
110	B65	Z	-1.899	-1.899	0	%100
111	B66	X	-1.096	-1.096	0	%100
112	B66	Z	-1.899	-1.899	0	%100
113	B67	X	-1.096	-1.096	0	%100
114	B67	Z	-1.899	-1.899	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	B68	X	-1.516	-1.516	0	%100
116	B68	Z	-2.625	-2.625	0	%100
117	B69	X	-1.516	-1.516	0	%100
118	B69	Z	-2.625	-2.625	0	%100
119	B70	X	-1.516	-1.516	0	%100
120	B70	Z	-2.625	-2.625	0	%100
121	B71	X	-1.516	-1.516	0	%100
122	B71	Z	-2.625	-2.625	0	%100
123	B72	X	-2.121	-2.121	0	%100
124	B72	Z	-3.674	-3.674	0	%100
125	B73	X	-2.121	-2.121	0	%100
126	B73	Z	-3.674	-3.674	0	%100
127	B74	X	-1.722	-1.722	0	%100
128	B74	Z	-2.982	-2.982	0	%100
129	B75	X	-.375	-.375	0	%100
130	B75	Z	-.649	-.649	0	%100
131	B76	X	-1.722	-1.722	0	%100
132	B76	Z	-2.982	-2.982	0	%100
133	B77	X	-.375	-.375	0	%100
134	B77	Z	-.649	-.649	0	%100
135	B78	X	-1.147	-1.147	0	%100
136	B78	Z	-1.986	-1.986	0	%100
137	B79	X	-1.147	-1.147	0	%100
138	B79	Z	-1.986	-1.986	0	%100
139	B80	X	-1.572	-1.572	0	%100
140	B80	Z	-2.723	-2.723	0	%100
141	B81	X	-1.572	-1.572	0	%100
142	B81	Z	-2.723	-2.723	0	%100
143	B82	X	-1.883	-1.883	0	%100
144	B82	Z	-3.261	-3.261	0	%100
145	B83	X	-1.883	-1.883	0	%100
146	B83	Z	-3.261	-3.261	0	%100
147	B84	X	-1.49	-1.49	0	%100
148	B84	Z	-2.58	-2.58	0	%100
149	B85	X	-1.49	-1.49	0	%100
150	B85	Z	-2.58	-2.58	0	%100
151	B86	X	-1.059	-1.059	0	%100
152	B86	Z	-1.834	-1.834	0	%100
153	B87	X	-1.059	-1.059	0	%100
154	B87	Z	-1.834	-1.834	0	%100
155	MP1B	X	-2.063	-2.063	0	%100
156	MP1B	Z	-3.572	-3.572	0	%100
157	MP2B	X	-2.376	-2.376	0	%100
158	MP2B	Z	-4.116	-4.116	0	%100
159	MP3B	X	-2.104	-2.104	0	%100
160	MP3B	Z	-3.645	-3.645	0	%100
161	MP4B	X	-2.063	-2.063	0	%100
162	MP4B	Z	-3.572	-3.572	0	%100
163	MP5B	X	-2.063	-2.063	0	%100
164	MP5B	Z	-3.572	-3.572	0	%100
165	C103	X	-.3	-.3	0	%100
166	C103	Z	-.519	-.519	0	%100
167	C104	X	-.611	-.611	0	%100
168	C104	Z	-1.059	-1.059	0	%100
169	C105	X	-.3	-.3	0	%100
170	C105	Z	-.519	-.519	0	%100
171	C106	X	-.611	-.611	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
172	C106	Z	-1.059	-1.059	0	%100
173	C107	X	-1.521	-1.521	0	%100
174	C107	Z	-2.635	-2.635	0	%100
175	C108	X	-1.521	-1.521	0	%100
176	C108	Z	-2.635	-2.635	0	%100
177	C109	X	-1.521	-1.521	0	%100
178	C109	Z	-2.635	-2.635	0	%100
179	C110	X	-1.226	-1.226	0	%100
180	C110	Z	-2.124	-2.124	0	%100
181	C111	X	-1.226	-1.226	0	%100
182	C111	Z	-2.124	-2.124	0	%100
183	C112	X	-1.226	-1.226	0	%100
184	C112	Z	-2.124	-2.124	0	%100
185	C113	X	-1.521	-1.521	0	%100
186	C113	Z	-2.635	-2.635	0	%100
187	C114	X	-1.521	-1.521	0	%100
188	C114	Z	-2.635	-2.635	0	%100
189	C115	X	-1.521	-1.521	0	%100
190	C115	Z	-2.635	-2.635	0	%100
191	C116	X	-1.226	-1.226	0	%100
192	C116	Z	-2.124	-2.124	0	%100
193	C117	X	-1.226	-1.226	0	%100
194	C117	Z	-2.124	-2.124	0	%100
195	C118	X	-1.226	-1.226	0	%100
196	C118	Z	-2.124	-2.124	0	%100
197	C119	X	-1.516	-1.516	0	%100
198	C119	Z	-2.625	-2.625	0	%100
199	C120	X	-1.516	-1.516	0	%100
200	C120	Z	-2.625	-2.625	0	%100
201	C121	X	-1.516	-1.516	0	%100
202	C121	Z	-2.625	-2.625	0	%100
203	C122	X	-1.516	-1.516	0	%100
204	C122	Z	-2.625	-2.625	0	%100
205	C123	X	-.072	-.072	0	%100
206	C123	Z	-.125	-.125	0	%100
207	C124	X	-.072	-.072	0	%100
208	C124	Z	-.125	-.125	0	%100
209	C125	X	-1.406	-1.406	0	%100
210	C125	Z	-2.435	-2.435	0	%100
211	C126	X	-.689	-.689	0	%100
212	C126	Z	-1.194	-1.194	0	%100
213	C127	X	-1.406	-1.406	0	%100
214	C127	Z	-2.435	-2.435	0	%100
215	C128	X	-.689	-.689	0	%100
216	C128	Z	-1.194	-1.194	0	%100
217	C129	X	-1.319	-1.319	0	%100
218	C129	Z	-2.285	-2.285	0	%100
219	C130	X	-1.319	-1.319	0	%100
220	C130	Z	-2.285	-2.285	0	%100
221	C131	X	-1.572	-1.572	0	%100
222	C131	Z	-2.723	-2.723	0	%100
223	C132	X	-1.572	-1.572	0	%100
224	C132	Z	-2.723	-2.723	0	%100
225	C133	X	-1.711	-1.711	0	%100
226	C133	Z	-2.963	-2.963	0	%100
227	C134	X	-1.711	-1.711	0	%100
228	C134	Z	-2.963	-2.963	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
229	C135	X	-1.389	-1.389	0	%100
230	C135	Z	-2.405	-2.405	0	%100
231	C136	X	-1.389	-1.389	0	%100
232	C136	Z	-2.405	-2.405	0	%100
233	C137	X	-1.159	-1.159	0	%100
234	C137	Z	-2.008	-2.008	0	%100
235	C138	X	-1.159	-1.159	0	%100
236	C138	Z	-2.008	-2.008	0	%100
237	MP1C	X	-2.063	-2.063	0	%100
238	MP1C	Z	-3.572	-3.572	0	%100
239	MP2C	X	-2.376	-2.376	0	%100
240	MP2C	Z	-4.116	-4.116	0	%100
241	MP3C	X	-2.104	-2.104	0	%100
242	MP3C	Z	-3.645	-3.645	0	%100
243	MP4C	X	-2.063	-2.063	0	%100
244	MP4C	Z	-3.572	-3.572	0	%100
245	MP5C	X	-2.063	-2.063	0	%100
246	MP5C	Z	-3.572	-3.572	0	%100
247	M156	X	-.656	-.656	0	%100
248	M156	Z	-1.136	-1.136	0	%100
249	M155	X	-1.274	-1.274	0	%100
250	M155	Z	-2.207	-2.207	0	%100
251	M156A	X	-.248	-.248	0	%100
252	M156A	Z	-.43	-.43	0	%100
253	M157	X	-2.208	-2.208	0	%100
254	M157	Z	-3.824	-3.824	0	%100
255	M158	X	-.076	-.076	0	%100
256	M158	Z	-.131	-.131	0	%100
257	M159	X	-1.811	-1.811	0	%100
258	M159	Z	-3.137	-3.137	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	0	0	0	%100
2	A1	Z	-.051	-.051	0	%100
3	A2	X	0	0	0	%100
4	A2	Z	-.051	-.051	0	%100
5	A3	X	0	0	0	%100
6	A3	Z	-.051	-.051	0	%100
7	A4	X	0	0	0	%100
8	A4	Z	-.051	-.051	0	%100
9	A5	X	0	0	0	%100
10	A5	Z	-.435	-.435	0	%100
11	A6	X	0	0	0	%100
12	A6	Z	-.435	-.435	0	%100
13	A7	X	0	0	0	%100
14	A7	Z	-.435	-.435	0	%100
15	A8	X	0	0	0	%100
16	A8	Z	-.435	-.435	0	%100
17	A9	X	0	0	0	%100
18	A9	Z	-.435	-.435	0	%100
19	A10	X	0	0	0	%100
20	A10	Z	-.435	-.435	0	%100
21	A11	X	0	0	0	%100
22	A11	Z	-.435	-.435	0	%100
23	A12	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
24	A12	Z	-.435	-.435	0	%100
25	A13	X	0	0	0	%100
26	A13	Z	-.435	-.435	0	%100
27	A14	X	0	0	0	%100
28	A14	Z	-.435	-.435	0	%100
29	A15	X	0	0	0	%100
30	A15	Z	-.435	-.435	0	%100
31	A16	X	0	0	0	%100
32	A16	Z	-.435	-.435	0	%100
33	A17	X	0	0	0	%100
34	A17	Z	-.409	-.409	0	%100
35	A18	X	0	0	0	%100
36	A18	Z	-.409	-.409	0	%100
37	A19	X	0	0	0	%100
38	A19	Z	-.409	-.409	0	%100
39	A20	X	0	0	0	%100
40	A20	Z	-.409	-.409	0	%100
41	A21	X	0	0	0	%100
42	A21	Z	-.779	-.779	0	%100
43	A22	X	0	0	0	%100
44	A22	Z	-.779	-.779	0	%100
45	A23	X	0	0	0	%100
46	A23	Z	-.322	-.322	0	%100
47	A24	X	0	0	0	%100
48	A24	Z	-.322	-.322	0	%100
49	A25	X	0	0	0	%100
50	A25	Z	-.322	-.322	0	%100
51	A26	X	0	0	0	%100
52	A26	Z	-.322	-.322	0	%100
53	A27	X	0	0	0	%100
54	A27	Z	-.536	-.536	0	%100
55	A28	X	0	0	0	%100
56	A28	Z	-.536	-.536	0	%100
57	A29	X	0	0	0	%100
58	A29	Z	-.484	-.484	0	%100
59	A30	X	0	0	0	%100
60	A30	Z	-.484	-.484	0	%100
61	A31	X	0	0	0	%100
62	A31	Z	-.536	-.536	0	%100
63	A32	X	0	0	0	%100
64	A32	Z	-.536	-.536	0	%100
65	A33	X	0	0	0	%100
66	A33	Z	-.335	-.335	0	%100
67	A34	X	0	0	0	%100
68	A34	Z	-.335	-.335	0	%100
69	A35	X	0	0	0	%100
70	A35	Z	-.335	-.335	0	%100
71	A36	X	0	0	0	%100
72	A36	Z	-.335	-.335	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	-.644	-.644	0	%100
75	MP2A	X	0	0	0	%100
76	MP2A	Z	-.779	-.779	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-.644	-.644	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	-.644	-.644	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
81	MP5A	X	0	0	0	%100
82	MP5A	Z	-.644	-.644	0	%100
83	B52	X	0	0	0	%100
84	B52	Z	-.000769	-.000769	0	%100
85	B53	X	0	0	0	%100
86	B53	Z	-.101	-.101	0	%100
87	B54	X	0	0	0	%100
88	B54	Z	-.000769	-.000769	0	%100
89	B55	X	0	0	0	%100
90	B55	Z	-.101	-.101	0	%100
91	B56	X	0	0	0	%100
92	B56	Z	-.74	-.74	0	%100
93	B57	X	0	0	0	%100
94	B57	Z	-.74	-.74	0	%100
95	B58	X	0	0	0	%100
96	B58	Z	-.74	-.74	0	%100
97	B59	X	0	0	0	%100
98	B59	Z	-.129	-.129	0	%100
99	B60	X	0	0	0	%100
100	B60	Z	-.129	-.129	0	%100
101	B61	X	0	0	0	%100
102	B61	Z	-.129	-.129	0	%100
103	B62	X	0	0	0	%100
104	B62	Z	-.74	-.74	0	%100
105	B63	X	0	0	0	%100
106	B63	Z	-.74	-.74	0	%100
107	B64	X	0	0	0	%100
108	B64	Z	-.74	-.74	0	%100
109	B65	X	0	0	0	%100
110	B65	Z	-.129	-.129	0	%100
111	B66	X	0	0	0	%100
112	B66	Z	-.129	-.129	0	%100
113	B67	X	0	0	0	%100
114	B67	Z	-.129	-.129	0	%100
115	B68	X	0	0	0	%100
116	B68	Z	-.409	-.409	0	%100
117	B69	X	0	0	0	%100
118	B69	Z	-.409	-.409	0	%100
119	B70	X	0	0	0	%100
120	B70	Z	-.409	-.409	0	%100
121	B71	X	0	0	0	%100
122	B71	Z	-.409	-.409	0	%100
123	B72	X	0	0	0	%100
124	B72	Z	-.322	-.322	0	%100
125	B73	X	0	0	0	%100
126	B73	Z	-.322	-.322	0	%100
127	B74	X	0	0	0	%100
128	B74	Z	-.639	-.639	0	%100
129	B75	X	0	0	0	%100
130	B75	Z	-.005	-.005	0	%100
131	B76	X	0	0	0	%100
132	B76	Z	-.639	-.639	0	%100
133	B77	X	0	0	0	%100
134	B77	Z	-.005	-.005	0	%100
135	B78	X	0	0	0	%100
136	B78	Z	-.13	-.13	0	%100
137	B79	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
138	B79	Z	-.13	-.13	0	%100
139	B80	X	0	0	0	%100
140	B80	Z	-.484	-.484	0	%100
141	B81	X	0	0	0	%100
142	B81	Z	-.484	-.484	0	%100
143	B82	X	0	0	0	%100
144	B82	Z	-.942	-.942	0	%100
145	B83	X	0	0	0	%100
146	B83	Z	-.942	-.942	0	%100
147	B84	X	0	0	0	%100
148	B84	Z	-.422	-.422	0	%100
149	B85	X	0	0	0	%100
150	B85	Z	-.422	-.422	0	%100
151	B86	X	0	0	0	%100
152	B86	Z	-.248	-.248	0	%100
153	B87	X	0	0	0	%100
154	B87	Z	-.248	-.248	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	-.644	-.644	0	%100
157	MP2B	X	0	0	0	%100
158	MP2B	Z	-.779	-.779	0	%100
159	MP3B	X	0	0	0	%100
160	MP3B	Z	-.644	-.644	0	%100
161	MP4B	X	0	0	0	%100
162	MP4B	Z	-.644	-.644	0	%100
163	MP5B	X	0	0	0	%100
164	MP5B	Z	-.644	-.644	0	%100
165	C103	X	0	0	0	%100
166	C103	Z	-.083	-.083	0	%100
167	C104	X	0	0	0	%100
168	C104	Z	-.018	-.018	0	%100
169	C105	X	0	0	0	%100
170	C105	Z	-.083	-.083	0	%100
171	C106	X	0	0	0	%100
172	C106	Z	-.018	-.018	0	%100
173	C107	X	0	0	0	%100
174	C107	Z	-.235	-.235	0	%100
175	C108	X	0	0	0	%100
176	C108	Z	-.235	-.235	0	%100
177	C109	X	0	0	0	%100
178	C109	Z	-.235	-.235	0	%100
179	C110	X	0	0	0	%100
180	C110	Z	-.634	-.634	0	%100
181	C111	X	0	0	0	%100
182	C111	Z	-.634	-.634	0	%100
183	C112	X	0	0	0	%100
184	C112	Z	-.634	-.634	0	%100
185	C113	X	0	0	0	%100
186	C113	Z	-.235	-.235	0	%100
187	C114	X	0	0	0	%100
188	C114	Z	-.235	-.235	0	%100
189	C115	X	0	0	0	%100
190	C115	Z	-.235	-.235	0	%100
191	C116	X	0	0	0	%100
192	C116	Z	-.634	-.634	0	%100
193	C117	X	0	0	0	%100
194	C117	Z	-.634	-.634	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
195	C118	X	0	0	0	%100
196	C118	Z	-.634	-.634	0	%100
197	C119	X	0	0	0	%100
198	C119	Z	-.409	-.409	0	%100
199	C120	X	0	0	0	%100
200	C120	Z	-.409	-.409	0	%100
201	C121	X	0	0	0	%100
202	C121	Z	-.409	-.409	0	%100
203	C122	X	0	0	0	%100
204	C122	Z	-.409	-.409	0	%100
205	C123	X	0	0	0	%100
206	C123	Z	-.091	-.091	0	%100
207	C124	X	0	0	0	%100
208	C124	Z	-.091	-.091	0	%100
209	C125	X	0	0	0	%100
210	C125	Z	-.115	-.115	0	%100
211	C126	X	0	0	0	%100
212	C126	Z	-.529	-.529	0	%100
213	C127	X	0	0	0	%100
214	C127	Z	-.115	-.115	0	%100
215	C128	X	0	0	0	%100
216	C128	Z	-.529	-.529	0	%100
217	C129	X	0	0	0	%100
218	C129	Z	-.801	-.801	0	%100
219	C130	X	0	0	0	%100
220	C130	Z	-.801	-.801	0	%100
221	C131	X	0	0	0	%100
222	C131	Z	-.484	-.484	0	%100
223	C132	X	0	0	0	%100
224	C132	Z	-.484	-.484	0	%100
225	C133	X	0	0	0	%100
226	C133	Z	-.271	-.271	0	%100
227	C134	X	0	0	0	%100
228	C134	Z	-.271	-.271	0	%100
229	C135	X	0	0	0	%100
230	C135	Z	-.279	-.279	0	%100
231	C136	X	0	0	0	%100
232	C136	Z	-.279	-.279	0	%100
233	C137	X	0	0	0	%100
234	C137	Z	-.392	-.392	0	%100
235	C138	X	0	0	0	%100
236	C138	Z	-.392	-.392	0	%100
237	MP1C	X	0	0	0	%100
238	MP1C	Z	-.644	-.644	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	-.779	-.779	0	%100
241	MP3C	X	0	0	0	%100
242	MP3C	Z	-.644	-.644	0	%100
243	MP4C	X	0	0	0	%100
244	MP4C	Z	-.644	-.644	0	%100
245	MP5C	X	0	0	0	%100
246	MP5C	Z	-.644	-.644	0	%100
247	M156	X	0	0	0	%100
248	M156	Z	-.511	-.511	0	%100
249	M155	X	0	0	0	%100
250	M155	Z	-.622	-.622	0	%100
251	M156A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
252	M156A	Z	-.021	-.021	0	%100
253	M157	X	0	0	0	%100
254	M157	Z	-.453	-.453	0	%100
255	M158	X	0	0	0	%100
256	M158	Z	-.071	-.071	0	%100
257	M159	X	0	0	0	%100
258	M159	Z	-.209	-.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.003	.003	0	%100
2	A1	Z	-.006	-.006	0	%100
3	A2	X	.047	.047	0	%100
4	A2	Z	-.082	-.082	0	%100
5	A3	X	.003	.003	0	%100
6	A3	Z	-.006	-.006	0	%100
7	A4	X	.047	.047	0	%100
8	A4	Z	-.082	-.082	0	%100
9	A5	X	.352	.352	0	%100
10	A5	Z	-.609	-.609	0	%100
11	A6	X	.352	.352	0	%100
12	A6	Z	-.609	-.609	0	%100
13	A7	X	.352	.352	0	%100
14	A7	Z	-.609	-.609	0	%100
15	A8	X	.083	.083	0	%100
16	A8	Z	-.144	-.144	0	%100
17	A9	X	.083	.083	0	%100
18	A9	Z	-.144	-.144	0	%100
19	A10	X	.083	.083	0	%100
20	A10	Z	-.144	-.144	0	%100
21	A11	X	.352	.352	0	%100
22	A11	Z	-.609	-.609	0	%100
23	A12	X	.352	.352	0	%100
24	A12	Z	-.609	-.609	0	%100
25	A13	X	.352	.352	0	%100
26	A13	Z	-.609	-.609	0	%100
27	A14	X	.083	.083	0	%100
28	A14	Z	-.144	-.144	0	%100
29	A15	X	.083	.083	0	%100
30	A15	Z	-.144	-.144	0	%100
31	A16	X	.083	.083	0	%100
32	A16	Z	-.144	-.144	0	%100
33	A17	X	.205	.205	0	%100
34	A17	Z	-.354	-.354	0	%100
35	A18	X	.205	.205	0	%100
36	A18	Z	-.354	-.354	0	%100
37	A19	X	.205	.205	0	%100
38	A19	Z	-.354	-.354	0	%100
39	A20	X	.205	.205	0	%100
40	A20	Z	-.354	-.354	0	%100
41	A21	X	.292	.292	0	%100
42	A21	Z	-.506	-.506	0	%100
43	A22	X	.292	.292	0	%100
44	A22	Z	-.506	-.506	0	%100
45	A23	X	.3	.3	0	%100
46	A23	Z	-.52	-.52	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
47	A24	X	.022	.022	0	%100
48	A24	Z	-.037	-.037	0	%100
49	A25	X	.3	.3	0	%100
50	A25	Z	-.52	-.52	0	%100
51	A26	X	.022	.022	0	%100
52	A26	Z	-.037	-.037	0	%100
53	A27	X	.09	.09	0	%100
54	A27	Z	-.155	-.155	0	%100
55	A28	X	.09	.09	0	%100
56	A28	Z	-.155	-.155	0	%100
57	A29	X	.242	.242	0	%100
58	A29	Z	-.419	-.419	0	%100
59	A30	X	.242	.242	0	%100
60	A30	Z	-.419	-.419	0	%100
61	A31	X	.447	.447	0	%100
62	A31	Z	-.773	-.773	0	%100
63	A32	X	.447	.447	0	%100
64	A32	Z	-.773	-.773	0	%100
65	A33	X	.206	.206	0	%100
66	A33	Z	-.356	-.356	0	%100
67	A34	X	.206	.206	0	%100
68	A34	Z	-.356	-.356	0	%100
69	A35	X	.129	.129	0	%100
70	A35	Z	-.224	-.224	0	%100
71	A36	X	.129	.129	0	%100
72	A36	Z	-.224	-.224	0	%100
73	MP1A	X	.322	.322	0	%100
74	MP1A	Z	-.557	-.557	0	%100
75	MP2A	X	.389	.389	0	%100
76	MP2A	Z	-.675	-.675	0	%100
77	MP3A	X	.322	.322	0	%100
78	MP3A	Z	-.557	-.557	0	%100
79	MP4A	X	.322	.322	0	%100
80	MP4A	Z	-.557	-.557	0	%100
81	MP5A	X	.322	.322	0	%100
82	MP5A	Z	-.557	-.557	0	%100
83	B52	X	.017	.017	0	%100
84	B52	Z	-.029	-.029	0	%100
85	B53	X	.034	.034	0	%100
86	B53	Z	-.059	-.059	0	%100
87	B54	X	.017	.017	0	%100
88	B54	Z	-.029	-.029	0	%100
89	B55	X	.034	.034	0	%100
90	B55	Z	-.059	-.059	0	%100
91	B56	X	.27	.27	0	%100
92	B56	Z	-.468	-.468	0	%100
93	B57	X	.27	.27	0	%100
94	B57	Z	-.468	-.468	0	%100
95	B58	X	.27	.27	0	%100
96	B58	Z	-.468	-.468	0	%100
97	B59	X	.164	.164	0	%100
98	B59	Z	-.284	-.284	0	%100
99	B60	X	.164	.164	0	%100
100	B60	Z	-.284	-.284	0	%100
101	B61	X	.164	.164	0	%100
102	B61	Z	-.284	-.284	0	%100
103	B62	X	.27	.27	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
104	B62	Z	-.468	-.468	0	%100
105	B63	X	.27	.27	0	%100
106	B63	Z	-.468	-.468	0	%100
107	B64	X	.27	.27	0	%100
108	B64	Z	-.468	-.468	0	%100
109	B65	X	.164	.164	0	%100
110	B65	Z	-.284	-.284	0	%100
111	B66	X	.164	.164	0	%100
112	B66	Z	-.284	-.284	0	%100
113	B67	X	.164	.164	0	%100
114	B67	Z	-.284	-.284	0	%100
115	B68	X	.205	.205	0	%100
116	B68	Z	-.354	-.354	0	%100
117	B69	X	.205	.205	0	%100
118	B69	Z	-.354	-.354	0	%100
119	B70	X	.205	.205	0	%100
120	B70	Z	-.354	-.354	0	%100
121	B71	X	.205	.205	0	%100
122	B71	Z	-.354	-.354	0	%100
123	B72	X	.012	.012	0	%100
124	B72	Z	-.02	-.02	0	%100
125	B73	X	.012	.012	0	%100
126	B73	Z	-.02	-.02	0	%100
127	B74	X	.216	.216	0	%100
128	B74	Z	-.374	-.374	0	%100
129	B75	X	.106	.106	0	%100
130	B75	Z	-.183	-.183	0	%100
131	B76	X	.216	.216	0	%100
132	B76	Z	-.374	-.374	0	%100
133	B77	X	.106	.106	0	%100
134	B77	Z	-.183	-.183	0	%100
135	B78	X	.198	.198	0	%100
136	B78	Z	-.342	-.342	0	%100
137	B79	X	.198	.198	0	%100
138	B79	Z	-.342	-.342	0	%100
139	B80	X	.242	.242	0	%100
140	B80	Z	-.419	-.419	0	%100
141	B81	X	.242	.242	0	%100
142	B81	Z	-.419	-.419	0	%100
143	B82	X	.339	.339	0	%100
144	B82	Z	-.586	-.586	0	%100
145	B83	X	.339	.339	0	%100
146	B83	Z	-.586	-.586	0	%100
147	B84	X	.183	.183	0	%100
148	B84	Z	-.316	-.316	0	%100
149	B85	X	.183	.183	0	%100
150	B85	Z	-.316	-.316	0	%100
151	B86	X	.153	.153	0	%100
152	B86	Z	-.264	-.264	0	%100
153	B87	X	.153	.153	0	%100
154	B87	Z	-.264	-.264	0	%100
155	MP1B	X	.322	.322	0	%100
156	MP1B	Z	-.557	-.557	0	%100
157	MP2B	X	.389	.389	0	%100
158	MP2B	Z	-.675	-.675	0	%100
159	MP3B	X	.322	.322	0	%100
160	MP3B	Z	-.557	-.557	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
161	MP4B	X	.322	.322	0	%100
162	MP4B	Z	-.557	-.557	0	%100
163	MP5B	X	.322	.322	0	%100
164	MP5B	Z	-.557	-.557	0	%100
165	C103	X	.05	.05	0	%100
166	C103	Z	-.087	-.087	0	%100
167	C104	X	.000387	.000387	0	%100
168	C104	Z	-.000671	-.000671	0	%100
169	C105	X	.05	.05	0	%100
170	C105	Z	-.087	-.087	0	%100
171	C106	X	.000387	.000387	0	%100
172	C106	Z	-.000671	-.000671	0	%100
173	C107	X	.064	.064	0	%100
174	C107	Z	-.112	-.112	0	%100
175	C108	X	.064	.064	0	%100
176	C108	Z	-.112	-.112	0	%100
177	C109	X	.064	.064	0	%100
178	C109	Z	-.112	-.112	0	%100
179	C110	X	.37	.37	0	%100
180	C110	Z	-.641	-.641	0	%100
181	C111	X	.37	.37	0	%100
182	C111	Z	-.641	-.641	0	%100
183	C112	X	.37	.37	0	%100
184	C112	Z	-.641	-.641	0	%100
185	C113	X	.064	.064	0	%100
186	C113	Z	-.112	-.112	0	%100
187	C114	X	.064	.064	0	%100
188	C114	Z	-.112	-.112	0	%100
189	C115	X	.064	.064	0	%100
190	C115	Z	-.112	-.112	0	%100
191	C116	X	.37	.37	0	%100
192	C116	Z	-.641	-.641	0	%100
193	C117	X	.37	.37	0	%100
194	C117	Z	-.641	-.641	0	%100
195	C118	X	.37	.37	0	%100
196	C118	Z	-.641	-.641	0	%100
197	C119	X	.205	.205	0	%100
198	C119	Z	-.354	-.354	0	%100
199	C120	X	.205	.205	0	%100
200	C120	Z	-.354	-.354	0	%100
201	C121	X	.205	.205	0	%100
202	C121	Z	-.354	-.354	0	%100
203	C122	X	.205	.205	0	%100
204	C122	Z	-.354	-.354	0	%100
205	C123	X	.229	.229	0	%100
206	C123	Z	-.396	-.396	0	%100
207	C124	X	.229	.229	0	%100
208	C124	Z	-.396	-.396	0	%100
209	C125	X	.002	.002	0	%100
210	C125	Z	-.004	-.004	0	%100
211	C126	X	.319	.319	0	%100
212	C126	Z	-.553	-.553	0	%100
213	C127	X	.002	.002	0	%100
214	C127	Z	-.004	-.004	0	%100
215	C128	X	.319	.319	0	%100
216	C128	Z	-.553	-.553	0	%100
217	C129	X	.471	.471	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
218	C129	Z	-.816	-.816	0	%100
219	C130	X	.471	.471	0	%100
220	C130	Z	-.816	-.816	0	%100
221	C131	X	.242	.242	0	%100
222	C131	Z	-.419	-.419	0	%100
223	C132	X	.242	.242	0	%100
224	C132	Z	-.419	-.419	0	%100
225	C133	X	.065	.065	0	%100
226	C133	Z	-.113	-.113	0	%100
227	C134	X	.065	.065	0	%100
228	C134	Z	-.113	-.113	0	%100
229	C135	X	.124	.124	0	%100
230	C135	Z	-.215	-.215	0	%100
231	C136	X	.124	.124	0	%100
232	C136	Z	-.215	-.215	0	%100
233	C137	X	.211	.211	0	%100
234	C137	Z	-.365	-.365	0	%100
235	C138	X	.211	.211	0	%100
236	C138	Z	-.365	-.365	0	%100
237	MP1C	X	.322	.322	0	%100
238	MP1C	Z	-.557	-.557	0	%100
239	MP2C	X	.389	.389	0	%100
240	MP2C	Z	-.675	-.675	0	%100
241	MP3C	X	.322	.322	0	%100
242	MP3C	Z	-.557	-.557	0	%100
243	MP4C	X	.322	.322	0	%100
244	MP4C	Z	-.557	-.557	0	%100
245	MP5C	X	.322	.322	0	%100
246	MP5C	Z	-.557	-.557	0	%100
247	M156	X	.321	.321	0	%100
248	M156	Z	-.556	-.556	0	%100
249	M155	X	.286	.286	0	%100
250	M155	Z	-.496	-.496	0	%100
251	M156A	X	.135	.135	0	%100
252	M156A	Z	-.235	-.235	0	%100
253	M157	X	.066	.066	0	%100
254	M157	Z	-.115	-.115	0	%100
255	M158	X	.185	.185	0	%100
256	M158	Z	-.321	-.321	0	%100
257	M159	X	.002	.002	0	%100
258	M159	Z	-.004	-.004	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.006	.006	0	%100
2	A1	Z	-.003	-.003	0	%100
3	A2	X	.082	.082	0	%100
4	A2	Z	-.047	-.047	0	%100
5	A3	X	.006	.006	0	%100
6	A3	Z	-.003	-.003	0	%100
7	A4	X	.082	.082	0	%100
8	A4	Z	-.047	-.047	0	%100
9	A5	X	.609	.609	0	%100
10	A5	Z	-.352	-.352	0	%100
11	A6	X	.609	.609	0	%100
12	A6	Z	-.352	-.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
13	A7	X	.609	.609	0	%100
14	A7	Z	-.352	-.352	0	%100
15	A8	X	.144	.144	0	%100
16	A8	Z	-.083	-.083	0	%100
17	A9	X	.144	.144	0	%100
18	A9	Z	-.083	-.083	0	%100
19	A10	X	.144	.144	0	%100
20	A10	Z	-.083	-.083	0	%100
21	A11	X	.609	.609	0	%100
22	A11	Z	-.352	-.352	0	%100
23	A12	X	.609	.609	0	%100
24	A12	Z	-.352	-.352	0	%100
25	A13	X	.609	.609	0	%100
26	A13	Z	-.352	-.352	0	%100
27	A14	X	.144	.144	0	%100
28	A14	Z	-.083	-.083	0	%100
29	A15	X	.144	.144	0	%100
30	A15	Z	-.083	-.083	0	%100
31	A16	X	.144	.144	0	%100
32	A16	Z	-.083	-.083	0	%100
33	A17	X	.354	.354	0	%100
34	A17	Z	-.205	-.205	0	%100
35	A18	X	.354	.354	0	%100
36	A18	Z	-.205	-.205	0	%100
37	A19	X	.354	.354	0	%100
38	A19	Z	-.205	-.205	0	%100
39	A20	X	.354	.354	0	%100
40	A20	Z	-.205	-.205	0	%100
41	A21	X	.169	.169	0	%100
42	A21	Z	-.097	-.097	0	%100
43	A22	X	.169	.169	0	%100
44	A22	Z	-.097	-.097	0	%100
45	A23	X	.52	.52	0	%100
46	A23	Z	-.3	-.3	0	%100
47	A24	X	.037	.037	0	%100
48	A24	Z	-.022	-.022	0	%100
49	A25	X	.52	.52	0	%100
50	A25	Z	-.3	-.3	0	%100
51	A26	X	.037	.037	0	%100
52	A26	Z	-.022	-.022	0	%100
53	A27	X	.155	.155	0	%100
54	A27	Z	-.09	-.09	0	%100
55	A28	X	.155	.155	0	%100
56	A28	Z	-.09	-.09	0	%100
57	A29	X	.419	.419	0	%100
58	A29	Z	-.242	-.242	0	%100
59	A30	X	.419	.419	0	%100
60	A30	Z	-.242	-.242	0	%100
61	A31	X	.773	.773	0	%100
62	A31	Z	-.447	-.447	0	%100
63	A32	X	.773	.773	0	%100
64	A32	Z	-.447	-.447	0	%100
65	A33	X	.356	.356	0	%100
66	A33	Z	-.206	-.206	0	%100
67	A34	X	.356	.356	0	%100
68	A34	Z	-.206	-.206	0	%100
69	A35	X	.224	.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
70	A35	Z	-.129	-.129	0	%100
71	A36	X	.224	.224	0	%100
72	A36	Z	-.129	-.129	0	%100
73	MP1A	X	.557	.557	0	%100
74	MP1A	Z	-.322	-.322	0	%100
75	MP2A	X	.675	.675	0	%100
76	MP2A	Z	-.389	-.389	0	%100
77	MP3A	X	.557	.557	0	%100
78	MP3A	Z	-.322	-.322	0	%100
79	MP4A	X	.557	.557	0	%100
80	MP4A	Z	-.322	-.322	0	%100
81	MP5A	X	.557	.557	0	%100
82	MP5A	Z	-.322	-.322	0	%100
83	B52	X	.072	.072	0	%100
84	B52	Z	-.042	-.042	0	%100
85	B53	X	.016	.016	0	%100
86	B53	Z	-.009	-.009	0	%100
87	B54	X	.072	.072	0	%100
88	B54	Z	-.042	-.042	0	%100
89	B55	X	.016	.016	0	%100
90	B55	Z	-.009	-.009	0	%100
91	B56	X	.204	.204	0	%100
92	B56	Z	-.118	-.118	0	%100
93	B57	X	.204	.204	0	%100
94	B57	Z	-.118	-.118	0	%100
95	B58	X	.204	.204	0	%100
96	B58	Z	-.118	-.118	0	%100
97	B59	X	.549	.549	0	%100
98	B59	Z	-.317	-.317	0	%100
99	B60	X	.549	.549	0	%100
100	B60	Z	-.317	-.317	0	%100
101	B61	X	.549	.549	0	%100
102	B61	Z	-.317	-.317	0	%100
103	B62	X	.204	.204	0	%100
104	B62	Z	-.118	-.118	0	%100
105	B63	X	.204	.204	0	%100
106	B63	Z	-.118	-.118	0	%100
107	B64	X	.204	.204	0	%100
108	B64	Z	-.118	-.118	0	%100
109	B65	X	.549	.549	0	%100
110	B65	Z	-.317	-.317	0	%100
111	B66	X	.549	.549	0	%100
112	B66	Z	-.317	-.317	0	%100
113	B67	X	.549	.549	0	%100
114	B67	Z	-.317	-.317	0	%100
115	B68	X	.354	.354	0	%100
116	B68	Z	-.205	-.205	0	%100
117	B69	X	.354	.354	0	%100
118	B69	Z	-.205	-.205	0	%100
119	B70	X	.354	.354	0	%100
120	B70	Z	-.205	-.205	0	%100
121	B71	X	.354	.354	0	%100
122	B71	Z	-.205	-.205	0	%100
123	B72	X	.079	.079	0	%100
124	B72	Z	-.046	-.046	0	%100
125	B73	X	.079	.079	0	%100
126	B73	Z	-.046	-.046	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
127	B74	X	.099	.099	0	%100
128	B74	Z	-.057	-.057	0	%100
129	B75	X	.458	.458	0	%100
130	B75	Z	-.264	-.264	0	%100
131	B76	X	.099	.099	0	%100
132	B76	Z	-.057	-.057	0	%100
133	B77	X	.458	.458	0	%100
134	B77	Z	-.264	-.264	0	%100
135	B78	X	.694	.694	0	%100
136	B78	Z	-.401	-.401	0	%100
137	B79	X	.694	.694	0	%100
138	B79	Z	-.401	-.401	0	%100
139	B80	X	.419	.419	0	%100
140	B80	Z	-.242	-.242	0	%100
141	B81	X	.419	.419	0	%100
142	B81	Z	-.242	-.242	0	%100
143	B82	X	.235	.235	0	%100
144	B82	Z	-.136	-.136	0	%100
145	B83	X	.235	.235	0	%100
146	B83	Z	-.136	-.136	0	%100
147	B84	X	.241	.241	0	%100
148	B84	Z	-.139	-.139	0	%100
149	B85	X	.241	.241	0	%100
150	B85	Z	-.139	-.139	0	%100
151	B86	X	.339	.339	0	%100
152	B86	Z	-.196	-.196	0	%100
153	B87	X	.339	.339	0	%100
154	B87	Z	-.196	-.196	0	%100
155	MP1B	X	.557	.557	0	%100
156	MP1B	Z	-.322	-.322	0	%100
157	MP2B	X	.675	.675	0	%100
158	MP2B	Z	-.389	-.389	0	%100
159	MP3B	X	.557	.557	0	%100
160	MP3B	Z	-.322	-.322	0	%100
161	MP4B	X	.557	.557	0	%100
162	MP4B	Z	-.322	-.322	0	%100
163	MP5B	X	.557	.557	0	%100
164	MP5B	Z	-.322	-.322	0	%100
165	C103	X	.059	.059	0	%100
166	C103	Z	-.034	-.034	0	%100
167	C104	X	.029	.029	0	%100
168	C104	Z	-.017	-.017	0	%100
169	C105	X	.059	.059	0	%100
170	C105	Z	-.034	-.034	0	%100
171	C106	X	.029	.029	0	%100
172	C106	Z	-.017	-.017	0	%100
173	C107	X	.284	.284	0	%100
174	C107	Z	-.164	-.164	0	%100
175	C108	X	.284	.284	0	%100
176	C108	Z	-.164	-.164	0	%100
177	C109	X	.284	.284	0	%100
178	C109	Z	-.164	-.164	0	%100
179	C110	X	.468	.468	0	%100
180	C110	Z	-.27	-.27	0	%100
181	C111	X	.468	.468	0	%100
182	C111	Z	-.27	-.27	0	%100
183	C112	X	.468	.468	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
184	C112	Z	-.27	-.27	0	%100
185	C113	X	.284	.284	0	%100
186	C113	Z	-.164	-.164	0	%100
187	C114	X	.284	.284	0	%100
188	C114	Z	-.164	-.164	0	%100
189	C115	X	.284	.284	0	%100
190	C115	Z	-.164	-.164	0	%100
191	C116	X	.468	.468	0	%100
192	C116	Z	-.27	-.27	0	%100
193	C117	X	.468	.468	0	%100
194	C117	Z	-.27	-.27	0	%100
195	C118	X	.468	.468	0	%100
196	C118	Z	-.27	-.27	0	%100
197	C119	X	.354	.354	0	%100
198	C119	Z	-.205	-.205	0	%100
199	C120	X	.354	.354	0	%100
200	C120	Z	-.205	-.205	0	%100
201	C121	X	.354	.354	0	%100
202	C121	Z	-.205	-.205	0	%100
203	C122	X	.354	.354	0	%100
204	C122	Z	-.205	-.205	0	%100
205	C123	X	.654	.654	0	%100
206	C123	Z	-.378	-.378	0	%100
207	C124	X	.654	.654	0	%100
208	C124	Z	-.378	-.378	0	%100
209	C125	X	.183	.183	0	%100
210	C125	Z	-.106	-.106	0	%100
211	C126	X	.374	.374	0	%100
212	C126	Z	-.216	-.216	0	%100
213	C127	X	.183	.183	0	%100
214	C127	Z	-.106	-.106	0	%100
215	C128	X	.374	.374	0	%100
216	C128	Z	-.216	-.216	0	%100
217	C129	X	.586	.586	0	%100
218	C129	Z	-.339	-.339	0	%100
219	C130	X	.586	.586	0	%100
220	C130	Z	-.339	-.339	0	%100
221	C131	X	.419	.419	0	%100
222	C131	Z	-.242	-.242	0	%100
223	C132	X	.419	.419	0	%100
224	C132	Z	-.242	-.242	0	%100
225	C133	X	.342	.342	0	%100
226	C133	Z	-.198	-.198	0	%100
227	C134	X	.342	.342	0	%100
228	C134	Z	-.198	-.198	0	%100
229	C135	X	.264	.264	0	%100
230	C135	Z	-.153	-.153	0	%100
231	C136	X	.264	.264	0	%100
232	C136	Z	-.153	-.153	0	%100
233	C137	X	.316	.316	0	%100
234	C137	Z	-.183	-.183	0	%100
235	C138	X	.316	.316	0	%100
236	C138	Z	-.183	-.183	0	%100
237	MP1C	X	.557	.557	0	%100
238	MP1C	Z	-.322	-.322	0	%100
239	MP2C	X	.675	.675	0	%100
240	MP2C	Z	-.389	-.389	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
241	MP3C	X	.557	.557	0	%100
242	MP3C	Z	-.322	-.322	0	%100
243	MP4C	X	.557	.557	0	%100
244	MP4C	Z	-.322	-.322	0	%100
245	MP5C	X	.557	.557	0	%100
246	MP5C	Z	-.322	-.322	0	%100
247	M156	X	.392	.392	0	%100
248	M156	Z	-.226	-.226	0	%100
249	M155	X	.237	.237	0	%100
250	M155	Z	-.137	-.137	0	%100
251	M156A	X	.495	.495	0	%100
252	M156A	Z	-.286	-.286	0	%100
253	M157	X	.001	.001	0	%100
254	M157	Z	-.000864	-.000864	0	%100
255	M158	X	.538	.538	0	%100
256	M158	Z	-.311	-.311	0	%100
257	M159	X	.101	.101	0	%100
258	M159	Z	-.059	-.059	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.051	.051	0	%100
2	A1	Z	0	0	0	%100
3	A2	X	.051	.051	0	%100
4	A2	Z	0	0	0	%100
5	A3	X	.051	.051	0	%100
6	A3	Z	0	0	0	%100
7	A4	X	.051	.051	0	%100
8	A4	Z	0	0	0	%100
9	A5	X	.435	.435	0	%100
10	A5	Z	0	0	0	%100
11	A6	X	.435	.435	0	%100
12	A6	Z	0	0	0	%100
13	A7	X	.435	.435	0	%100
14	A7	Z	0	0	0	%100
15	A8	X	.435	.435	0	%100
16	A8	Z	0	0	0	%100
17	A9	X	.435	.435	0	%100
18	A9	Z	0	0	0	%100
19	A10	X	.435	.435	0	%100
20	A10	Z	0	0	0	%100
21	A11	X	.435	.435	0	%100
22	A11	Z	0	0	0	%100
23	A12	X	.435	.435	0	%100
24	A12	Z	0	0	0	%100
25	A13	X	.435	.435	0	%100
26	A13	Z	0	0	0	%100
27	A14	X	.435	.435	0	%100
28	A14	Z	0	0	0	%100
29	A15	X	.435	.435	0	%100
30	A15	Z	0	0	0	%100
31	A16	X	.435	.435	0	%100
32	A16	Z	0	0	0	%100
33	A17	X	.409	.409	0	%100
34	A17	Z	0	0	0	%100
35	A18	X	.409	.409	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
36	A18	Z	0	0	0	%100
37	A19	X	.409	.409	0	%100
38	A19	Z	0	0	0	%100
39	A20	X	.409	.409	0	%100
40	A20	Z	0	0	0	%100
41	A21	X	0	0	0	%100
42	A21	Z	0	0	0	%100
43	A22	X	0	0	0	%100
44	A22	Z	0	0	0	%100
45	A23	X	.322	.322	0	%100
46	A23	Z	0	0	0	%100
47	A24	X	.322	.322	0	%100
48	A24	Z	0	0	0	%100
49	A25	X	.322	.322	0	%100
50	A25	Z	0	0	0	%100
51	A26	X	.322	.322	0	%100
52	A26	Z	0	0	0	%100
53	A27	X	.536	.536	0	%100
54	A27	Z	0	0	0	%100
55	A28	X	.536	.536	0	%100
56	A28	Z	0	0	0	%100
57	A29	X	.484	.484	0	%100
58	A29	Z	0	0	0	%100
59	A30	X	.484	.484	0	%100
60	A30	Z	0	0	0	%100
61	A31	X	.536	.536	0	%100
62	A31	Z	0	0	0	%100
63	A32	X	.536	.536	0	%100
64	A32	Z	0	0	0	%100
65	A33	X	.335	.335	0	%100
66	A33	Z	0	0	0	%100
67	A34	X	.335	.335	0	%100
68	A34	Z	0	0	0	%100
69	A35	X	.335	.335	0	%100
70	A35	Z	0	0	0	%100
71	A36	X	.335	.335	0	%100
72	A36	Z	0	0	0	%100
73	MP1A	X	.644	.644	0	%100
74	MP1A	Z	0	0	0	%100
75	MP2A	X	.779	.779	0	%100
76	MP2A	Z	0	0	0	%100
77	MP3A	X	.644	.644	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	.644	.644	0	%100
80	MP4A	Z	0	0	0	%100
81	MP5A	X	.644	.644	0	%100
82	MP5A	Z	0	0	0	%100
83	B52	X	.101	.101	0	%100
84	B52	Z	0	0	0	%100
85	B53	X	.000774	.000774	0	%100
86	B53	Z	0	0	0	%100
87	B54	X	.101	.101	0	%100
88	B54	Z	0	0	0	%100
89	B55	X	.000774	.000774	0	%100
90	B55	Z	0	0	0	%100
91	B56	X	.129	.129	0	%100
92	B56	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
93	B57	X	.129	.129	0	%100
94	B57	Z	0	0	0	%100
95	B58	X	.129	.129	0	%100
96	B58	Z	0	0	0	%100
97	B59	X	.74	.74	0	%100
98	B59	Z	0	0	0	%100
99	B60	X	.74	.74	0	%100
100	B60	Z	0	0	0	%100
101	B61	X	.74	.74	0	%100
102	B61	Z	0	0	0	%100
103	B62	X	.129	.129	0	%100
104	B62	Z	0	0	0	%100
105	B63	X	.129	.129	0	%100
106	B63	Z	0	0	0	%100
107	B64	X	.129	.129	0	%100
108	B64	Z	0	0	0	%100
109	B65	X	.74	.74	0	%100
110	B65	Z	0	0	0	%100
111	B66	X	.74	.74	0	%100
112	B66	Z	0	0	0	%100
113	B67	X	.74	.74	0	%100
114	B67	Z	0	0	0	%100
115	B68	X	.409	.409	0	%100
116	B68	Z	0	0	0	%100
117	B69	X	.409	.409	0	%100
118	B69	Z	0	0	0	%100
119	B70	X	.409	.409	0	%100
120	B70	Z	0	0	0	%100
121	B71	X	.409	.409	0	%100
122	B71	Z	0	0	0	%100
123	B72	X	.457	.457	0	%100
124	B72	Z	0	0	0	%100
125	B73	X	.457	.457	0	%100
126	B73	Z	0	0	0	%100
127	B74	X	.005	.005	0	%100
128	B74	Z	0	0	0	%100
129	B75	X	.639	.639	0	%100
130	B75	Z	0	0	0	%100
131	B76	X	.005	.005	0	%100
132	B76	Z	0	0	0	%100
133	B77	X	.639	.639	0	%100
134	B77	Z	0	0	0	%100
135	B78	X	.942	.942	0	%100
136	B78	Z	0	0	0	%100
137	B79	X	.942	.942	0	%100
138	B79	Z	0	0	0	%100
139	B80	X	.484	.484	0	%100
140	B80	Z	0	0	0	%100
141	B81	X	.484	.484	0	%100
142	B81	Z	0	0	0	%100
143	B82	X	.13	.13	0	%100
144	B82	Z	0	0	0	%100
145	B83	X	.13	.13	0	%100
146	B83	Z	0	0	0	%100
147	B84	X	.248	.248	0	%100
148	B84	Z	0	0	0	%100
149	B85	X	.248	.248	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
150	B85	Z	0	0	0	%100
151	B86	X	.422	.422	0	%100
152	B86	Z	0	0	0	%100
153	B87	X	.422	.422	0	%100
154	B87	Z	0	0	0	%100
155	MP1B	X	.644	.644	0	%100
156	MP1B	Z	0	0	0	%100
157	MP2B	X	.779	.779	0	%100
158	MP2B	Z	0	0	0	%100
159	MP3B	X	.644	.644	0	%100
160	MP3B	Z	0	0	0	%100
161	MP4B	X	.644	.644	0	%100
162	MP4B	Z	0	0	0	%100
163	MP5B	X	.644	.644	0	%100
164	MP5B	Z	0	0	0	%100
165	C103	X	.018	.018	0	%100
166	C103	Z	0	0	0	%100
167	C104	X	.083	.083	0	%100
168	C104	Z	0	0	0	%100
169	C105	X	.018	.018	0	%100
170	C105	Z	0	0	0	%100
171	C106	X	.083	.083	0	%100
172	C106	Z	0	0	0	%100
173	C107	X	.634	.634	0	%100
174	C107	Z	0	0	0	%100
175	C108	X	.634	.634	0	%100
176	C108	Z	0	0	0	%100
177	C109	X	.634	.634	0	%100
178	C109	Z	0	0	0	%100
179	C110	X	.235	.235	0	%100
180	C110	Z	0	0	0	%100
181	C111	X	.235	.235	0	%100
182	C111	Z	0	0	0	%100
183	C112	X	.235	.235	0	%100
184	C112	Z	0	0	0	%100
185	C113	X	.634	.634	0	%100
186	C113	Z	0	0	0	%100
187	C114	X	.634	.634	0	%100
188	C114	Z	0	0	0	%100
189	C115	X	.634	.634	0	%100
190	C115	Z	0	0	0	%100
191	C116	X	.235	.235	0	%100
192	C116	Z	0	0	0	%100
193	C117	X	.235	.235	0	%100
194	C117	Z	0	0	0	%100
195	C118	X	.235	.235	0	%100
196	C118	Z	0	0	0	%100
197	C119	X	.409	.409	0	%100
198	C119	Z	0	0	0	%100
199	C120	X	.409	.409	0	%100
200	C120	Z	0	0	0	%100
201	C121	X	.409	.409	0	%100
202	C121	Z	0	0	0	%100
203	C122	X	.409	.409	0	%100
204	C122	Z	0	0	0	%100
205	C123	X	.688	.688	0	%100
206	C123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
207	C124	X	.688	.688	0	%100
208	C124	Z	0	0	0	%100
209	C125	X	.529	.529	0	%100
210	C125	Z	0	0	0	%100
211	C126	X	.115	.115	0	%100
212	C126	Z	0	0	0	%100
213	C127	X	.529	.529	0	%100
214	C127	Z	0	0	0	%100
215	C128	X	.115	.115	0	%100
216	C128	Z	0	0	0	%100
217	C129	X	.271	.271	0	%100
218	C129	Z	0	0	0	%100
219	C130	X	.271	.271	0	%100
220	C130	Z	0	0	0	%100
221	C131	X	.484	.484	0	%100
222	C131	Z	0	0	0	%100
223	C132	X	.484	.484	0	%100
224	C132	Z	0	0	0	%100
225	C133	X	.801	.801	0	%100
226	C133	Z	0	0	0	%100
227	C134	X	.801	.801	0	%100
228	C134	Z	0	0	0	%100
229	C135	X	.392	.392	0	%100
230	C135	Z	0	0	0	%100
231	C136	X	.392	.392	0	%100
232	C136	Z	0	0	0	%100
233	C137	X	.279	.279	0	%100
234	C137	Z	0	0	0	%100
235	C138	X	.279	.279	0	%100
236	C138	Z	0	0	0	%100
237	MP1C	X	.644	.644	0	%100
238	MP1C	Z	0	0	0	%100
239	MP2C	X	.779	.779	0	%100
240	MP2C	Z	0	0	0	%100
241	MP3C	X	.644	.644	0	%100
242	MP3C	Z	0	0	0	%100
243	MP4C	X	.644	.644	0	%100
244	MP4C	Z	0	0	0	%100
245	MP5C	X	.644	.644	0	%100
246	MP5C	Z	0	0	0	%100
247	M156	X	.133	.133	0	%100
248	M156	Z	0	0	0	%100
249	M155	X	.022	.022	0	%100
250	M155	Z	0	0	0	%100
251	M156A	X	.622	.622	0	%100
252	M156A	Z	0	0	0	%100
253	M157	X	.191	.191	0	%100
254	M157	Z	0	0	0	%100
255	M158	X	.573	.573	0	%100
256	M158	Z	0	0	0	%100
257	M159	X	.434	.434	0	%100
258	M159	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.082	.082	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
2	A1	Z	.047	.047	0	%100
3	A2	X	.006	.006	0	%100
4	A2	Z	.003	.003	0	%100
5	A3	X	.082	.082	0	%100
6	A3	Z	.047	.047	0	%100
7	A4	X	.006	.006	0	%100
8	A4	Z	.003	.003	0	%100
9	A5	X	.144	.144	0	%100
10	A5	Z	.083	.083	0	%100
11	A6	X	.144	.144	0	%100
12	A6	Z	.083	.083	0	%100
13	A7	X	.144	.144	0	%100
14	A7	Z	.083	.083	0	%100
15	A8	X	.609	.609	0	%100
16	A8	Z	.352	.352	0	%100
17	A9	X	.609	.609	0	%100
18	A9	Z	.352	.352	0	%100
19	A10	X	.609	.609	0	%100
20	A10	Z	.352	.352	0	%100
21	A11	X	.144	.144	0	%100
22	A11	Z	.083	.083	0	%100
23	A12	X	.144	.144	0	%100
24	A12	Z	.083	.083	0	%100
25	A13	X	.144	.144	0	%100
26	A13	Z	.083	.083	0	%100
27	A14	X	.609	.609	0	%100
28	A14	Z	.352	.352	0	%100
29	A15	X	.609	.609	0	%100
30	A15	Z	.352	.352	0	%100
31	A16	X	.609	.609	0	%100
32	A16	Z	.352	.352	0	%100
33	A17	X	.354	.354	0	%100
34	A17	Z	.205	.205	0	%100
35	A18	X	.354	.354	0	%100
36	A18	Z	.205	.205	0	%100
37	A19	X	.354	.354	0	%100
38	A19	Z	.205	.205	0	%100
39	A20	X	.354	.354	0	%100
40	A20	Z	.205	.205	0	%100
41	A21	X	.169	.169	0	%100
42	A21	Z	.097	.097	0	%100
43	A22	X	.169	.169	0	%100
44	A22	Z	.097	.097	0	%100
45	A23	X	.037	.037	0	%100
46	A23	Z	.022	.022	0	%100
47	A24	X	.52	.52	0	%100
48	A24	Z	.3	.3	0	%100
49	A25	X	.037	.037	0	%100
50	A25	Z	.022	.022	0	%100
51	A26	X	.52	.52	0	%100
52	A26	Z	.3	.3	0	%100
53	A27	X	.773	.773	0	%100
54	A27	Z	.447	.447	0	%100
55	A28	X	.773	.773	0	%100
56	A28	Z	.447	.447	0	%100
57	A29	X	.419	.419	0	%100
58	A29	Z	.242	.242	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
59	A30	X	.419	.419	0	%100
60	A30	Z	.242	.242	0	%100
61	A31	X	.155	.155	0	%100
62	A31	Z	.09	.09	0	%100
63	A32	X	.155	.155	0	%100
64	A32	Z	.09	.09	0	%100
65	A33	X	.224	.224	0	%100
66	A33	Z	.129	.129	0	%100
67	A34	X	.224	.224	0	%100
68	A34	Z	.129	.129	0	%100
69	A35	X	.356	.356	0	%100
70	A35	Z	.206	.206	0	%100
71	A36	X	.356	.356	0	%100
72	A36	Z	.206	.206	0	%100
73	MP1A	X	.557	.557	0	%100
74	MP1A	Z	.322	.322	0	%100
75	MP2A	X	.675	.675	0	%100
76	MP2A	Z	.389	.389	0	%100
77	MP3A	X	.557	.557	0	%100
78	MP3A	Z	.322	.322	0	%100
79	MP4A	X	.557	.557	0	%100
80	MP4A	Z	.322	.322	0	%100
81	MP5A	X	.557	.557	0	%100
82	MP5A	Z	.322	.322	0	%100
83	B52	X	.059	.059	0	%100
84	B52	Z	.034	.034	0	%100
85	B53	X	.029	.029	0	%100
86	B53	Z	.017	.017	0	%100
87	B54	X	.059	.059	0	%100
88	B54	Z	.034	.034	0	%100
89	B55	X	.029	.029	0	%100
90	B55	Z	.017	.017	0	%100
91	B56	X	.284	.284	0	%100
92	B56	Z	.164	.164	0	%100
93	B57	X	.284	.284	0	%100
94	B57	Z	.164	.164	0	%100
95	B58	X	.284	.284	0	%100
96	B58	Z	.164	.164	0	%100
97	B59	X	.468	.468	0	%100
98	B59	Z	.27	.27	0	%100
99	B60	X	.468	.468	0	%100
100	B60	Z	.27	.27	0	%100
101	B61	X	.468	.468	0	%100
102	B61	Z	.27	.27	0	%100
103	B62	X	.284	.284	0	%100
104	B62	Z	.164	.164	0	%100
105	B63	X	.284	.284	0	%100
106	B63	Z	.164	.164	0	%100
107	B64	X	.284	.284	0	%100
108	B64	Z	.164	.164	0	%100
109	B65	X	.468	.468	0	%100
110	B65	Z	.27	.27	0	%100
111	B66	X	.468	.468	0	%100
112	B66	Z	.27	.27	0	%100
113	B67	X	.468	.468	0	%100
114	B67	Z	.27	.27	0	%100
115	B68	X	.354	.354	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
116	B68	Z	.205	.205	0	%100
117	B69	X	.354	.354	0	%100
118	B69	Z	.205	.205	0	%100
119	B70	X	.354	.354	0	%100
120	B70	Z	.205	.205	0	%100
121	B71	X	.354	.354	0	%100
122	B71	Z	.205	.205	0	%100
123	B72	X	.654	.654	0	%100
124	B72	Z	.378	.378	0	%100
125	B73	X	.654	.654	0	%100
126	B73	Z	.378	.378	0	%100
127	B74	X	.183	.183	0	%100
128	B74	Z	.106	.106	0	%100
129	B75	X	.374	.374	0	%100
130	B75	Z	.216	.216	0	%100
131	B76	X	.183	.183	0	%100
132	B76	Z	.106	.106	0	%100
133	B77	X	.374	.374	0	%100
134	B77	Z	.216	.216	0	%100
135	B78	X	.586	.586	0	%100
136	B78	Z	.339	.339	0	%100
137	B79	X	.586	.586	0	%100
138	B79	Z	.339	.339	0	%100
139	B80	X	.419	.419	0	%100
140	B80	Z	.242	.242	0	%100
141	B81	X	.419	.419	0	%100
142	B81	Z	.242	.242	0	%100
143	B82	X	.342	.342	0	%100
144	B82	Z	.198	.198	0	%100
145	B83	X	.342	.342	0	%100
146	B83	Z	.198	.198	0	%100
147	B84	X	.264	.264	0	%100
148	B84	Z	.153	.153	0	%100
149	B85	X	.264	.264	0	%100
150	B85	Z	.153	.153	0	%100
151	B86	X	.316	.316	0	%100
152	B86	Z	.183	.183	0	%100
153	B87	X	.316	.316	0	%100
154	B87	Z	.183	.183	0	%100
155	MP1B	X	.557	.557	0	%100
156	MP1B	Z	.322	.322	0	%100
157	MP2B	X	.675	.675	0	%100
158	MP2B	Z	.389	.389	0	%100
159	MP3B	X	.557	.557	0	%100
160	MP3B	Z	.322	.322	0	%100
161	MP4B	X	.557	.557	0	%100
162	MP4B	Z	.322	.322	0	%100
163	MP5B	X	.557	.557	0	%100
164	MP5B	Z	.322	.322	0	%100
165	C103	X	.000666	.000666	0	%100
166	C103	Z	.000385	.000385	0	%100
167	C104	X	.087	.087	0	%100
168	C104	Z	.05	.05	0	%100
169	C105	X	.000666	.000666	0	%100
170	C105	Z	.000385	.000385	0	%100
171	C106	X	.087	.087	0	%100
172	C106	Z	.05	.05	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
173	C107	X	.641	.641	0	%100
174	C107	Z	.37	.37	0	%100
175	C108	X	.641	.641	0	%100
176	C108	Z	.37	.37	0	%100
177	C109	X	.641	.641	0	%100
178	C109	Z	.37	.37	0	%100
179	C110	X	.112	.112	0	%100
180	C110	Z	.064	.064	0	%100
181	C111	X	.112	.112	0	%100
182	C111	Z	.064	.064	0	%100
183	C112	X	.112	.112	0	%100
184	C112	Z	.064	.064	0	%100
185	C113	X	.641	.641	0	%100
186	C113	Z	.37	.37	0	%100
187	C114	X	.641	.641	0	%100
188	C114	Z	.37	.37	0	%100
189	C115	X	.641	.641	0	%100
190	C115	Z	.37	.37	0	%100
191	C116	X	.112	.112	0	%100
192	C116	Z	.064	.064	0	%100
193	C117	X	.112	.112	0	%100
194	C117	Z	.064	.064	0	%100
195	C118	X	.112	.112	0	%100
196	C118	Z	.064	.064	0	%100
197	C119	X	.354	.354	0	%100
198	C119	Z	.205	.205	0	%100
199	C120	X	.354	.354	0	%100
200	C120	Z	.205	.205	0	%100
201	C121	X	.354	.354	0	%100
202	C121	Z	.205	.205	0	%100
203	C122	X	.354	.354	0	%100
204	C122	Z	.205	.205	0	%100
205	C123	X	.279	.279	0	%100
206	C123	Z	.161	.161	0	%100
207	C124	X	.279	.279	0	%100
208	C124	Z	.161	.161	0	%100
209	C125	X	.553	.553	0	%100
210	C125	Z	.319	.319	0	%100
211	C126	X	.004	.004	0	%100
212	C126	Z	.002	.002	0	%100
213	C127	X	.553	.553	0	%100
214	C127	Z	.319	.319	0	%100
215	C128	X	.004	.004	0	%100
216	C128	Z	.002	.002	0	%100
217	C129	X	.113	.113	0	%100
218	C129	Z	.065	.065	0	%100
219	C130	X	.113	.113	0	%100
220	C130	Z	.065	.065	0	%100
221	C131	X	.419	.419	0	%100
222	C131	Z	.242	.242	0	%100
223	C132	X	.419	.419	0	%100
224	C132	Z	.242	.242	0	%100
225	C133	X	.816	.816	0	%100
226	C133	Z	.471	.471	0	%100
227	C134	X	.816	.816	0	%100
228	C134	Z	.471	.471	0	%100
229	C135	X	.365	.365	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
230	C135	Z	.211	.211	0	%100
231	C136	X	.365	.365	0	%100
232	C136	Z	.211	.211	0	%100
233	C137	X	.215	.215	0	%100
234	C137	Z	.124	.124	0	%100
235	C138	X	.215	.215	0	%100
236	C138	Z	.124	.124	0	%100
237	MP1C	X	.557	.557	0	%100
238	MP1C	Z	.322	.322	0	%100
239	MP2C	X	.675	.675	0	%100
240	MP2C	Z	.389	.389	0	%100
241	MP3C	X	.557	.557	0	%100
242	MP3C	Z	.322	.322	0	%100
243	MP4C	X	.557	.557	0	%100
244	MP4C	Z	.322	.322	0	%100
245	MP5C	X	.557	.557	0	%100
246	MP5C	Z	.322	.322	0	%100
247	M156	X	.001	.001	0	%100
248	M156	Z	.000864	.000864	0	%100
249	M155	X	.061	.061	0	%100
250	M155	Z	.035	.035	0	%100
251	M156A	X	.323	.323	0	%100
252	M156A	Z	.186	.186	0	%100
253	M157	X	.442	.442	0	%100
254	M157	Z	.255	.255	0	%100
255	M158	X	.237	.237	0	%100
256	M158	Z	.137	.137	0	%100
257	M159	X	.553	.553	0	%100
258	M159	Z	.32	.32	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	.047	.047	0	%100
2	A1	Z	.082	.082	0	%100
3	A2	X	.003	.003	0	%100
4	A2	Z	.006	.006	0	%100
5	A3	X	.047	.047	0	%100
6	A3	Z	.082	.082	0	%100
7	A4	X	.003	.003	0	%100
8	A4	Z	.006	.006	0	%100
9	A5	X	.083	.083	0	%100
10	A5	Z	.144	.144	0	%100
11	A6	X	.083	.083	0	%100
12	A6	Z	.144	.144	0	%100
13	A7	X	.083	.083	0	%100
14	A7	Z	.144	.144	0	%100
15	A8	X	.352	.352	0	%100
16	A8	Z	.609	.609	0	%100
17	A9	X	.352	.352	0	%100
18	A9	Z	.609	.609	0	%100
19	A10	X	.352	.352	0	%100
20	A10	Z	.609	.609	0	%100
21	A11	X	.083	.083	0	%100
22	A11	Z	.144	.144	0	%100
23	A12	X	.083	.083	0	%100
24	A12	Z	.144	.144	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
25	A13	X	.083	.083	0	%100
26	A13	Z	.144	.144	0	%100
27	A14	X	.352	.352	0	%100
28	A14	Z	.609	.609	0	%100
29	A15	X	.352	.352	0	%100
30	A15	Z	.609	.609	0	%100
31	A16	X	.352	.352	0	%100
32	A16	Z	.609	.609	0	%100
33	A17	X	.205	.205	0	%100
34	A17	Z	.354	.354	0	%100
35	A18	X	.205	.205	0	%100
36	A18	Z	.354	.354	0	%100
37	A19	X	.205	.205	0	%100
38	A19	Z	.354	.354	0	%100
39	A20	X	.205	.205	0	%100
40	A20	Z	.354	.354	0	%100
41	A21	X	.292	.292	0	%100
42	A21	Z	.506	.506	0	%100
43	A22	X	.292	.292	0	%100
44	A22	Z	.506	.506	0	%100
45	A23	X	.022	.022	0	%100
46	A23	Z	.037	.037	0	%100
47	A24	X	.3	.3	0	%100
48	A24	Z	.52	.52	0	%100
49	A25	X	.022	.022	0	%100
50	A25	Z	.037	.037	0	%100
51	A26	X	.3	.3	0	%100
52	A26	Z	.52	.52	0	%100
53	A27	X	.447	.447	0	%100
54	A27	Z	.773	.773	0	%100
55	A28	X	.447	.447	0	%100
56	A28	Z	.773	.773	0	%100
57	A29	X	.242	.242	0	%100
58	A29	Z	.419	.419	0	%100
59	A30	X	.242	.242	0	%100
60	A30	Z	.419	.419	0	%100
61	A31	X	.09	.09	0	%100
62	A31	Z	.155	.155	0	%100
63	A32	X	.09	.09	0	%100
64	A32	Z	.155	.155	0	%100
65	A33	X	.129	.129	0	%100
66	A33	Z	.224	.224	0	%100
67	A34	X	.129	.129	0	%100
68	A34	Z	.224	.224	0	%100
69	A35	X	.206	.206	0	%100
70	A35	Z	.356	.356	0	%100
71	A36	X	.206	.206	0	%100
72	A36	Z	.356	.356	0	%100
73	MP1A	X	.322	.322	0	%100
74	MP1A	Z	.557	.557	0	%100
75	MP2A	X	.389	.389	0	%100
76	MP2A	Z	.675	.675	0	%100
77	MP3A	X	.322	.322	0	%100
78	MP3A	Z	.557	.557	0	%100
79	MP4A	X	.322	.322	0	%100
80	MP4A	Z	.557	.557	0	%100
81	MP5A	X	.322	.322	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
82	MP5A	Z	.557	.557	0	%100
83	B52	X	.009	.009	0	%100
84	B52	Z	.016	.016	0	%100
85	B53	X	.042	.042	0	%100
86	B53	Z	.072	.072	0	%100
87	B54	X	.009	.009	0	%100
88	B54	Z	.016	.016	0	%100
89	B55	X	.042	.042	0	%100
90	B55	Z	.072	.072	0	%100
91	B56	X	.317	.317	0	%100
92	B56	Z	.549	.549	0	%100
93	B57	X	.317	.317	0	%100
94	B57	Z	.549	.549	0	%100
95	B58	X	.317	.317	0	%100
96	B58	Z	.549	.549	0	%100
97	B59	X	.118	.118	0	%100
98	B59	Z	.204	.204	0	%100
99	B60	X	.118	.118	0	%100
100	B60	Z	.204	.204	0	%100
101	B61	X	.118	.118	0	%100
102	B61	Z	.204	.204	0	%100
103	B62	X	.317	.317	0	%100
104	B62	Z	.549	.549	0	%100
105	B63	X	.317	.317	0	%100
106	B63	Z	.549	.549	0	%100
107	B64	X	.317	.317	0	%100
108	B64	Z	.549	.549	0	%100
109	B65	X	.118	.118	0	%100
110	B65	Z	.204	.204	0	%100
111	B66	X	.118	.118	0	%100
112	B66	Z	.204	.204	0	%100
113	B67	X	.118	.118	0	%100
114	B67	Z	.204	.204	0	%100
115	B68	X	.205	.205	0	%100
116	B68	Z	.354	.354	0	%100
117	B69	X	.205	.205	0	%100
118	B69	Z	.354	.354	0	%100
119	B70	X	.205	.205	0	%100
120	B70	Z	.354	.354	0	%100
121	B71	X	.205	.205	0	%100
122	B71	Z	.354	.354	0	%100
123	B72	X	.344	.344	0	%100
124	B72	Z	.596	.596	0	%100
125	B73	X	.344	.344	0	%100
126	B73	Z	.596	.596	0	%100
127	B74	X	.264	.264	0	%100
128	B74	Z	.458	.458	0	%100
129	B75	X	.058	.058	0	%100
130	B75	Z	.1	.1	0	%100
131	B76	X	.264	.264	0	%100
132	B76	Z	.458	.458	0	%100
133	B77	X	.058	.058	0	%100
134	B77	Z	.1	.1	0	%100
135	B78	X	.136	.136	0	%100
136	B78	Z	.235	.235	0	%100
137	B79	X	.136	.136	0	%100
138	B79	Z	.235	.235	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
139	B80	X	.242	.242	0	%100
140	B80	Z	.419	.419	0	%100
141	B81	X	.242	.242	0	%100
142	B81	Z	.419	.419	0	%100
143	B82	X	.401	.401	0	%100
144	B82	Z	.694	.694	0	%100
145	B83	X	.401	.401	0	%100
146	B83	Z	.694	.694	0	%100
147	B84	X	.196	.196	0	%100
148	B84	Z	.339	.339	0	%100
149	B85	X	.196	.196	0	%100
150	B85	Z	.339	.339	0	%100
151	B86	X	.139	.139	0	%100
152	B86	Z	.241	.241	0	%100
153	B87	X	.139	.139	0	%100
154	B87	Z	.241	.241	0	%100
155	MP1B	X	.322	.322	0	%100
156	MP1B	Z	.557	.557	0	%100
157	MP2B	X	.389	.389	0	%100
158	MP2B	Z	.675	.675	0	%100
159	MP3B	X	.322	.322	0	%100
160	MP3B	Z	.557	.557	0	%100
161	MP4B	X	.322	.322	0	%100
162	MP4B	Z	.557	.557	0	%100
163	MP5B	X	.322	.322	0	%100
164	MP5B	Z	.557	.557	0	%100
165	C103	X	.017	.017	0	%100
166	C103	Z	.029	.029	0	%100
167	C104	X	.034	.034	0	%100
168	C104	Z	.059	.059	0	%100
169	C105	X	.017	.017	0	%100
170	C105	Z	.029	.029	0	%100
171	C106	X	.034	.034	0	%100
172	C106	Z	.059	.059	0	%100
173	C107	X	.27	.27	0	%100
174	C107	Z	.468	.468	0	%100
175	C108	X	.27	.27	0	%100
176	C108	Z	.468	.468	0	%100
177	C109	X	.27	.27	0	%100
178	C109	Z	.468	.468	0	%100
179	C110	X	.164	.164	0	%100
180	C110	Z	.284	.284	0	%100
181	C111	X	.164	.164	0	%100
182	C111	Z	.284	.284	0	%100
183	C112	X	.164	.164	0	%100
184	C112	Z	.284	.284	0	%100
185	C113	X	.27	.27	0	%100
186	C113	Z	.468	.468	0	%100
187	C114	X	.27	.27	0	%100
188	C114	Z	.468	.468	0	%100
189	C115	X	.27	.27	0	%100
190	C115	Z	.468	.468	0	%100
191	C116	X	.164	.164	0	%100
192	C116	Z	.284	.284	0	%100
193	C117	X	.164	.164	0	%100
194	C117	Z	.284	.284	0	%100
195	C118	X	.164	.164	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
196	C118	Z	.284	.284	0	%100
197	C119	X	.205	.205	0	%100
198	C119	Z	.354	.354	0	%100
199	C120	X	.205	.205	0	%100
200	C120	Z	.354	.354	0	%100
201	C121	X	.205	.205	0	%100
202	C121	Z	.354	.354	0	%100
203	C122	X	.205	.205	0	%100
204	C122	Z	.354	.354	0	%100
205	C123	X	.012	.012	0	%100
206	C123	Z	.02	.02	0	%100
207	C124	X	.012	.012	0	%100
208	C124	Z	.02	.02	0	%100
209	C125	X	.216	.216	0	%100
210	C125	Z	.374	.374	0	%100
211	C126	X	.106	.106	0	%100
212	C126	Z	.183	.183	0	%100
213	C127	X	.216	.216	0	%100
214	C127	Z	.374	.374	0	%100
215	C128	X	.106	.106	0	%100
216	C128	Z	.183	.183	0	%100
217	C129	X	.198	.198	0	%100
218	C129	Z	.342	.342	0	%100
219	C130	X	.198	.198	0	%100
220	C130	Z	.342	.342	0	%100
221	C131	X	.242	.242	0	%100
222	C131	Z	.419	.419	0	%100
223	C132	X	.242	.242	0	%100
224	C132	Z	.419	.419	0	%100
225	C133	X	.339	.339	0	%100
226	C133	Z	.586	.586	0	%100
227	C134	X	.339	.339	0	%100
228	C134	Z	.586	.586	0	%100
229	C135	X	.183	.183	0	%100
230	C135	Z	.316	.316	0	%100
231	C136	X	.183	.183	0	%100
232	C136	Z	.316	.316	0	%100
233	C137	X	.153	.153	0	%100
234	C137	Z	.264	.264	0	%100
235	C138	X	.153	.153	0	%100
236	C138	Z	.264	.264	0	%100
237	MP1C	X	.322	.322	0	%100
238	MP1C	Z	.557	.557	0	%100
239	MP2C	X	.389	.389	0	%100
240	MP2C	Z	.675	.675	0	%100
241	MP3C	X	.322	.322	0	%100
242	MP3C	Z	.557	.557	0	%100
243	MP4C	X	.322	.322	0	%100
244	MP4C	Z	.557	.557	0	%100
245	MP5C	X	.322	.322	0	%100
246	MP5C	Z	.557	.557	0	%100
247	M156	X	.095	.095	0	%100
248	M156	Z	.165	.165	0	%100
249	M155	X	.185	.185	0	%100
250	M155	Z	.321	.321	0	%100
251	M156A	X	.036	.036	0	%100
252	M156A	Z	.062	.062	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
253	M157	X	.321	.321	0	%100
254	M157	Z	.556	.556	0	%100
255	M158	X	.011	.011	0	%100
256	M158	Z	.019	.019	0	%100
257	M159	X	.263	.263	0	%100
258	M159	Z	.456	.456	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	0	0	0	%100
2	A1	Z	.051	.051	0	%100
3	A2	X	0	0	0	%100
4	A2	Z	.051	.051	0	%100
5	A3	X	0	0	0	%100
6	A3	Z	.051	.051	0	%100
7	A4	X	0	0	0	%100
8	A4	Z	.051	.051	0	%100
9	A5	X	0	0	0	%100
10	A5	Z	.435	.435	0	%100
11	A6	X	0	0	0	%100
12	A6	Z	.435	.435	0	%100
13	A7	X	0	0	0	%100
14	A7	Z	.435	.435	0	%100
15	A8	X	0	0	0	%100
16	A8	Z	.435	.435	0	%100
17	A9	X	0	0	0	%100
18	A9	Z	.435	.435	0	%100
19	A10	X	0	0	0	%100
20	A10	Z	.435	.435	0	%100
21	A11	X	0	0	0	%100
22	A11	Z	.435	.435	0	%100
23	A12	X	0	0	0	%100
24	A12	Z	.435	.435	0	%100
25	A13	X	0	0	0	%100
26	A13	Z	.435	.435	0	%100
27	A14	X	0	0	0	%100
28	A14	Z	.435	.435	0	%100
29	A15	X	0	0	0	%100
30	A15	Z	.435	.435	0	%100
31	A16	X	0	0	0	%100
32	A16	Z	.435	.435	0	%100
33	A17	X	0	0	0	%100
34	A17	Z	.409	.409	0	%100
35	A18	X	0	0	0	%100
36	A18	Z	.409	.409	0	%100
37	A19	X	0	0	0	%100
38	A19	Z	.409	.409	0	%100
39	A20	X	0	0	0	%100
40	A20	Z	.409	.409	0	%100
41	A21	X	0	0	0	%100
42	A21	Z	.779	.779	0	%100
43	A22	X	0	0	0	%100
44	A22	Z	.779	.779	0	%100
45	A23	X	0	0	0	%100
46	A23	Z	.322	.322	0	%100
47	A24	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
48	A24	Z	.322	.322	0	%100
49	A25	X	0	0	0	%100
50	A25	Z	.322	.322	0	%100
51	A26	X	0	0	0	%100
52	A26	Z	.322	.322	0	%100
53	A27	X	0	0	0	%100
54	A27	Z	.536	.536	0	%100
55	A28	X	0	0	0	%100
56	A28	Z	.536	.536	0	%100
57	A29	X	0	0	0	%100
58	A29	Z	.484	.484	0	%100
59	A30	X	0	0	0	%100
60	A30	Z	.484	.484	0	%100
61	A31	X	0	0	0	%100
62	A31	Z	.536	.536	0	%100
63	A32	X	0	0	0	%100
64	A32	Z	.536	.536	0	%100
65	A33	X	0	0	0	%100
66	A33	Z	.335	.335	0	%100
67	A34	X	0	0	0	%100
68	A34	Z	.335	.335	0	%100
69	A35	X	0	0	0	%100
70	A35	Z	.335	.335	0	%100
71	A36	X	0	0	0	%100
72	A36	Z	.335	.335	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	.644	.644	0	%100
75	MP2A	X	0	0	0	%100
76	MP2A	Z	.779	.779	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	.644	.644	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	.644	.644	0	%100
81	MP5A	X	0	0	0	%100
82	MP5A	Z	.644	.644	0	%100
83	B52	X	0	0	0	%100
84	B52	Z	.000769	.000769	0	%100
85	B53	X	0	0	0	%100
86	B53	Z	.101	.101	0	%100
87	B54	X	0	0	0	%100
88	B54	Z	.000769	.000769	0	%100
89	B55	X	0	0	0	%100
90	B55	Z	.101	.101	0	%100
91	B56	X	0	0	0	%100
92	B56	Z	.74	.74	0	%100
93	B57	X	0	0	0	%100
94	B57	Z	.74	.74	0	%100
95	B58	X	0	0	0	%100
96	B58	Z	.74	.74	0	%100
97	B59	X	0	0	0	%100
98	B59	Z	.129	.129	0	%100
99	B60	X	0	0	0	%100
100	B60	Z	.129	.129	0	%100
101	B61	X	0	0	0	%100
102	B61	Z	.129	.129	0	%100
103	B62	X	0	0	0	%100
104	B62	Z	.74	.74	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
105	B63	X	0	0	0	%100
106	B63	Z	.74	.74	0	%100
107	B64	X	0	0	0	%100
108	B64	Z	.74	.74	0	%100
109	B65	X	0	0	0	%100
110	B65	Z	.129	.129	0	%100
111	B66	X	0	0	0	%100
112	B66	Z	.129	.129	0	%100
113	B67	X	0	0	0	%100
114	B67	Z	.129	.129	0	%100
115	B68	X	0	0	0	%100
116	B68	Z	.409	.409	0	%100
117	B69	X	0	0	0	%100
118	B69	Z	.409	.409	0	%100
119	B70	X	0	0	0	%100
120	B70	Z	.409	.409	0	%100
121	B71	X	0	0	0	%100
122	B71	Z	.409	.409	0	%100
123	B72	X	0	0	0	%100
124	B72	Z	.322	.322	0	%100
125	B73	X	0	0	0	%100
126	B73	Z	.322	.322	0	%100
127	B74	X	0	0	0	%100
128	B74	Z	.639	.639	0	%100
129	B75	X	0	0	0	%100
130	B75	Z	.005	.005	0	%100
131	B76	X	0	0	0	%100
132	B76	Z	.639	.639	0	%100
133	B77	X	0	0	0	%100
134	B77	Z	.005	.005	0	%100
135	B78	X	0	0	0	%100
136	B78	Z	.13	.13	0	%100
137	B79	X	0	0	0	%100
138	B79	Z	.13	.13	0	%100
139	B80	X	0	0	0	%100
140	B80	Z	.484	.484	0	%100
141	B81	X	0	0	0	%100
142	B81	Z	.484	.484	0	%100
143	B82	X	0	0	0	%100
144	B82	Z	.942	.942	0	%100
145	B83	X	0	0	0	%100
146	B83	Z	.942	.942	0	%100
147	B84	X	0	0	0	%100
148	B84	Z	.422	.422	0	%100
149	B85	X	0	0	0	%100
150	B85	Z	.422	.422	0	%100
151	B86	X	0	0	0	%100
152	B86	Z	.248	.248	0	%100
153	B87	X	0	0	0	%100
154	B87	Z	.248	.248	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	.644	.644	0	%100
157	MP2B	X	0	0	0	%100
158	MP2B	Z	.779	.779	0	%100
159	MP3B	X	0	0	0	%100
160	MP3B	Z	.644	.644	0	%100
161	MP4B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
162	MP4B	Z	.644	.644	0	%100
163	MP5B	X	0	0	0	%100
164	MP5B	Z	.644	.644	0	%100
165	C103	X	0	0	0	%100
166	C103	Z	.083	.083	0	%100
167	C104	X	0	0	0	%100
168	C104	Z	.018	.018	0	%100
169	C105	X	0	0	0	%100
170	C105	Z	.083	.083	0	%100
171	C106	X	0	0	0	%100
172	C106	Z	.018	.018	0	%100
173	C107	X	0	0	0	%100
174	C107	Z	.235	.235	0	%100
175	C108	X	0	0	0	%100
176	C108	Z	.235	.235	0	%100
177	C109	X	0	0	0	%100
178	C109	Z	.235	.235	0	%100
179	C110	X	0	0	0	%100
180	C110	Z	.634	.634	0	%100
181	C111	X	0	0	0	%100
182	C111	Z	.634	.634	0	%100
183	C112	X	0	0	0	%100
184	C112	Z	.634	.634	0	%100
185	C113	X	0	0	0	%100
186	C113	Z	.235	.235	0	%100
187	C114	X	0	0	0	%100
188	C114	Z	.235	.235	0	%100
189	C115	X	0	0	0	%100
190	C115	Z	.235	.235	0	%100
191	C116	X	0	0	0	%100
192	C116	Z	.634	.634	0	%100
193	C117	X	0	0	0	%100
194	C117	Z	.634	.634	0	%100
195	C118	X	0	0	0	%100
196	C118	Z	.634	.634	0	%100
197	C119	X	0	0	0	%100
198	C119	Z	.409	.409	0	%100
199	C120	X	0	0	0	%100
200	C120	Z	.409	.409	0	%100
201	C121	X	0	0	0	%100
202	C121	Z	.409	.409	0	%100
203	C122	X	0	0	0	%100
204	C122	Z	.409	.409	0	%100
205	C123	X	0	0	0	%100
206	C123	Z	.091	.091	0	%100
207	C124	X	0	0	0	%100
208	C124	Z	.091	.091	0	%100
209	C125	X	0	0	0	%100
210	C125	Z	.115	.115	0	%100
211	C126	X	0	0	0	%100
212	C126	Z	.529	.529	0	%100
213	C127	X	0	0	0	%100
214	C127	Z	.115	.115	0	%100
215	C128	X	0	0	0	%100
216	C128	Z	.529	.529	0	%100
217	C129	X	0	0	0	%100
218	C129	Z	.801	.801	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
219	C130	X	0	0	0	%100
220	C130	Z	.801	.801	0	%100
221	C131	X	0	0	0	%100
222	C131	Z	.484	.484	0	%100
223	C132	X	0	0	0	%100
224	C132	Z	.484	.484	0	%100
225	C133	X	0	0	0	%100
226	C133	Z	.271	.271	0	%100
227	C134	X	0	0	0	%100
228	C134	Z	.271	.271	0	%100
229	C135	X	0	0	0	%100
230	C135	Z	.279	.279	0	%100
231	C136	X	0	0	0	%100
232	C136	Z	.279	.279	0	%100
233	C137	X	0	0	0	%100
234	C137	Z	.392	.392	0	%100
235	C138	X	0	0	0	%100
236	C138	Z	.392	.392	0	%100
237	MP1C	X	0	0	0	%100
238	MP1C	Z	.644	.644	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	.779	.779	0	%100
241	MP3C	X	0	0	0	%100
242	MP3C	Z	.644	.644	0	%100
243	MP4C	X	0	0	0	%100
244	MP4C	Z	.644	.644	0	%100
245	MP5C	X	0	0	0	%100
246	MP5C	Z	.644	.644	0	%100
247	M156	X	0	0	0	%100
248	M156	Z	.511	.511	0	%100
249	M155	X	0	0	0	%100
250	M155	Z	.622	.622	0	%100
251	M156A	X	0	0	0	%100
252	M156A	Z	.021	.021	0	%100
253	M157	X	0	0	0	%100
254	M157	Z	.453	.453	0	%100
255	M158	X	0	0	0	%100
256	M158	Z	.071	.071	0	%100
257	M159	X	0	0	0	%100
258	M159	Z	.209	.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.003	-.003	0	%100
2	A1	Z	.006	.006	0	%100
3	A2	X	-.047	-.047	0	%100
4	A2	Z	.082	.082	0	%100
5	A3	X	-.003	-.003	0	%100
6	A3	Z	.006	.006	0	%100
7	A4	X	-.047	-.047	0	%100
8	A4	Z	.082	.082	0	%100
9	A5	X	-.352	-.352	0	%100
10	A5	Z	.609	.609	0	%100
11	A6	X	-.352	-.352	0	%100
12	A6	Z	.609	.609	0	%100
13	A7	X	-.352	-.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
14	A7	Z	.609	.609	0	%100
15	A8	X	-.083	-.083	0	%100
16	A8	Z	.144	.144	0	%100
17	A9	X	-.083	-.083	0	%100
18	A9	Z	.144	.144	0	%100
19	A10	X	-.083	-.083	0	%100
20	A10	Z	.144	.144	0	%100
21	A11	X	-.352	-.352	0	%100
22	A11	Z	.609	.609	0	%100
23	A12	X	-.352	-.352	0	%100
24	A12	Z	.609	.609	0	%100
25	A13	X	-.352	-.352	0	%100
26	A13	Z	.609	.609	0	%100
27	A14	X	-.083	-.083	0	%100
28	A14	Z	.144	.144	0	%100
29	A15	X	-.083	-.083	0	%100
30	A15	Z	.144	.144	0	%100
31	A16	X	-.083	-.083	0	%100
32	A16	Z	.144	.144	0	%100
33	A17	X	-.205	-.205	0	%100
34	A17	Z	.354	.354	0	%100
35	A18	X	-.205	-.205	0	%100
36	A18	Z	.354	.354	0	%100
37	A19	X	-.205	-.205	0	%100
38	A19	Z	.354	.354	0	%100
39	A20	X	-.205	-.205	0	%100
40	A20	Z	.354	.354	0	%100
41	A21	X	-.292	-.292	0	%100
42	A21	Z	.506	.506	0	%100
43	A22	X	-.292	-.292	0	%100
44	A22	Z	.506	.506	0	%100
45	A23	X	-.3	-.3	0	%100
46	A23	Z	.52	.52	0	%100
47	A24	X	-.022	-.022	0	%100
48	A24	Z	.037	.037	0	%100
49	A25	X	-.3	-.3	0	%100
50	A25	Z	.52	.52	0	%100
51	A26	X	-.022	-.022	0	%100
52	A26	Z	.037	.037	0	%100
53	A27	X	-.09	-.09	0	%100
54	A27	Z	.155	.155	0	%100
55	A28	X	-.09	-.09	0	%100
56	A28	Z	.155	.155	0	%100
57	A29	X	-.242	-.242	0	%100
58	A29	Z	.419	.419	0	%100
59	A30	X	-.242	-.242	0	%100
60	A30	Z	.419	.419	0	%100
61	A31	X	-.447	-.447	0	%100
62	A31	Z	.773	.773	0	%100
63	A32	X	-.447	-.447	0	%100
64	A32	Z	.773	.773	0	%100
65	A33	X	-.206	-.206	0	%100
66	A33	Z	.356	.356	0	%100
67	A34	X	-.206	-.206	0	%100
68	A34	Z	.356	.356	0	%100
69	A35	X	-.129	-.129	0	%100
70	A35	Z	.224	.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
71	A36	X	-.129	-.129	0	%100
72	A36	Z	.224	.224	0	%100
73	MP1A	X	-.322	-.322	0	%100
74	MP1A	Z	.557	.557	0	%100
75	MP2A	X	-.389	-.389	0	%100
76	MP2A	Z	.675	.675	0	%100
77	MP3A	X	-.322	-.322	0	%100
78	MP3A	Z	.557	.557	0	%100
79	MP4A	X	-.322	-.322	0	%100
80	MP4A	Z	.557	.557	0	%100
81	MP5A	X	-.322	-.322	0	%100
82	MP5A	Z	.557	.557	0	%100
83	B52	X	-.017	-.017	0	%100
84	B52	Z	.029	.029	0	%100
85	B53	X	-.034	-.034	0	%100
86	B53	Z	.059	.059	0	%100
87	B54	X	-.017	-.017	0	%100
88	B54	Z	.029	.029	0	%100
89	B55	X	-.034	-.034	0	%100
90	B55	Z	.059	.059	0	%100
91	B56	X	-.27	-.27	0	%100
92	B56	Z	.468	.468	0	%100
93	B57	X	-.27	-.27	0	%100
94	B57	Z	.468	.468	0	%100
95	B58	X	-.27	-.27	0	%100
96	B58	Z	.468	.468	0	%100
97	B59	X	-.164	-.164	0	%100
98	B59	Z	.284	.284	0	%100
99	B60	X	-.164	-.164	0	%100
100	B60	Z	.284	.284	0	%100
101	B61	X	-.164	-.164	0	%100
102	B61	Z	.284	.284	0	%100
103	B62	X	-.27	-.27	0	%100
104	B62	Z	.468	.468	0	%100
105	B63	X	-.27	-.27	0	%100
106	B63	Z	.468	.468	0	%100
107	B64	X	-.27	-.27	0	%100
108	B64	Z	.468	.468	0	%100
109	B65	X	-.164	-.164	0	%100
110	B65	Z	.284	.284	0	%100
111	B66	X	-.164	-.164	0	%100
112	B66	Z	.284	.284	0	%100
113	B67	X	-.164	-.164	0	%100
114	B67	Z	.284	.284	0	%100
115	B68	X	-.205	-.205	0	%100
116	B68	Z	.354	.354	0	%100
117	B69	X	-.205	-.205	0	%100
118	B69	Z	.354	.354	0	%100
119	B70	X	-.205	-.205	0	%100
120	B70	Z	.354	.354	0	%100
121	B71	X	-.205	-.205	0	%100
122	B71	Z	.354	.354	0	%100
123	B72	X	-.012	-.012	0	%100
124	B72	Z	.02	.02	0	%100
125	B73	X	-.012	-.012	0	%100
126	B73	Z	.02	.02	0	%100
127	B74	X	-.216	-.216	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
128	B74	Z	.374	.374	0	%100
129	B75	X	-.106	-.106	0	%100
130	B75	Z	.183	.183	0	%100
131	B76	X	-.216	-.216	0	%100
132	B76	Z	.374	.374	0	%100
133	B77	X	-.106	-.106	0	%100
134	B77	Z	.183	.183	0	%100
135	B78	X	-.198	-.198	0	%100
136	B78	Z	.342	.342	0	%100
137	B79	X	-.198	-.198	0	%100
138	B79	Z	.342	.342	0	%100
139	B80	X	-.242	-.242	0	%100
140	B80	Z	.419	.419	0	%100
141	B81	X	-.242	-.242	0	%100
142	B81	Z	.419	.419	0	%100
143	B82	X	-.339	-.339	0	%100
144	B82	Z	.586	.586	0	%100
145	B83	X	-.339	-.339	0	%100
146	B83	Z	.586	.586	0	%100
147	B84	X	-.183	-.183	0	%100
148	B84	Z	.316	.316	0	%100
149	B85	X	-.183	-.183	0	%100
150	B85	Z	.316	.316	0	%100
151	B86	X	-.153	-.153	0	%100
152	B86	Z	.264	.264	0	%100
153	B87	X	-.153	-.153	0	%100
154	B87	Z	.264	.264	0	%100
155	MP1B	X	-.322	-.322	0	%100
156	MP1B	Z	.557	.557	0	%100
157	MP2B	X	-.389	-.389	0	%100
158	MP2B	Z	.675	.675	0	%100
159	MP3B	X	-.322	-.322	0	%100
160	MP3B	Z	.557	.557	0	%100
161	MP4B	X	-.322	-.322	0	%100
162	MP4B	Z	.557	.557	0	%100
163	MP5B	X	-.322	-.322	0	%100
164	MP5B	Z	.557	.557	0	%100
165	C103	X	-.05	-.05	0	%100
166	C103	Z	.087	.087	0	%100
167	C104	X	-.000387	-.000387	0	%100
168	C104	Z	.000671	.000671	0	%100
169	C105	X	-.05	-.05	0	%100
170	C105	Z	.087	.087	0	%100
171	C106	X	-.000387	-.000387	0	%100
172	C106	Z	.000671	.000671	0	%100
173	C107	X	-.064	-.064	0	%100
174	C107	Z	.112	.112	0	%100
175	C108	X	-.064	-.064	0	%100
176	C108	Z	.112	.112	0	%100
177	C109	X	-.064	-.064	0	%100
178	C109	Z	.112	.112	0	%100
179	C110	X	-.37	-.37	0	%100
180	C110	Z	.641	.641	0	%100
181	C111	X	-.37	-.37	0	%100
182	C111	Z	.641	.641	0	%100
183	C112	X	-.37	-.37	0	%100
184	C112	Z	.641	.641	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
185	C113	X	-.064	-.064	0	%100
186	C113	Z	.112	.112	0	%100
187	C114	X	-.064	-.064	0	%100
188	C114	Z	.112	.112	0	%100
189	C115	X	-.064	-.064	0	%100
190	C115	Z	.112	.112	0	%100
191	C116	X	-.37	-.37	0	%100
192	C116	Z	.641	.641	0	%100
193	C117	X	-.37	-.37	0	%100
194	C117	Z	.641	.641	0	%100
195	C118	X	-.37	-.37	0	%100
196	C118	Z	.641	.641	0	%100
197	C119	X	-.205	-.205	0	%100
198	C119	Z	.354	.354	0	%100
199	C120	X	-.205	-.205	0	%100
200	C120	Z	.354	.354	0	%100
201	C121	X	-.205	-.205	0	%100
202	C121	Z	.354	.354	0	%100
203	C122	X	-.205	-.205	0	%100
204	C122	Z	.354	.354	0	%100
205	C123	X	-.229	-.229	0	%100
206	C123	Z	.396	.396	0	%100
207	C124	X	-.229	-.229	0	%100
208	C124	Z	.396	.396	0	%100
209	C125	X	-.002	-.002	0	%100
210	C125	Z	.004	.004	0	%100
211	C126	X	-.319	-.319	0	%100
212	C126	Z	.553	.553	0	%100
213	C127	X	-.002	-.002	0	%100
214	C127	Z	.004	.004	0	%100
215	C128	X	-.319	-.319	0	%100
216	C128	Z	.553	.553	0	%100
217	C129	X	-.471	-.471	0	%100
218	C129	Z	.816	.816	0	%100
219	C130	X	-.471	-.471	0	%100
220	C130	Z	.816	.816	0	%100
221	C131	X	-.242	-.242	0	%100
222	C131	Z	.419	.419	0	%100
223	C132	X	-.242	-.242	0	%100
224	C132	Z	.419	.419	0	%100
225	C133	X	-.065	-.065	0	%100
226	C133	Z	.113	.113	0	%100
227	C134	X	-.065	-.065	0	%100
228	C134	Z	.113	.113	0	%100
229	C135	X	-.124	-.124	0	%100
230	C135	Z	.215	.215	0	%100
231	C136	X	-.124	-.124	0	%100
232	C136	Z	.215	.215	0	%100
233	C137	X	-.211	-.211	0	%100
234	C137	Z	.365	.365	0	%100
235	C138	X	-.211	-.211	0	%100
236	C138	Z	.365	.365	0	%100
237	MP1C	X	-.322	-.322	0	%100
238	MP1C	Z	.557	.557	0	%100
239	MP2C	X	-.389	-.389	0	%100
240	MP2C	Z	.675	.675	0	%100
241	MP3C	X	-.322	-.322	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
242	MP3C	Z	.557	.557	0	%100
243	MP4C	X	-.322	-.322	0	%100
244	MP4C	Z	.557	.557	0	%100
245	MP5C	X	-.322	-.322	0	%100
246	MP5C	Z	.557	.557	0	%100
247	M156	X	-.321	-.321	0	%100
248	M156	Z	.556	.556	0	%100
249	M155	X	-.286	-.286	0	%100
250	M155	Z	.496	.496	0	%100
251	M156A	X	-.135	-.135	0	%100
252	M156A	Z	.235	.235	0	%100
253	M157	X	-.066	-.066	0	%100
254	M157	Z	.115	.115	0	%100
255	M158	X	-.185	-.185	0	%100
256	M158	Z	.321	.321	0	%100
257	M159	X	-.002	-.002	0	%100
258	M159	Z	.004	.004	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.006	-.006	0	%100
2	A1	Z	.003	.003	0	%100
3	A2	X	-.082	-.082	0	%100
4	A2	Z	.047	.047	0	%100
5	A3	X	-.006	-.006	0	%100
6	A3	Z	.003	.003	0	%100
7	A4	X	-.082	-.082	0	%100
8	A4	Z	.047	.047	0	%100
9	A5	X	-.609	-.609	0	%100
10	A5	Z	.352	.352	0	%100
11	A6	X	-.609	-.609	0	%100
12	A6	Z	.352	.352	0	%100
13	A7	X	-.609	-.609	0	%100
14	A7	Z	.352	.352	0	%100
15	A8	X	-.144	-.144	0	%100
16	A8	Z	.083	.083	0	%100
17	A9	X	-.144	-.144	0	%100
18	A9	Z	.083	.083	0	%100
19	A10	X	-.144	-.144	0	%100
20	A10	Z	.083	.083	0	%100
21	A11	X	-.609	-.609	0	%100
22	A11	Z	.352	.352	0	%100
23	A12	X	-.609	-.609	0	%100
24	A12	Z	.352	.352	0	%100
25	A13	X	-.609	-.609	0	%100
26	A13	Z	.352	.352	0	%100
27	A14	X	-.144	-.144	0	%100
28	A14	Z	.083	.083	0	%100
29	A15	X	-.144	-.144	0	%100
30	A15	Z	.083	.083	0	%100
31	A16	X	-.144	-.144	0	%100
32	A16	Z	.083	.083	0	%100
33	A17	X	-.354	-.354	0	%100
34	A17	Z	.205	.205	0	%100
35	A18	X	-.354	-.354	0	%100
36	A18	Z	.205	.205	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
37	A19	X	-.354	-.354	0	%100
38	A19	Z	.205	.205	0	%100
39	A20	X	-.354	-.354	0	%100
40	A20	Z	.205	.205	0	%100
41	A21	X	-.169	-.169	0	%100
42	A21	Z	.097	.097	0	%100
43	A22	X	-.169	-.169	0	%100
44	A22	Z	.097	.097	0	%100
45	A23	X	-.52	-.52	0	%100
46	A23	Z	.3	.3	0	%100
47	A24	X	-.037	-.037	0	%100
48	A24	Z	.022	.022	0	%100
49	A25	X	-.52	-.52	0	%100
50	A25	Z	.3	.3	0	%100
51	A26	X	-.037	-.037	0	%100
52	A26	Z	.022	.022	0	%100
53	A27	X	-.155	-.155	0	%100
54	A27	Z	.09	.09	0	%100
55	A28	X	-.155	-.155	0	%100
56	A28	Z	.09	.09	0	%100
57	A29	X	-.419	-.419	0	%100
58	A29	Z	.242	.242	0	%100
59	A30	X	-.419	-.419	0	%100
60	A30	Z	.242	.242	0	%100
61	A31	X	-.773	-.773	0	%100
62	A31	Z	.447	.447	0	%100
63	A32	X	-.773	-.773	0	%100
64	A32	Z	.447	.447	0	%100
65	A33	X	-.356	-.356	0	%100
66	A33	Z	.206	.206	0	%100
67	A34	X	-.356	-.356	0	%100
68	A34	Z	.206	.206	0	%100
69	A35	X	-.224	-.224	0	%100
70	A35	Z	.129	.129	0	%100
71	A36	X	-.224	-.224	0	%100
72	A36	Z	.129	.129	0	%100
73	MP1A	X	-.557	-.557	0	%100
74	MP1A	Z	.322	.322	0	%100
75	MP2A	X	-.675	-.675	0	%100
76	MP2A	Z	.389	.389	0	%100
77	MP3A	X	-.557	-.557	0	%100
78	MP3A	Z	.322	.322	0	%100
79	MP4A	X	-.557	-.557	0	%100
80	MP4A	Z	.322	.322	0	%100
81	MP5A	X	-.557	-.557	0	%100
82	MP5A	Z	.322	.322	0	%100
83	B52	X	-.072	-.072	0	%100
84	B52	Z	.042	.042	0	%100
85	B53	X	-.016	-.016	0	%100
86	B53	Z	.009	.009	0	%100
87	B54	X	-.072	-.072	0	%100
88	B54	Z	.042	.042	0	%100
89	B55	X	-.016	-.016	0	%100
90	B55	Z	.009	.009	0	%100
91	B56	X	-.204	-.204	0	%100
92	B56	Z	.118	.118	0	%100
93	B57	X	-.204	-.204	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
94	B57	Z	.118	.118	0	%100
95	B58	X	-.204	-.204	0	%100
96	B58	Z	.118	.118	0	%100
97	B59	X	-.549	-.549	0	%100
98	B59	Z	.317	.317	0	%100
99	B60	X	-.549	-.549	0	%100
100	B60	Z	.317	.317	0	%100
101	B61	X	-.549	-.549	0	%100
102	B61	Z	.317	.317	0	%100
103	B62	X	-.204	-.204	0	%100
104	B62	Z	.118	.118	0	%100
105	B63	X	-.204	-.204	0	%100
106	B63	Z	.118	.118	0	%100
107	B64	X	-.204	-.204	0	%100
108	B64	Z	.118	.118	0	%100
109	B65	X	-.549	-.549	0	%100
110	B65	Z	.317	.317	0	%100
111	B66	X	-.549	-.549	0	%100
112	B66	Z	.317	.317	0	%100
113	B67	X	-.549	-.549	0	%100
114	B67	Z	.317	.317	0	%100
115	B68	X	-.354	-.354	0	%100
116	B68	Z	.205	.205	0	%100
117	B69	X	-.354	-.354	0	%100
118	B69	Z	.205	.205	0	%100
119	B70	X	-.354	-.354	0	%100
120	B70	Z	.205	.205	0	%100
121	B71	X	-.354	-.354	0	%100
122	B71	Z	.205	.205	0	%100
123	B72	X	-.079	-.079	0	%100
124	B72	Z	.046	.046	0	%100
125	B73	X	-.079	-.079	0	%100
126	B73	Z	.046	.046	0	%100
127	B74	X	-.099	-.099	0	%100
128	B74	Z	.057	.057	0	%100
129	B75	X	-.458	-.458	0	%100
130	B75	Z	.264	.264	0	%100
131	B76	X	-.099	-.099	0	%100
132	B76	Z	.057	.057	0	%100
133	B77	X	-.458	-.458	0	%100
134	B77	Z	.264	.264	0	%100
135	B78	X	-.694	-.694	0	%100
136	B78	Z	.401	.401	0	%100
137	B79	X	-.694	-.694	0	%100
138	B79	Z	.401	.401	0	%100
139	B80	X	-.419	-.419	0	%100
140	B80	Z	.242	.242	0	%100
141	B81	X	-.419	-.419	0	%100
142	B81	Z	.242	.242	0	%100
143	B82	X	-.235	-.235	0	%100
144	B82	Z	.136	.136	0	%100
145	B83	X	-.235	-.235	0	%100
146	B83	Z	.136	.136	0	%100
147	B84	X	-.241	-.241	0	%100
148	B84	Z	.139	.139	0	%100
149	B85	X	-.241	-.241	0	%100
150	B85	Z	.139	.139	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
151	B86	X	-.339	-.339	0	%100
152	B86	Z	.196	.196	0	%100
153	B87	X	-.339	-.339	0	%100
154	B87	Z	.196	.196	0	%100
155	MP1B	X	-.557	-.557	0	%100
156	MP1B	Z	.322	.322	0	%100
157	MP2B	X	-.675	-.675	0	%100
158	MP2B	Z	.389	.389	0	%100
159	MP3B	X	-.557	-.557	0	%100
160	MP3B	Z	.322	.322	0	%100
161	MP4B	X	-.557	-.557	0	%100
162	MP4B	Z	.322	.322	0	%100
163	MP5B	X	-.557	-.557	0	%100
164	MP5B	Z	.322	.322	0	%100
165	C103	X	-.059	-.059	0	%100
166	C103	Z	.034	.034	0	%100
167	C104	X	-.029	-.029	0	%100
168	C104	Z	.017	.017	0	%100
169	C105	X	-.059	-.059	0	%100
170	C105	Z	.034	.034	0	%100
171	C106	X	-.029	-.029	0	%100
172	C106	Z	.017	.017	0	%100
173	C107	X	-.284	-.284	0	%100
174	C107	Z	.164	.164	0	%100
175	C108	X	-.284	-.284	0	%100
176	C108	Z	.164	.164	0	%100
177	C109	X	-.284	-.284	0	%100
178	C109	Z	.164	.164	0	%100
179	C110	X	-.468	-.468	0	%100
180	C110	Z	.27	.27	0	%100
181	C111	X	-.468	-.468	0	%100
182	C111	Z	.27	.27	0	%100
183	C112	X	-.468	-.468	0	%100
184	C112	Z	.27	.27	0	%100
185	C113	X	-.284	-.284	0	%100
186	C113	Z	.164	.164	0	%100
187	C114	X	-.284	-.284	0	%100
188	C114	Z	.164	.164	0	%100
189	C115	X	-.284	-.284	0	%100
190	C115	Z	.164	.164	0	%100
191	C116	X	-.468	-.468	0	%100
192	C116	Z	.27	.27	0	%100
193	C117	X	-.468	-.468	0	%100
194	C117	Z	.27	.27	0	%100
195	C118	X	-.468	-.468	0	%100
196	C118	Z	.27	.27	0	%100
197	C119	X	-.354	-.354	0	%100
198	C119	Z	.205	.205	0	%100
199	C120	X	-.354	-.354	0	%100
200	C120	Z	.205	.205	0	%100
201	C121	X	-.354	-.354	0	%100
202	C121	Z	.205	.205	0	%100
203	C122	X	-.354	-.354	0	%100
204	C122	Z	.205	.205	0	%100
205	C123	X	-.654	-.654	0	%100
206	C123	Z	.378	.378	0	%100
207	C124	X	-.654	-.654	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
208	C124	Z	.378	.378	0	%100
209	C125	X	-.183	-.183	0	%100
210	C125	Z	.106	.106	0	%100
211	C126	X	-.374	-.374	0	%100
212	C126	Z	.216	.216	0	%100
213	C127	X	-.183	-.183	0	%100
214	C127	Z	.106	.106	0	%100
215	C128	X	-.374	-.374	0	%100
216	C128	Z	.216	.216	0	%100
217	C129	X	-.586	-.586	0	%100
218	C129	Z	.339	.339	0	%100
219	C130	X	-.586	-.586	0	%100
220	C130	Z	.339	.339	0	%100
221	C131	X	-.419	-.419	0	%100
222	C131	Z	.242	.242	0	%100
223	C132	X	-.419	-.419	0	%100
224	C132	Z	.242	.242	0	%100
225	C133	X	-.342	-.342	0	%100
226	C133	Z	.198	.198	0	%100
227	C134	X	-.342	-.342	0	%100
228	C134	Z	.198	.198	0	%100
229	C135	X	-.264	-.264	0	%100
230	C135	Z	.153	.153	0	%100
231	C136	X	-.264	-.264	0	%100
232	C136	Z	.153	.153	0	%100
233	C137	X	-.316	-.316	0	%100
234	C137	Z	.183	.183	0	%100
235	C138	X	-.316	-.316	0	%100
236	C138	Z	.183	.183	0	%100
237	MP1C	X	-.557	-.557	0	%100
238	MP1C	Z	.322	.322	0	%100
239	MP2C	X	-.675	-.675	0	%100
240	MP2C	Z	.389	.389	0	%100
241	MP3C	X	-.557	-.557	0	%100
242	MP3C	Z	.322	.322	0	%100
243	MP4C	X	-.557	-.557	0	%100
244	MP4C	Z	.322	.322	0	%100
245	MP5C	X	-.557	-.557	0	%100
246	MP5C	Z	.322	.322	0	%100
247	M156	X	-.392	-.392	0	%100
248	M156	Z	.226	.226	0	%100
249	M155	X	-.237	-.237	0	%100
250	M155	Z	.137	.137	0	%100
251	M156A	X	-.495	-.495	0	%100
252	M156A	Z	.286	.286	0	%100
253	M157	X	-.001	-.001	0	%100
254	M157	Z	.000864	.000864	0	%100
255	M158	X	-.538	-.538	0	%100
256	M158	Z	.311	.311	0	%100
257	M159	X	-.101	-.101	0	%100
258	M159	Z	.059	.059	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.051	-.051	0	%100
2	A1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
3	A2	X	-.051	-.051	0	%100
4	A2	Z	0	0	0	%100
5	A3	X	-.051	-.051	0	%100
6	A3	Z	0	0	0	%100
7	A4	X	-.051	-.051	0	%100
8	A4	Z	0	0	0	%100
9	A5	X	-.435	-.435	0	%100
10	A5	Z	0	0	0	%100
11	A6	X	-.435	-.435	0	%100
12	A6	Z	0	0	0	%100
13	A7	X	-.435	-.435	0	%100
14	A7	Z	0	0	0	%100
15	A8	X	-.435	-.435	0	%100
16	A8	Z	0	0	0	%100
17	A9	X	-.435	-.435	0	%100
18	A9	Z	0	0	0	%100
19	A10	X	-.435	-.435	0	%100
20	A10	Z	0	0	0	%100
21	A11	X	-.435	-.435	0	%100
22	A11	Z	0	0	0	%100
23	A12	X	-.435	-.435	0	%100
24	A12	Z	0	0	0	%100
25	A13	X	-.435	-.435	0	%100
26	A13	Z	0	0	0	%100
27	A14	X	-.435	-.435	0	%100
28	A14	Z	0	0	0	%100
29	A15	X	-.435	-.435	0	%100
30	A15	Z	0	0	0	%100
31	A16	X	-.435	-.435	0	%100
32	A16	Z	0	0	0	%100
33	A17	X	-.409	-.409	0	%100
34	A17	Z	0	0	0	%100
35	A18	X	-.409	-.409	0	%100
36	A18	Z	0	0	0	%100
37	A19	X	-.409	-.409	0	%100
38	A19	Z	0	0	0	%100
39	A20	X	-.409	-.409	0	%100
40	A20	Z	0	0	0	%100
41	A21	X	0	0	0	%100
42	A21	Z	0	0	0	%100
43	A22	X	0	0	0	%100
44	A22	Z	0	0	0	%100
45	A23	X	-.322	-.322	0	%100
46	A23	Z	0	0	0	%100
47	A24	X	-.322	-.322	0	%100
48	A24	Z	0	0	0	%100
49	A25	X	-.322	-.322	0	%100
50	A25	Z	0	0	0	%100
51	A26	X	-.322	-.322	0	%100
52	A26	Z	0	0	0	%100
53	A27	X	-.536	-.536	0	%100
54	A27	Z	0	0	0	%100
55	A28	X	-.536	-.536	0	%100
56	A28	Z	0	0	0	%100
57	A29	X	-.484	-.484	0	%100
58	A29	Z	0	0	0	%100
59	A30	X	-.484	-.484	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
60	A30	Z	0	0	0	%100
61	A31	X	-.536	-.536	0	%100
62	A31	Z	0	0	0	%100
63	A32	X	-.536	-.536	0	%100
64	A32	Z	0	0	0	%100
65	A33	X	-.335	-.335	0	%100
66	A33	Z	0	0	0	%100
67	A34	X	-.335	-.335	0	%100
68	A34	Z	0	0	0	%100
69	A35	X	-.335	-.335	0	%100
70	A35	Z	0	0	0	%100
71	A36	X	-.335	-.335	0	%100
72	A36	Z	0	0	0	%100
73	MP1A	X	-.644	-.644	0	%100
74	MP1A	Z	0	0	0	%100
75	MP2A	X	-.779	-.779	0	%100
76	MP2A	Z	0	0	0	%100
77	MP3A	X	-.644	-.644	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	-.644	-.644	0	%100
80	MP4A	Z	0	0	0	%100
81	MP5A	X	-.644	-.644	0	%100
82	MP5A	Z	0	0	0	%100
83	B52	X	-.101	-.101	0	%100
84	B52	Z	0	0	0	%100
85	B53	X	-.000774	-.000774	0	%100
86	B53	Z	0	0	0	%100
87	B54	X	-.101	-.101	0	%100
88	B54	Z	0	0	0	%100
89	B55	X	-.000774	-.000774	0	%100
90	B55	Z	0	0	0	%100
91	B56	X	-.129	-.129	0	%100
92	B56	Z	0	0	0	%100
93	B57	X	-.129	-.129	0	%100
94	B57	Z	0	0	0	%100
95	B58	X	-.129	-.129	0	%100
96	B58	Z	0	0	0	%100
97	B59	X	-.74	-.74	0	%100
98	B59	Z	0	0	0	%100
99	B60	X	-.74	-.74	0	%100
100	B60	Z	0	0	0	%100
101	B61	X	-.74	-.74	0	%100
102	B61	Z	0	0	0	%100
103	B62	X	-.129	-.129	0	%100
104	B62	Z	0	0	0	%100
105	B63	X	-.129	-.129	0	%100
106	B63	Z	0	0	0	%100
107	B64	X	-.129	-.129	0	%100
108	B64	Z	0	0	0	%100
109	B65	X	-.74	-.74	0	%100
110	B65	Z	0	0	0	%100
111	B66	X	-.74	-.74	0	%100
112	B66	Z	0	0	0	%100
113	B67	X	-.74	-.74	0	%100
114	B67	Z	0	0	0	%100
115	B68	X	-.409	-.409	0	%100
116	B68	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
117	B69	X	-.409	-.409	0	%100
118	B69	Z	0	0	0	%100
119	B70	X	-.409	-.409	0	%100
120	B70	Z	0	0	0	%100
121	B71	X	-.409	-.409	0	%100
122	B71	Z	0	0	0	%100
123	B72	X	-.457	-.457	0	%100
124	B72	Z	0	0	0	%100
125	B73	X	-.457	-.457	0	%100
126	B73	Z	0	0	0	%100
127	B74	X	-.005	-.005	0	%100
128	B74	Z	0	0	0	%100
129	B75	X	-.639	-.639	0	%100
130	B75	Z	0	0	0	%100
131	B76	X	-.005	-.005	0	%100
132	B76	Z	0	0	0	%100
133	B77	X	-.639	-.639	0	%100
134	B77	Z	0	0	0	%100
135	B78	X	-.942	-.942	0	%100
136	B78	Z	0	0	0	%100
137	B79	X	-.942	-.942	0	%100
138	B79	Z	0	0	0	%100
139	B80	X	-.484	-.484	0	%100
140	B80	Z	0	0	0	%100
141	B81	X	-.484	-.484	0	%100
142	B81	Z	0	0	0	%100
143	B82	X	-.13	-.13	0	%100
144	B82	Z	0	0	0	%100
145	B83	X	-.13	-.13	0	%100
146	B83	Z	0	0	0	%100
147	B84	X	-.248	-.248	0	%100
148	B84	Z	0	0	0	%100
149	B85	X	-.248	-.248	0	%100
150	B85	Z	0	0	0	%100
151	B86	X	-.422	-.422	0	%100
152	B86	Z	0	0	0	%100
153	B87	X	-.422	-.422	0	%100
154	B87	Z	0	0	0	%100
155	MP1B	X	-.644	-.644	0	%100
156	MP1B	Z	0	0	0	%100
157	MP2B	X	-.779	-.779	0	%100
158	MP2B	Z	0	0	0	%100
159	MP3B	X	-.644	-.644	0	%100
160	MP3B	Z	0	0	0	%100
161	MP4B	X	-.644	-.644	0	%100
162	MP4B	Z	0	0	0	%100
163	MP5B	X	-.644	-.644	0	%100
164	MP5B	Z	0	0	0	%100
165	C103	X	-.018	-.018	0	%100
166	C103	Z	0	0	0	%100
167	C104	X	-.083	-.083	0	%100
168	C104	Z	0	0	0	%100
169	C105	X	-.018	-.018	0	%100
170	C105	Z	0	0	0	%100
171	C106	X	-.083	-.083	0	%100
172	C106	Z	0	0	0	%100
173	C107	X	-.634	-.634	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
174	C107	Z	0	0	0	%100
175	C108	X	-.634	-.634	0	%100
176	C108	Z	0	0	0	%100
177	C109	X	-.634	-.634	0	%100
178	C109	Z	0	0	0	%100
179	C110	X	-.235	-.235	0	%100
180	C110	Z	0	0	0	%100
181	C111	X	-.235	-.235	0	%100
182	C111	Z	0	0	0	%100
183	C112	X	-.235	-.235	0	%100
184	C112	Z	0	0	0	%100
185	C113	X	-.634	-.634	0	%100
186	C113	Z	0	0	0	%100
187	C114	X	-.634	-.634	0	%100
188	C114	Z	0	0	0	%100
189	C115	X	-.634	-.634	0	%100
190	C115	Z	0	0	0	%100
191	C116	X	-.235	-.235	0	%100
192	C116	Z	0	0	0	%100
193	C117	X	-.235	-.235	0	%100
194	C117	Z	0	0	0	%100
195	C118	X	-.235	-.235	0	%100
196	C118	Z	0	0	0	%100
197	C119	X	-.409	-.409	0	%100
198	C119	Z	0	0	0	%100
199	C120	X	-.409	-.409	0	%100
200	C120	Z	0	0	0	%100
201	C121	X	-.409	-.409	0	%100
202	C121	Z	0	0	0	%100
203	C122	X	-.409	-.409	0	%100
204	C122	Z	0	0	0	%100
205	C123	X	-.688	-.688	0	%100
206	C123	Z	0	0	0	%100
207	C124	X	-.688	-.688	0	%100
208	C124	Z	0	0	0	%100
209	C125	X	-.529	-.529	0	%100
210	C125	Z	0	0	0	%100
211	C126	X	-.115	-.115	0	%100
212	C126	Z	0	0	0	%100
213	C127	X	-.529	-.529	0	%100
214	C127	Z	0	0	0	%100
215	C128	X	-.115	-.115	0	%100
216	C128	Z	0	0	0	%100
217	C129	X	-.271	-.271	0	%100
218	C129	Z	0	0	0	%100
219	C130	X	-.271	-.271	0	%100
220	C130	Z	0	0	0	%100
221	C131	X	-.484	-.484	0	%100
222	C131	Z	0	0	0	%100
223	C132	X	-.484	-.484	0	%100
224	C132	Z	0	0	0	%100
225	C133	X	-.801	-.801	0	%100
226	C133	Z	0	0	0	%100
227	C134	X	-.801	-.801	0	%100
228	C134	Z	0	0	0	%100
229	C135	X	-.392	-.392	0	%100
230	C135	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
231	C136	X	-.392	-.392	0	%100
232	C136	Z	0	0	0	%100
233	C137	X	-.279	-.279	0	%100
234	C137	Z	0	0	0	%100
235	C138	X	-.279	-.279	0	%100
236	C138	Z	0	0	0	%100
237	MP1C	X	-.644	-.644	0	%100
238	MP1C	Z	0	0	0	%100
239	MP2C	X	-.779	-.779	0	%100
240	MP2C	Z	0	0	0	%100
241	MP3C	X	-.644	-.644	0	%100
242	MP3C	Z	0	0	0	%100
243	MP4C	X	-.644	-.644	0	%100
244	MP4C	Z	0	0	0	%100
245	MP5C	X	-.644	-.644	0	%100
246	MP5C	Z	0	0	0	%100
247	M156	X	-.133	-.133	0	%100
248	M156	Z	0	0	0	%100
249	M155	X	-.022	-.022	0	%100
250	M155	Z	0	0	0	%100
251	M156A	X	-.622	-.622	0	%100
252	M156A	Z	0	0	0	%100
253	M157	X	-.191	-.191	0	%100
254	M157	Z	0	0	0	%100
255	M158	X	-.573	-.573	0	%100
256	M158	Z	0	0	0	%100
257	M159	X	-.434	-.434	0	%100
258	M159	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.082	-.082	0	%100
2	A1	Z	-.047	-.047	0	%100
3	A2	X	-.006	-.006	0	%100
4	A2	Z	-.003	-.003	0	%100
5	A3	X	-.082	-.082	0	%100
6	A3	Z	-.047	-.047	0	%100
7	A4	X	-.006	-.006	0	%100
8	A4	Z	-.003	-.003	0	%100
9	A5	X	-.144	-.144	0	%100
10	A5	Z	-.083	-.083	0	%100
11	A6	X	-.144	-.144	0	%100
12	A6	Z	-.083	-.083	0	%100
13	A7	X	-.144	-.144	0	%100
14	A7	Z	-.083	-.083	0	%100
15	A8	X	-.609	-.609	0	%100
16	A8	Z	-.352	-.352	0	%100
17	A9	X	-.609	-.609	0	%100
18	A9	Z	-.352	-.352	0	%100
19	A10	X	-.609	-.609	0	%100
20	A10	Z	-.352	-.352	0	%100
21	A11	X	-.144	-.144	0	%100
22	A11	Z	-.083	-.083	0	%100
23	A12	X	-.144	-.144	0	%100
24	A12	Z	-.083	-.083	0	%100
25	A13	X	-.144	-.144	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
26	A13	Z	-.083	-.083	0	%100
27	A14	X	-.609	-.609	0	%100
28	A14	Z	-.352	-.352	0	%100
29	A15	X	-.609	-.609	0	%100
30	A15	Z	-.352	-.352	0	%100
31	A16	X	-.609	-.609	0	%100
32	A16	Z	-.352	-.352	0	%100
33	A17	X	-.354	-.354	0	%100
34	A17	Z	-.205	-.205	0	%100
35	A18	X	-.354	-.354	0	%100
36	A18	Z	-.205	-.205	0	%100
37	A19	X	-.354	-.354	0	%100
38	A19	Z	-.205	-.205	0	%100
39	A20	X	-.354	-.354	0	%100
40	A20	Z	-.205	-.205	0	%100
41	A21	X	-.169	-.169	0	%100
42	A21	Z	-.097	-.097	0	%100
43	A22	X	-.169	-.169	0	%100
44	A22	Z	-.097	-.097	0	%100
45	A23	X	-.037	-.037	0	%100
46	A23	Z	-.022	-.022	0	%100
47	A24	X	-.52	-.52	0	%100
48	A24	Z	-.3	-.3	0	%100
49	A25	X	-.037	-.037	0	%100
50	A25	Z	-.022	-.022	0	%100
51	A26	X	-.52	-.52	0	%100
52	A26	Z	-.3	-.3	0	%100
53	A27	X	-.773	-.773	0	%100
54	A27	Z	-.447	-.447	0	%100
55	A28	X	-.773	-.773	0	%100
56	A28	Z	-.447	-.447	0	%100
57	A29	X	-.419	-.419	0	%100
58	A29	Z	-.242	-.242	0	%100
59	A30	X	-.419	-.419	0	%100
60	A30	Z	-.242	-.242	0	%100
61	A31	X	-.155	-.155	0	%100
62	A31	Z	-.09	-.09	0	%100
63	A32	X	-.155	-.155	0	%100
64	A32	Z	-.09	-.09	0	%100
65	A33	X	-.224	-.224	0	%100
66	A33	Z	-.129	-.129	0	%100
67	A34	X	-.224	-.224	0	%100
68	A34	Z	-.129	-.129	0	%100
69	A35	X	-.356	-.356	0	%100
70	A35	Z	-.206	-.206	0	%100
71	A36	X	-.356	-.356	0	%100
72	A36	Z	-.206	-.206	0	%100
73	MP1A	X	-.557	-.557	0	%100
74	MP1A	Z	-.322	-.322	0	%100
75	MP2A	X	-.675	-.675	0	%100
76	MP2A	Z	-.389	-.389	0	%100
77	MP3A	X	-.557	-.557	0	%100
78	MP3A	Z	-.322	-.322	0	%100
79	MP4A	X	-.557	-.557	0	%100
80	MP4A	Z	-.322	-.322	0	%100
81	MP5A	X	-.557	-.557	0	%100
82	MP5A	Z	-.322	-.322	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
83	B52	X	-.059	-.059	0	%100
84	B52	Z	-.034	-.034	0	%100
85	B53	X	-.029	-.029	0	%100
86	B53	Z	-.017	-.017	0	%100
87	B54	X	-.059	-.059	0	%100
88	B54	Z	-.034	-.034	0	%100
89	B55	X	-.029	-.029	0	%100
90	B55	Z	-.017	-.017	0	%100
91	B56	X	-.284	-.284	0	%100
92	B56	Z	-.164	-.164	0	%100
93	B57	X	-.284	-.284	0	%100
94	B57	Z	-.164	-.164	0	%100
95	B58	X	-.284	-.284	0	%100
96	B58	Z	-.164	-.164	0	%100
97	B59	X	-.468	-.468	0	%100
98	B59	Z	-.27	-.27	0	%100
99	B60	X	-.468	-.468	0	%100
100	B60	Z	-.27	-.27	0	%100
101	B61	X	-.468	-.468	0	%100
102	B61	Z	-.27	-.27	0	%100
103	B62	X	-.284	-.284	0	%100
104	B62	Z	-.164	-.164	0	%100
105	B63	X	-.284	-.284	0	%100
106	B63	Z	-.164	-.164	0	%100
107	B64	X	-.284	-.284	0	%100
108	B64	Z	-.164	-.164	0	%100
109	B65	X	-.468	-.468	0	%100
110	B65	Z	-.27	-.27	0	%100
111	B66	X	-.468	-.468	0	%100
112	B66	Z	-.27	-.27	0	%100
113	B67	X	-.468	-.468	0	%100
114	B67	Z	-.27	-.27	0	%100
115	B68	X	-.354	-.354	0	%100
116	B68	Z	-.205	-.205	0	%100
117	B69	X	-.354	-.354	0	%100
118	B69	Z	-.205	-.205	0	%100
119	B70	X	-.354	-.354	0	%100
120	B70	Z	-.205	-.205	0	%100
121	B71	X	-.354	-.354	0	%100
122	B71	Z	-.205	-.205	0	%100
123	B72	X	-.654	-.654	0	%100
124	B72	Z	-.378	-.378	0	%100
125	B73	X	-.654	-.654	0	%100
126	B73	Z	-.378	-.378	0	%100
127	B74	X	-.183	-.183	0	%100
128	B74	Z	-.106	-.106	0	%100
129	B75	X	-.374	-.374	0	%100
130	B75	Z	-.216	-.216	0	%100
131	B76	X	-.183	-.183	0	%100
132	B76	Z	-.106	-.106	0	%100
133	B77	X	-.374	-.374	0	%100
134	B77	Z	-.216	-.216	0	%100
135	B78	X	-.586	-.586	0	%100
136	B78	Z	-.339	-.339	0	%100
137	B79	X	-.586	-.586	0	%100
138	B79	Z	-.339	-.339	0	%100
139	B80	X	-.419	-.419	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
140	B80	Z	-.242	-.242	0	%100
141	B81	X	-.419	-.419	0	%100
142	B81	Z	-.242	-.242	0	%100
143	B82	X	-.342	-.342	0	%100
144	B82	Z	-.198	-.198	0	%100
145	B83	X	-.342	-.342	0	%100
146	B83	Z	-.198	-.198	0	%100
147	B84	X	-.264	-.264	0	%100
148	B84	Z	-.153	-.153	0	%100
149	B85	X	-.264	-.264	0	%100
150	B85	Z	-.153	-.153	0	%100
151	B86	X	-.316	-.316	0	%100
152	B86	Z	-.183	-.183	0	%100
153	B87	X	-.316	-.316	0	%100
154	B87	Z	-.183	-.183	0	%100
155	MP1B	X	-.557	-.557	0	%100
156	MP1B	Z	-.322	-.322	0	%100
157	MP2B	X	-.675	-.675	0	%100
158	MP2B	Z	-.389	-.389	0	%100
159	MP3B	X	-.557	-.557	0	%100
160	MP3B	Z	-.322	-.322	0	%100
161	MP4B	X	-.557	-.557	0	%100
162	MP4B	Z	-.322	-.322	0	%100
163	MP5B	X	-.557	-.557	0	%100
164	MP5B	Z	-.322	-.322	0	%100
165	C103	X	-.000666	-.000666	0	%100
166	C103	Z	-.000385	-.000385	0	%100
167	C104	X	-.087	-.087	0	%100
168	C104	Z	-.05	-.05	0	%100
169	C105	X	-.000666	-.000666	0	%100
170	C105	Z	-.000385	-.000385	0	%100
171	C106	X	-.087	-.087	0	%100
172	C106	Z	-.05	-.05	0	%100
173	C107	X	-.641	-.641	0	%100
174	C107	Z	-.37	-.37	0	%100
175	C108	X	-.641	-.641	0	%100
176	C108	Z	-.37	-.37	0	%100
177	C109	X	-.641	-.641	0	%100
178	C109	Z	-.37	-.37	0	%100
179	C110	X	-.112	-.112	0	%100
180	C110	Z	-.064	-.064	0	%100
181	C111	X	-.112	-.112	0	%100
182	C111	Z	-.064	-.064	0	%100
183	C112	X	-.112	-.112	0	%100
184	C112	Z	-.064	-.064	0	%100
185	C113	X	-.641	-.641	0	%100
186	C113	Z	-.37	-.37	0	%100
187	C114	X	-.641	-.641	0	%100
188	C114	Z	-.37	-.37	0	%100
189	C115	X	-.641	-.641	0	%100
190	C115	Z	-.37	-.37	0	%100
191	C116	X	-.112	-.112	0	%100
192	C116	Z	-.064	-.064	0	%100
193	C117	X	-.112	-.112	0	%100
194	C117	Z	-.064	-.064	0	%100
195	C118	X	-.112	-.112	0	%100
196	C118	Z	-.064	-.064	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
197	C119	X	-.354	-.354	0	%100
198	C119	Z	-.205	-.205	0	%100
199	C120	X	-.354	-.354	0	%100
200	C120	Z	-.205	-.205	0	%100
201	C121	X	-.354	-.354	0	%100
202	C121	Z	-.205	-.205	0	%100
203	C122	X	-.354	-.354	0	%100
204	C122	Z	-.205	-.205	0	%100
205	C123	X	-.279	-.279	0	%100
206	C123	Z	-.161	-.161	0	%100
207	C124	X	-.279	-.279	0	%100
208	C124	Z	-.161	-.161	0	%100
209	C125	X	-.553	-.553	0	%100
210	C125	Z	-.319	-.319	0	%100
211	C126	X	-.004	-.004	0	%100
212	C126	Z	-.002	-.002	0	%100
213	C127	X	-.553	-.553	0	%100
214	C127	Z	-.319	-.319	0	%100
215	C128	X	-.004	-.004	0	%100
216	C128	Z	-.002	-.002	0	%100
217	C129	X	-.113	-.113	0	%100
218	C129	Z	-.065	-.065	0	%100
219	C130	X	-.113	-.113	0	%100
220	C130	Z	-.065	-.065	0	%100
221	C131	X	-.419	-.419	0	%100
222	C131	Z	-.242	-.242	0	%100
223	C132	X	-.419	-.419	0	%100
224	C132	Z	-.242	-.242	0	%100
225	C133	X	-.816	-.816	0	%100
226	C133	Z	-.471	-.471	0	%100
227	C134	X	-.816	-.816	0	%100
228	C134	Z	-.471	-.471	0	%100
229	C135	X	-.365	-.365	0	%100
230	C135	Z	-.211	-.211	0	%100
231	C136	X	-.365	-.365	0	%100
232	C136	Z	-.211	-.211	0	%100
233	C137	X	-.215	-.215	0	%100
234	C137	Z	-.124	-.124	0	%100
235	C138	X	-.215	-.215	0	%100
236	C138	Z	-.124	-.124	0	%100
237	MP1C	X	-.557	-.557	0	%100
238	MP1C	Z	-.322	-.322	0	%100
239	MP2C	X	-.675	-.675	0	%100
240	MP2C	Z	-.389	-.389	0	%100
241	MP3C	X	-.557	-.557	0	%100
242	MP3C	Z	-.322	-.322	0	%100
243	MP4C	X	-.557	-.557	0	%100
244	MP4C	Z	-.322	-.322	0	%100
245	MP5C	X	-.557	-.557	0	%100
246	MP5C	Z	-.322	-.322	0	%100
247	M156	X	-.001	-.001	0	%100
248	M156	Z	-.000864	-.000864	0	%100
249	M155	X	-.061	-.061	0	%100
250	M155	Z	-.035	-.035	0	%100
251	M156A	X	-.323	-.323	0	%100
252	M156A	Z	-.186	-.186	0	%100
253	M157	X	-.442	-.442	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
254	M157	Z	-.255	-.255	0	%100
255	M158	X	-.237	-.237	0	%100
256	M158	Z	-.137	-.137	0	%100
257	M159	X	-.553	-.553	0	%100
258	M159	Z	-.32	-.32	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	A1	X	-.047	-.047	0	%100
2	A1	Z	-.082	-.082	0	%100
3	A2	X	-.003	-.003	0	%100
4	A2	Z	-.006	-.006	0	%100
5	A3	X	-.047	-.047	0	%100
6	A3	Z	-.082	-.082	0	%100
7	A4	X	-.003	-.003	0	%100
8	A4	Z	-.006	-.006	0	%100
9	A5	X	-.083	-.083	0	%100
10	A5	Z	-.144	-.144	0	%100
11	A6	X	-.083	-.083	0	%100
12	A6	Z	-.144	-.144	0	%100
13	A7	X	-.083	-.083	0	%100
14	A7	Z	-.144	-.144	0	%100
15	A8	X	-.352	-.352	0	%100
16	A8	Z	-.609	-.609	0	%100
17	A9	X	-.352	-.352	0	%100
18	A9	Z	-.609	-.609	0	%100
19	A10	X	-.352	-.352	0	%100
20	A10	Z	-.609	-.609	0	%100
21	A11	X	-.083	-.083	0	%100
22	A11	Z	-.144	-.144	0	%100
23	A12	X	-.083	-.083	0	%100
24	A12	Z	-.144	-.144	0	%100
25	A13	X	-.083	-.083	0	%100
26	A13	Z	-.144	-.144	0	%100
27	A14	X	-.352	-.352	0	%100
28	A14	Z	-.609	-.609	0	%100
29	A15	X	-.352	-.352	0	%100
30	A15	Z	-.609	-.609	0	%100
31	A16	X	-.352	-.352	0	%100
32	A16	Z	-.609	-.609	0	%100
33	A17	X	-.205	-.205	0	%100
34	A17	Z	-.354	-.354	0	%100
35	A18	X	-.205	-.205	0	%100
36	A18	Z	-.354	-.354	0	%100
37	A19	X	-.205	-.205	0	%100
38	A19	Z	-.354	-.354	0	%100
39	A20	X	-.205	-.205	0	%100
40	A20	Z	-.354	-.354	0	%100
41	A21	X	-.292	-.292	0	%100
42	A21	Z	-.506	-.506	0	%100
43	A22	X	-.292	-.292	0	%100
44	A22	Z	-.506	-.506	0	%100
45	A23	X	-.022	-.022	0	%100
46	A23	Z	-.037	-.037	0	%100
47	A24	X	-.3	-.3	0	%100
48	A24	Z	-.52	-.52	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
49	A25	X	-.022	-.022	0	%100
50	A25	Z	-.037	-.037	0	%100
51	A26	X	-.3	-.3	0	%100
52	A26	Z	-.52	-.52	0	%100
53	A27	X	-.447	-.447	0	%100
54	A27	Z	-.773	-.773	0	%100
55	A28	X	-.447	-.447	0	%100
56	A28	Z	-.773	-.773	0	%100
57	A29	X	-.242	-.242	0	%100
58	A29	Z	-.419	-.419	0	%100
59	A30	X	-.242	-.242	0	%100
60	A30	Z	-.419	-.419	0	%100
61	A31	X	-.09	-.09	0	%100
62	A31	Z	-.155	-.155	0	%100
63	A32	X	-.09	-.09	0	%100
64	A32	Z	-.155	-.155	0	%100
65	A33	X	-.129	-.129	0	%100
66	A33	Z	-.224	-.224	0	%100
67	A34	X	-.129	-.129	0	%100
68	A34	Z	-.224	-.224	0	%100
69	A35	X	-.206	-.206	0	%100
70	A35	Z	-.356	-.356	0	%100
71	A36	X	-.206	-.206	0	%100
72	A36	Z	-.356	-.356	0	%100
73	MP1A	X	-.322	-.322	0	%100
74	MP1A	Z	-.557	-.557	0	%100
75	MP2A	X	-.389	-.389	0	%100
76	MP2A	Z	-.675	-.675	0	%100
77	MP3A	X	-.322	-.322	0	%100
78	MP3A	Z	-.557	-.557	0	%100
79	MP4A	X	-.322	-.322	0	%100
80	MP4A	Z	-.557	-.557	0	%100
81	MP5A	X	-.322	-.322	0	%100
82	MP5A	Z	-.557	-.557	0	%100
83	B52	X	-.009	-.009	0	%100
84	B52	Z	-.016	-.016	0	%100
85	B53	X	-.042	-.042	0	%100
86	B53	Z	-.072	-.072	0	%100
87	B54	X	-.009	-.009	0	%100
88	B54	Z	-.016	-.016	0	%100
89	B55	X	-.042	-.042	0	%100
90	B55	Z	-.072	-.072	0	%100
91	B56	X	-.317	-.317	0	%100
92	B56	Z	-.549	-.549	0	%100
93	B57	X	-.317	-.317	0	%100
94	B57	Z	-.549	-.549	0	%100
95	B58	X	-.317	-.317	0	%100
96	B58	Z	-.549	-.549	0	%100
97	B59	X	-.118	-.118	0	%100
98	B59	Z	-.204	-.204	0	%100
99	B60	X	-.118	-.118	0	%100
100	B60	Z	-.204	-.204	0	%100
101	B61	X	-.118	-.118	0	%100
102	B61	Z	-.204	-.204	0	%100
103	B62	X	-.317	-.317	0	%100
104	B62	Z	-.549	-.549	0	%100
105	B63	X	-.317	-.317	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
106	B63	Z	-.549	-.549	0	%100
107	B64	X	-.317	-.317	0	%100
108	B64	Z	-.549	-.549	0	%100
109	B65	X	-.118	-.118	0	%100
110	B65	Z	-.204	-.204	0	%100
111	B66	X	-.118	-.118	0	%100
112	B66	Z	-.204	-.204	0	%100
113	B67	X	-.118	-.118	0	%100
114	B67	Z	-.204	-.204	0	%100
115	B68	X	-.205	-.205	0	%100
116	B68	Z	-.354	-.354	0	%100
117	B69	X	-.205	-.205	0	%100
118	B69	Z	-.354	-.354	0	%100
119	B70	X	-.205	-.205	0	%100
120	B70	Z	-.354	-.354	0	%100
121	B71	X	-.205	-.205	0	%100
122	B71	Z	-.354	-.354	0	%100
123	B72	X	-.344	-.344	0	%100
124	B72	Z	-.596	-.596	0	%100
125	B73	X	-.344	-.344	0	%100
126	B73	Z	-.596	-.596	0	%100
127	B74	X	-.264	-.264	0	%100
128	B74	Z	-.458	-.458	0	%100
129	B75	X	-.058	-.058	0	%100
130	B75	Z	-.1	-.1	0	%100
131	B76	X	-.264	-.264	0	%100
132	B76	Z	-.458	-.458	0	%100
133	B77	X	-.058	-.058	0	%100
134	B77	Z	-.1	-.1	0	%100
135	B78	X	-.136	-.136	0	%100
136	B78	Z	-.235	-.235	0	%100
137	B79	X	-.136	-.136	0	%100
138	B79	Z	-.235	-.235	0	%100
139	B80	X	-.242	-.242	0	%100
140	B80	Z	-.419	-.419	0	%100
141	B81	X	-.242	-.242	0	%100
142	B81	Z	-.419	-.419	0	%100
143	B82	X	-.401	-.401	0	%100
144	B82	Z	-.694	-.694	0	%100
145	B83	X	-.401	-.401	0	%100
146	B83	Z	-.694	-.694	0	%100
147	B84	X	-.196	-.196	0	%100
148	B84	Z	-.339	-.339	0	%100
149	B85	X	-.196	-.196	0	%100
150	B85	Z	-.339	-.339	0	%100
151	B86	X	-.139	-.139	0	%100
152	B86	Z	-.241	-.241	0	%100
153	B87	X	-.139	-.139	0	%100
154	B87	Z	-.241	-.241	0	%100
155	MP1B	X	-.322	-.322	0	%100
156	MP1B	Z	-.557	-.557	0	%100
157	MP2B	X	-.389	-.389	0	%100
158	MP2B	Z	-.675	-.675	0	%100
159	MP3B	X	-.322	-.322	0	%100
160	MP3B	Z	-.557	-.557	0	%100
161	MP4B	X	-.322	-.322	0	%100
162	MP4B	Z	-.557	-.557	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
163	MP5B	X	-.322	-.322	0	%100
164	MP5B	Z	-.557	-.557	0	%100
165	C103	X	-.017	-.017	0	%100
166	C103	Z	-.029	-.029	0	%100
167	C104	X	-.034	-.034	0	%100
168	C104	Z	-.059	-.059	0	%100
169	C105	X	-.017	-.017	0	%100
170	C105	Z	-.029	-.029	0	%100
171	C106	X	-.034	-.034	0	%100
172	C106	Z	-.059	-.059	0	%100
173	C107	X	-.27	-.27	0	%100
174	C107	Z	-.468	-.468	0	%100
175	C108	X	-.27	-.27	0	%100
176	C108	Z	-.468	-.468	0	%100
177	C109	X	-.27	-.27	0	%100
178	C109	Z	-.468	-.468	0	%100
179	C110	X	-.164	-.164	0	%100
180	C110	Z	-.284	-.284	0	%100
181	C111	X	-.164	-.164	0	%100
182	C111	Z	-.284	-.284	0	%100
183	C112	X	-.164	-.164	0	%100
184	C112	Z	-.284	-.284	0	%100
185	C113	X	-.27	-.27	0	%100
186	C113	Z	-.468	-.468	0	%100
187	C114	X	-.27	-.27	0	%100
188	C114	Z	-.468	-.468	0	%100
189	C115	X	-.27	-.27	0	%100
190	C115	Z	-.468	-.468	0	%100
191	C116	X	-.164	-.164	0	%100
192	C116	Z	-.284	-.284	0	%100
193	C117	X	-.164	-.164	0	%100
194	C117	Z	-.284	-.284	0	%100
195	C118	X	-.164	-.164	0	%100
196	C118	Z	-.284	-.284	0	%100
197	C119	X	-.205	-.205	0	%100
198	C119	Z	-.354	-.354	0	%100
199	C120	X	-.205	-.205	0	%100
200	C120	Z	-.354	-.354	0	%100
201	C121	X	-.205	-.205	0	%100
202	C121	Z	-.354	-.354	0	%100
203	C122	X	-.205	-.205	0	%100
204	C122	Z	-.354	-.354	0	%100
205	C123	X	-.012	-.012	0	%100
206	C123	Z	-.02	-.02	0	%100
207	C124	X	-.012	-.012	0	%100
208	C124	Z	-.02	-.02	0	%100
209	C125	X	-.216	-.216	0	%100
210	C125	Z	-.374	-.374	0	%100
211	C126	X	-.106	-.106	0	%100
212	C126	Z	-.183	-.183	0	%100
213	C127	X	-.216	-.216	0	%100
214	C127	Z	-.374	-.374	0	%100
215	C128	X	-.106	-.106	0	%100
216	C128	Z	-.183	-.183	0	%100
217	C129	X	-.198	-.198	0	%100
218	C129	Z	-.342	-.342	0	%100
219	C130	X	-.198	-.198	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
220	C130	Z	-.342	-.342	0	%100
221	C131	X	-.242	-.242	0	%100
222	C131	Z	-.419	-.419	0	%100
223	C132	X	-.242	-.242	0	%100
224	C132	Z	-.419	-.419	0	%100
225	C133	X	-.339	-.339	0	%100
226	C133	Z	-.586	-.586	0	%100
227	C134	X	-.339	-.339	0	%100
228	C134	Z	-.586	-.586	0	%100
229	C135	X	-.183	-.183	0	%100
230	C135	Z	-.316	-.316	0	%100
231	C136	X	-.183	-.183	0	%100
232	C136	Z	-.316	-.316	0	%100
233	C137	X	-.153	-.153	0	%100
234	C137	Z	-.264	-.264	0	%100
235	C138	X	-.153	-.153	0	%100
236	C138	Z	-.264	-.264	0	%100
237	MP1C	X	-.322	-.322	0	%100
238	MP1C	Z	-.557	-.557	0	%100
239	MP2C	X	-.389	-.389	0	%100
240	MP2C	Z	-.675	-.675	0	%100
241	MP3C	X	-.322	-.322	0	%100
242	MP3C	Z	-.557	-.557	0	%100
243	MP4C	X	-.322	-.322	0	%100
244	MP4C	Z	-.557	-.557	0	%100
245	MP5C	X	-.322	-.322	0	%100
246	MP5C	Z	-.557	-.557	0	%100
247	M156	X	-.095	-.095	0	%100
248	M156	Z	-.165	-.165	0	%100
249	M155	X	-.185	-.185	0	%100
250	M155	Z	-.321	-.321	0	%100
251	M156A	X	-.036	-.036	0	%100
252	M156A	Z	-.062	-.062	0	%100
253	M157	X	-.321	-.321	0	%100
254	M157	Z	-.556	-.556	0	%100
255	M158	X	-.011	-.011	0	%100
256	M158	Z	-.019	-.019	0	%100
257	M159	X	-.263	-.263	0	%100
258	M159	Z	-.456	-.456	0	%100

Member Area Loads

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
No Data to Print ...						

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	A12	m...	1353.423	10	2071.718	18	506.847	12	-.075	12	0	51	.076	49
2		min	-1764.5...	4	650.612	3	-4276.362	18	-.252	15	0	1	-.045	50
3	A3	m...	1058.631	35	1155.656	13	3974.906	14	-.043	12	0	51	.055	49
4		min	-606.55	41	361.684	9	558.674	8	-.173	18	0	1	-.035	50
5	B75	m...	-622.054	10	1121.432	17	300.249	1	.087	13	0	51	-.029	50
6		min	-3652.2...	16	345.592	1	-2320.709	19	-.004	49	0	1	-.149	21
7	B84	m...	4064.003	22	2094.403	23	2449.216	24	.13	14	0	51	-.05	50
8		min	-874.771	4	639.598	7	-772.076	6	.003	49	0	1	-.223	19

Envelope Joint Reactions (Continued)

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
9	C147	m...	3746.308	22	1121.432	21	33.811	1	.089	24	0	51	.147	16
10		min	286.909	5	345.592	5	-2232.083	19	-.008	50	0	1	.032	10
11	C156	m...	407.868	9	2094.405	15	2524.62	13	.131	23	0	51	.221	18
12		min	-3952.6...	15	639.599	11	-1161.364	7	-.005	50	0	1	.057	10
13	N222	m...	966.663	1	58.242	13	530.629	1	0	51	0	51	0	51
14		min	-994.134	7	17.295	7	-538.406	7	0	1	0	1	0	1
15	N220	m...	849.174	7	85.742	13	132.561	5	0	51	0	51	0	51
16		min	-811.945	1	27.038	7	-123.739	11	0	1	0	1	0	1
17	N221A	m...	963.306	11	58.242	17	571.817	5	0	51	0	51	0	51
18		min	-942.833	5	17.295	11	-591.72	11	0	1	0	1	0	1
19	N222A	m...	388.279	3	89.489	17	669.637	11	0	51	0	51	0	51
20		min	-410.199	9	28.311	9	-639.92	5	0	1	0	1	0	1
21	N223	m...	156.359	2	51.367	21	1003.612	3	0	51	0	51	0	51
22		min	-148.019	8	15.142	3	-982.35	9	0	1	0	1	0	1
23	N224	m...	328.685	9	85.742	21	747.827	9	0	51	0	51	0	51
24		min	-338.649	3	27.038	3	-785.065	3	0	1	0	1	0	1
25	Totals:	m...	6546.398	10	10075.75	22	6598.815	1						
26		min	-6546.3...	4	3139.738	4	-6598.818	7						

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

	Member	Shape	Code Che...	Loc[ft]	LC	Shear Che...	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	...	Eqn
1	C106	PL3/8x3.5	.660	0	24	.077	0	z	49	4083..	42525	.332	3.101	...	H1-...
2	B55	PL3/8x3.5	.660	0	20	.077	0	z	49	4083..	42525	.332	3.101	...	H1-...
3	A4	PL3/8x3.5	.626	0	16	.076	0	z	49	4083..	42525	.332	3.101	...	H1-...
4	A3	PL3/8x3.5	.510	.25	21	.054	.25	z	50	4083..	42525	.332	3.101	...	H1-...
5	B54	PL3/8x3.5	.486	.25	13	.053	.25	z	50	4083..	42525	.332	3.101	...	H1-...
6	C105	PL3/8x3.5	.486	.25	17	.053	.25	z	50	4083..	42525	.332	3.101	...	H1-...
7	C104	PL3/8x3.5	.444	0	23	.074	0	y	49	4083..	42525	.332	3.101	...	H1-...
8	B53	PL3/8x3.5	.444	0	19	.074	0	y	49	4083..	42525	.332	3.101	...	H1-...
9	A2	PL3/8x3.5	.420	0	14	.073	0	y	49	4083..	42525	.332	3.101	...	H1-...
10	A22	PIPE_2.5	.402	3.125	11	.109	3.281		1	1011..	50715	3.596	3.596	...	H1-...
11	B73	PIPE_2.5	.401	3.125	3	.103	11.875		3	1011..	50715	3.596	3.596	...	H1-...
12	C124	PIPE_2.5	.401	3.125	7	.103	11.875		7	1011..	50715	3.596	3.596	...	H1-...
13	C127	PIPE_2.0	.386	.43	13	.126	0		23	2117..	32130	1.872	1.872	...	H1-...
14	B76	PIPE_2.0	.386	.43	21	.126	0		19	2117..	32130	1.872	1.872	...	H1-...
15	A25	PIPE_2.0	.366	.43	17	.119	0		15	2117..	32130	1.872	1.872	...	H1-...
16	A1	PL3/8x3.5	.358	.25	13	.056	.25	y	5	4083..	42525	.332	3.101	...	H1-...
17	C135	Rohn 1.5x16GA	.336	1.829	22	.023	0		11	5574..	8276..	.317	.317	...	H1-...
18	B84	Rohn 1.5x16GA	.336	1.829	18	.023	0		7	5574..	8276..	.317	.317	...	H1-...
19	B52	PL3/8x3.5	.324	.25	14	.063	.25	y	10	4083..	42525	.332	3.101	...	H1-...
20	C103	PL3/8x3.5	.324	.25	18	.063	.25	y	2	4083..	42525	.332	3.101	...	H1-...
21	A33	Rohn 1.5x16GA	.321	1.829	14	.023	0		9	5574..	8276..	.317	.317	...	H1-...
22	MP1B	PIPE_2.0	.310	2.234	1	.162	1.547		2	2235..	32130	1.872	1.872	...	H1-...
23	MP1C	PIPE_2.0	.310	2.234	5	.162	1.547		6	2235..	32130	1.872	1.872	...	H1-...
24	B72	PIPE_2.5	.298	11.875	7	.113	3.281		21	1011..	50715	3.596	3.596	...	H1-...
25	C123	PIPE_2.5	.298	11.875	11	.113	3.281		13	1011..	50715	3.596	3.596	...	H1-...
26	A26	PIPE_2.0	.289	.43	21	.098	0		23	2117..	32130	1.872	1.872	...	H1-...
27	B77	PIPE_2.0	.283	.43	13	.095	0		15	2117..	32130	1.872	1.872	...	H1-...
28	C128	PIPE_2.0	.283	.43	17	.095	0		19	2117..	32130	1.872	1.872	...	H1-...
29	MP1A	PIPE_2.0	.283	2.234	9	.145	2.234		9	2235..	32130	1.872	1.872	...	H1-...
30	A21	PIPE_2.5	.278	11.875	3	.106	3.125		9	1011..	50715	3.596	3.596	...	H1-...
31	C136	Rohn 1.5x16GA	.267	1.829	22	.030	3.736		11	5574..	8276..	.317	.317	...	H1-...
32	B85	Rohn 1.5x16GA	.267	1.829	18	.030	3.736		7	5574..	8276..	.317	.317	...	H1-...
33	C125	PIPE_2.0	.264	.491	22	.115	5.343		17	2117..	32130	1.872	1.872	...	H1-...
34	B74	PIPE_2.0	.264	.491	18	.115	5.343		13	2117..	32130	1.872	1.872	...	H1-...

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

	Member	Shape	Code Che...	Loc[ft]	LC	Shear Che...	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	...	Eqn
35	A35	Rohn 1.5x16GA	.260	1.829	24	.020	0		5	5574..	8276..	.317	.317	...	H1-...
36	A34	Rohn 1.5x16GA	.252	1.829	14	.030	0		3	5574..	8276..	.317	.317	...	H1-...
37	B86	Rohn 1.5x16GA	.252	1.829	17	.011	0		9	5574..	8276..	.317	.317	...	H1-...
38	C137	Rohn 1.5x16GA	.252	1.829	21	.011	3.736		1	5574..	8276..	.317	.317	...	H1-...
39	A23	PIPE_2.0	.250	.491	13	.107	5.343		20	2117..	32130	1.872	1.872	...	H1-...
40	C122	Rohn 1.5x16GA	.249	1.605	24	.008	2.854		12	6571..	8276..	.317	.317	...	H1-...
41	B71	Rohn 1.5x16GA	.249	1.605	20	.008	2.854		8	6571..	8276..	.317	.317	...	H1-...
42	A20	Rohn 1.5x16GA	.235	1.605	16	.007	0		49	6571..	8276..	.317	.317	1	H1-...
43	MP5B	PIPE_2.0	.229	4.182	3	.203	4.87		9	2235..	32130	1.872	1.872	...	H1-...
44	MP5C	PIPE_2.0	.229	4.182	7	.203	4.87		1	2235..	32130	1.872	1.872	...	H1-...
45	MP2A	PIPE_2.5	.226	2.99	7	.087	2.99		9	3396..	50715	3.596	3.596	...	H1-...
46	MP2C	PIPE_2.5	.224	2.99	3	.087	2.99		1	3396..	50715	3.596	3.596	...	H1-...
47	MP2B	PIPE_2.5	.224	2.99	11	.087	2.99		9	3396..	50715	3.596	3.596	...	H1-...
48	A24	PIPE_2.0	.211	.491	14	.079	5.343		38	2117..	32130	1.872	1.872	...	H1-...
49	M159	PIPE_2.0	.207	6.864	11	.010	0		23	5219..	32130	1.872	1.872	...	H1-...
50	MP5A	PIPE_2.0	.201	4.87	50	.160	4.87		5	2235..	32130	1.872	1.872	...	H1-...
51	M158	PIPE_2.0	.193	6.574	3	.009	0		21	5689..	32130	1.872	1.872	...	H1-...
52	M155	PIPE_2.0	.193	6.574	7	.009	13.149		19	5689..	32130	1.872	1.872	...	H1-...
53	B75	PIPE_2.0	.193	.491	18	.079	5.343		19	2117..	32130	1.872	1.872	...	H1-...
54	C126	PIPE_2.0	.193	.491	22	.079	5.343		23	2117..	32130	1.872	1.872	...	H1-...
55	C116	PL3/8x2.75	.186	.182	23	.133	.182	y	23	3270..	3341..	.261	1.914	...	H1-...
56	B65	PL3/8x2.75	.186	.182	19	.133	.182	y	19	3270..	3341..	.261	1.914	...	H1-...
57	A17	Rohn 1.5x16GA	.178	2.854	21	.015	2.854		12	6571..	8276..	.317	.317	...	H1-...
58	A14	PL3/8x2.75	.177	.182	15	.124	0	y	21	3270..	3341..	.261	1.914	...	H1-...
59	B68	Rohn 1.5x16GA	.175	2.854	14	.008	0		49	6571..	8276..	.317	.317	...	H1-...
60	C119	Rohn 1.5x16GA	.175	2.854	18	.008	0		49	6571..	8276..	.317	.317	...	H1-...
61	C111	PL3/8x2.75	.166	.182	23	.128	0	y	23	3270..	3341..	.261	1.914	...	H1-...
62	B60	PL3/8x2.75	.166	.182	19	.128	0	y	19	3270..	3341..	.261	1.914	...	H1-...
63	A9	PL3/8x2.75	.158	.182	14	.120	0	y	15	3270..	3341..	.261	1.914	...	H1-...
64	C112	PL3/8x2.75	.142	.182	23	.094	.182	y	20	3270..	3341..	.261	1.914	...	H1-...
65	B61	PL3/8x2.75	.142	.182	19	.094	.182	y	16	3270..	3341..	.261	1.914	...	H1-...
66	A13	PL3/8x2.75	.140	.182	23	.097	.182	y	19	3270..	3341..	.261	1.914	...	H1-...
67	B64	PL3/8x2.75	.134	.182	15	.090	.182	y	15	3270..	3341..	.261	1.914	...	H1-...
68	C115	PL3/8x2.75	.134	.182	19	.090	.182	y	19	3270..	3341..	.261	1.914	...	H1-...
69	C117	PL3/8x2.75	.133	.182	23	.104	.182	y	24	3270..	3341..	.261	1.914	...	H1-...
70	B66	PL3/8x2.75	.133	.182	19	.104	.182	y	20	3270..	3341..	.261	1.914	...	H1-...
71	A10	PL3/8x2.75	.133	.182	15	.092	.182	y	23	3270..	3341..	.261	1.914	...	H1-...
72	A6	PL3/8x2.75	.126	.182	24	.093	.182	y	13	3270..	3341..	.261	1.914	...	H1-...
73	A15	PL3/8x2.75	.126	.182	15	.096	.182	y	15	3270..	3341..	.261	1.914	...	H1-...
74	MP4B	PIPE_2.0	.124	1.547	22	.059	4.87		9	2235..	32130	1.872	1.872	...	H1-...
75	MP4C	PIPE_2.0	.124	1.547	14	.059	4.87		1	2235..	32130	1.872	1.872	...	H1-...
76	B87	Rohn 1.5x16GA	.122	1.868	17	.022	3.736		7	5574..	8276..	.317	.317	...	H1-...
77	C138	Rohn 1.5x16GA	.122	1.868	21	.022	0		11	5574..	8276..	.317	.317	...	H1-...
78	B57	PL3/8x2.75	.121	.182	16	.090	.182	y	18	3270..	3341..	.261	1.914	...	H1-...
79	C108	PL3/8x2.75	.121	.182	20	.090	.182	y	22	3270..	3341..	.261	1.914	...	H1-...
80	A36	Rohn 1.5x16GA	.113	1.868	13	.019	3.736		3	5574..	8276..	.317	.317	...	H1-...
81	MP4A	PIPE_2.0	.112	4.87	17	.053	4.87		3	2235..	32130	1.872	1.872	...	H1-...
82	C121	Rohn 1.5x16GA	.111	2.854	23	.019	2.854		11	6571..	8276..	.317	.317	...	H1-...
83	B70	Rohn 1.5x16GA	.111	2.854	19	.019	2.854		7	6571..	8276..	.317	.317	...	H1-...
84	MP3C	PIPE_2.0	.110	5.5	11	.030	3.75		11	2086..	32130	1.872	1.872	...	H1-...
85	MP3B	PIPE_2.0	.110	5.5	7	.030	3.75		7	2086..	32130	1.872	1.872	...	H1-...
86	A19	Rohn 1.5x16GA	.105	2.854	15	.017	2.854		9	6571..	8276..	.317	.317	...	H1-...
87	B56	PL3/8x2.75	.101	.182	22	.096	.182	y	21	3270..	3341..	.261	1.914	...	H1-...
88	C107	PL3/8x2.75	.101	.182	14	.096	.182	y	13	3270..	3341..	.261	1.914	...	H1-...
89	MP3A	PIPE_2.0	.098	5.5	3	.027	3.75		3	2086..	32130	1.872	1.872	...	H1-...
90	B63	PL3/8x2.75	.095	.182	15	.072	0	y	19	3270..	3341..	.261	1.914	...	H1-...
91	C114	PL3/8x2.75	.095	.182	19	.072	0	y	23	3270..	3341..	.261	1.914	...	H1-...

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

	Member	Shape	Code Che...	Loc[ft]	LC	Shear Che...	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	...	Eqn
92	M156	PIPE_2.0	.095	4.432	8	.006	8.863		20	1252..	32130	1.872	1.872	...	H1-...
93	M157	PIPE_2.0	.095	4.432	12	.006	0		24	1252..	32130	1.872	1.872	...	H1-...
94	A18	Rohn 1.5x16GA	.093	2.854	21	.017	0		7	6571..	8276..	.317	.317	...	H1-...
95	A5	PL3/8x2.75	.090	.182	23	.079	.182	y	15	3270..	3341..	.261	1.914	...	H1-...
96	A12	PL3/8x2.75	.087	.182	23	.063	0	y	14	3270..	3341..	.261	1.914	...	H1-...
97	B69	Rohn 1.5x16GA	.081	2.854	14	.013	0		4	6571..	8276..	.317	.317	...	H1-...
98	C120	Rohn 1.5x16GA	.081	2.854	18	.013	2.854		8	6571..	8276..	.317	.317	...	H1-...
99	M156A	PIPE_2.0	.070	3.905	3	.006	0		22	1546..	32130	1.872	1.872	...	H1-...
100	B80	PIPE_2.0	.022	2.292	19	.005	0		1	3016..	32130	1.872	1.872	...	H1-...
101	C131	PIPE_2.0	.022	2.292	23	.005	0		5	3016..	32130	1.872	1.872	...	H1-...
102	C110	PL3/8x2.75	.022	.182	23	.023	.182	y	11	3270..	3341..	.261	1.914	...	H1-...
103	B59	PL3/8x2.75	.022	.182	19	.023	.182	y	7	3270..	3341..	.261	1.914	...	H1-...
104	A29	PIPE_2.0	.021	2.292	14	.005	0		9	3016..	32130	1.872	1.872	...	H1-...
105	A8	PL3/8x2.75	.021	.182	15	.020	.182	y	9	3270..	3341..	.261	1.914	...	H1-...
106	B67	PL3/8x2.75	.020	0	19	.038	.182	y	1	3270..	3341..	.261	1.914	...	H1-...
107	C118	PL3/8x2.75	.020	0	23	.038	.182	y	5	3270..	3341..	.261	1.914	...	H1-...
108	A7	PL3/8x2.75	.019	.182	21	.021	.182	y	7	3270..	3341..	.261	1.914	...	H1-...
109	A16	PL3/8x2.75	.019	0	14	.039	.182	y	9	3270..	3341..	.261	1.914	...	H1-...
110	B79	PL3/8x3.5	.017	.281	19	.029	.281	y	1	4040..	42525	.332	3.101	...	H1-...
111	C130	PL3/8x3.5	.017	.281	23	.029	.281	y	5	4040..	42525	.332	3.101	...	H1-...
112	B58	PL3/8x2.75	.016	.182	14	.015	0	y	49	3270..	3341..	.261	1.914	...	H1-...
113	C109	PL3/8x2.75	.016	.182	18	.015	0	y	49	3270..	3341..	.261	1.914	...	H1-...
114	A28	PL3/8x3.5	.016	.281	14	.030	.281	y	9	4040..	42525	.332	3.101	...	H1-...
115	B78	PL3/8x3.5	.016	.281	19	.029	0	y	1	4040..	42525	.332	3.101	...	H1-...
116	C129	PL3/8x3.5	.016	.281	23	.029	0	y	5	4040..	42525	.332	3.101	...	H1-...
117	A27	PL3/8x3.5	.015	.281	14	.030	0	y	9	4040..	42525	.332	3.101	...	H1-...
118	B81	PIPE_2.0	.014	2.292	14	.006	0		9	3016..	32130	1.872	1.872	...	H1-...
119	C132	PIPE_2.0	.014	2.292	18	.006	0		1	3016..	32130	1.872	1.872	...	H1-...
120	A30	PIPE_2.0	.013	2.292	21	.005	0		2	3016..	32130	1.872	1.872	...	H1-...
121	B62	PL3/8x2.75	.012	0	14	.048	.182	y	9	3270..	3341..	.261	1.914	...	H1-...
122	C113	PL3/8x2.75	.012	0	18	.048	.182	y	1	3270..	3341..	.261	1.914	...	H1-...
123	B83	PL3/8x3.5	.011	0	3	.037	.281	y	9	4040..	42525	.332	3.101	...	H1-...
124	C134	PL3/8x3.5	.011	0	7	.037	.281	y	1	4040..	42525	.332	3.101	...	H1-...
125	B82	PL3/8x3.5	.011	.281	3	.037	0	y	9	4040..	42525	.332	3.101	...	H1-...
126	C133	PL3/8x3.5	.011	.281	7	.037	0	y	1	4040..	42525	.332	3.101	...	H1-...
127	A32	PL3/8x3.5	.011	0	11	.026	.281	y	2	4040..	42525	.332	3.101	...	H1-...
128	A31	PL3/8x3.5	.011	.281	11	.026	0	y	2	4040..	42525	.332	3.101	...	H1-...
129	A11	PL3/8x2.75	.011	0	21	.033	.182	y	2	3270..	3341..	.261	1.914	...	H1-...

TIA-222-H CONNECTION CHECK
Mount to Tower Connection - Typ. All Sectors
2021740.467177.02

Bolt Information		
Bolt Diameter (d)	0.5	in
Net Tensile Area (An)	0.142	in^2
# of Bolts Total (n)	4	
Bolt Distance Up-Down	1.5	in
Bolt Distance Left-Right	2.5	in
Bolt Grade	A307	
Bolt Tensile Strength (F_{ub})	60	ksi

RISA 3D Reactions		
Moment (M)	0.25	k-ft
Axial (T)	4.49	kips
Shear (V)	2.23	kips

Bolt Capacity		
Nominal Tensile Strength (R_{nt})	8.514	kips
Nominal Shear Strength (R_{nv})	5.89	kips
Bolt Tensile Force (T_{ub})	2.12	kips
Bolt Shear Force (V_{ub})	0.558	kips
$T_{ub}/\phi R_{nt}$	0.33255	
$V_{ub}/\phi R_{nv}$	0.12630	
$(V_{ub}/\phi R_{nv})^2+(T_{ub}/\phi R_{nt})^2$	0.12654	
Bolt Capacity =	33.3%	OK

TIA-222-H CONNECTION CHECK
Mod Tiebacks to Tower Connection - Typ. All Sectors
2021740.467177.02

Bolt Information		
Bolt Diameter (d)	0.625	in
Net Tensile Area (An)	0.226	in^2
# of Bolts Total (n)	2	
Bolt Grade	SAE J429 Gr 5	
Bolt Tensile Strength (F_{ub})	120	ksi

RISA 3D Reactions		
Moment (M)	0.00	k-ft
Axial (T)	-0.03	kips
Shear (V)	1.13	kips

Bolt Capacity		
Nominal Tensile Strength (R_{nt})	27.120	kips
Nominal Shear Strength (R_{nv})	18.41	kips
Bolt Tensile Force (T_{ub})	-0.02	kips
Bolt Shear Force (V_{ub})	0.565	kips
$T_{ub}/\phi R_{nt}$	-0.00075	
$V_{ub}/\phi R_{nv}$	0.04094	
$(V_{ub}/\phi R_{nv})^2+(T_{ub}/\phi R_{nt})^2$	0.00168	
Bolt Capacity =	4.1%	OK

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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

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Purpose – to upload the proper documentation to the SMART Tool in order to allow the SMART Tool engineering vendor to complete the required Mount Desktop review of the Post Modification Inspection Report.

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

Base Requirements:

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

Photo Requirements:

- *Photos taken at ground level*
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation of the modifications.
  - Photos of the mount after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed

- *Photos taken at Mount Elevation*
  - Photos showing the safety climb wire rope above and below the mount prior to modification.
  - Photos showing the climbing facility and safety climb if present.
  - Photos showing each individual sector after installation of modifications. Each entire sector must be in one photo to show the interconnection of members.

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

Material Certification:

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

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

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

OR

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

Antenna & equipment placement and Geometry Confirmation:

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

OR

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

Comments:

Certifying Individual:

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

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

☐ Yes ☐ No

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

Issue:

Response:

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

☐ Yes ☐ No

Comments:

Structure: 467177-VZW - SOMERS CT

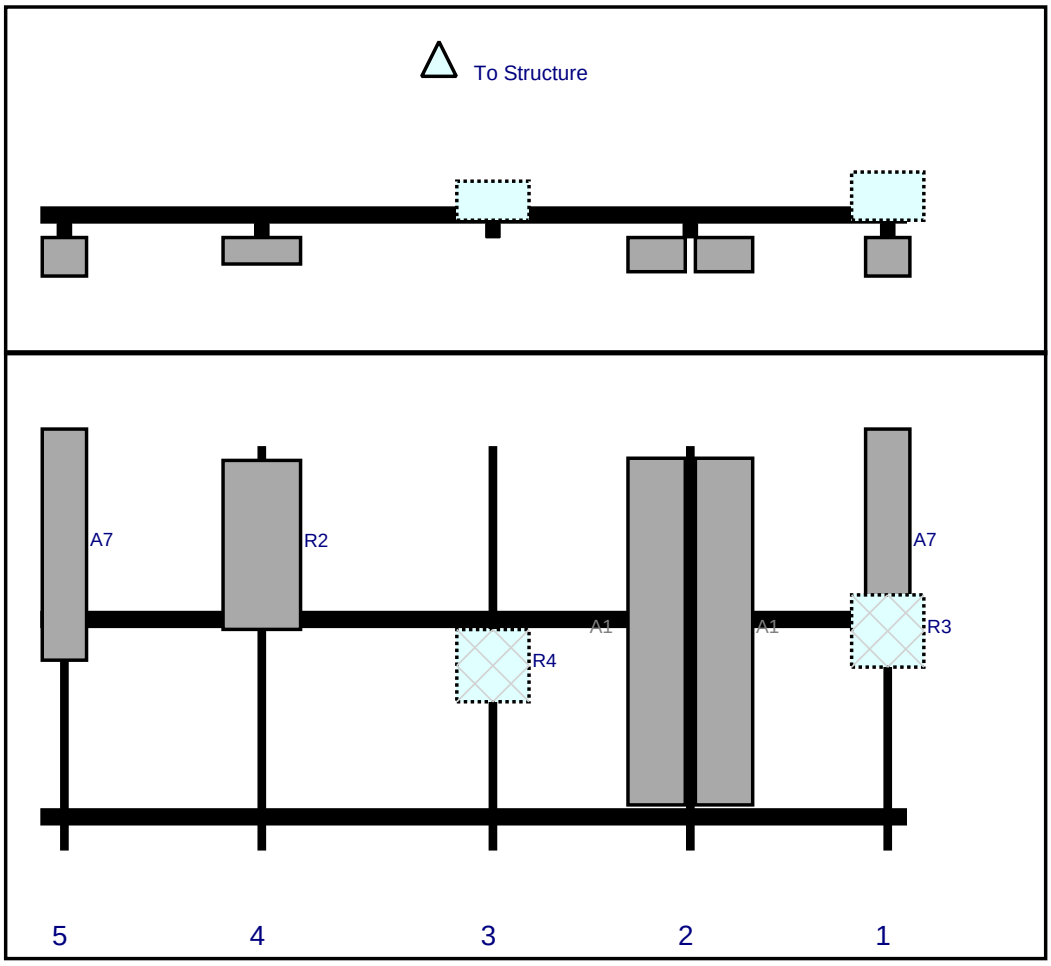
Sector: **A** 9/14/2021

Structure Type: Self Support 10101702

Mount Elev: 157.50 Page: 1

Plan View

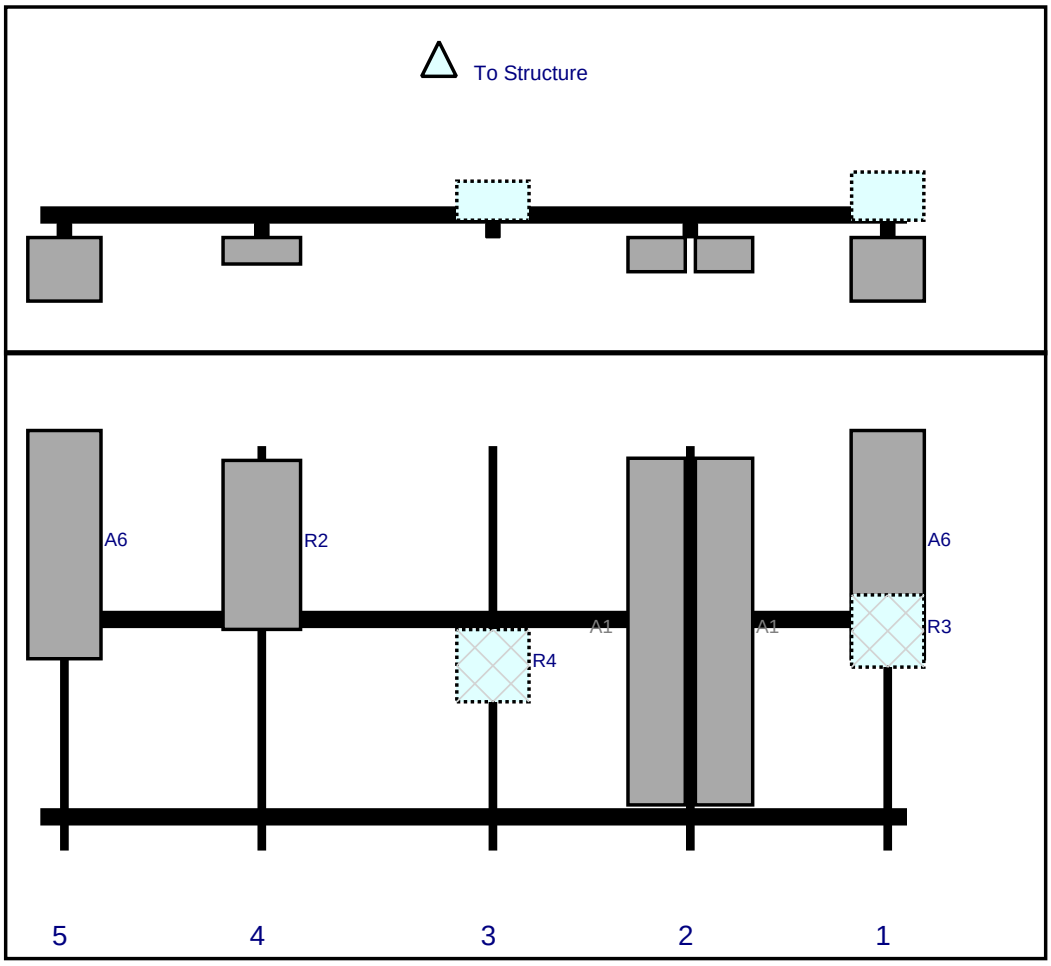
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A7	APL866513	48	9.2	176	1	a	Front	20.46	0	Retained	03/29/2021
R3	RF4439d-25A	15	15	176	1	a	Behind	38.4	0	Added	
A1	NHH-65B-R2B	72	11.9	135	2	a	Front	38.52	-7	Added	
A1	NHH-65B-R2B	72	11.9	135	2	b	Front	38.52	7	Added	
R4	RF4440d-13A	15	15	94	3	a	Behind	45.6	0	Added	
R2	MT6407-77A	35.1	16.1	46	4	a	Front	20.52	0	Added	
A7	APL866513	48	9.2	5	5	a	Front	20.46	0	Retained	03/29/2021

Plan View

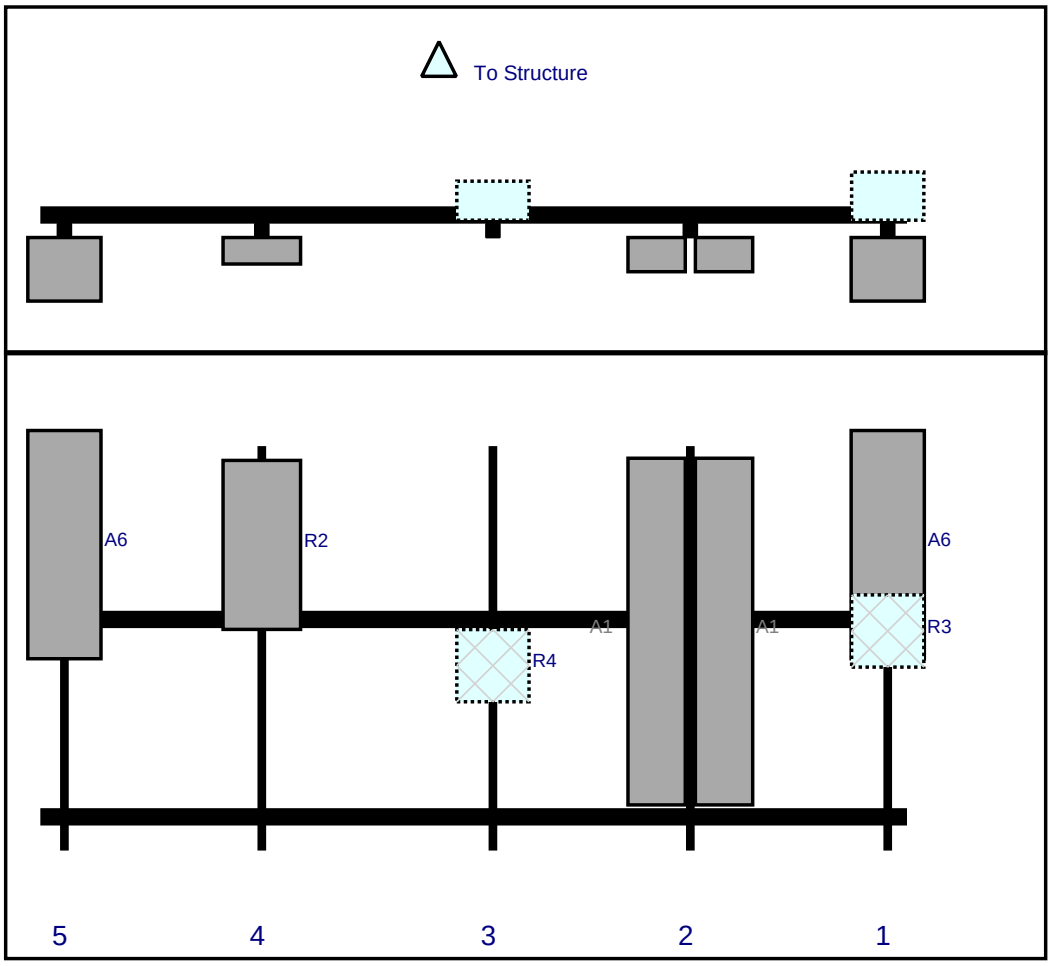
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	LPA-80063/4CF	47.4	15.2	176	1	a	Front	20.46	0	Retained	03/29/2021
R3	RF4439d-25A	15	15	176	1	a	Behind	38.4	0	Added	
A1	NHH-65B-R2B	72	11.9	135	2	a	Front	38.52	-7	Added	
A1	NHH-65B-R2B	72	11.9	135	2	b	Front	38.52	7	Added	
R4	RF4440d-13A	15	15	94	3	a	Behind	45.6	0	Added	
R2	MT6407-77A	35.1	16.1	46	4	a	Front	20.52	0	Added	
A6	LPA-80063/4CF	47.4	15.2	5	5	a	Front	20.46	0	Retained	03/29/2021

Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	LPA-80063/4CF	47.4	15.2	176	1	a	Front	20.46	0	Retained	03/29/2021
R3	RF4439d-25A	15	15	176	1	a	Behind	38.4	0	Added	
A1	NHH-65B-R2B	72	11.9	135	2	a	Front	38.52	-7	Added	
A1	NHH-65B-R2B	72	11.9	135	2	b	Front	38.52	7	Added	
R4	RF4440d-13A	15	15	94	3	a	Behind	45.6	0	Added	
R2	MT6407-77A	35.1	16.1	46	4	a	Front	20.52	0	Added	
A6	LPA-80063/4CF	47.4	15.2	5	5	a	Front	20.46	0	Retained	03/29/2021

GPD Engineering and Architecture
Professional Corporation

September 14, 2021
2021740.467177.02

Subject	TIA-222-H Usage
Site Information	Site ID: 467177-VZW / SOMERS CT Site Name: SOMERS CT Carrier Name: Verizon Wireless Address: 126 Pioneer Heights Rd., Somers, Connecticut 06071, Tolland County Latitude: 41.948986° Longitude: -72.492030°
Structure Information	Tower Type: 161-Ft Self Support Mount Type: 15.00-Ft Sector Mount

To Whom It May Concern,

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

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

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

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

Sincerely,

GPD Group

Christopher J. Scheks, P.E.
Connecticut #: 0030026

Exhibit F

Power Density/RF Emissions Report

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

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	689	2756	159	0.0039	0.5007	0.78%
VZW CDMA	869	2	391	782	159	0.0011	0.5793	0.19%
VZW Cellular	869	4	700	2800	159	0.0040	0.5793	0.69%
VZW PCS	1980	4	1500	6000	159	0.0085	1.0000	0.85%
VZW AWS	2125	4	1672	6688	159	0.0095	1.0000	0.95%
VZW CBAND	3730	4	6531	26124	159	0.0372	1.0000	3.72%
Total Percentage of Maximum Permissible Exposure								7.18%

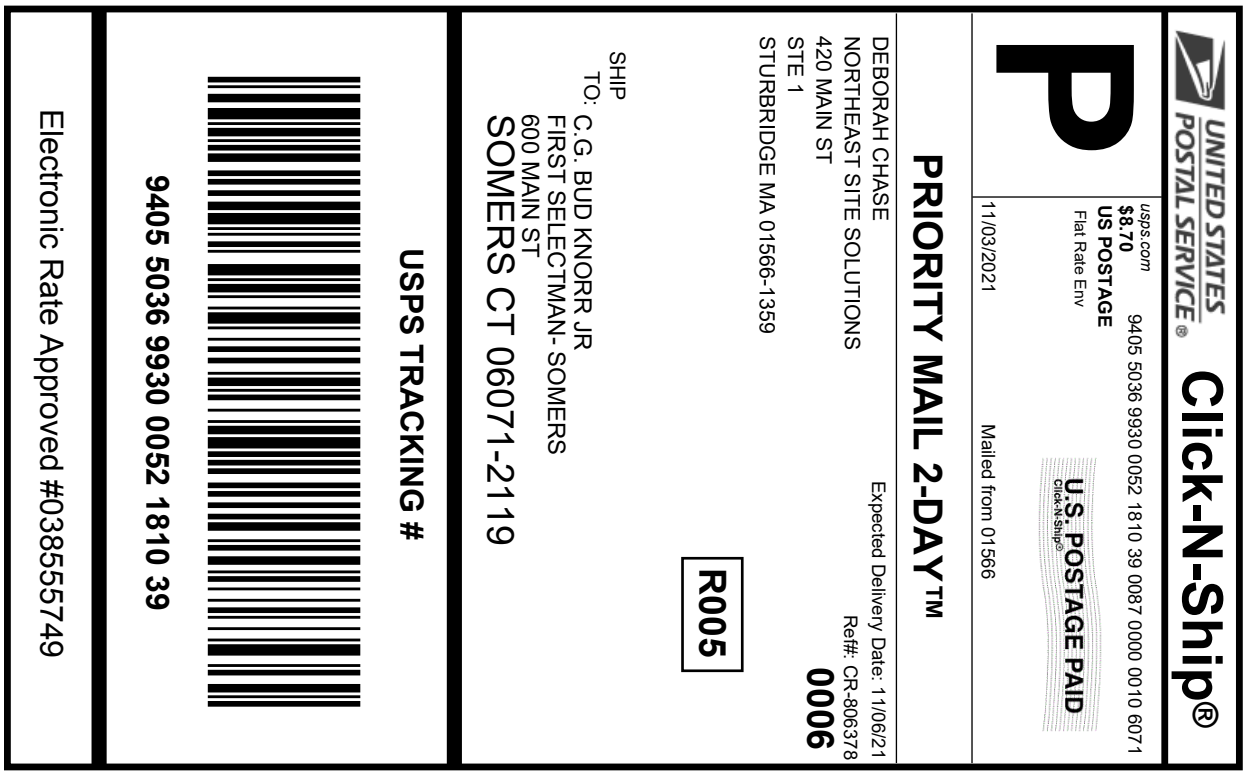
*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification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

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

Absolute worst case maximum values used.

Exhibit F

Recipient Mailings



Cut on dotted line.

Instructions

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

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0052 1810 39

Trans. #:	547544955
Print Date:	11/03/2021
Ship Date:	11/03/2021
Expected Delivery Date:	11/06/2021

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

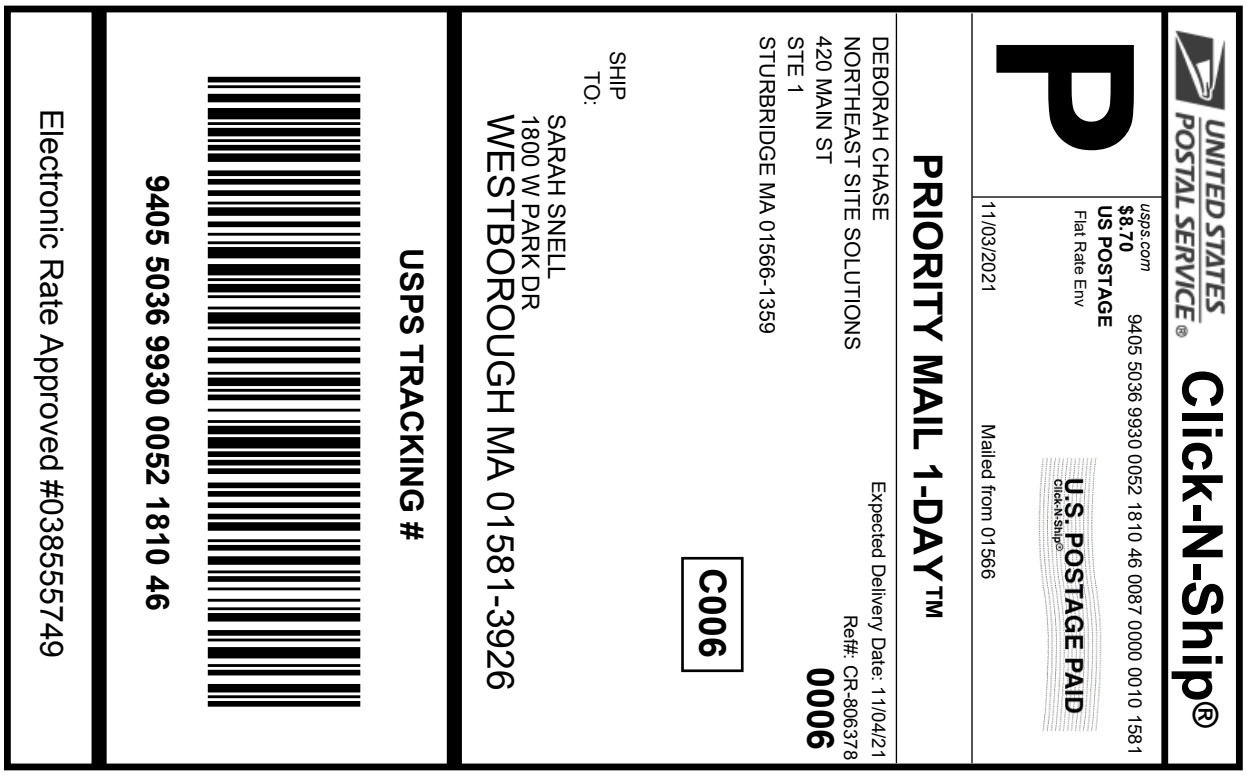
From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-806378

To: C.G. BUD KNORR JR
FIRST SELECTMAN- SOMERS
600 MAIN ST
SOMERS CT 06071-2119

* 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 0052 1810 46

Trans. #:	547544955
Print Date:	11/03/2021
Ship Date:	11/03/2021
Expected Delivery Date:	11/04/2021

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

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

Ref#: CR-806378

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.

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UNITED STATES POSTAL SERVICE®

Click-N-Ship®

9405 5036 9930 0052 1810 53 0087 0000 0010 6071

usps.com
$8.70
US POSTAGE
Flat Rate Env

11/03/2021 Mailed from 01566

U.S. POSTAGE PAID
Click-N-Ship®

P

PRIORITY MAIL 2-DAY™

Expected Delivery Date: 11/06/21

Ref#: CR-806378

0006

R005

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

SHIP TO: JENNIFER ROY
ZONING ENFORCEMENT OFFICER
600 MAIN ST
SOMERS CT 06071-2119

USPS TRACKING #

9405 5036 9930 0052 1810 53

Electronic Rate Approved #038555749

Cut on dotted line.

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0052 1810 53

Trans. #:	547544955
Print Date:	11/03/2021
Ship Date:	11/03/2021
Expected Delivery Date:	11/06/2021

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

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

Ref#: CR-806378

To: JENNIFER ROY
ZONING ENFORCEMENT OFFICER
600 MAIN ST
SOMERS CT 06071-2119

* 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.

UNITED STATES POSTAL SERVICE®

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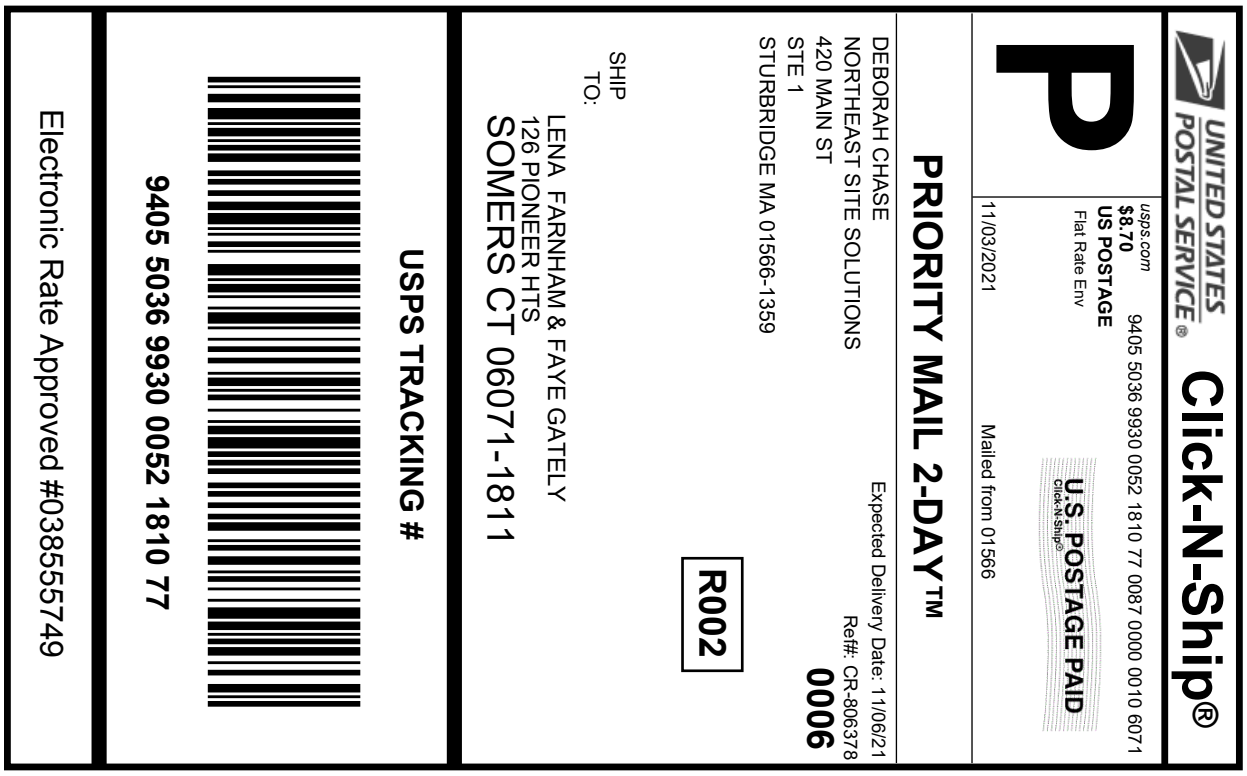

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0052 1810 77

Trans. #:	547544955
Print Date:	11/03/2021
Ship Date:	11/03/2021
Expected Delivery Date:	11/06/2021

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

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

Ref#: CR-806378

To: LENA FARNHAM & FAYE GATELY
126 PIONEER HTS
SOMERS CT 06071-1811

* 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

806378

UNITED STATES POSTAL SERVICE.

FARMINGTON
210 MAIN ST
FARMINGTON, CT 06032-9998
(800)275-8777

11/10/2021 04:19 PM

Product	Qty	Unit Price	Price
Prepaid Mail Westborough, MA 01581 Weight: 0 lb 2.00 oz Acceptance Date: Wed 11/10/2021 Tracking #: 9405 5036 9930 0052 1810 46	1		$0.00
Prepaid Mail Somers, CT 06071 Weight: 0 lb 8.60 oz Acceptance Date: Wed 11/10/2021 Tracking #: 9405 5036 9930 0052 1810 77	1		$0.00
Prepaid Mail Somers, CT 06071 Weight: 0 lb 8.60 oz Acceptance Date: Wed 11/10/2021 Tracking #: 9405 5036 9930 0052 1810 53	1		$0.00
Prepaid Mail Somers, CT 06071 Weight: 0 lb 8.60 oz Acceptance Date: Wed 11/10/2021 Tracking #: 9405 5036 9930 0052 1810 39	1		$0.00

Grand Total: $0.00

****