NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

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

February 11, 2022

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

RE: Exempt Modification Application
15 Pent Road, Deep River, CT 06417
Latitude: 41.37222
Longitude: -72.43500
Site #: 823666_Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 15 Pent Road, Deep River, CT 06417. Verizon Wireless currently maintains twelve (12) antennas at the 170-foot level of the existing 180-foot tower. The property is owned by Beks Holdings LLC and the tower is owned by Crown Castle. Verizon now intends to replace nine (9) antennas. The new antennas would be installed at the 170-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 Maser mount analysis dated December 1, 2021.

Verizon Planned Modifications:

Remove: None

Remove and Replace:
(3) BXA-70063-6CF Antennas (REMOVE) – (3) Samsung MT6407-77A Antennas (REPLACE)
(6) HBXX-6517DS-A2M Antennas (REMOVE) – (6) JMA MX06FR0660-03 Antennas (REPLACE)
(3) Nokia B4 RRH (REMOVE) - (3) Samsung RF44439d-25A RRH (REPLACE)
(3) Nokia B13 RRH (REMOVE) - (3) Samsung RF4440d-13A RRH (REPLACE)

Install New:
(1) Raycap RVZDC-6627-PF-48
(1) Hybrid Line 1-5/8"

Existing to Remain:
(3) ANDREW Antennas
(12) 1-5/8" Coax
(1) Raycap OVP

The facility was approved by the Town of Deep River, Building Permit No. 00-1-182 on August 18, 2000. Please see attached.

NORTHEAST SITE SOLUTIONS

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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 Angus L. McDonald, Jr., First Selectman and Mike D'Amato, Zoning Enforcement Officer for the Town of Deep River. 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: Angus L. McDonald, Jr., First Selectman
Deep River Town Hall
174 Main Street
Deep River, CT 06417

Mike D'Amato, Zoning Enforcement Officer
Deep River Town Hall
174 Main Street
Deep River, CT 06417

Beks Holdings LLC, Property Owners
14 Timberlane Dr
Westbrook, CT 06498

Crown Castle, Tower Owner

Exhibit A

Original Facility Approval

CT-11-237C

BUILDING PERMIT

JOB WEATHER CARD

DATE AUGUST 18, 2000 PERMIT NO. 00-1-182

APPLICANT VOICE STREAM WIRELESS ADDRESS 109 FILLEY, BLOOMFIELD, CT. 06002
(NO.) (STREET) (CONTR'S LICENSE)

PERMIT TO CONSTRUCT ANTENNA TOWER) STORY NUMBER OF DWELLING UNITS 0
(TYPE OF IMPROVEMENT) NO. (PROPOSED USE)

AT (LOCATION) 19 PENT ROAD, DEEP RIVER ZONING DISTRICT
(NO.) (STREET)

BETWEEN (CROSS STREET) AND (CROSS STREET)

SUBDIVISION LOT BLOCK LOT SIZE

BUILDING IS TO BE FT. WIDE BY FT. LONG BY FT. IN HEIGHT AND SHALL CONFORM IN CONSTRUCTION

TO TYPE USE GROUP BASEMENT WALLS OR FOUNDATION (TYPE)

REMARKS: PERMIT ISSUED FOR THE CONSTRUCTION OF TOWER PER SUBMITTED APPLICATION AND DRAWINGS. ALL APPLICABLE CODES MUST BE MET AND INSPECTIONS REQUESTED. FIRST INSPECTION REQUIRED PRIOR TO POURING ANY CONCRETE.
CONTRACTOR: COSTANTIA CONST. 2534 FOREDALE AVE., OCEANSIDE, NY 11572

AREA OR VOLUME (CUBIC/SQUARE FEET) ESTIMATED COST $ 15,000.00 PERMIT FEE $ 240.00

OWNER SPRINT STAMFORD

ADDRESS 19 PENT ROAD, DEEP RIVER

BUILDING DEPT.

BY

THIS PERMIT CONVEYS NO RIGHT TO OCCUPY ANY STREET, ALLEY OR SIDEWALK OR ANY PART THEREOF, EITHER TEMPORARILY OR PERMANENTLY. ENCROACHMENTS ON PUBLIC PROPERTY, NOT SPECIFICALLY PERMITTED UNDER THE BUILDING CODE, MUST BE APPROVED BY THE JURISDICTION. STREET OR ALLEY GRADES AS WELL AS DEPTH AND LOCATION OF PUBLIC SEWERS MAY BE OBTAINED FROM THE DEPARTMENT OF PUBLIC WORKS. THE ISSUANCE OF THIS PERMIT DOES NOT RELEASE THE APPLICANT FROM THE CONDITIONS OF ANY APPLICABLE SUBDIVISION RESTRICTIONS.

MINIMUM OF THREE CALLED INSPECTIONS REQUIRED FOR ALL CONSTRUCTION WORK:
1. FOUNDATIONS OR FOOTINGS.
2. PRIOR TO COVERING STRUCTURAL MEMBERS (READY FOR LATH OR FINISH COVERING).
3. FINAL INSPECTION BEFORE OCCUPANCY.

APPROVED PLANS MUST BE RETAINED ON JOB AND THIS CARD KEPT POSTED UNTIL FINAL INSPECTION HAS BEEN MADE. WHERE A CERTIFICATE OF OCCUPANCY IS REQUIRED, SUCH BUILDING SHALL NOT BE OCCUPIED UNTIL FINAL INSPECTION HAS BEEN MADE.

WHERE APPLICABLE SEPARATE PERMITS ARE REQUIRED FOR ELECTRICAL, PLUMBING AND MECHANICAL INSTALLATIONS.

POST THIS CARD SO IT IS VISIBLE FROM STREET

BUILDING INSPECTION APPROVALS	PLUMBING INSPECTION APPROVALS	ELECTRICAL INSPECTION APPROVALS
1	1	1
2	2	2
3	HEATING INSPECTING APPROVALS	REFRIGERATION INSPECTION APPROVALS
	1	1
OTHER	2	2

WORK SHALL NOT PROCEED UNTIL THE INSPECTOR HAS APPROVED THE VARIOUS STAGES OF CONSTRUCTION.

PERMIT WILL BECOME NULL AND VOID IF CONSTRUCTION WORK IS NOT STARTED WITHIN SIX MONTHS OF DATE THE PERMIT IS ISSUED AS NOTED ABOVE.

INSPECTIONS INDICATED ON THIS CARD CAN BE ARRANGED FOR BY TELEPHONE OR WRITTEN NOTIFICATION.

FORM NO. BOCA-1 BP 1994

Exhibit B

Property Card

Property Location: 73 NO MAIN ST | **MAP ID:** 6/ 26/ 65T/ / | **Bldg Name:** | **State Use:** 200

Vision ID: 100287 | **Account #** 2014T | **Bldg #:** 1 of 1 | **Sec #:** 1 of 1 | **Card** 1 of 1 | **Print Date:** 05/07/2019 10:27

CURRENT OWNER	TOPO.	UTILITIES	STRT./ROAD	LOCATION
ADVANTAGE PROPERTIES LLC	2 Above Street		1 Paved	
C/O CROWN ATLANTIC CO				
PMB 353				
4017 WASHINGTON RD				
MCMURRAY, PA 15317				
Additional Owners:				

SUPPLEMENTAL DATA

Other ID: 2014T	EXEMPT CO
Census	Lake Area
Dev. Lot	Photo Retake
Dev. Map	CB Letter
GIS ID: 6/26/65T	ASSOC PID#

CURRENT ASSESSMENT

Description	Code	Appraised Value	Assessed Value
Comm Land	2-1	121,900	85,330
Comm Bldg	2-2	80,600	56,420
Comm OB	2-5	663,000	464,100
	Total	865,500	605,850

6079
MARLBOROUGH, CT

VISION

RECORD OF OWNERSHIP

	BK-VOL/PAGE	SALE DATE	q/u	v/i	SALE PRICE	V.C.
ADVANTAGE PROPERTIES LLC	252/ 911	05/06/2019	U	I		29
VILLAGE PROPERTIES LLC	127/ 9	02/03/1999	U	I		29

PREVIOUS ASSESSMENTS (HISTORY)

Yr.	Code	Assessed Value	Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
2015	2-1	85,330	2014	2-1	90,300	2014	2-1	90,300
2015	2-2	56,420	2014	2-2	25,270	2014	2-2	25,270
2015	2-5	578,620	2014	2-5	463,260	2014	2-5	463,260
	Total:	720,370		Total:	578,830		Total:	578,830

EXEMPTIONS

Year	Type	Description	Amount
		Total:	

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm. Int.

This signature acknowledges a visit by a Data Collector or Assessor

APPRAISED VALUE SUMMARY

Appraised Bldg. Value (Card)	80,600
Appraised XF (B) Value (Bldg)	0
Appraised OB (L) Value (Bldg)	663,000
Appraised Land Value (Bldg)	121,900
Special Land Value	0
Total Appraised Parcel Value	865,500
Valuation Method:	C
Adjustment:	0
Net Total Appraised Parcel Value	865,500

ASSESSING NEIGHBORHOOD

NBHD/ SUB	NBHD Name	Street Index Name	Tracing	Batch
0001/A				

NOTES

CELL TOWER LOCATED BEHIND MARLBORO BARN
CELLULAR TOWER; GATED
500 FT LF FALL DOWN ZONE = 5.74 AC
1.84 COMMERCIAL SITE
3.9 COMMERCIAL EXCESS

CELL TOWER VALUE = $2083/MONTH-5% VAC-
15% EXPENSES = $20,184 CAPPED AT 10% =
$201,880 PER SITE X 5 SITES = $1,009,400
2017 UPDATE-TERMINATION/EXPIRATION OFONE
CARRIER/SPRINT/NEXTEL

BUILDING PERMIT RECORD

Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.	Date Comp.	Comments
18-318	10/16/2018	BP		20,000		0		REMOVE AND REPLAC
17-035	03/09/2017	BP		7,500		0		REPLACE 3 RRUS TO E
15-101	05/12/2015	CM	Commercial	0	07/27/2015	100		ANTENNA UPGRADE
1128	12/27/2012	CM	Commercial	0	07/27/2015	100		GROUND MOUNTED C
500	12/13/2011	CM	Commercial	0	07/27/2015	100		CHANGE SEVEN (7) AN

VISIT/ CHANGE HISTORY

Date	Type	IS	ID	Cd.	Purpose/Result
07/27/2015			LM	99	Vacant Land

LAND LINE VALUATION SECTION

B #	Use Code	Use Description	Zone	D	Front	Depth	Units	Unit Price	I. Factor	S.A.	Acre Disc	C. Factor	ST. Idx	Adj.	Notes- Adj	Special Pricing	S Adj Fact	Adj. Unit Price	Land Value
1	200	Commercial	R	A	181		1.84 AC	76,000.00	0.6150	C	1.0000	1.00	D	1.10			1.00		94,600
1	200	Commercial	R				3.90 AC	7,000.00	1.0000	0	1.0000	1.00		0.00			1.00		27,300

Total Card Land Units: 5.74 AC | Parcel Total Land Area: 5.74 AC | Total Land Value: 121,900

Property Location: 73 NO MAIN ST | **MAP ID:** 6/ 26/ 65T/ / | **Bldg Name:** | **State Use:** 200

Vision ID: 100287 | **Account #** 2014T | **Bldg #:** 1 of 1 | **Sec #:** 1 of 1 | **Card** 1 of 1 | **Print Date:** 05/07/2019 10:27

CONSTRUCTION DETAIL

Element	Cd.	Ch.	Description
Style	91		Support Shed
Model	94		Commercial
Grade	03		Average
Stories	1		
Occupancy	1		
Exterior Wall A	24		Reinforc Concr
Exterior Wall B			
Roof Structure	01		Flat
Roof Cover	04		T&G/Rubber
Interior Wall A	01		Minimum
Interior Wall B			
Interior Floor A	03		Concrete
Interior Floor B			
Heating Fuel	01		Coal or Wood
Heating Type	01		None
AC Type	03		Central
Bldg Use	200		Commercial
Heat/AC	02		HEAT/AC SPLIT
Frame Type	04		Reinforced Cnc
Baths/Plumbing	00		None
Ceiling/Walls	00		None
Rooms/Prtns	01		Light
Wall Height	8		
% Comn Wall			

CONSTRUCTION DETAIL (CONTINUED)

Element	Cd.	Ch.	Description

MIXED USE

Code	Description	Percentage
200	Commercial	100

COST/MARKET VALUATION

Adj. Base Rate:	110.32
Replace Cost	92,669
AYB	2000
Dep Code	A
Remodel Rating	
Year Remodeled	
Dep %	13
Functional Obslnc	
External Obslnc	
Cost Trend Factor	1
Condition	
% Complete	
Overall % Cond	87
Apprais Val	80,600
Dep % Ovr	0
Dep Ovr Comment	
Misc Imp Ovr	0
Misc Imp Ovr Comment	
Cost to Cure Ovr	0
Cost to Cure Ovr Comment	

OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)

Code	Description	Sub	Sub Descript	L/B	Units	Unit Price	Yr	Gde	Dp Rt	Cnd	%Cnd	Apr Value
SHD1	Shed	FR	Frame	L	360	20.00	1999			5	60	4,300
FN4	Fence 8'			L	322	20.00	2000			5	60	3,900
PAT1	Patio	CR	Concrete	L	192	3.50	2000				60	400
CELL	Cell Tower			L	4	163,600.00	2011		0		100	654,400

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprec. Value
BAS	First Floor	840	840	840		92,669
	Ttl. Gross Liv/Lease Area:	840	840	840		92,669

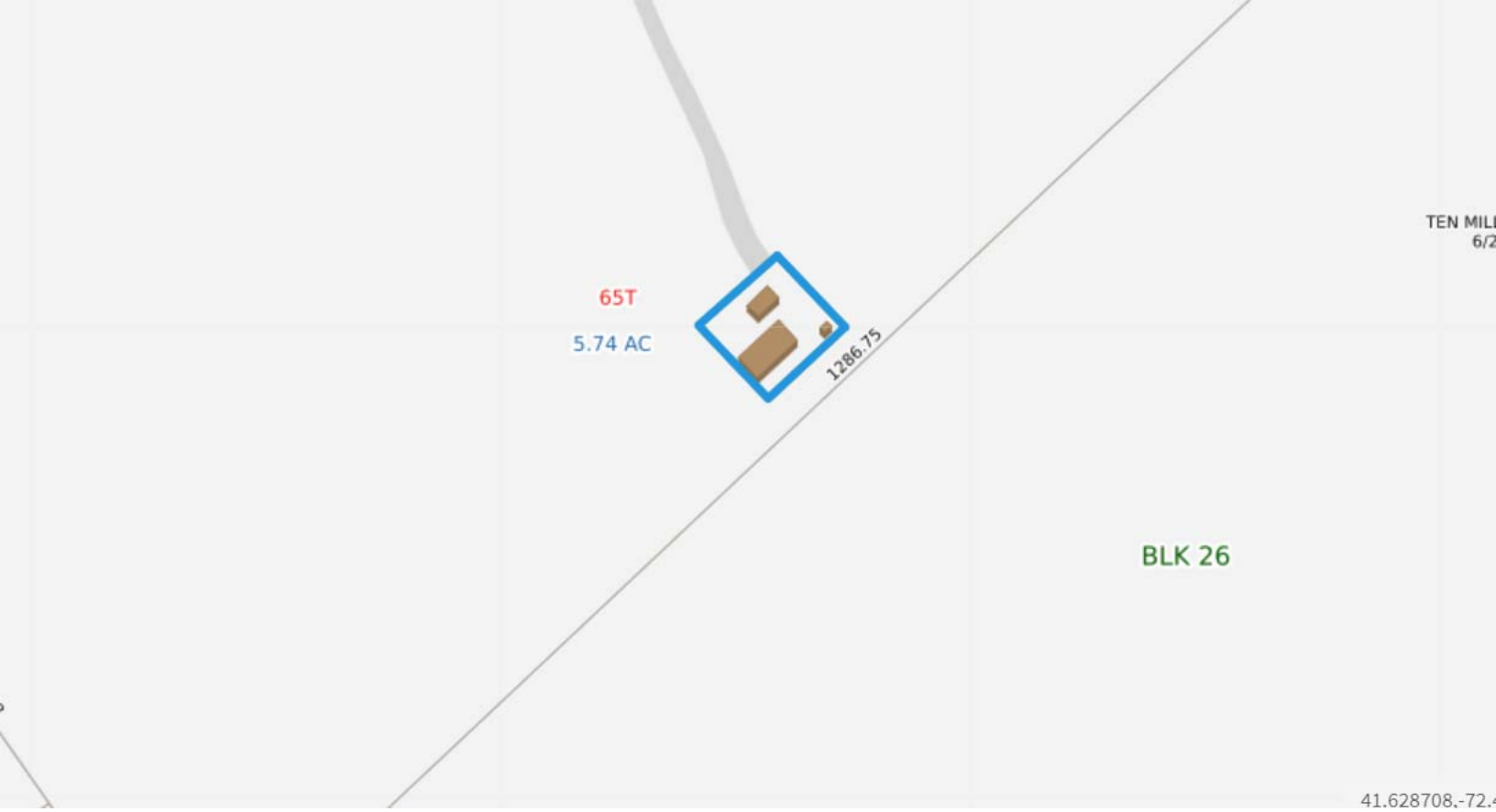

65T
5.74 AC
1286.75
BLK 26
TEN MILE
6/2
41.628708,-72.4

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 467700
VERIZON SITE NAME: DEEP RIVER CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 178'-0"

BUSINESS UNIT #: 823666
SITE ADDRESS: 15 PENT RD.
DEEP RIVER, CT 06417
COUNTY: MIDDLESEX
JURISDICTION: CONNECTICUT SITING COUNCIL

VERIZON FUZE PROJECT #: 16271929

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	DEEP RIVER/RT 9
SITE ADDRESS:	15 PENT RD. DEEP RIVER, CT 06417
COUNTY:	MIDDLESEX
MAP/PARCEL #:	TBD
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 22' 22.17" N (41.372222°)
LONGITUDE:	72° 26' 3.97" W (-72.435°)
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	610'
CURRENT ZONING:	N/A
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:	TBD ---- ----
TOWER OWNER:	CCATT LLC 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921
ELECTRIC PROVIDER:	TBD ----
TELCO PROVIDER:	AT&T 855-637-9527

PROJECT TEAM

A&E FIRM:	CROWN CASTLE USA INC. 2000 CORPORATE DRIVE CANONSBURG, PA 15317 CROWNAE.APPROVAL@CROWNCASTLE.COM
CROWN CASTLE USA INC. DISTRICT CONTACTS:	3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065 WILLIAM GATES - PROJECT MANAGER WILLIAM.GATES@CROWNCASTLE.COM JASON D'AMICO - CONSTRUCTION MANAGER JASON.D'AMICO@CROWNCASTLE.COM
VERIZON CONTACT:	ANDREW LEONE ALEONE@STRUCTURECONSULTING.NET

DRAWING INDEX

SHEET #	SHEET DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES
C-1	SITE PLAN
C-2	TOWER ELEVATION & ANTENNA PLANS
C-3	EQUIPMENT SCHEDULES
C-4	EQUIPMENT DETAILS
C-5	FIBER NAMING & EQUIPMENT DETAILS
C-6	COLOR CODE
C-7	PLUMBING DIAGRAM
G-1	GROUNDING DETAILS
G-2	GROUNDING DETAILS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 11X17. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

APPROVALS

SIGNATURE	DATE

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT	https://pmi.vxwsmart.com
SMART TOOL VENDOR PROJECT NUMBER	6039-Z0001-C
VzW LOCATION CODE (PSLC)	467700

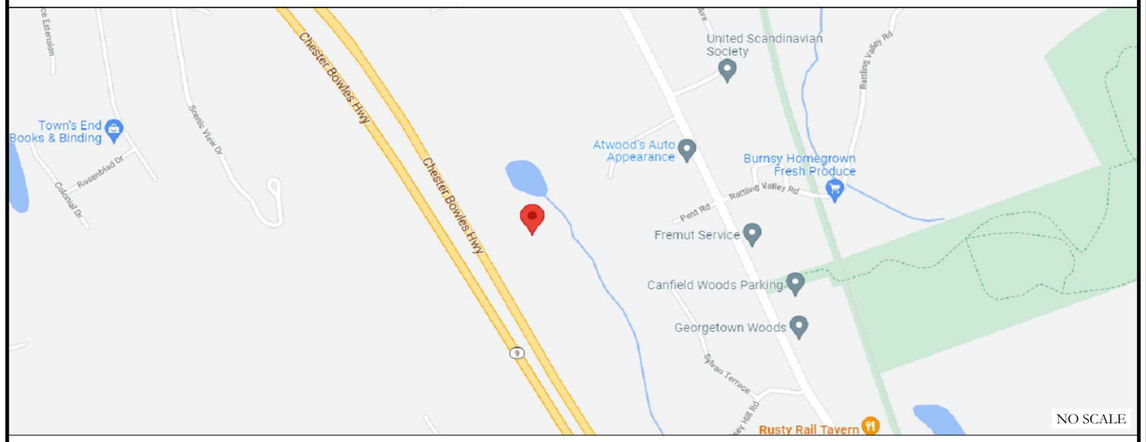
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	**Y**

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



NO SCALE

DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921)
DEPART AND HEAD TOWARD US-206 N / US-202 N / US HIGHWAY 202 206, TURN RIGHT ONTO SCHLEY MOUNTAIN RD, PASS DAYS INN BY WYNDHAM NANUET / SPRING VALLEY ON THE RIGHT IN 12.2 KM, KEEP STRAIGHT TO GET ONTO I-287 E, AT EXIT 69, HEAD RIGHT ON THE RAMP FOR CT-9 NORTH TOWARD ESSEX / HARTFORD, AT EXIT 4, HEAD RIGHT ON THE RAMP FOR CT-154 TOWARD DEEP RIVER, TURN LEFT ONTO CT-154 / MAIN ST TOWARD DEEP RIVER, TURN LEFT, ARRIVE AT 15 PENT RD., DEEP RIVER, CT 06417.

APPLICABLE CODES/REFERENCE DOCUMENTS

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

CODE TYPE	CODE
BUILDING	2018 IBC
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	B+T GROUP
DATED:	08/25/2021
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	12/01/2021
RFDS REVISION:	0
DATED:	10/12/2021
ORDER ID:	582520
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) RRHs
- INSTALL (6) ANTENNAs
- INSTALL (3) INTEGRATED ANTENNAs
- INSTALL (6) RRHs
- INSTALL (1) OVP
- INSTALL (1) HYBRID CABLE
- INSTALL ANTENNA MOUNT MODS

GROUND SCOPE OF WORK:
- N/A

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER:
467700

BU #: **823666**
DEEP RIVER/RT 9

15 PENT RD.
DEEP RIVER, CT 06417

EXISTING 178'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	12/13/2021	RCD	FINAL CDs	----

STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER
12/21/2021

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

INFINIGY
FROM ZERO TO INFINIGY
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VERIZON SITE NUMBER:
467700

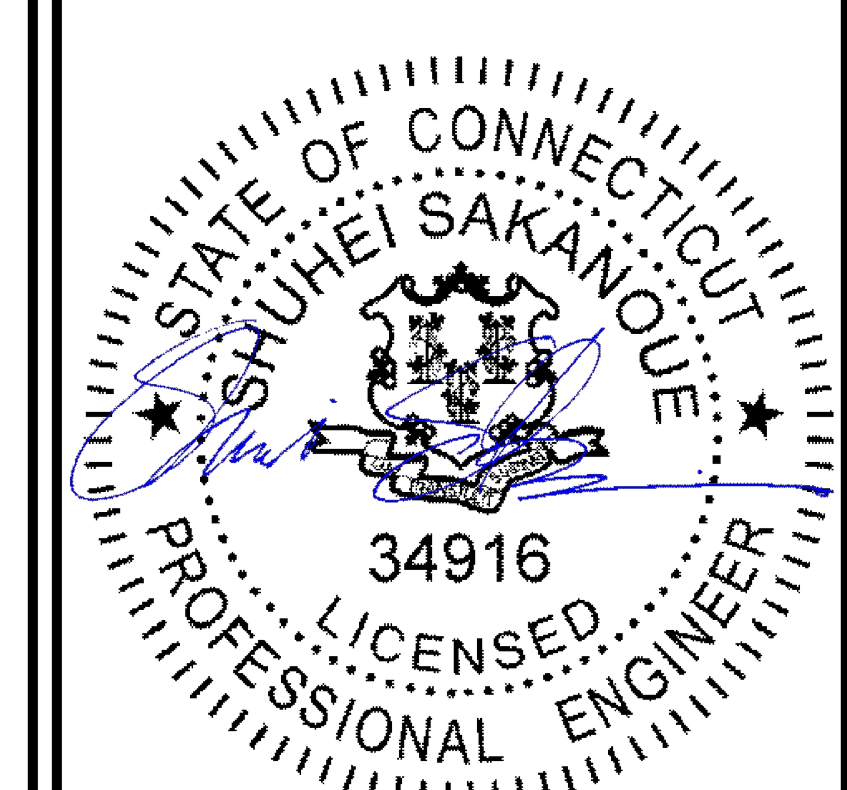
BU #: **823666**
DEEP RIVER/RT 9

15 PENT RD.
DEEP RIVER, CT 06417

EXISTING 178'-0" MONOPOLE

ISSUED FOR:

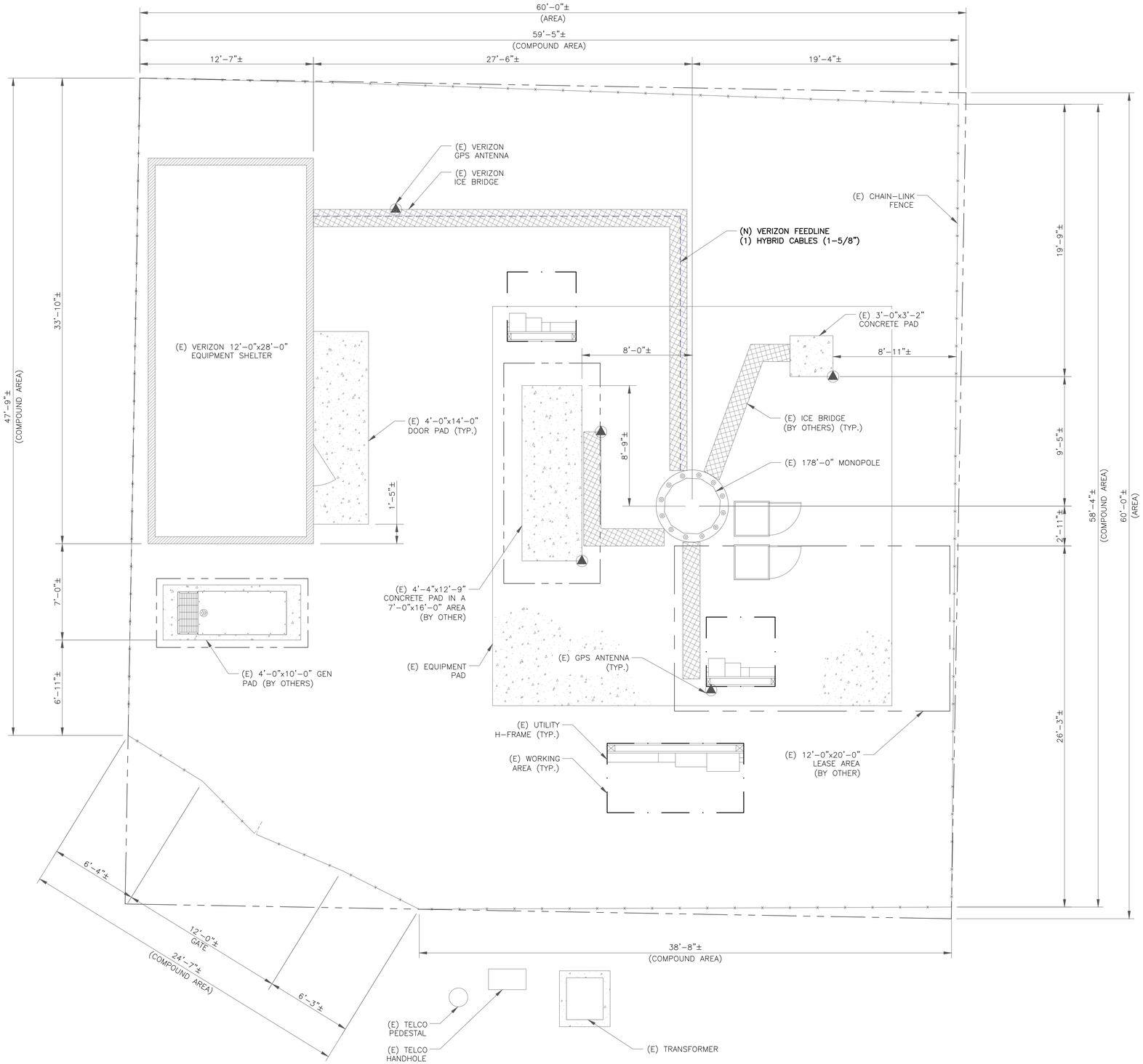
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	12/13/2021	RCD	FINAL CDs	----



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

SHEET NUMBER: **T-2**

REVISION: **0**



1 SITE PLAN

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

N

verizon

180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE

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

INFINIGY

FROM ZERO TO INFINIGY
the solutions are endless

BELLEVUE, WA 98004

VERIZON SITE NUMBER:
467700

BU #: **823666**
DEEP RIVER/RT 9

15 PENT RD.
DEEP RIVER, CT 06417

EXISTING 178'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	12/13/2021	RCD	FINAL CDs	----

STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER

SHEET NUMBER: C-1

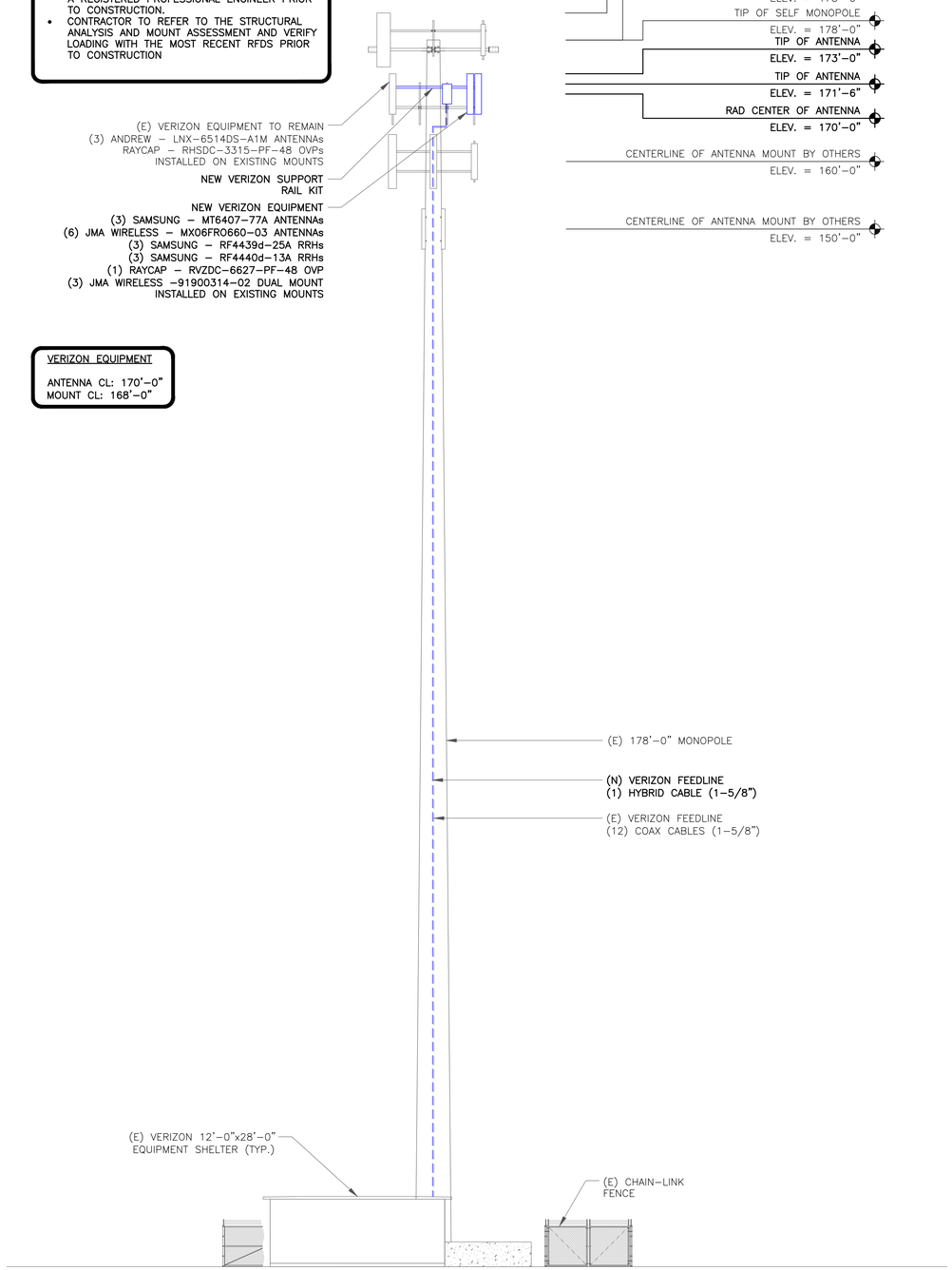
REVISION: 0

NOTES:

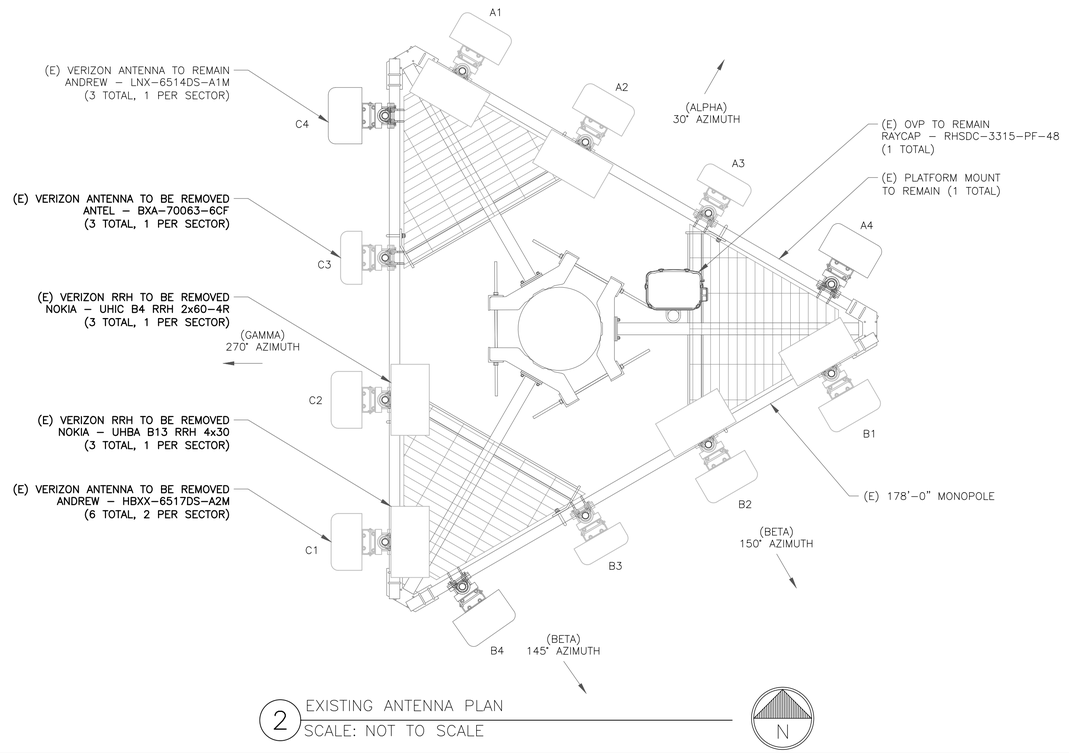
- THESE DRAWINGS ARE NOT INTENDED TO BE A VERIFICATION THAT THE STRUCTURE OR MOUNTS ARE ADEQUATE TO SUPPORT THE PROPOSED LOADING. VERIFICATION THAT THE EXISTING STRUCTURE AND MOUNTS CAN SUPPORT THE PROPOSED LOADING SHALL BE PERFORMED BY A REGISTERED PROFESSIONAL ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR TO REFER TO THE STRUCTURAL ANALYSIS AND MOUNT ASSESSMENT AND VERIFY LOADING WITH THE MOST RECENT RFDS PRIOR TO CONSTRUCTION

VERIZON EQUIPMENT

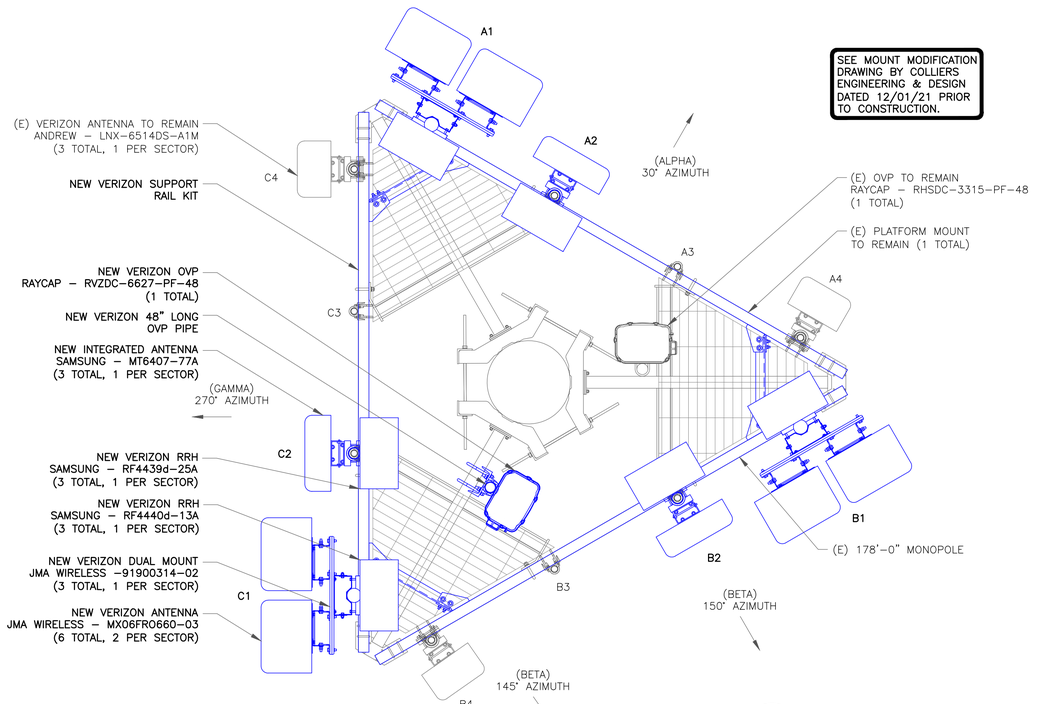
ANTENNA CL: 170'-0"
MOUNT CL: 168'-0"



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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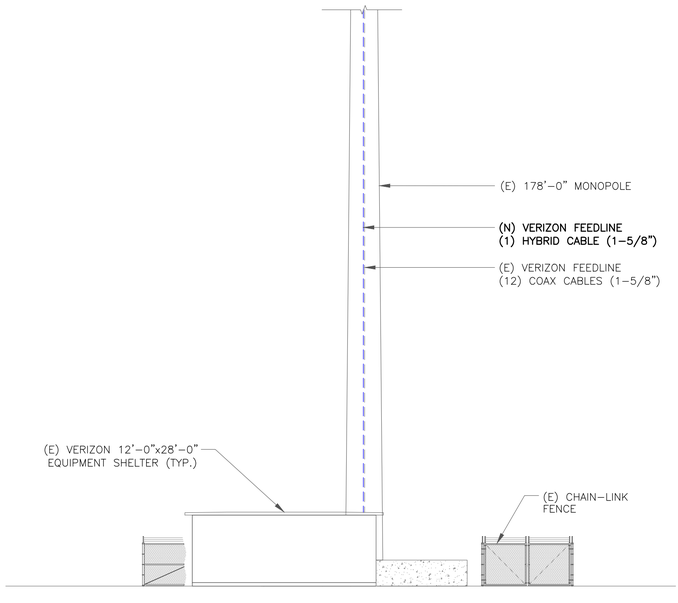
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	NEW	JMA WIRELESS	MX06FRO660-03	170'-0"	30°	0°	2°/2°/2°/2°	SAMSUNG SAMSUNG JMA WIRELESS	(1) RF4439d-25A (1) RF4440d-13A (1) 91900314-02
	NEW	JMA WIRELESS	MX06FRO660-03						
A2	NEW	SAMSUNG	MT6407-77A	170'-0"	30°	0°	6°	–	–
A3	–	–	–	–	–	–	–	–	–
A4	EXISTING	ANDREW	LNX-6514DS-A1M	170'-0"	30°	0°	2°	RAYCAP	(1) RHSDC-3315-PF-48
B1	NEW	JMA WIRELESS	MX06FRO660-03	170'-0"	150°	0°	2°/2°/2°/2°	SAMSUNG SAMSUNG JMA WIRELESS	(1) RF4439d-25A (1) RF4440d-13A (1) 91900314-02
	NEW	JMA WIRELESS	MX06FRO660-03						
B2	NEW	SAMSUNG	MT6407-77A	170'-0"	150°	0°	6°	–	–
B3	–	–	–	–	–	–	–	–	–
B4	EXISTING	ANDREW	LNX-6514DS-A1M	170'-0"	145°	0°	2°	RAYCAP	(1) RVZDC-6627-PF-48
C1	NEW	JMA WIRELESS	MX06FRO660-03	170'-0"	270°	0°	2°/2°/2°/2°	SAMSUNG SAMSUNG JMA WIRELESS	(1) RF4439d-25A (1) RF4440d-13A (1) 91900314-02
	NEW	JMA WIRELESS	MX06FRO660-03						
C2	NEW	SAMSUNG	MT6407-77A	170'-0"	270°	0°	6°	–	–
C3	–	–	–	–	–	–	–	–	–
C4	EXISTING	ANDREW	LNX-6514DS-A1M	170'-0"	270°	0°	2°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
NEW	HYBRID	1-5/8"	220'-0"±	1
EXISTING	COAX	1-5/8"	220'-0"±	12
TOTAL CABLE QTY:				13



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

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VERIZON SITE NUMBER:
467700

BU #: **823666**
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EXISTING 178'-0" MONOPOLE

ISSUED FOR:

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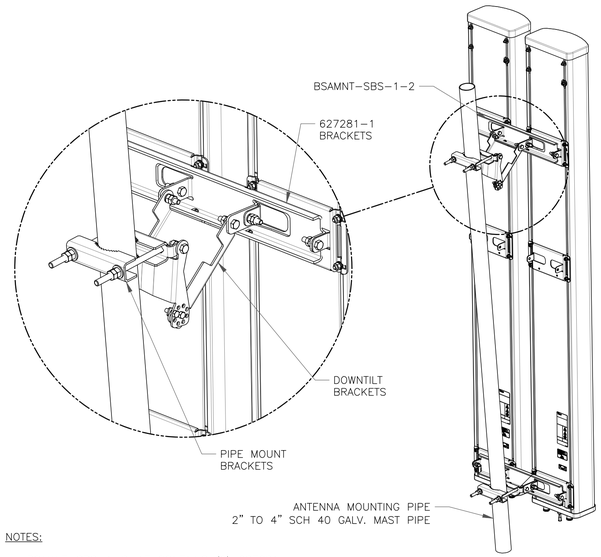
SHEET NUMBER: C-3
REVISION: 0

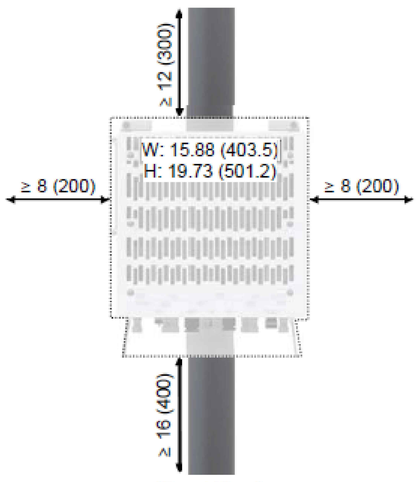


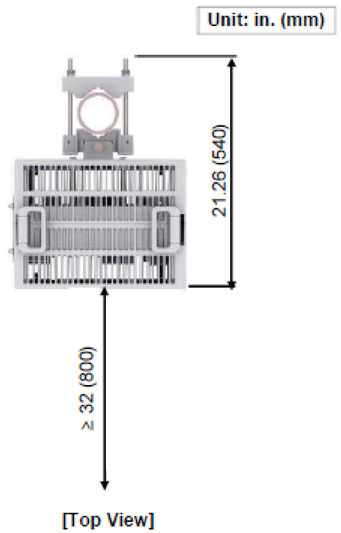
NOTES:

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

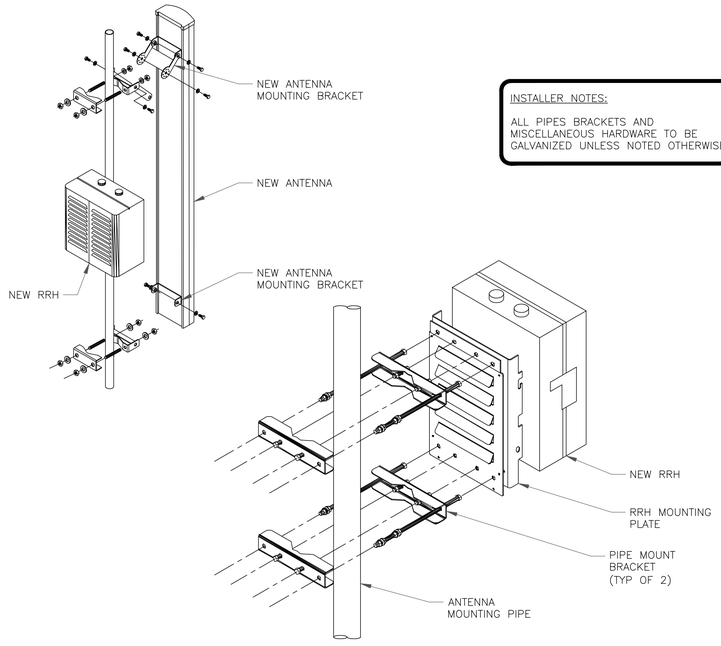
1 COMMSCOPE – BSAMNT-SBS-1-2
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE





3 SAMSUNG – 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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VERIZON SITE NUMBER:
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LICENSED PROFESSIONAL ENGINEER

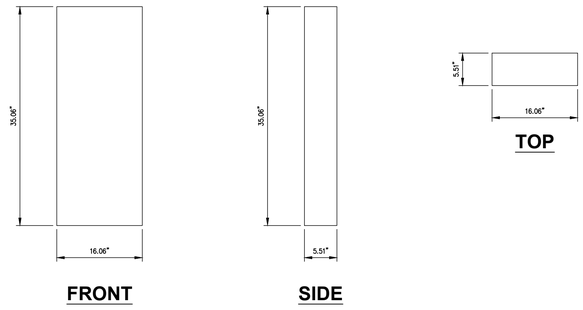
SHEET NUMBER: C-4

REVISION: 0

SAMSUNG PANEL ANTENNA (MT6407-77A)

DIMENSIONS, HxWxD: 35.06"x16.06"x5.51"

WEIGHT, W/O BRACKETS: 81.57 lbs



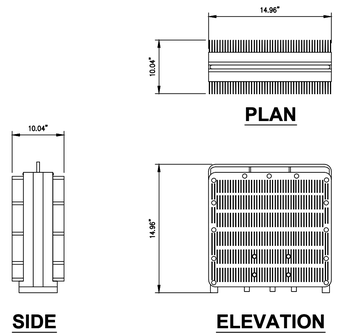
1 SAMSUNG MT6407-77A ANTENNA DETAIL
SCALE: NOT TO SCALE

SAMSUNG RF4439D-25A

DIMENSIONS, WxDxH: 14.96" X 14.96" X 10.04"

TOTAL WEIGHT: 74.70 lbs

TEMPERATURE: -40° TO 55° C



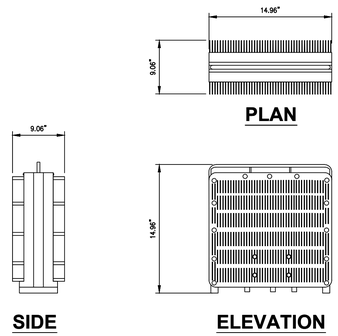
2 SAMSUNG RF4439D-25A DETAIL
SCALE: NOT TO SCALE

SAMSUNG RF4440D-13A

DIMENSIONS, WxDxH: 14.96" X 14.96" X 9.06"

TOTAL WEIGHT: 72.50 lbs

TEMPERATURE: -40° TO 55° C

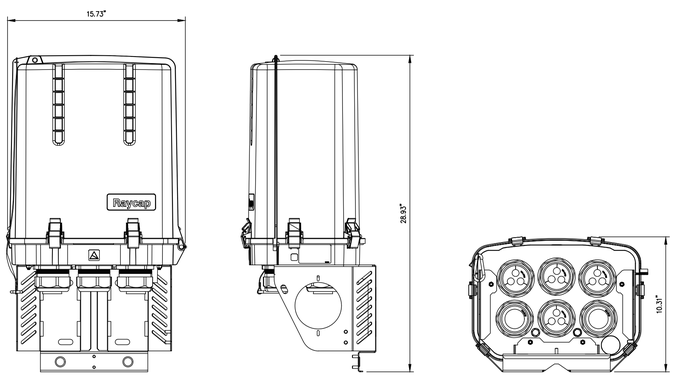


3 SAMSUNG RF4440d-13A DETAIL
SCALE: NOT TO SCALE

RAYCAP RVZDC-6627-PF-48

DIMENSIONS, LxWxH: 28.93"x15.73"x10.31"

WEIGHT, W/O BRACKETS: 32.0 lbs

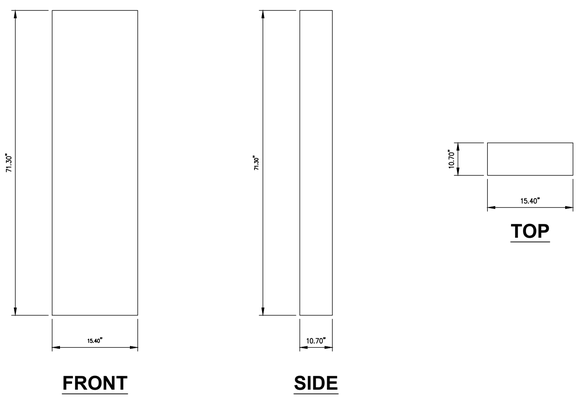


4 RAYCAP RVZDC-6627-PF-48 OVP DETAIL
SCALE: NOT TO SCALE

JMA WIRELESS PANEL ANTENNA (MX06FRO660-03)

DIMENSIONS, HxWxD: 71.30"x15.40"x10.70"

WEIGHT, W/O BRACKETS: 78.0 lbs



5 JMA WIRELESS MX06FRO660-03 ANTENNA DETAIL
SCALE: NOT TO SCALE

FIBER NAMING CONVENTION	
Technology	**(Equipment-Sector-OPTI #)**
DUPLEX FIBER RUN	
5GmmW L0	5GmmW-A-0
SIMPLEX FIBER RUN	
CBRS L0	CBRS-A-0
CBRS L1	CBRS-A-1
LAA L0	LAA-A-0
High Band Dual Band L0	HB-A-0
High Band Dual Band L1	HB-A-1
Low Band Dual Band L0	LB-A-0
FDMIMO AWS L0	FDM-AWS-A-0
FDMIMO AWS L1	FDM-AWS-A-1
FDMIMO PCS L0	FDM-PCS-A-0
FDMIMO PCS L1	FDM-PCS-A-1
Rev. 2/23/2021	

6 FIBER NAMING CONVENTION
SCALE: NOT TO SCALE

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LICENSED PROFESSIONAL ENGINEER

SHEET NUMBER: C-5

REVISION: 0

Alpha AWS							*Beta AWS*							*GammaAWS*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Port 3	WHITE						Port 3							Port 3						
Port 4	WHITE						Port 4							Port 4						
Alpha PCS							*Beta PCS*							*Gamma PCS*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Port 3	WHITE						Port 3							Port 3						
Port 4	WHITE						Port 4							Port 4						
Alpha LTE 700							*Beta LTE 700*							*Gamma LTE 700*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Port 3	WHITE						Port 3							Port 3						
Port 4	WHITE						Port 4							Port 4						
Alpha 850 LTE							*Beta 850 LTE*							*Gamma 850 LTE*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Port 3	WHITE						Port 3							Port 3						
Port 4	WHITE						Port 4							Port 4						
Alpha 850 CDMA							*Beta 850 CDMA*							*Gamma 850 CDMA*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						
Alpha EVDO							*Beta EVDO*							*Gamma EVDO*						
Port 1	WHITE						Port 1							Port 1						
Port 2	WHITE						Port 2							Port 2						

GPS 1				
GPS 2				
GPS 3				
GPS 4				

Alpha 850 LTE + 700 LTE									
Port 1	WHITE								
Port 2	WHITE								
Port 3	WHITE								
Port 4	WHITE								
Beta 850 LTE + 700 LTE									
Port 1									
Port 2									
Port 3									
Port 4									
Gamma 850 LTE + 700 LTE									
Port 1									
Port 2									
Port 3									
Port 4									

Alpha 850 NR Fiber	White			Ptouch - Alpha 850 NR
Beta 850 NR Fiber				Ptouch - Beta 850 NR
Gamma 850 NR Fiber				Ptouch - Gamma 850 NR

1 COLOR CODE
SCALE: NOT TO SCALE

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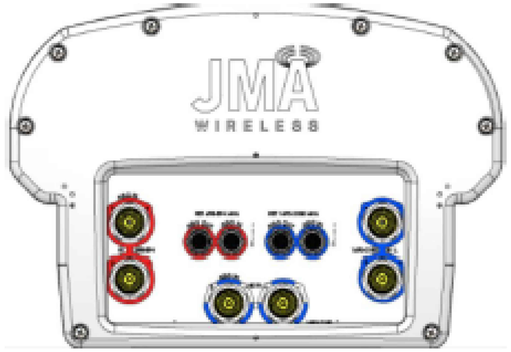
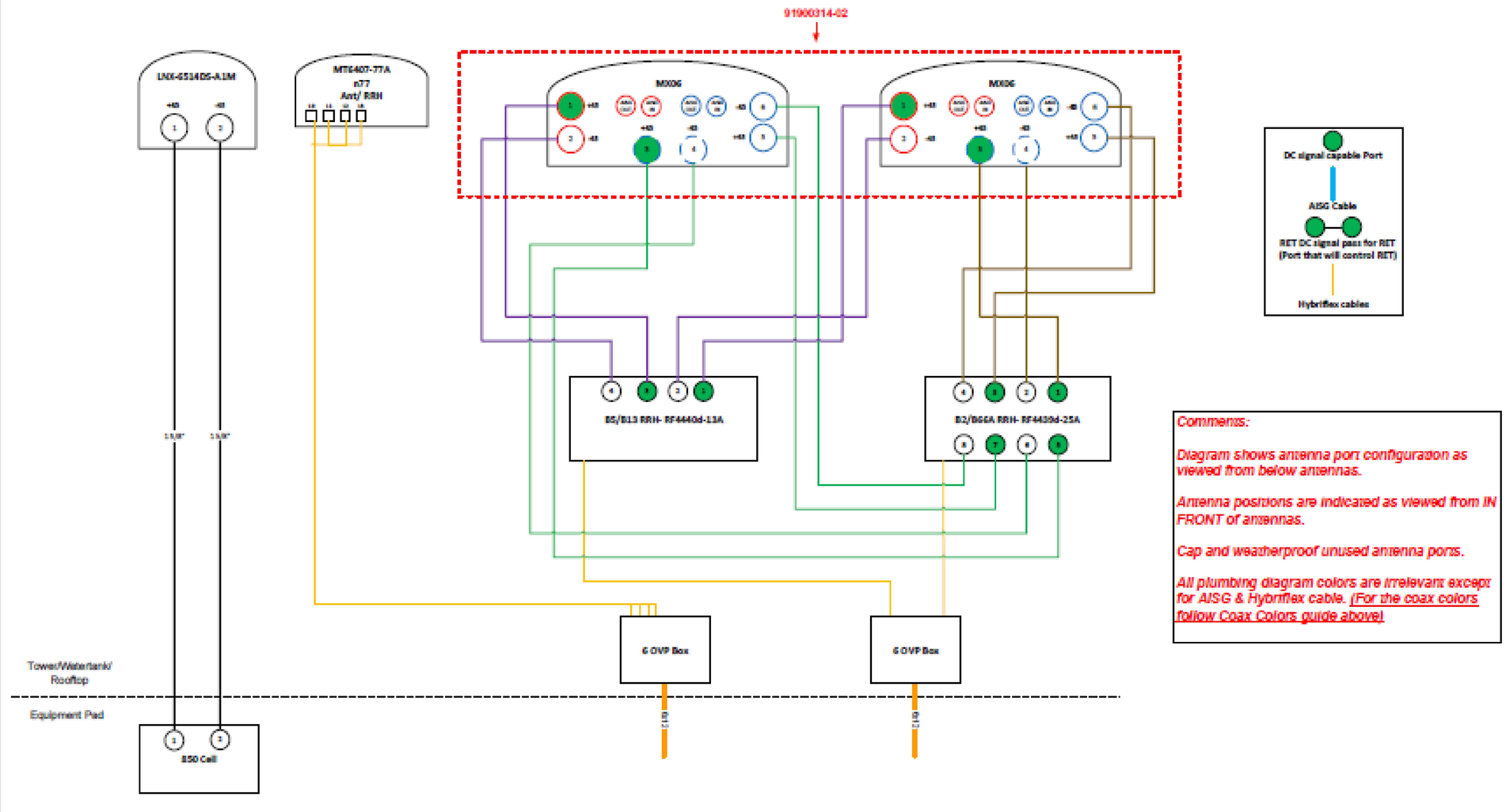


- Port 1 & 2 are for low band (698-896 MHz).
- Port 3,4,5, & 6 are for high band (1695-2360 MHz).
- Smart Bias Tee (SBT) is through port 1 & 3 for low band and port 1 for high band.
- AISG cable is only needed when drawn in the diagrams below, if it is not drawn then SBT is enough to control all RET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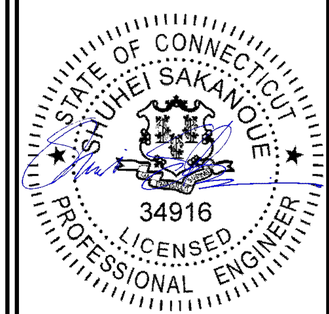
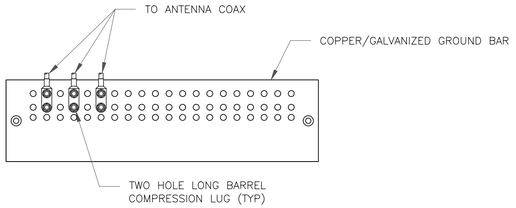


SHEET NUMBER: C-7

REVISION: 0



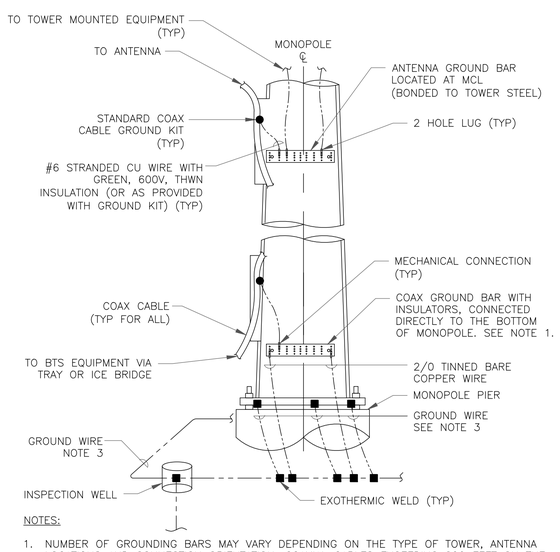
NOTES:

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

1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE

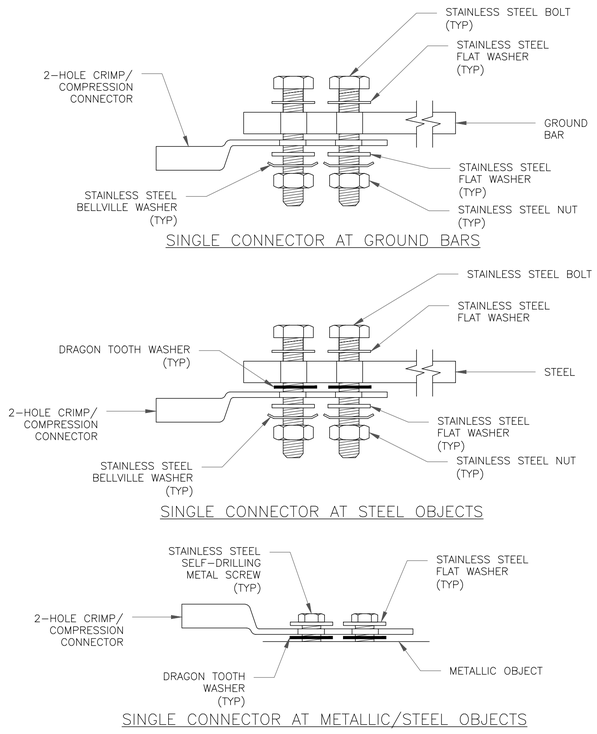
3 NOT USED
SCALE: NOT TO SCALE



NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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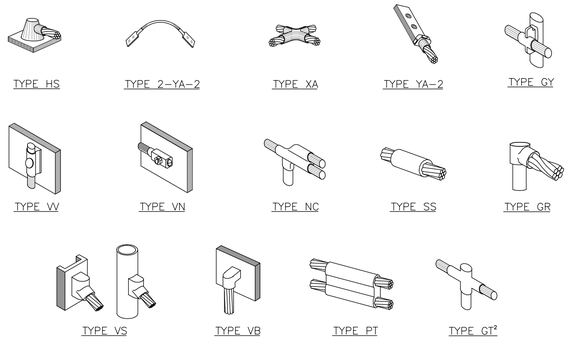
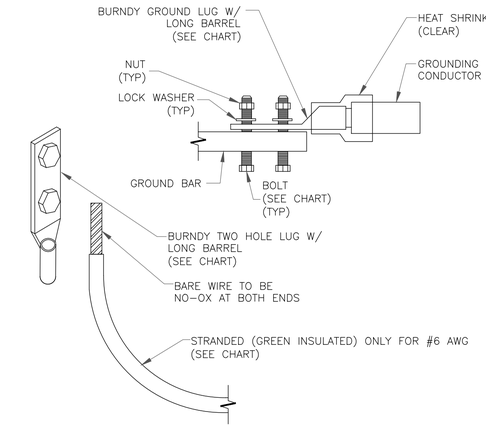


NOTE:

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

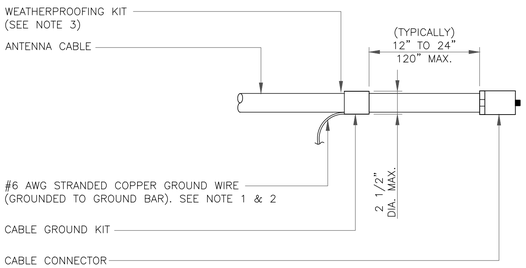
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



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.

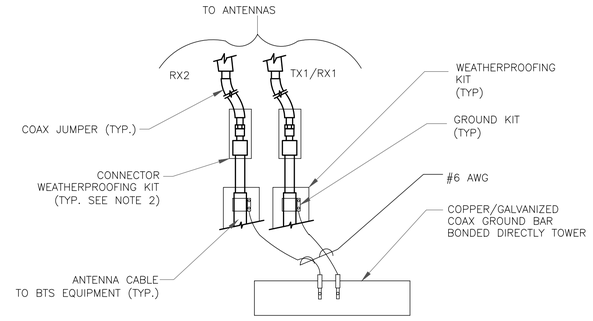
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



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.

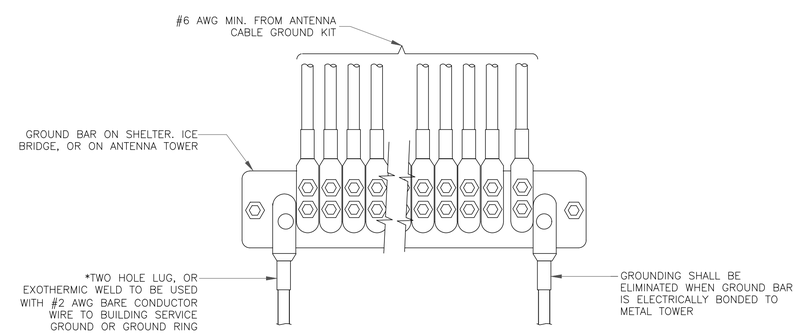
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



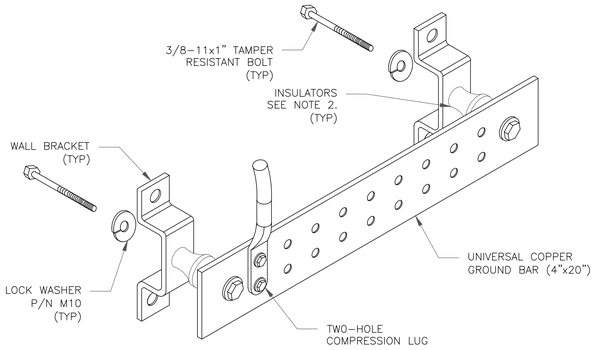
NOTES:

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



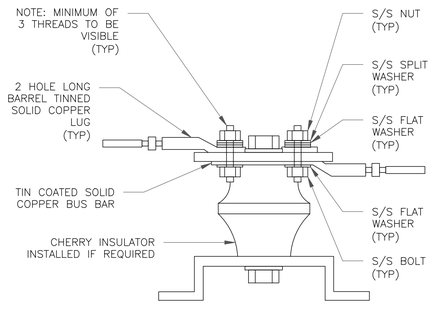
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



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 NOT USED
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER:
467700

BU #: **823666**
DEEP RIVER/RT 9

15 PENT RD.
DEEP RIVER, CT 06417

EXISTING 178'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	12/13/2021	RCD	FINAL CDs	----

STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER

SHEET NUMBER: G-2
REVISION: 0

Exhibit D

Structural Analysis Report

Date: **August 25, 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:	467700
	Site Name:	DEEP RIVER CT
Crown Castle Designation:	**BU Number:**	823666
	Site Name:	Deep River/Rt 9
	JDE Job Number:	682497
	Work Order Number:	2006809
	Order Number:	582520 Rev. 0
Engineering Firm Designation:	**B+T Group Project Number:**	135998.003.01
Site Data:	**15 Pent Rd., Deep River, Middlesex County, CT** **Latitude *41° 22' 22.17"*, Longitude *-72° 26' 3.97"*** **178 Foot - Monopole Tower**	

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

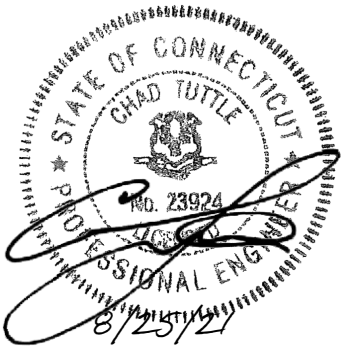
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Proposed Equipment Configuration **Sufficient Capacity**

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

Structural analysis prepared by: Massood Sattari, EIT

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 178 ft. Monopole tower designed by Pirod Manufactures Inc.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	130 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
168.0	170.0	3	Andrew	LNX-6514DS-A1M	13	1-5/8
		6	JMA Wireless	MX06FRO660-03		
		1	Raycap	RVZDC-6627-PF-48		
		3	Samsung Telecom.	MT6407-77A		
		3	Samsung Telecom.	RFV01U-D1A		
		3	Samsung Telecom.	RFV01U-D2A		
	168.0	1	JMA Wireless	91900314 Dual Bracket Kit		
		1	--	Platform Mount [LP 303-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
178.0	178.0	3	Ems Wireless	RR90-17-02DP	13	1-5/8
		3	Ericsson	KRY 112 144/1		
		3	Ericsson	KRY 112 489/2		
		3	Ericsson	RADIO 4449 B12/B71		
		3	Rfs Celwave	APXVAARR24_43-U-NA20		
		1	--	Platform Mount [LP 405-1_HR-1]		
160.0	160.0	3	Cci Antennas	TPA-65R-LCUUUU-H8	12 4 2	1-5/8 7/16 3/8
		1	Commscope	SBNH-1D6565C		
		3	Ericsson	RRUS 11 B12		
		1	Ericsson	RRUS 32		
		2	Ericsson	RRUS 32 B2		
		3	Ericsson	RRUS 32 B30		
		3	Kaelus	DBC0061F1V51-2		
		2	KMW	AM-X-CD-17-65-00T-RET		
		6	Powerwave Tech.	7020.00		
		6	Powerwave Tech.	LGP21401		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		3	Powerwave Tech.	RA21.7770.00		
		1	Raycap	DC6-48-60-18-8C-EV		
		1	Raycap	DC6-48-60-18-8F		
		1	--	Platform Mount [LP 303-1_HR-1]		
148.0	148.0	3	Fujitsu	TA08025-B604	1	1-1/2
		3	Fujitsu	TA08025-B605		
		3	Jma Wireless	MX08FRO665-20		
		1	Raycap	RDIDC-9181-PF-48		
		1	--	Commscope MC-PK8-DSH		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturer Drawing	3585272	CCI Sites
Foundation Drawing	3845247	CCI Sites
Geotech Report	3585271	CCI Sites
Crown CAD Package	Date: 07/30/2021	CCI Sites

3.1) Analysis Method

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

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	178 - 164.25	Pole	TP26x12.75x0.25	1	-7.398	1118.082	9.6	Pass
L2	164.25 - 129.667	Pole	TP34.063x22.689x0.313	2	-19.199	1985.424	36.6	Pass
L3	129.667 - 96	Pole	TP41.75x32.275x0.375	3	-27.540	2938.761	44.7	Pass
L4	96 - 63.1667	Pole	TP49.063x39.821x0.375	4	-37.385	3460.495	54.8	Pass
L5	63.1667 - 31.1667	Pole	TP56.125x46.957x0.375	5	-48.546	3964.233	62.3	Pass
L6	31.1667 - 0	Pole	TP62.938x53.847x0.375	6	-63.528	4574.010	69.5	Pass
							Summary	
						Pole (L6)	69.5	Pass
						Rating =	69.5	Pass

Table 5 - Tower Component Stresses vs. Capacity

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	Base	67.2	Pass
1,2	Base Plate	Base	90.9	Pass
1,2	Base Foundation (Structure)	Base	38.0	Pass
1,2	Base Foundation (Soil Interaction)	Base	62.0	Pass

Structure Rating (max from all components) =	90.9%

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.

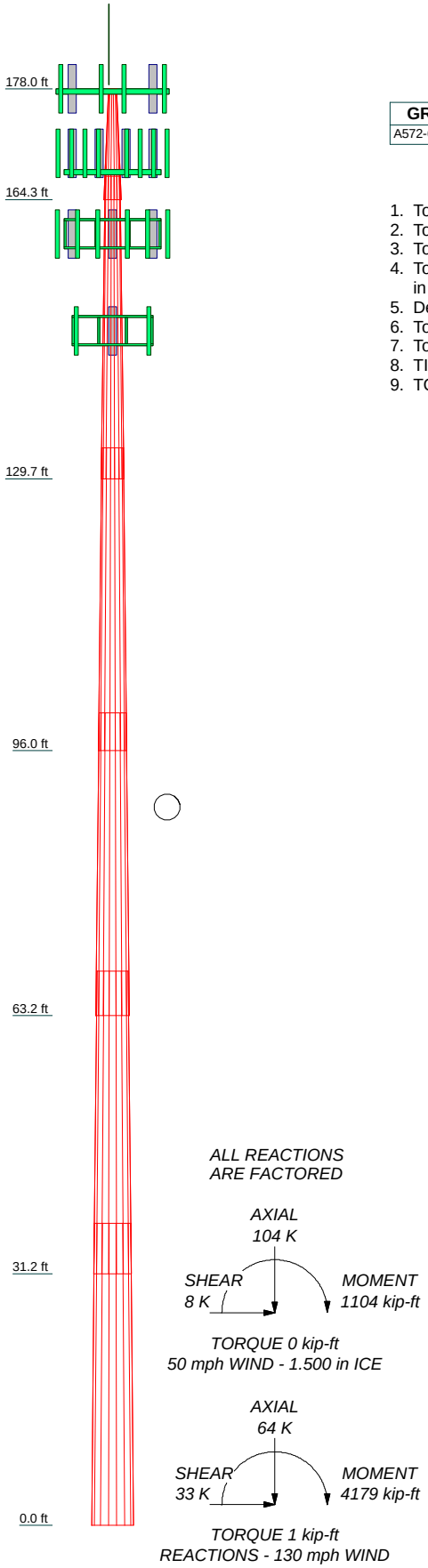
4.1) Recommendations

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	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	13.750	18	0.250	2.917	12.750	26.000		0.7
2	37.500	18	0.313	3.833	22.689	34.063		3.6
3	37.500	18	0.375	4.667	32.275	41.750		5.6
4	37.500	18	0.375	5.500	39.821	49.063		6.7
5	37.500	18	0.375	6.250	46.957	56.125		7.8
6	37.417	18	0.375		53.847	62.938		8.8
							A572-65	33.1



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Middlesex County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 130 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. TIA-222-H Annex-S
9. TOWER RATING: 69.5%

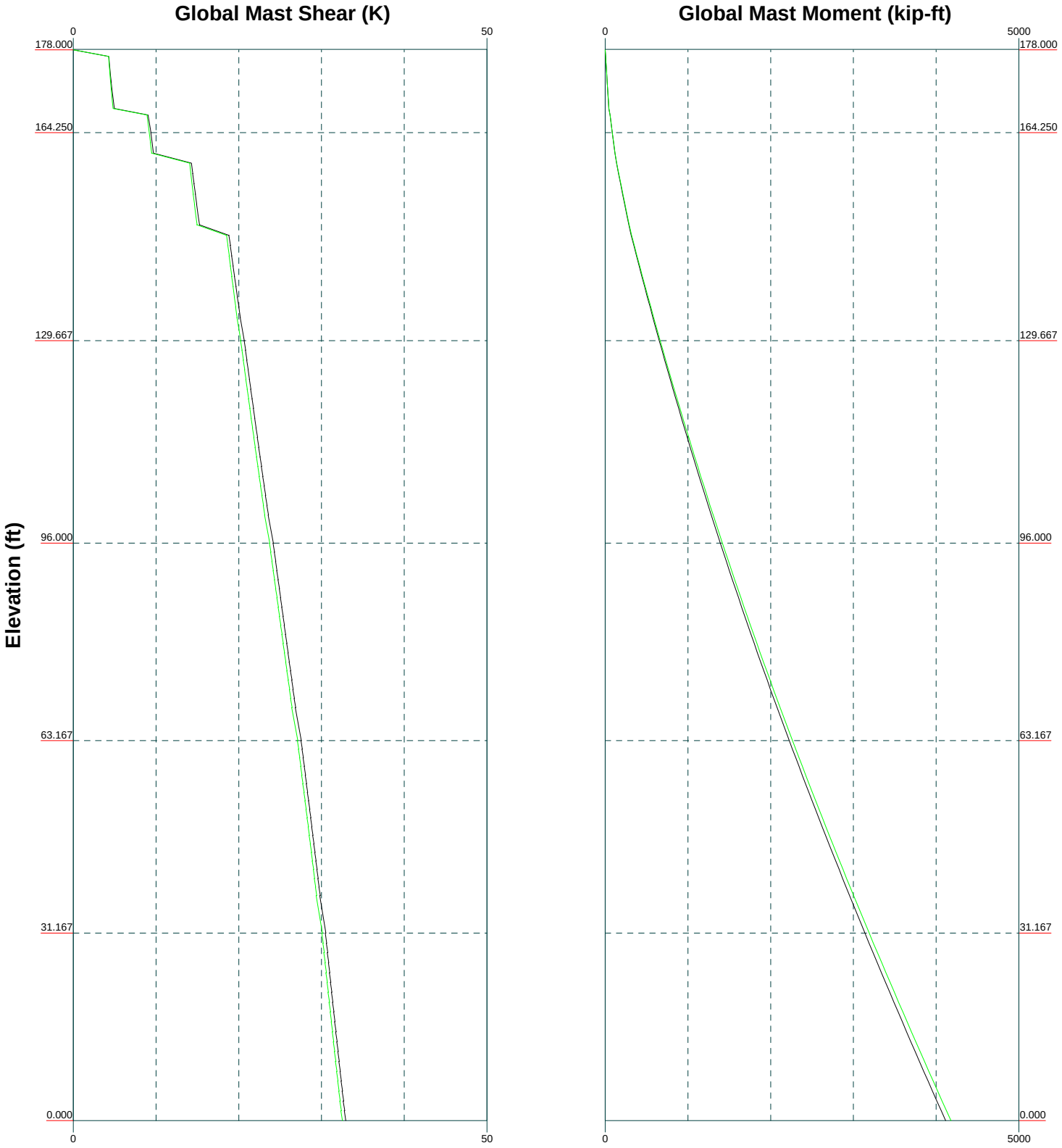
B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
Phone: (918) 587-4630
FAX: (918) 295-0265

Job: 135998.003.01 - Deep River Rt9, CT (BU# 823666			
Project:			
Client: Crown Castle	Drawn by: Rakshak	App'd:	
Code: TIA-222-H	Date: 08/25/21	Scale: NTS	
Path:		Dwg No. E-1	

TIA-222-H - 130 mph/50 mph 1.500 in Ice Exposure B

Maximum Values

Vx Vz Mx Mz



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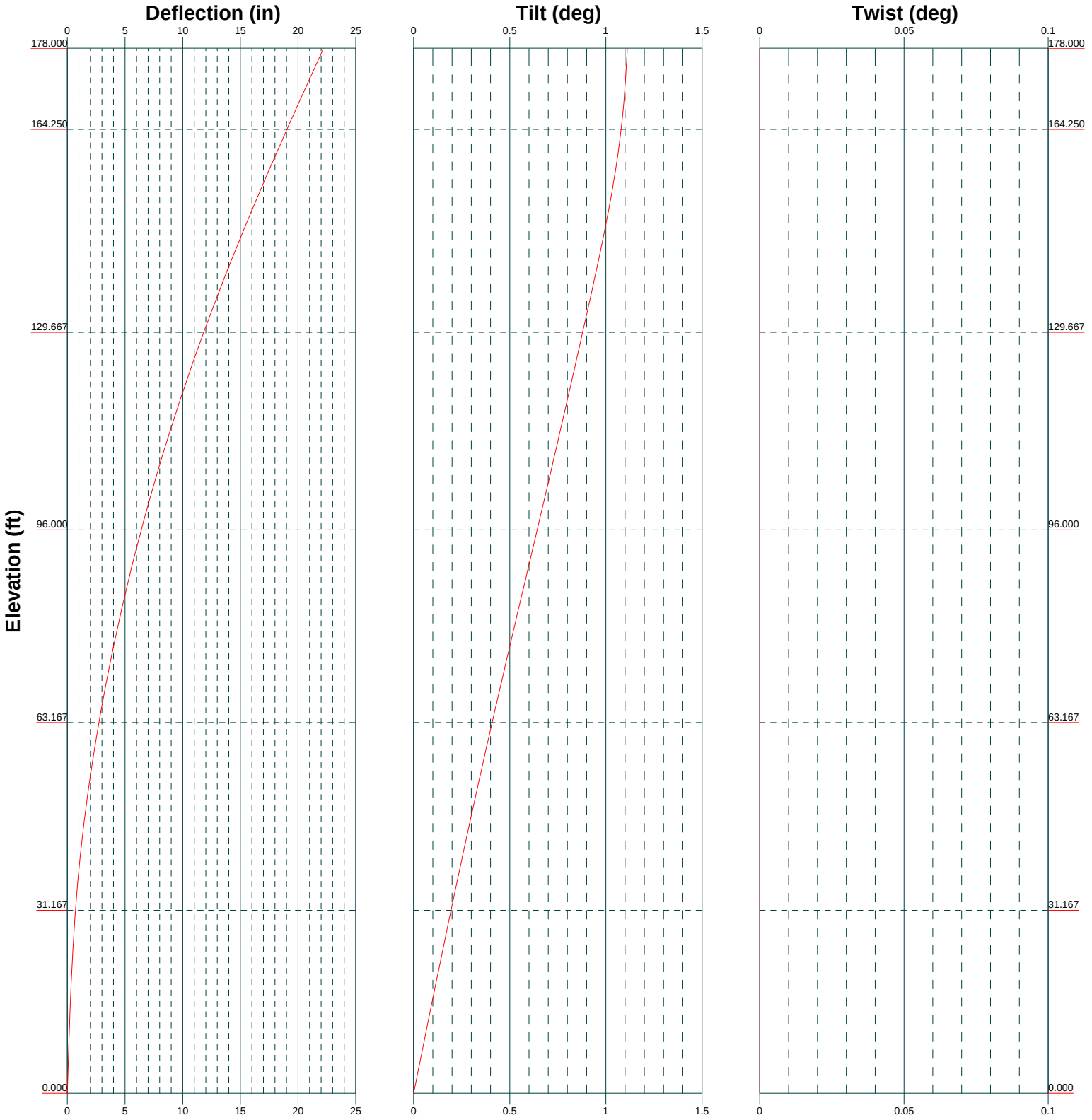
Project:			
Client: Crown Castle	Drawn by: Rakshak	App'd:	
Code: TIA-222-H	Date: 08/25/21	Scale: NTS	
Path:		Dwg No. E-4	

TIA-222-H - Service - 60 mph

Maximum Values



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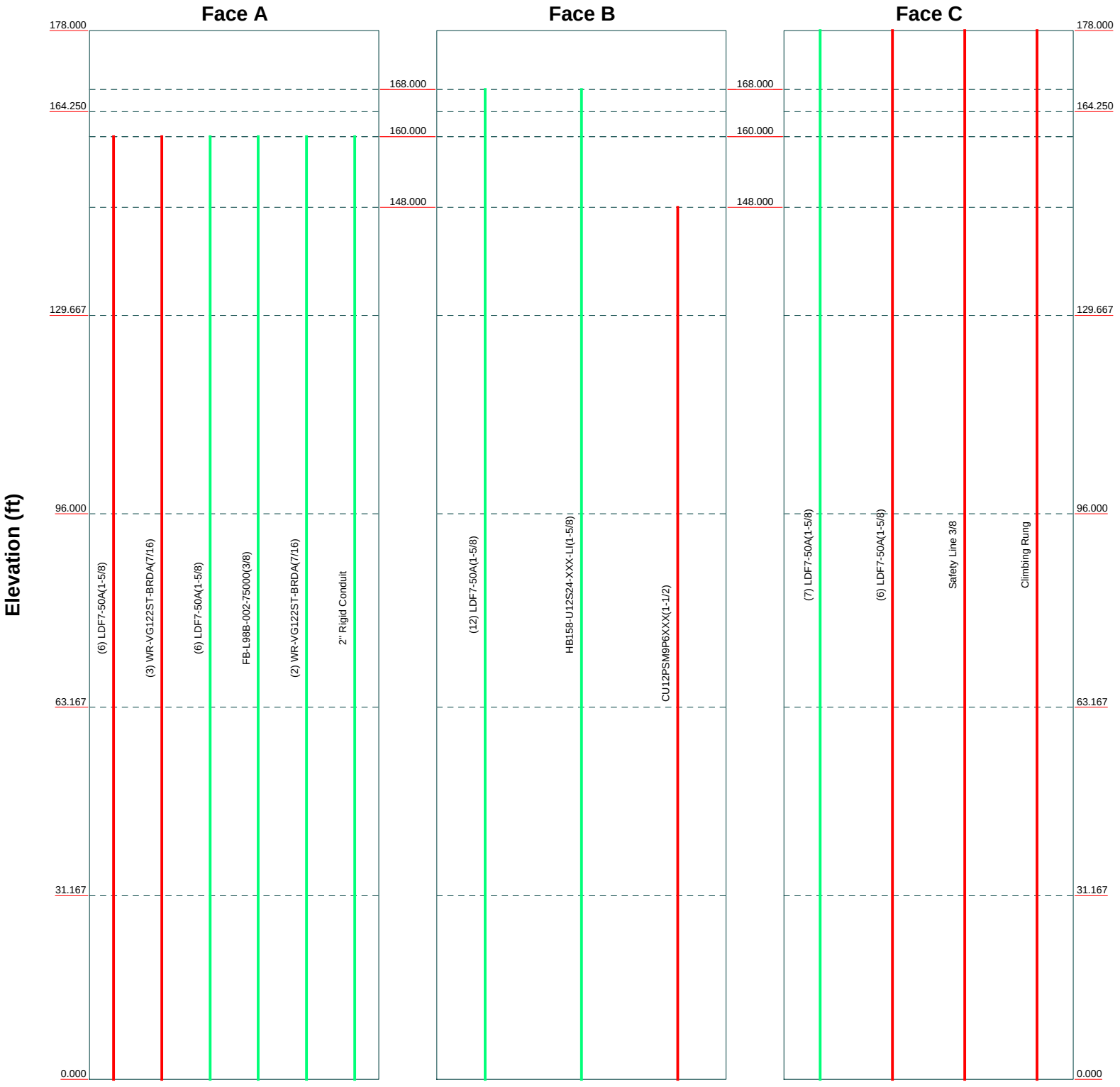
FAX: (918) 295-0265

Job:	***135998.003.01 - Deep River Rt9, CT (BU# 823666***		
Project:			
Client: Crown Castle	Drawn by: Rakshak	App'd:	
Code: TIA-222-H	Date: 08/25/21	Scale: NTS	
Path:		Dwg No. E-5	

Feed Line Distribution Chart
0' - 178'

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



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Tulsa, OK 74119
Phone: (918) 587-4630
FAX: (918) 295-0265

Job: ***135998.003.01 - Deep River Rt9, CT (BU# 823666***		
Project:		
Client: Crown Castle	Drawn by: Rakshak	App'd:
Code: TIA-222-H	Date: 08/25/21	Scale: NTS
Path:		Dwg No. E-7

Tower Input Data

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

Tower is located in Middlesex County, Connecticut.
Tower base elevation above sea level: 95.000 ft.
Basic wind speed of 130 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.000 ft.
Nominal ice thickness of 1.500 in.
Ice thickness is considered to increase with height.
Ice density of 56.000 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50.000 °F.
Deflections calculated using a wind speed of 60 mph.
TIA-222-H Annex-S.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	178.000-164.250	13.750	2.917	18	12.750	26.000	0.250	1.000	A572-65 (65 ksi)
L2	164.250-129.667	37.500	3.833	18	22.689	34.063	0.313	1.250	A572-65 (65 ksi)
L3	129.667-96.000	37.500	4.667	18	32.275	41.750	0.375	1.500	A572-65 (65 ksi)
L4	96.000-63.167	37.500	5.500	18	39.821	49.063	0.375	1.500	A572-65 (65 ksi)
L5	63.167-31.167	37.500	6.250	18	46.957	56.125	0.375	1.500	A572-65 (65 ksi)
L6	31.167-0.000	37.417		18	53.847	62.938	0.375	1.500	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	12.908	9.919	195.801	4.438	6.477	30.230	391.859	4.960	1.804	7.216
	26.363	20.433	1711.654	9.141	13.208	129.592	3425.561	10.218	4.136	16.544
L2	23.889	22.195	1404.080	7.944	11.526	121.816	2810.008	11.100	3.443	11.019
	34.540	33.476	4817.433	11.981	17.304	278.404	9641.206	16.741	5.445	17.424
L3	33.698	37.969	4881.402	11.324	16.396	297.725	9769.226	18.988	5.020	13.388
	42.336	49.247	10650.982	14.688	21.209	502.192	21315.979	24.628	6.688	17.835
L4	41.545	46.950	9229.545	14.003	20.229	456.253	18471.234	23.480	6.348	16.929
	49.762	57.950	17355.138	17.284	24.924	696.329	34733.112	28.981	7.975	21.267
L5	48.989	55.444	15199.585	16.537	23.854	637.187	30419.171	27.727	7.604	20.279
	56.933	66.356	26056.151	19.791	28.511	913.882	52146.587	33.185	9.218	24.581
L6	56.162	63.645	22990.857	18.983	27.354	840.485	46011.967	31.829	8.817	23.512
	63.851	74.465	36822.895	22.210	31.972	1151.714	73694.242	37.240	10.417	27.779

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 178.000-164.250				1	1	1			
L2 164.250-129.667				1	1	1			
L3 129.667-96.000				1	1	1			
L4 96.000-63.167				1	1	1			
L5 63.167-31.167				1	1	1			
L6 31.167-0.000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
LDF7-50A(1-5/8)	C	No	Surface Ar (CaAa)	178.000 - 0.000	6	4	-0.150 -0.050	1.980		0.001
*										
LDF7-50A(1-5/8)	A	No	Surface Ar (CaAa)	160.000 - 0.000	6	6	-0.400 -0.200	1.980		0.001
WR-VG122ST-BRDA(7/16)	A	No	Surface Ar (CaAa)	160.000 - 0.000	3	2	-0.190 -0.160	0.460		0.000
*										
CU12PSM9P6XXX(1-1/2)	B	No	Surface Ar (CaAa)	148.000 - 0.000	1	1	-0.080 -0.050	1.600		0.002
*										
Safety Line 3/8	C	No	Surface Ar (CaAa)	178.000 - 0.000	1	1	-0.450 -0.440	0.375		0.000
Climbing Rung	C	No	Surface Ar (CaAa)	178.000 - 0.000	1	1	-0.460 -0.400	1.000		0.008
*										

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
LDF7-50A(1-5/8)	C	No	No	Inside Pole	178.000 - 0.000	7	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
*									
LDF7-50A(1-5/8)	B	No	No	Inside Pole	168.000 - 0.000	12	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
HB158-U12S24-XXX-LI(1-5/8)	B	No	No	Inside Pole	168.000 - 0.000	1	No Ice	0.000	0.003
							1/2" Ice	0.000	0.003
							1" Ice	0.000	0.003
							2" Ice	0.000	0.003
LDF7-50A(1-5/8)	A	No	No	Inside Pole	160.000 - 0.000	6	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
FB-L98B-002-75000(3/8)	A	No	No	Inside Pole	160.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
WR-VG122ST-BRDA(7/16)	A	No	No	Inside Pole	160.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
2" Rigid Conduit	A	No	No	Inside Pole	160.000 - 0.000	1	No Ice	0.000	0.003
							1/2" Ice	0.000	0.003
							1" Ice	0.000	0.003
							2" Ice	0.000	0.003

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
L1	178.000-164.250	A	0.000	0.000	0.000	0.000	0.000
		B	0.000	0.000	0.000	0.000	0.049
		C	0.000	0.000	12.781	0.000	0.265
L2	164.250-129.667	A	0.000	0.000	38.827	0.000	0.407
		B	0.000	0.000	2.933	0.000	0.494
		C	0.000	0.000	32.145	0.000	0.667
L3	129.667-96.000	A	0.000	0.000	43.093	0.000	0.451
		B	0.000	0.000	5.387	0.000	0.518
		C	0.000	0.000	31.293	0.000	0.649
L4	96.000-63.167	A	0.000	0.000	42.027	0.000	0.440
		B	0.000	0.000	5.253	0.000	0.505
		C	0.000	0.000	30.519	0.000	0.633
L5	63.167-31.167	A	0.000	0.000	40.960	0.000	0.429
		B	0.000	0.000	5.120	0.000	0.492
		C	0.000	0.000	29.744	0.000	0.617
L6	31.167-0.000	A	0.000	0.000	39.893	0.000	0.418
		B	0.000	0.000	4.987	0.000	0.480
		C	0.000	0.000	28.969	0.000	0.601

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	178.000-164.250	A	1.502	0.000	0.000	0.000	0.000	0.000
		B		0.000	0.000	0.000	0.000	0.049
		C		0.000	0.000	28.931	0.000	0.606
L2	164.250-129.667	A	1.479	0.000	0.000	71.320	0.000	1.139
		B		0.000	0.000	8.442	0.000	0.598
		C		0.000	0.000	72.766	0.000	1.525
L3	129.667-96.000	A	1.441	0.000	0.000	78.771	0.000	1.250
		B		0.000	0.000	15.349	0.000	0.706
		C		0.000	0.000	70.335	0.000	1.468
L4	96.000-63.167	A	1.392	0.000	0.000	76.193	0.000	1.196
		B		0.000	0.000	14.717	0.000	0.681
		C		0.000	0.000	67.777	0.000	1.406
L5	63.167-31.167	A	1.321	0.000	0.000	73.470	0.000	1.137
		B		0.000	0.000	14.028	0.000	0.655
		C		0.000	0.000	65.031	0.000	1.338
L6	31.167-0.000	A	1.180	0.000	0.000	70.458	0.000	1.068
		B		0.000	0.000	13.223	0.000	0.627
		C		0.000	0.000	61.909	0.000	1.260

Feed Line Center of Pressure

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L1	178.000-164.250	1.420	4.657	1.841	4.029
L2	164.250-129.667	-3.090	3.734	-1.690	3.023
L3	129.667-96.000	-3.653	3.830	-2.037	3.100
L4	96.000-63.167	-3.961	4.121	-2.285	3.424
L5	63.167-31.167	-4.207	4.354	-2.504	3.690
L6	31.167-0.000	-4.411	4.546	-2.711	3.913

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	2	LDF7-50A(1-5/8)	164.25 - 178.00	1.0000	1.0000
L1	19	Safety Line 3/8	164.25 - 178.00	1.0000	1.0000
L1	20	Climbing Rung	164.25 - 178.00	1.0000	1.0000
L2	2	LDF7-50A(1-5/8)	129.67 - 164.25	1.0000	1.0000
L2	9	LDF7-50A(1-5/8)	129.67 - 160.00	1.0000	1.0000
L2	10	WR-VG122ST-BRDA(7/16)	129.67 - 160.00	1.0000	1.0000
L2	17	CU12PSM9P6XXX(1-1/2)	129.67 - 148.00	1.0000	1.0000
L2	19	Safety Line 3/8	129.67 - 164.25	1.0000	1.0000
L2	20	Climbing Rung	129.67 - 164.25	1.0000	1.0000
L3	2	LDF7-50A(1-5/8)	96.00 - 129.67	1.0000	1.0000
L3	9	LDF7-50A(1-5/8)	96.00 - 129.67	1.0000	1.0000
L3	10	WR-VG122ST-BRDA(7/16)	96.00 - 129.67	1.0000	1.0000
L3	17	CU12PSM9P6XXX(1-1/2)	96.00 - 129.67	1.0000	1.0000
L3	19	Safety Line 3/8	96.00 - 129.67	1.0000	1.0000
L3	20	Climbing Rung	96.00 - 129.67	1.0000	1.0000
L4	2	LDF7-50A(1-5/8)	63.17 - 96.00	1.0000	1.0000
L4	9	LDF7-50A(1-5/8)	63.17 - 96.00	1.0000	1.0000
L4	10	WR-VG122ST-BRDA(7/16)	63.17 - 96.00	1.0000	1.0000
L4	17	CU12PSM9P6XXX(1-1/2)	63.17 - 96.00	1.0000	1.0000
L4	19	Safety Line 3/8	63.17 - 96.00	1.0000	1.0000
L4	20	Climbing Rung	63.17 - 96.00	1.0000	1.0000
L5	2	LDF7-50A(1-5/8)	31.17 - 63.17	1.0000	1.0000
L5	9	LDF7-50A(1-5/8)	31.17 - 63.17	1.0000	1.0000
L5	10	WR-VG122ST-BRDA(7/16)	31.17 - 63.17	1.0000	1.0000
L5	17	CU12PSM9P6XXX(1-1/2)	31.17 - 63.17	1.0000	1.0000
L5	19	Safety Line 3/8	31.17 - 63.17	1.0000	1.0000
L5	20	Climbing Rung	31.17 - 63.17	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L6	2	LDF7-50A(1-5/8)	0.00 - 31.17	1.0000	1.0000
L6	9	LDF7-50A(1-5/8)	0.00 - 31.17	1.0000	1.0000
L6	10	WR-VG122ST-BRDA(7/16)	0.00 - 31.17	1.0000	1.0000
L6	17	CU12PSM9P6XXX(1-1/2)	0.00 - 31.17	1.0000	1.0000
L6	19	Safety Line 3/8	0.00 - 31.17	1.0000	1.0000
L6	20	Climbing Rung	0.00 - 31.17	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
Lightning Rod 5/8" x 5' on 6' pole	C	From Leg	0.000 0.000 5.500	0.000	178.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.038 2.914 3.781 5.186	2.038 2.914 3.781 5.186	0.055 0.077 0.105 0.176
*									
RR90-17-02DP w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	178.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.470 5.080 5.700 7.010	2.920 3.500 4.100 5.350	0.034 0.067 0.108 0.216
RR90-17-02DP w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	178.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.470 5.080 5.700 7.010	2.920 3.500 4.100 5.350	0.034 0.067 0.108 0.216
RR90-17-02DP w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	178.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.470 5.080 5.700 7.010	2.920 3.500 4.100 5.350	0.034 0.067 0.108 0.216
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	178.000	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	B	From Leg	4.000 0.000 0.000	0.000	178.000	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 0.000 0.000	0.000	178.000	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
KRY 112 489/2	A	From Leg	4.000 0.000 0.000	0.000	178.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.559 0.658 0.764 0.998	0.365 0.448 0.542 0.752	0.015 0.020 0.027 0.046
KRY 112 489/2	B	From Leg	4.000 0.000 0.000	0.000	178.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.559 0.658 0.764 0.998	0.365 0.448 0.542 0.752	0.015 0.020 0.027 0.046
KRY 112 489/2	C	From Leg	4.000 0.000	0.000	178.000	No Ice 1/2" Ice	0.559 0.658	0.365 0.448	0.015 0.020

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000			1" Ice	0.764	0.542	0.027
						2" Ice	0.998	0.752	0.046
KRY 112 144/1	A	From Leg	4.000	0.000	178.000	No Ice	0.350	0.175	0.011
			0.000			1/2" Ice	0.426	0.234	0.014
			0.000			1" Ice	0.509	0.301	0.019
						2" Ice	0.698	0.456	0.032
KRY 112 144/1	B	From Leg	4.000	0.000	178.000	No Ice	0.350	0.175	0.011
			0.000			1/2" Ice	0.426	0.234	0.014
			0.000			1" Ice	0.509	0.301	0.019
						2" Ice	0.698	0.456	0.032
KRY 112 144/1	C	From Leg	4.000	0.000	178.000	No Ice	0.350	0.175	0.011
			0.000			1/2" Ice	0.426	0.234	0.014
			0.000			1" Ice	0.509	0.301	0.019
						2" Ice	0.698	0.456	0.032
RADIO 4449 B12/B71	A	From Leg	4.000	0.000	178.000	No Ice	1.650	1.163	0.074
			0.000			1/2" Ice	1.810	1.301	0.090
			0.000			1" Ice	1.978	1.447	0.109
						2" Ice	2.336	1.762	0.155
RADIO 4449 B12/B71	B	From Leg	4.000	0.000	178.000	No Ice	1.650	1.163	0.074
			0.000			1/2" Ice	1.810	1.301	0.090
			0.000			1" Ice	1.978	1.447	0.109
						2" Ice	2.336	1.762	0.155
RADIO 4449 B12/B71	C	From Leg	4.000	0.000	178.000	No Ice	1.650	1.163	0.074
			0.000			1/2" Ice	1.810	1.301	0.090
			0.000			1" Ice	1.978	1.447	0.109
						2" Ice	2.336	1.762	0.155
6' x 2" Mount Pipe	A	From Leg	4.000	0.000	178.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	B	From Leg	4.000	0.000	178.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	C	From Leg	4.000	0.000	178.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
3' x 2" Pipe Mount	A	From Leg	4.000	0.000	178.000	No Ice	0.583	0.583	0.011
			0.000			1/2" Ice	0.770	0.770	0.017
			0.000			1" Ice	0.967	0.967	0.024
						2" Ice	1.388	1.388	0.047
3' x 2" Pipe Mount	B	From Leg	4.000	0.000	178.000	No Ice	0.583	0.583	0.011
			0.000			1/2" Ice	0.770	0.770	0.017
			0.000			1" Ice	0.967	0.967	0.024
						2" Ice	1.388	1.388	0.047
3' x 2" Pipe Mount	C	From Leg	4.000	0.000	178.000	No Ice	0.583	0.583	0.011
			0.000			1/2" Ice	0.770	0.770	0.017
			0.000			1" Ice	0.967	0.967	0.024
						2" Ice	1.388	1.388	0.047
Platform Mount [LP 405-1_HR-1]	C	None		0.000	178.000	No Ice	25.330	25.330	2.056
						1/2" Ice	33.790	33.790	2.634
						1" Ice	42.160	42.160	3.360
						2" Ice	58.770	58.770	5.254
*									
LNX-6514DS-A1M w/ Mount Pipe	A	From Leg	4.000	0.000	168.000	No Ice	4.090	3.300	0.065
			0.000			1/2" Ice	4.490	3.680	0.128

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
			2.000			1" Ice	4.890	4.060	0.202
						2" Ice	5.710	4.870	0.383
LNX-6514DS-A1M w/ Mount Pipe	B	From Leg	4.000	0.000	168.000	No Ice	4.090	3.300	0.065
			0.000			1/2" Ice	4.490	3.680	0.128
			2.000			1" Ice	4.890	4.060	0.202
						2" Ice	5.710	4.870	0.383
LNX-6514DS-A1M w/ Mount Pipe	C	From Leg	4.000	0.000	168.000	No Ice	4.090	3.300	0.065
			0.000			1/2" Ice	4.490	3.680	0.128
			2.000			1" Ice	4.890	4.060	0.202
						2" Ice	5.710	4.870	0.383
(2) MX06FRO660-03 w/ Mount Pipe	A	From Leg	4.000	0.000	168.000	No Ice	6.540	5.550	0.103
			0.000			1/2" Ice	7.060	6.050	0.185
			2.000			1" Ice	7.600	6.570	0.277
						2" Ice	8.700	7.650	0.496
(2) MX06FRO660-03 w/ Mount Pipe	B	From Leg	4.000	0.000	168.000	No Ice	6.540	5.550	0.103
			0.000			1/2" Ice	7.060	6.050	0.185
			2.000			1" Ice	7.600	6.570	0.277
						2" Ice	8.700	7.650	0.496
(2) MX06FRO660-03 w/ Mount Pipe	C	From Leg	4.000	0.000	168.000	No Ice	6.540	5.550	0.103
			0.000			1/2" Ice	7.060	6.050	0.185
			2.000			1" Ice	7.600	6.570	0.277
						2" Ice	8.700	7.650	0.496
MT6407-77A w/ Mount Pipe	A	From Leg	4.000	0.000	168.000	No Ice	4.907	2.682	0.096
			0.000			1/2" Ice	5.256	3.145	0.136
			2.000			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	0.000	168.000	No Ice	4.907	2.682	0.096
			0.000			1/2" Ice	5.256	3.145	0.136
			2.000			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	0.000	168.000	No Ice	4.907	2.682	0.096
			0.000			1/2" Ice	5.256	3.145	0.136
			2.000			1" Ice	5.615	3.624	0.180
						2" Ice	6.362	4.631	0.288
RVZDC-6627-PF-48	A	From Leg	4.000	0.000	168.000	No Ice	3.792	2.514	0.032
			0.000			1/2" Ice	4.044	2.727	0.063
			2.000			1" Ice	4.303	2.947	0.099
						2" Ice	4.844	3.417	0.181
RFV01U-D2A	A	From Leg	4.000	0.000	168.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			2.000			1" Ice	2.223	1.284	0.106
						2" Ice	2.601	1.585	0.153
RFV01U-D2A	B	From Leg	4.000	0.000	168.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			2.000			1" Ice	2.223	1.284	0.106
						2" Ice	2.601	1.585	0.153
RFV01U-D2A	C	From Leg	4.000	0.000	168.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			2.000			1" Ice	2.223	1.284	0.106
						2" Ice	2.601	1.585	0.153
RFV01U-D1A	A	From Leg	4.000	0.000	168.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			2.000			1" Ice	2.223	1.543	0.124
						2" Ice	2.601	1.865	0.175
RFV01U-D1A	B	From Leg	4.000	0.000	168.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			2.000			1" Ice	2.223	1.543	0.124

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						2" Ice	2.601	1.865	0.175
RFV01U-D1A	C	From Leg	4.000 0.000 2.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.875 2.045 2.223 2.601	1.250 1.393 1.543 1.865	0.084 0.103 0.124 0.175
Platform Mount [LP 303-1]	C	None		0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	14.690 18.010 21.340 28.080	14.690 18.010 21.340 28.080	1.250 1.569 1.942 2.852
Side Arm Mount [SO 102-3]	C	None		0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.600 4.180 4.750 5.900	3.600 4.180 4.750 5.900	0.075 0.105 0.135 0.195
*									
RA21.7770.00 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.140 4.570 5.010 5.930	2.460 2.870 3.290 4.150	0.063 0.111 0.169 0.314
RA21.7770.00 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.140 4.570 5.010 5.930	2.460 2.870 3.290 4.150	0.063 0.111 0.169 0.314
RA21.7770.00 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.140 4.570 5.010 5.930	2.460 2.870 3.290 4.150	0.063 0.111 0.169 0.314
AM-X-CD-17-65-00T-RET w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	6.090 6.660 7.240 8.430	4.310 4.860 5.420 6.570	0.092 0.170 0.261 0.484
AM-X-CD-17-65-00T-RET w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	6.090 6.660 7.240 8.430	4.310 4.860 5.420 6.570	0.092 0.170 0.261 0.484
TPA-65R-LCUUUU-H8 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	160.000	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 0.000 0.000	0.000	160.000	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 0.000 0.000	0.000	160.000	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
SBNH-1D6565C w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	5.560 6.070 6.590 7.650	4.470 4.970 5.470 6.520	0.085 0.167 0.262 0.495
(2) LGP21401	A	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.104 1.239 1.381 1.688	0.207 0.274 0.348 0.521	0.014 0.021 0.030 0.055
(2) LGP21401	B	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice	1.104 1.239 1.381	0.207 0.274 0.348	0.014 0.021 0.030

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	1.688	0.521	0.055
(2) LGP21401	C	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.104 1.239 1.381 1.688	0.207 0.274 0.348 0.521	0.014 0.021 0.030 0.055
(2) 7020.00	A	From Leg	4.000 0.000 0.000	0.000	160.000	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 0.000 0.000	0.000	160.000	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 0.000 0.000	0.000	160.000	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 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.791 1.274 1.450 1.831	0.791 1.274 1.450 1.831	0.020 0.035 0.053 0.095
RRUS 11 B12	A	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.833 3.043 3.259 3.715	1.182 1.330 1.485 1.826	0.051 0.072 0.095 0.153
RRUS 11 B12	B	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.833 3.043 3.259 3.715	1.182 1.330 1.485 1.826	0.051 0.072 0.095 0.153
RRUS 11 B12	C	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.833 3.043 3.259 3.715	1.182 1.330 1.485 1.826	0.051 0.072 0.095 0.153
RRUS 32 B2	A	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.731 2.953 3.182 3.663	1.668 1.855 2.049 2.458	0.053 0.074 0.098 0.157
RRUS 32 B2	B	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.731 2.953 3.182 3.663	1.668 1.855 2.049 2.458	0.053 0.074 0.098 0.157
DBC0061F1V51-2	A	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.413 0.496 0.586 0.788	0.433 0.518 0.609 0.815	0.025 0.031 0.038 0.057
DBC0061F1V51-2	B	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.413 0.496 0.586 0.788	0.433 0.518 0.609 0.815	0.025 0.031 0.038 0.057
DBC0061F1V51-2	C	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.413 0.496 0.586 0.788	0.433 0.518 0.609 0.815	0.025 0.031 0.038 0.057
RRUS 32 B30	A	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.692 2.912 3.138 3.614	1.573 1.756 1.945 2.346	0.060 0.080 0.104 0.161

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
RRUS 32 B30	B	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.692 2.912 3.138 3.614	1.573 1.756 1.945 2.346	0.060 0.080 0.104 0.161
RRUS 32 B30	C	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.692 2.912 3.138 3.614	1.573 1.756 1.945 2.346	0.060 0.080 0.104 0.161
DC6-48-60-18-8C-EV	B	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.736 2.962 3.195 3.683	2.736 2.962 3.195 3.683	0.026 0.052 0.082 0.152
RRUS 32	C	From Leg	4.000 0.000 0.000	0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.857 3.083 3.316 3.805	1.777 1.968 2.166 2.583	0.055 0.077 0.103 0.165
Platform Mount [LP 303-1_HR-1]	C	None		0.000	160.000	No Ice 1/2" Ice 1" Ice 2" Ice	17.090 21.470 25.720 33.960	17.090 21.470 25.720 33.960	1.495 1.881 2.346 3.518
*									
*									
MX08FRO665-20 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	8.010 8.520 9.040 10.110	4.230 4.690 5.160 6.120	0.098 0.184 0.281 0.512
MX08FRO665-20 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	8.010 8.520 9.040 10.110	4.230 4.690 5.160 6.120	0.098 0.184 0.281 0.512
MX08FRO665-20 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	8.010 8.520 9.040 10.110	4.230 4.690 5.160 6.120	0.098 0.184 0.281 0.512
TA08025-B604	A	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.964 2.138 2.320 2.705	0.981 1.112 1.250 1.548	0.064 0.081 0.100 0.148
TA08025-B604	B	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.964 2.138 2.320 2.705	0.981 1.112 1.250 1.548	0.064 0.081 0.100 0.148
TA08025-B604	C	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.964 2.138 2.320 2.705	0.981 1.112 1.250 1.548	0.064 0.081 0.100 0.148
TA08025-B605	A	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.964 2.138 2.320 2.705	1.129 1.267 1.411 1.723	0.075 0.093 0.114 0.164
TA08025-B605	B	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.964 2.138 2.320 2.705	1.129 1.267 1.411 1.723	0.075 0.093 0.114 0.164
TA08025-B605	C	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	1.129 1.267 1.411	0.075 0.093 0.114

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						2" Ice	2.705	1.723	0.164
RDIDC-9181-PF-48	A	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.012 2.189 2.373 2.763	1.168 1.311 1.461 1.784	0.022 0.040 0.060 0.110
(2) 8' x 2" Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.900 2.728 3.401 4.396	1.900 2.728 3.401 4.396	0.029 0.044 0.063 0.119
(2) 8' x 2" Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.900 2.728 3.401 4.396	1.900 2.728 3.401 4.396	0.029 0.044 0.063 0.119
(2) 8' x 2" Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.900 2.728 3.401 4.396	1.900 2.728 3.401 4.396	0.029 0.044 0.063 0.119
Commscope MC-PK8-DSH	C	None		0.000	148.000	No Ice 1/2" Ice 1" Ice 2" Ice	34.240 62.950 91.660 149.080	34.240 62.950 91.660 149.080	1.749 2.099 2.450 3.151
*									

Load Combinations

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

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

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	178 - 164.25	Pole	Max Tension	26	0.000	-0.000	0.000
			Max. Compression	26	-18.000	0.081	0.262
			Max. Mx	20	-7.398	59.299	-0.032
			Max. My	2	-7.425	0.022	58.531
			Max. Vy	20	-9.045	59.299	-0.032
			Max. Vx	14	8.916	0.026	-58.509
			Max. Torque	9			0.457
L2	164.25 - 129.667	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-41.732	0.432	-0.482
			Max. Mx	20	-19.199	585.936	-0.736
			Max. My	14	-19.255	0.456	-576.210
			Max. Vy	20	-20.194	585.936	-0.736
			Max. Vx	14	19.801	0.456	-576.210
			Max. Torque	11			0.677
L3	129.667 - 96	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-54.110	1.564	-1.826
			Max. Mx	20	-27.540	1305.286	-1.809
			Max. My	14	-27.587	1.045	-1281.942
			Max. Vy	20	-23.585	1305.286	-1.809
			Max. Vx	14	23.152	1.045	-1281.942
			Max. Torque	11			0.676
L4	96 - 63.1667	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-68.173	2.763	-3.234
			Max. Mx	20	-37.385	2113.958	-2.971
			Max. My	14	-37.418	1.651	-2077.267
			Max. Vy	20	-26.880	2113.958	-2.971

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vx	14	26.449	1.651	-2077.267
			Max. Torque	11			0.675
L5	63.1667 - 31.1667	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-83.648	3.997	-4.691
			Max. Mx	20	-48.546	3002.485	-4.201
			Max. My	14	-48.565	2.265	-2953.006
			Max. Vy	20	-29.845	3002.485	-4.201
			Max. Vx	14	29.422	2.265	-2953.006
			Max. Torque	11			0.674
L6	31.1667 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-103.629	5.603	-6.609
			Max. Mx	20	-63.528	4178.658	-5.767
			Max. My	14	-63.528	3.017	-4114.399
			Max. Vy	20	-32.940	4178.658	-5.767
			Max. Vx	14	32.532	3.017	-4114.399
			Max. Torque	11			0.673

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	34	103.629	4.136	-7.176
	Max. H_x	21	47.657	32.910	-0.012
	Max. H_z	3	47.657	-0.012	32.503
	Max. M_x	2	4106.921	-0.012	32.503
	Max. M_z	8	4176.664	-32.910	0.012
	Max. Torsion	11	0.673	-28.060	-16.241
	Min. Vert	23	47.657	28.060	16.241
	Min. H_x	9	47.657	-32.910	0.012
	Min. H_z	15	47.657	0.012	-32.503
	Min. M_x	14	-4114.399	0.012	-32.503
	Min. M_z	20	-4178.658	32.910	-0.012
	Min. Torsion	23	-0.672	28.060	16.241

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	52.952	0.000	0.000	2.967	0.791	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	63.543	0.012	-32.503	-4106.921	-1.007	0.412
0.9 Dead+1.0 Wind 0 deg - No Ice	47.657	0.012	-32.503	-4049.962	-1.237	0.414
1.2 Dead+1.0 Wind 30 deg - No Ice	63.543	16.214	-28.154	-3557.212	-2047.926	0.090
0.9 Dead+1.0 Wind 30 deg - No Ice	47.657	16.214	-28.154	-3508.012	-2019.327	0.090
1.2 Dead+1.0 Wind 60 deg - No Ice	63.543	28.351	-16.423	-2080.561	-3593.000	-0.256
0.9 Dead+1.0 Wind 60 deg - No	47.657	28.351	-16.423	-2052.133	-3542.582	-0.258

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
Ice						
1.2 Dead+1.0 Wind 90 deg - No Ice	63.543	32.910	-0.012	1.744	-4176.664	-0.534
0.9 Dead+1.0 Wind 90 deg - No Ice	47.657	32.910	-0.012	0.798	-4117.985	-0.537
1.2 Dead+1.0 Wind 120 deg - No Ice	63.543	28.060	16.241	2057.366	-3543.838	-0.669
0.9 Dead+1.0 Wind 120 deg - No Ice	47.657	28.060	16.241	2027.457	-3494.176	-0.673
1.2 Dead+1.0 Wind 150 deg - No Ice	63.543	16.194	28.142	3562.695	-2044.433	-0.624
0.9 Dead+1.0 Wind 150 deg - No Ice	47.657	16.194	28.142	3511.579	-2015.891	-0.628
1.2 Dead+1.0 Wind 180 deg - No Ice	63.543	-0.012	32.503	4114.399	3.017	-0.412
0.9 Dead+1.0 Wind 180 deg - No Ice	47.657	-0.012	32.503	4055.496	2.724	-0.414
1.2 Dead+1.0 Wind 210 deg - No Ice	63.543	-16.214	28.154	3564.691	2049.919	-0.089
0.9 Dead+1.0 Wind 210 deg - No Ice	47.657	-16.214	28.154	3513.546	2020.802	-0.089
1.2 Dead+1.0 Wind 240 deg - No Ice	63.543	-28.351	16.423	2088.056	3594.984	0.257
0.9 Dead+1.0 Wind 240 deg - No Ice	47.657	-28.351	16.423	2057.679	3544.050	0.259
1.2 Dead+1.0 Wind 270 deg - No Ice	63.543	-32.910	0.012	5.767	4178.658	0.534
0.9 Dead+1.0 Wind 270 deg - No Ice	47.657	-32.910	0.012	4.759	4119.461	0.537
1.2 Dead+1.0 Wind 300 deg - No Ice	63.543	-28.060	-16.241	-2049.856	3545.851	0.668
0.9 Dead+1.0 Wind 300 deg - No Ice	47.657	-28.060	-16.241	-2021.900	3495.665	0.672
1.2 Dead+1.0 Wind 330 deg - No Ice	63.543	-16.194	-28.142	-3555.202	2046.453	0.624
0.9 Dead+1.0 Wind 330 deg - No Ice	47.657	-16.194	-28.142	-3506.034	2017.386	0.627
1.2 Dead+1.0 Ice+1.0 Temp	103.629	-0.000	0.000	6.609	5.603	0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	103.629	0.002	-8.285	-1088.569	5.498	0.059
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	103.629	4.136	-7.176	-941.972	-540.780	-0.007
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	103.629	7.162	-4.144	-541.133	-940.596	-0.072
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	103.629	8.269	-0.002	6.544	-1086.819	-0.117
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	103.629	7.160	4.141	554.307	-940.267	-0.131
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	103.629	4.133	7.174	955.384	-540.212	-0.110
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	103.629	-0.002	8.285	1102.307	6.153	-0.059
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	103.629	-4.136	7.176	955.710	552.429	0.007
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	103.629	-7.162	4.144	554.873	952.243	0.072
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	103.629	-8.269	0.002	7.198	1098.467	0.117
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	103.629	-7.160	-4.141	-540.565	951.918	0.131
1.2 Dead+1.0 Wind 330	103.629	-4.133	-7.174	-941.644	551.864	0.110

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
deg+1.0 Ice+1.0 Temp						
Dead+Wind 0 deg - Service	52.952	0.002	-6.522	-815.049	0.426	0.084
Dead+Wind 30 deg - Service	52.952	3.254	-5.650	-705.638	-406.972	0.015
Dead+Wind 60 deg - Service	52.952	5.689	-3.296	-411.749	-714.503	-0.058
Dead+Wind 90 deg - Service	52.952	6.604	-0.002	2.699	-830.683	-0.116
Dead+Wind 120 deg - Service	52.952	5.631	3.259	411.826	-704.701	-0.142
Dead+Wind 150 deg - Service	52.952	3.250	5.647	711.435	-406.279	-0.130
Dead+Wind 180 deg - Service	52.952	-0.002	6.522	821.245	1.226	-0.084
Dead+Wind 210 deg - Service	52.952	-3.254	5.650	711.834	408.625	-0.015
Dead+Wind 240 deg - Service	52.952	-5.689	3.296	417.946	716.155	0.058
Dead+Wind 270 deg - Service	52.952	-6.604	0.002	3.499	832.335	0.116
Dead+Wind 300 deg - Service	52.952	-5.631	-3.259	-405.628	706.354	0.142
Dead+Wind 330 deg - Service	52.952	-3.250	-5.647	-705.238	407.932	0.130

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX	PY	PZ	PX	PY	PZ	% Error
	K	K	K	K	K	K	
1	0.000	-52.952	0.000	0.000	52.952	0.000	0.000%
2	0.012	-63.543	-32.503	-0.012	63.543	32.503	0.000%
3	0.012	-47.657	-32.503	-0.012	47.657	32.503	0.000%
4	16.214	-63.543	-28.154	-16.214	63.543	28.154	0.000%
5	16.214	-47.657	-28.154	-16.214	47.657	28.154	0.000%
6	28.351	-63.543	-16.423	-28.351	63.543	16.423	0.000%
7	28.351	-47.657	-16.423	-28.351	47.657	16.423	0.000%
8	32.910	-63.543	-0.012	-32.910	63.543	0.012	0.000%
9	32.910	-47.657	-0.012	-32.910	47.657	0.012	0.000%
10	28.060	-63.543	16.241	-28.060	63.543	-16.241	0.000%
11	28.060	-47.657	16.241	-28.060	47.657	-16.241	0.000%
12	16.194	-63.543	28.142	-16.194	63.543	-28.142	0.000%
13	16.194	-47.657	28.142	-16.194	47.657	-28.142	0.000%
14	-0.012	-63.543	32.503	0.012	63.543	-32.503	0.000%
15	-0.012	-47.657	32.503	0.012	47.657	-32.503	0.000%
16	-16.214	-63.543	28.154	16.214	63.543	-28.154	0.000%
17	-16.214	-47.657	28.154	16.214	47.657	-28.154	0.000%
18	-28.351	-63.543	16.423	28.351	63.543	-16.423	0.000%
19	-28.351	-47.657	16.423	28.351	47.657	-16.423	0.000%
20	-32.910	-63.543	0.012	32.910	63.543	-0.012	0.000%
21	-32.910	-47.657	0.012	32.910	47.657	-0.012	0.000%
22	-28.060	-63.543	-16.241	28.060	63.543	16.241	0.000%
23	-28.060	-47.657	-16.241	28.060	47.657	16.241	0.000%
24	-16.194	-63.543	-28.142	16.194	63.543	28.142	0.000%
25	-16.194	-47.657	-28.142	16.194	47.657	28.142	0.000%
26	0.000	-103.629	0.000	0.000	103.629	-0.000	0.000%
27	0.002	-103.629	-8.285	-0.002	103.629	8.285	0.000%
28	4.136	-103.629	-7.176	-4.136	103.629	7.176	0.000%
29	7.162	-103.629	-4.144	-7.162	103.629	4.144	0.000%
30	8.269	-103.629	-0.002	-8.269	103.629	0.002	0.000%
31	7.160	-103.629	4.141	-7.160	103.629	-4.141	0.000%
32	4.133	-103.629	7.174	-4.133	103.629	-7.174	0.000%
33	-0.002	-103.629	8.285	0.002	103.629	-8.285	0.000%
34	-4.136	-103.629	7.176	4.136	103.629	-7.176	0.000%
35	-7.162	-103.629	4.144	7.162	103.629	-4.144	0.000%
36	-8.269	-103.629	0.002	8.269	103.629	-0.002	0.000%
37	-7.160	-103.629	-4.141	7.160	103.629	4.141	0.000%
38	-4.133	-103.629	-7.174	4.133	103.629	7.174	0.000%
39	0.002	-52.952	-6.522	-0.002	52.952	6.522	0.000%

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
40	3.254	-52.952	-5.650	-3.254	52.952	5.650	0.000%
41	5.689	-52.952	-3.296	-5.689	52.952	3.296	0.000%
42	6.604	-52.952	-0.002	-6.604	52.952	0.002	0.000%
43	5.631	-52.952	3.259	-5.631	52.952	-3.259	0.000%
44	3.250	-52.952	5.647	-3.250	52.952	-5.647	0.000%
45	-0.002	-52.952	6.522	0.002	52.952	-6.522	0.000%
46	-3.254	-52.952	5.650	3.254	52.952	-5.650	0.000%
47	-5.689	-52.952	3.296	5.689	52.952	-3.296	0.000%
48	-6.604	-52.952	0.002	6.604	52.952	-0.002	0.000%
49	-5.631	-52.952	-3.259	5.631	52.952	3.259	0.000%
50	-3.250	-52.952	-5.647	3.250	52.952	5.647	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	5	0.00000001	0.00006620
3	Yes	4	0.00000001	0.00064468
4	Yes	6	0.00000001	0.00022753
5	Yes	6	0.00000001	0.00007823
6	Yes	6	0.00000001	0.00023506
7	Yes	6	0.00000001	0.00008051
8	Yes	5	0.00000001	0.00007043
9	Yes	4	0.00000001	0.00070223
10	Yes	6	0.00000001	0.00022500
11	Yes	6	0.00000001	0.00007724
12	Yes	6	0.00000001	0.00022937
13	Yes	6	0.00000001	0.00007889
14	Yes	5	0.00000001	0.00006141
15	Yes	4	0.00000001	0.00059519
16	Yes	6	0.00000001	0.00022782
17	Yes	6	0.00000001	0.00007822
18	Yes	6	0.00000001	0.00023439
19	Yes	6	0.00000001	0.00008012
20	Yes	5	0.00000001	0.00006496
21	Yes	4	0.00000001	0.00064492
22	Yes	6	0.00000001	0.00022866
23	Yes	6	0.00000001	0.00007873
24	Yes	6	0.00000001	0.00022488
25	Yes	6	0.00000001	0.00007723
26	Yes	4	0.00000001	0.00005909
27	Yes	6	0.00000001	0.00017076
28	Yes	6	0.00000001	0.00020538
29	Yes	6	0.00000001	0.00020532
30	Yes	6	0.00000001	0.00017043
31	Yes	6	0.00000001	0.00020713
32	Yes	6	0.00000001	0.00020777
33	Yes	6	0.00000001	0.00017269
34	Yes	6	0.00000001	0.00020978
35	Yes	6	0.00000001	0.00020941
36	Yes	6	0.00000001	0.00017206
37	Yes	6	0.00000001	0.00020724
38	Yes	6	0.00000001	0.00020702
39	Yes	4	0.00000001	0.00014500
40	Yes	4	0.00000001	0.00053799

41	Yes	4	0.00000001	0.00056250
42	Yes	4	0.00000001	0.00014916
43	Yes	4	0.00000001	0.00052695
44	Yes	4	0.00000001	0.00055748
45	Yes	4	0.00000001	0.00014590
46	Yes	4	0.00000001	0.00054354
47	Yes	4	0.00000001	0.00055961
48	Yes	4	0.00000001	0.00014924
49	Yes	4	0.00000001	0.00055224
50	Yes	4	0.00000001	0.00052320

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	178 - 164.25	22.199	48	1.112	0.001
L2	167.167 - 129.667	19.699	48	1.089	0.001
L3	133.5 - 96	12.549	48	0.906	0.000
L4	100.667 - 63.1667	7.058	48	0.676	0.000
L5	68.6667 - 31.1667	3.249	48	0.446	0.000
L6	37.4167 - 0	0.973	48	0.235	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
178.000	Lightning Rod 5/8" x 5' on 6' pole	48	22.199	1.112	0.001	38542
168.000	LNX-6514DS-A1M w/ Mount Pipe	48	19.890	1.091	0.001	19856
160.000	RA21.7770.00 w/ Mount Pipe	48	18.082	1.062	0.001	14146
148.000	MX08FRO665-20 w/ Mount Pipe	48	15.475	1.000	0.001	10534

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	178 - 164.25	111.601	20	5.597	0.004
L2	167.167 - 129.667	99.037	20	5.480	0.005
L3	133.5 - 96	63.093	20	4.559	0.002
L4	100.667 - 63.1667	35.480	20	3.403	0.001
L5	68.6667 - 31.1667	16.329	20	2.245	0.001
L6	37.4167 - 0	4.889	20	1.180	0.000

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
178.000	Lightning Rod 5/8" x 5' on 6' pole	20	111.601	5.597	0.005	7800
168.000	LNX-6514DS-A1M w/ Mount Pipe	20	99.994	5.492	0.005	4017
160.000	RA21.7770.00 w/ Mount Pipe	20	90.907	5.348	0.005	2857
148.000	MX08FRO665-20 w/ Mount Pipe	20	77.805	5.033	0.004	2123

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	178 - 164.25 (1)	TP26x12.75x0.25	13.750	0.000	0.0	18.202	-7.398	1064.840	0.007
L2	164.25 - 129.667 (2)	TP34.063x22.689x0.313	37.500	0.000	0.0	32.323	-19.199	1890.880	0.010
L3	129.667 - 96 (3)	TP41.75x32.275x0.375	37.500	0.000	0.0	47.843	-27.540	2798.820	0.010
L4	96 - 63.1667 (4)	TP49.063x39.821x0.375	37.500	0.000	0.0	56.337	-37.385	3295.710	0.011
L5	63.1667 - 31.1667 (5)	TP56.125x46.957x0.375	37.500	0.000	0.0	64.538	-48.546	3775.460	0.013
L6	31.1667 - 0 (6)	TP62.938x53.847x0.375	37.417	0.000	0.0	74.465	-63.528	4356.200	0.015

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	178 - 164.25 (1)	TP26x12.75x0.25	59.299	635.996	0.093	0.000	635.996	0.000
L2	164.25 - 129.667 (2)	TP34.063x22.689x0.313	585.937	1569.308	0.373	0.000	1569.308	0.000
L3	129.667 - 96 (3)	TP41.75x32.275x0.375	1305.283	2844.517	0.459	0.000	2844.517	0.000
L4	96 - 63.1667 (4)	TP49.063x39.821x0.375	2113.958	3755.292	0.563	0.000	3755.292	0.000
L5	63.1667 - 31.1667 (5)	TP56.125x46.957x0.375	3002.492	4686.542	0.641	0.000	4686.542	0.000
L6	31.1667 - 0 (6)	TP62.938x53.847x0.375	4178.658	5847.241	0.715	0.000	5847.241	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	178 - 164.25 (1)	TP26x12.75x0.25	9.045	319.452	0.028	0.456	641.752	0.001
L2	164.25 - 129.667 (2)	TP34.063x22.689x0.313	20.195	567.263	0.036	0.537	1618.875	0.000
L3	129.667 - 96 (3)	TP41.75x32.275x0.375	23.586	839.647	0.028	0.536	2955.683	0.000
L4	96 - 63.1667 (4)	TP49.063x39.821x0.375	26.880	988.714	0.027	0.535	4098.325	0.000
L5	63.1667 - 31.1667 (5)	TP56.125x46.957x0.375	29.845	1132.640	0.026	0.534	5378.317	0.000
L6	31.1667 - 0 (6)	TP62.938x53.847x0.375	32.940	1306.860	0.025	0.534	7160.175	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	178 - 164.25 (1)	0.007	0.093	0.000	0.028	0.001	0.101 ✔	1.050	4.8.2 ✔
L2	164.25 - 129.667 (2)	0.010	0.373	0.000	0.036	0.000	0.385 ✔	1.050	4.8.2 ✔
L3	129.667 - 96 (3)	0.010	0.459	0.000	0.028	0.000	0.470 ✔	1.050	4.8.2 ✔
L4	96 - 63.1667 (4)	0.011	0.563	0.000	0.027	0.000	0.575 ✔	1.050	4.8.2 ✔
L5	63.1667 - 31.1667 (5)	0.013	0.641	0.000	0.026	0.000	0.654 ✔	1.050	4.8.2 ✔
L6	31.1667 - 0 (6)	0.015	0.715	0.000	0.025	0.000	0.730 ✔	1.050	4.8.2 ✔

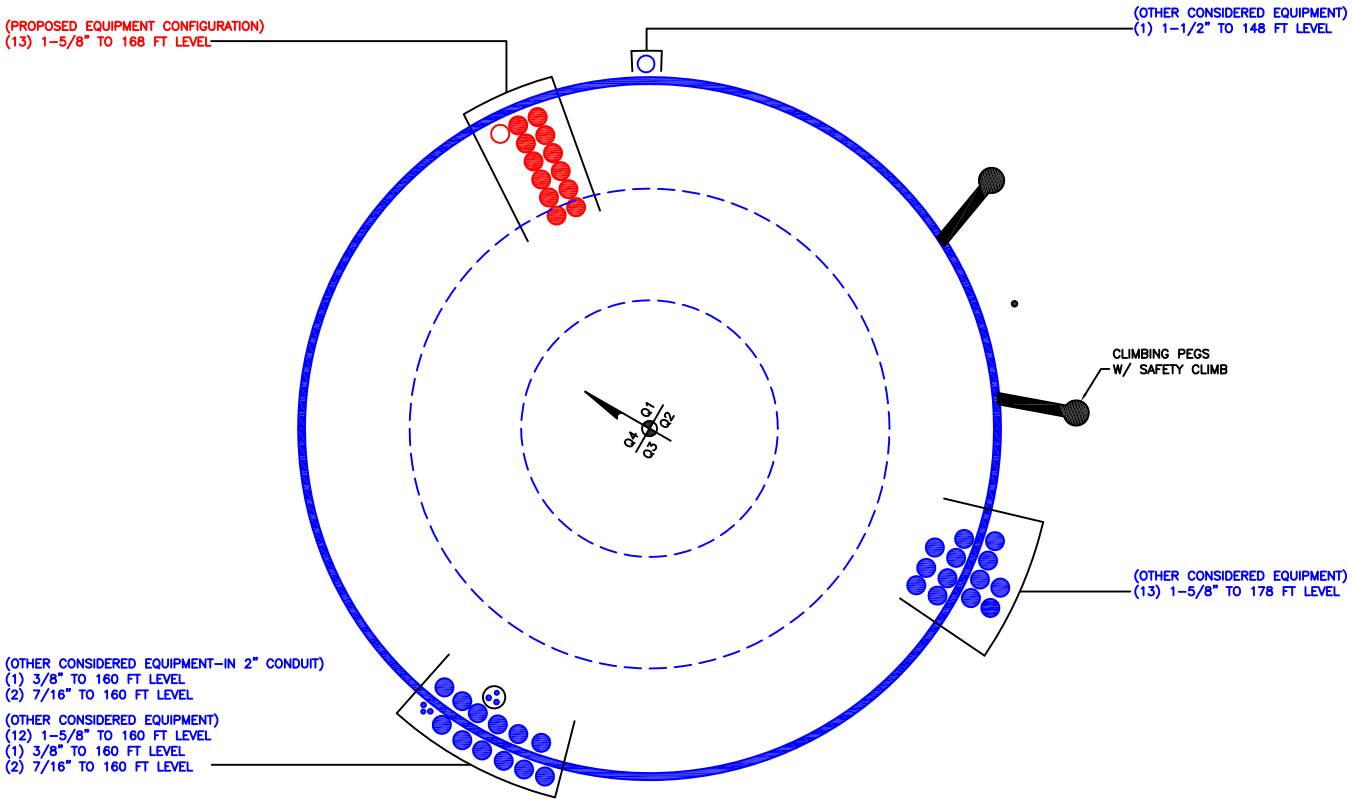
Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	178 - 164.25	Pole	TP26x12.75x0.25	1	-7.398	1118.082	9.6	Pass
L2	164.25 - 129.667	Pole	TP34.063x22.689x0.313	2	-19.199	1985.424	36.6	Pass
L3	129.667 - 96	Pole	TP41.75x32.275x0.375	3	-27.540	2938.761	44.7	Pass
L4	96 - 63.1667	Pole	TP49.063x39.821x0.375	4	-37.385	3460.495	54.8	Pass
L5	63.1667 - 31.1667	Pole	TP56.125x46.957x0.375	5	-48.546	3964.233	62.3	Pass
L6	31.1667 - 0	Pole	TP62.938x53.847x0.375	6	-63.528	4574.010	69.5	Pass
							Summary	
						Pole (L6)	69.5	Pass
						RATING =	**69.5**	**Pass**

Program Version 8.1.1.0

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 823666

APPENDIX C

ADDITIONAL CALCULATIONS

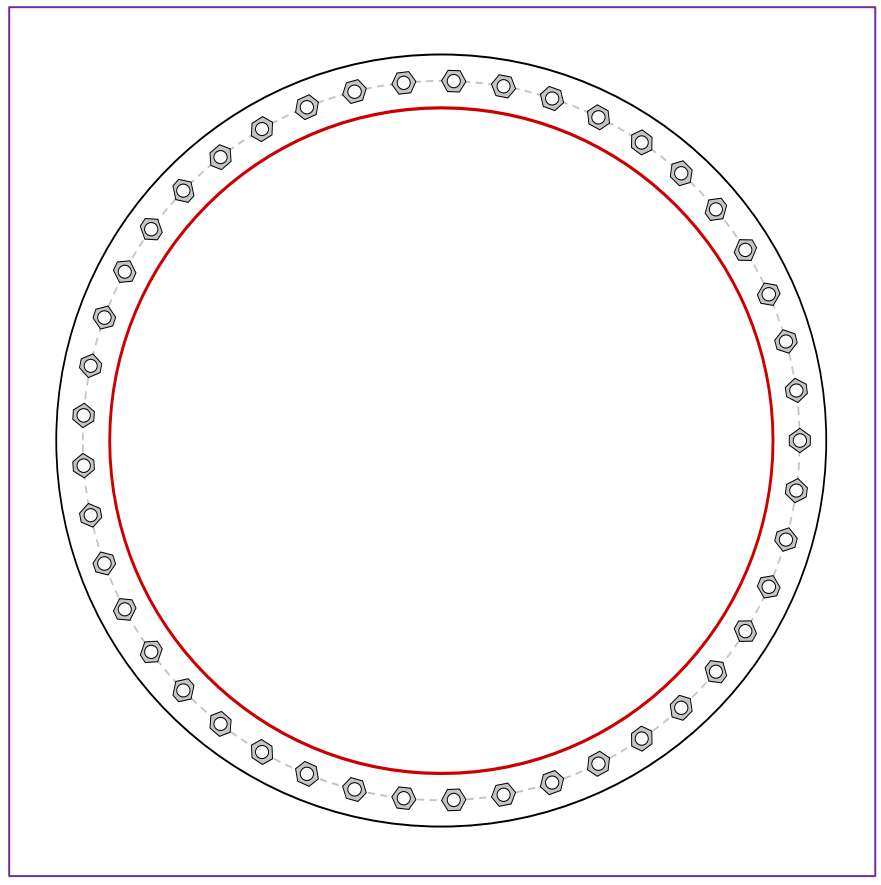
Monopole Base Plate Connection

Site Info	
BU #	823666
Site Name	Deep River/Rt 9, CT
Order #	582520; Rev.0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	1.25

Applied Loads	
Moment (kip-ft)	4178.66
Axial Force (kips)	63.53
Shear Force (kips)	32.94

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(45) 1-1/4" ø bolts (A687 N; Fy=105 ksi, Fu=125 ksi) on 68" BC

Base Plate Data

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

Stiffener Data

N/A

Pole Data

62.9375" x 0.375" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 64.13	ϕPn_t = 90.84	**Stress Rating**
Vu = 0.73	ϕVn = 57.52	**67.2%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	42.95	(Flexural)
Allowable Stress (ksi):	45	
Stress Rating:	**90.9%**	**Pass**

Pier and Pad Foundation

BU # :	823666
Site Name:	Deep River/Rt 9, C
App. Number:	582520; Rev.0

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp}:	64	kips
Base Shear, Vu_comp:	33	kips
Moment, M_u:	4179	ft-kips
Tower Height, **H**:	178	ft
BP Dist. Above Fdn, bp_{dist}:	2.5	in
Bolt Circle / Bearing Plate Width, **BC**:	68	in

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	189.14	33.00	**16.6%**	**Pass**
Bearing Pressure (ksf)	18.00	2.64	**14.7%**	**Pass**
*Overturning (kip*ft)*	6959.01	4317.88	**62.0%**	**Pass**
*Pad Flexure (kip*ft)*	4875.64	1946.87	**38.0%**	**Pass**
Pad Shear - 1-way (kips)	1436.12	226.65	**15.0%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.190	0.003	**1.8%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	3989.84	0.00	**0.0%**	**Pass**

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

Structural Rating*:	**38.0%**
Soil Rating*:	**62.0%**

Pad Properties		
Depth, **D**:	3.5	ft
Pad Width, W_1:	29	ft
Pad Thickness, **T**:	4	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	8	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	32	
Pad Clear Cover, cc_{pad}:	3	in

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

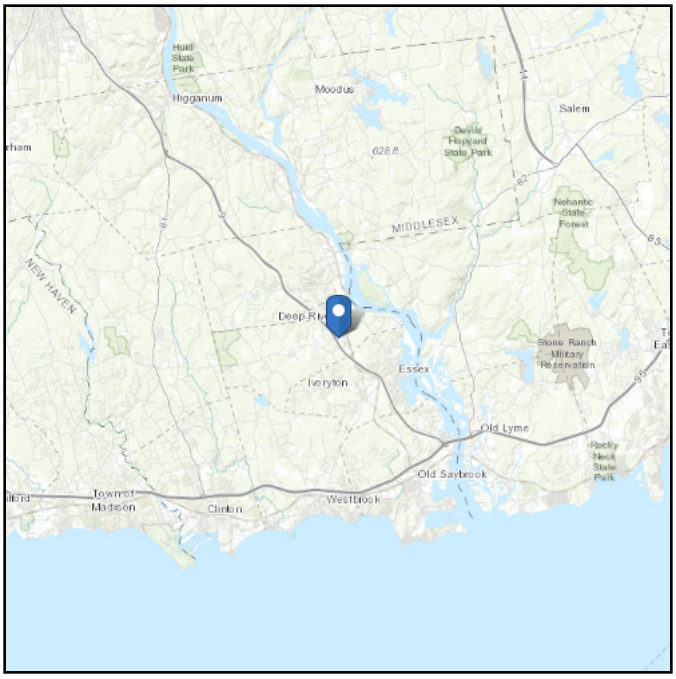
Soil Properties		
Total Soil Unit Weight, γ:	165	pcf
Ultimate Gross Bearing, Qult:	24.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	40	degrees
SPT Blow Count, N_{blows}:	50	
Base Friction, μ:		
Neglected Depth, **N**:	3.50	ft
Foundation Bearing on Rock?	Yes	
Groundwater Depth, **gw**:	N/A	ft

<--Toggle between Gross and Net

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-10	**Elevation:**	94.97 ft (NAVD 88)
Risk Category:	II	**Latitude:**	41.372825
Soil Class:	D - Stiff Soil	**Longitude:**	-72.434436



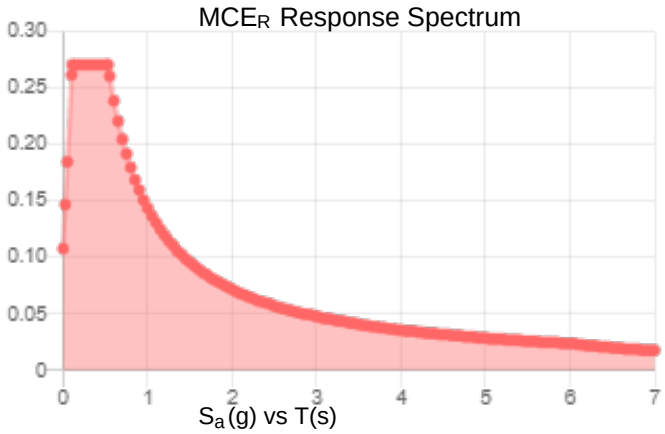
Seismic

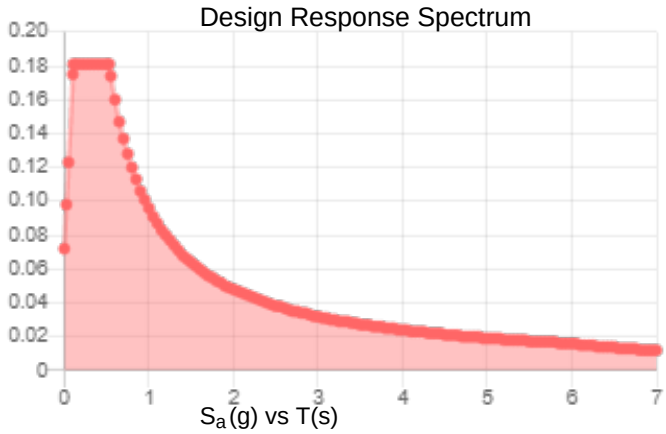
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.169	S_{DS} :	0.181
S_1 :	0.06	S_{D1} :	0.096
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.085
S_{MS} :	0.271	PGA_M :	0.137
S_{M1} :	0.144	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Fri Aug 06 2021

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

Ice

Results:

Ice Thickness:	0.75 in.
Concurrent Temperature:	15 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Fri Aug 06 2021

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

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

Exhibit E

Mount Analysis

Maser Consulting Connecticut
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@colliersengineering.com

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10117366
Maser Consulting Connecticut Project #: 21777999A

December 1, 2021

Site Information	*Site ID:*	*467700-VZW / DEEP RIVER CT*
	Site Name:	*DEEP RIVER CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*15 Pent Road* *Deep River, Connecticut 06417* *Middlesex County*
	Latitude:	*41.372222°*
	Longitude:	*-72.435000°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 16271929

Analysis Results

Platform: **43.5% Pass**

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

12/1/21

Report Prepared By: Selene Chen

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: 323729, dated October 12, 2021*
Mount Mapping Report	*RKS Design & Engineering, LLC, Site ID: CC: 823666, VZW:467700, dated November 6, 2021*
Mount Analysis Report	*Maser Consulting, Project #: 21777999A, dated November 16, 2021*
Mount Modification Drawings	*Maser Consulting, Project #: 21777999A, dated December 1, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	124 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.997
Seismic Parameters:	S_S:	0.209 g
	S_1:	0.054 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)	

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
168.50	170.00	6	JMA Wireless	MX06FRO660-03	Added
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		1	RFS	DB-B1-6C-12AB-0Z	
		3	Commscope	LNX-6514DS-A1M	Retained
		1	Raycap	RHSDC-3315-PF-48	

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	*33.5 %*	*Pass*
Platform Crossmember	*16.6 %*	*Pass*
Corner Plate	*22.5 %*	*Pass*
Grating Support	*17.9 %*	*Pass*
Cross Arm Plate	*33.2 %*	*Pass*
Face Horizontal	*14.2 %*	*Pass*
Mount Pipe	*42.0 %*	*Pass*
Mod Support Rail	*17.9 %*	*Pass*
Mod Support Rail Brace	*31.7 %*	*Pass*
Connection Check	*43.5 %*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**43.5%**

Recommendation:

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

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

Attachments:

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


11/06/2021


2021.11. 6

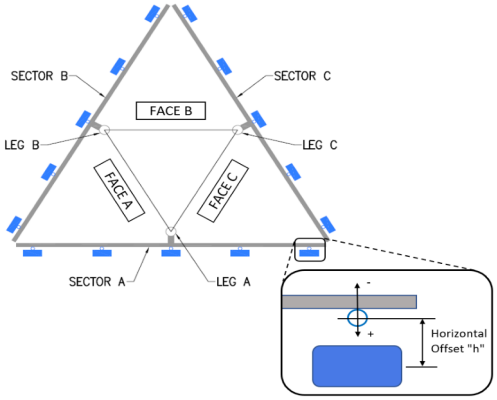
V4.0 Updated on 3-31-2021

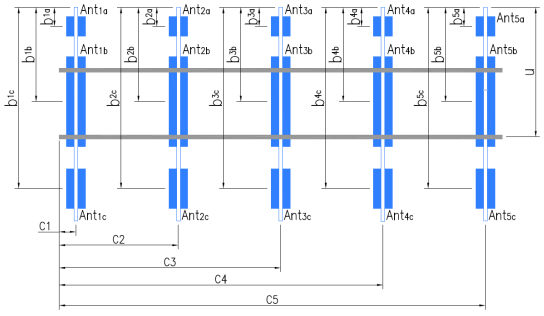
Antenna Mount Mapping Form (PATENT PENDING)

FCC #
UNKNOWN

Tower Owner:	CC	**Mapping Date:**	11/6/2021
Site Name:	CC: Deep River/RT 9; VZW: NE DEEP RIVER	**Tower Type:**	Monopole
Site Number or ID:	CC: 823666, VZW:467700	**Tower Height (Ft.):**	UNKNOWN
Mapping Contractor:	RKS Design & Engineering, LLC	**Mount Elevation (Ft.):**	167.8

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





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	PIPE 2.375"Ø X 0.18" X 72" LONG	47.75	17.50	C1	PIPE 2.375"Ø X 0.18" X 72" LONG	47.75	17.50
A2	PIPE 2.375"Ø X 0.18" X 72" LONG	47.75	74.00	C2	PIPE 2.375"Ø X 0.18" X 72" LONG	47.75	74.00
A3	PIPE 2.375"Ø X 0.18" X 72" LONG	47.75	107.75	C3	PIPE 2.375"Ø X 0.18" X 72" LONG	47.75	107.75
A4	PIPE 2.375"Ø X 0.18" X 72" LONG	47.75	132.75	C4	PIPE 2.375"Ø X 0.18" X 72" LONG	47.75	132.75
A5				C5			
A6				C6			
B1	PIPE 2.375"Ø X 0.18" X 96" LONG	47.75	17.50	D1			
B2	PIPE 2.375"Ø X 0.18" X 72" LONG	47.75	74.00	D2			
B3	PIPE 2.375"Ø X 0.18" X 72" LONG	47.75	107.75	D3			
B4	PIPE 2.375"Ø X 0.18" X 72" LONG	47.75	132.75	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	4.4
Please enter additional infomation or comments below.	

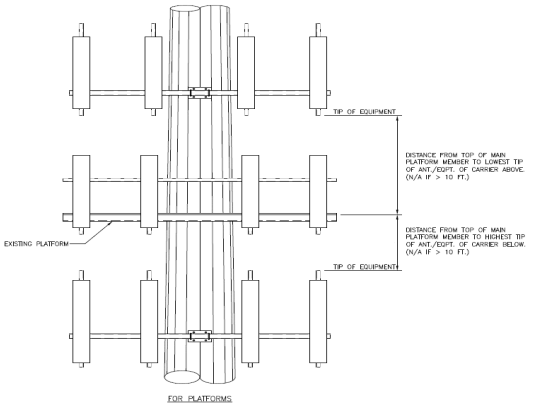
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	24.2
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			0.31

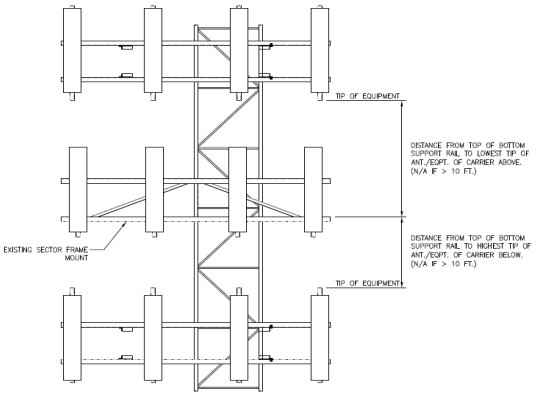
	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}	B4 RRH2X60-4R	10.50	5.75	36.50		170.196	19.00	-9.00		161
Ant_{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		169.404	28.50	10.00	40.00	161
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA-70063-6CF-EDIN-	11.00	5.00	71.00		169.321	29.50	9.00	40.00	162
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	HBXX-6517DS-A2M	12.00	6.50	75.00		169.404	28.50	10.00	40.00	162
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	LNX-6514DS-A1M	12.00	7.00	73.00		169.071	32.50	8.50	40.00	162
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RHSDC-3315-PF-48	17.50	10.50	25.50			38.00	6.00		161
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

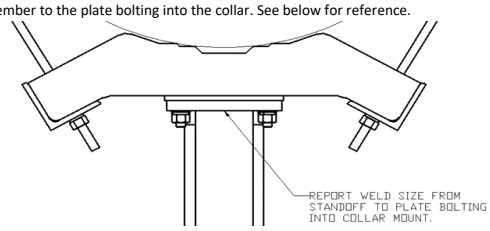
Climbing Facility Information			
Location:	180.00	Deg	N/A
Climbing Facility	Corrosion Type:		N/A
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.

Please insert a photo of the mount centerline measurement here.





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



Sector B										
Ant_{1a}	B4 RRH2X60-4R	10.50	5.75	36.50		170.196	19.00	-9.00		164
Ant_{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		169.404	28.50	10.00	160.00	164
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA-70063-6CF-EDIN-	11.00	5.00	71.00		169.321	29.50	9.00	160.00	165
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	HBXX-6517DS-A2M	12.00	6.50	75.00		169.404	28.50	10.00	160.00	166
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	LNX-6514DS-A1M	12.00	7.00	73.00		169.071	32.50	8.50	160.00	166
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	B4 RRH2X60-4R	10.50	5.75	36.50		170.196	19.00	-9.00		167
Ant_{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		169.404	28.50	10.00	280.00	167
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA-70063-6CF-EDIN-	11.00	5.00	71.00		169.321	29.50	9.00	280.00	168
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	HBXX-6517DS-A2M	12.00	6.50	75.00		169.404	28.50	10.00	280.00	169
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	LNX-6514DS-A1M	12.00	7.00	73.00		169.071	32.50	8.50	280.00	169
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	TOAL COAX(13): (12) FH 1-5/8; (1) 1.55"Ø HYBRID	23
2		
3		
4		
5		
6		
7		
8		

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

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

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

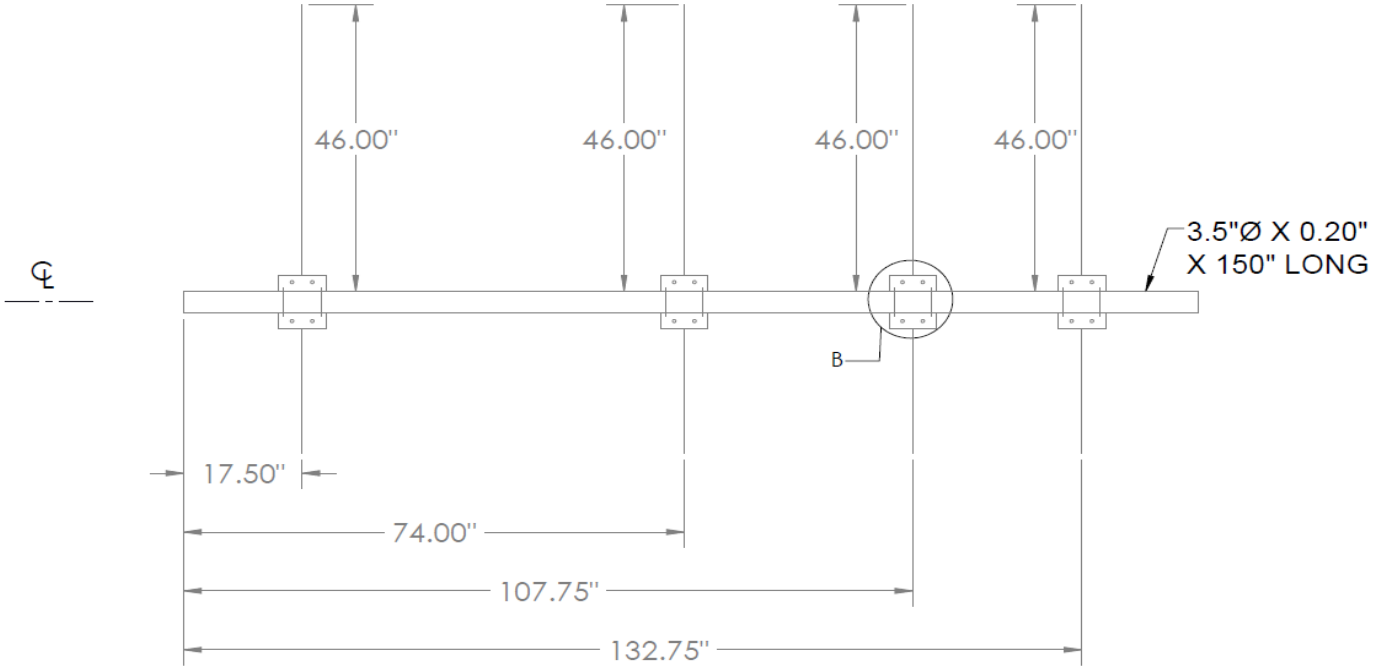
V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

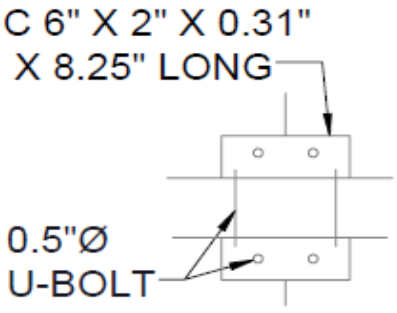
FCC #
UNKNOWN

Tower Owner:	CC	**Mapping Date:**	11/6/2021
Site Name:	CC: Deep River/RT 9; VZW: NE DEEP RIVER	**Tower Type:**	Monopole
Site Number or ID:	CC: 823666, VZW:467700	**Tower Height (Ft.):**	UNKNOWN
Mapping Contractor:	RKS Design & Engineering, LLC	**Mount Elevation (Ft.):**	167.8

Please Insert Sketches of the Antenna Mount

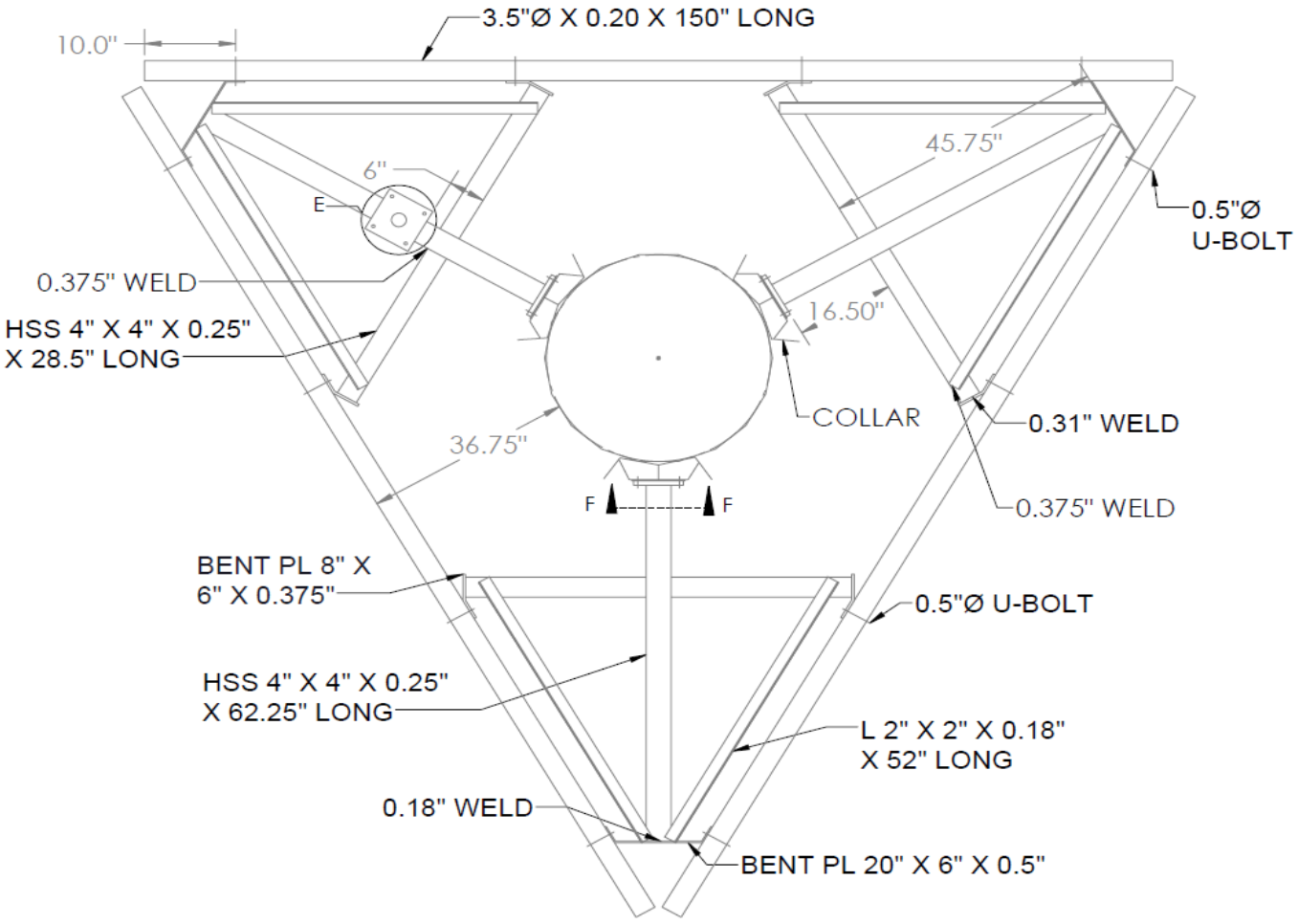


SECTOR A,B,C

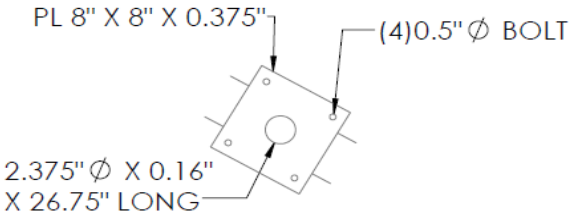


DETAIL B

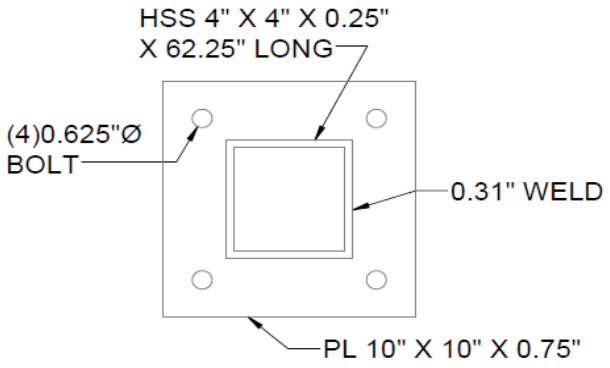
Please Insert Sketches of the Antenna Mount, cont'd



MOUNT PLAN VIEW



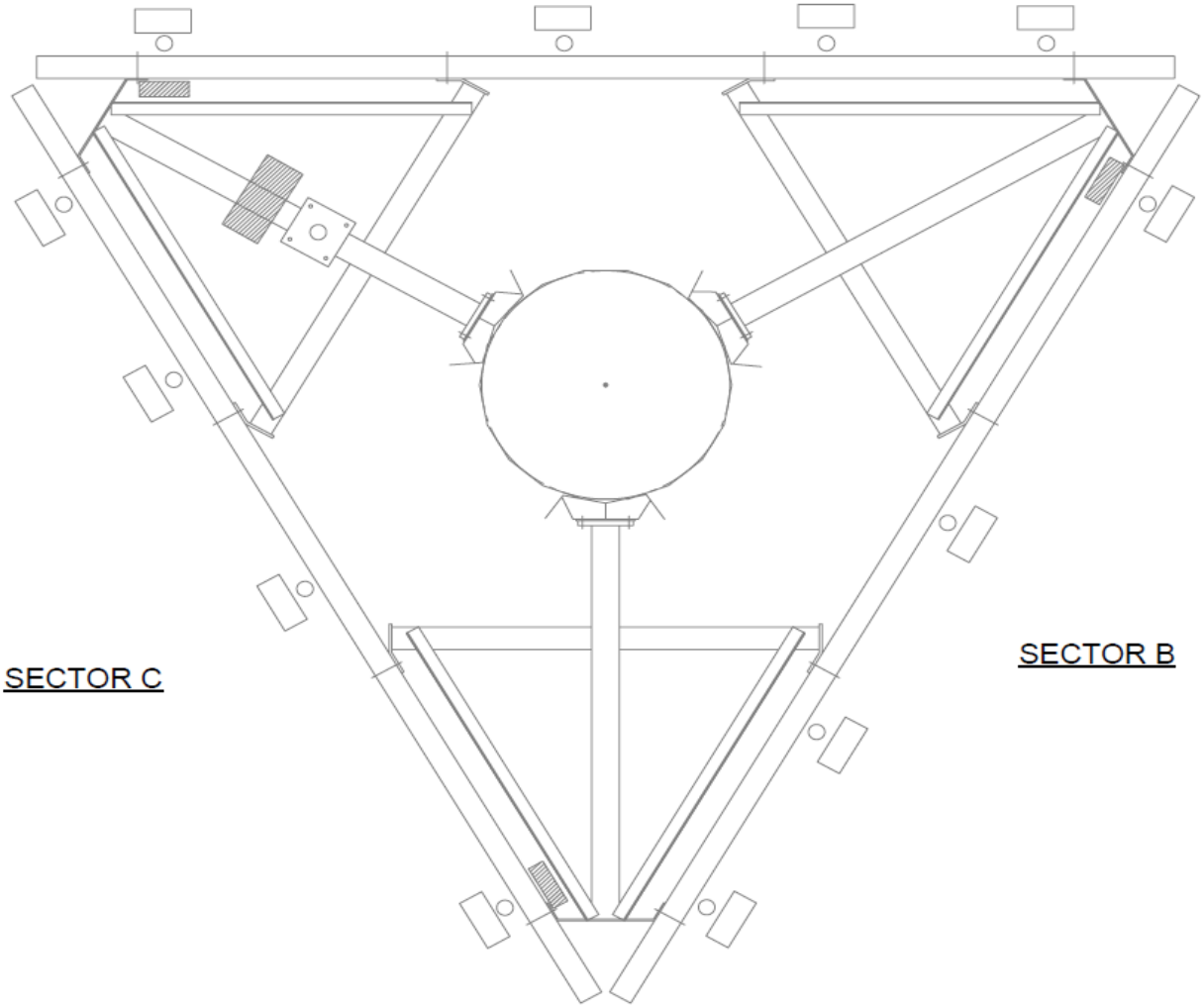
DETAIL E



SECTION F-F

Please Insert Sketches of the Antenna Mount, cont'd

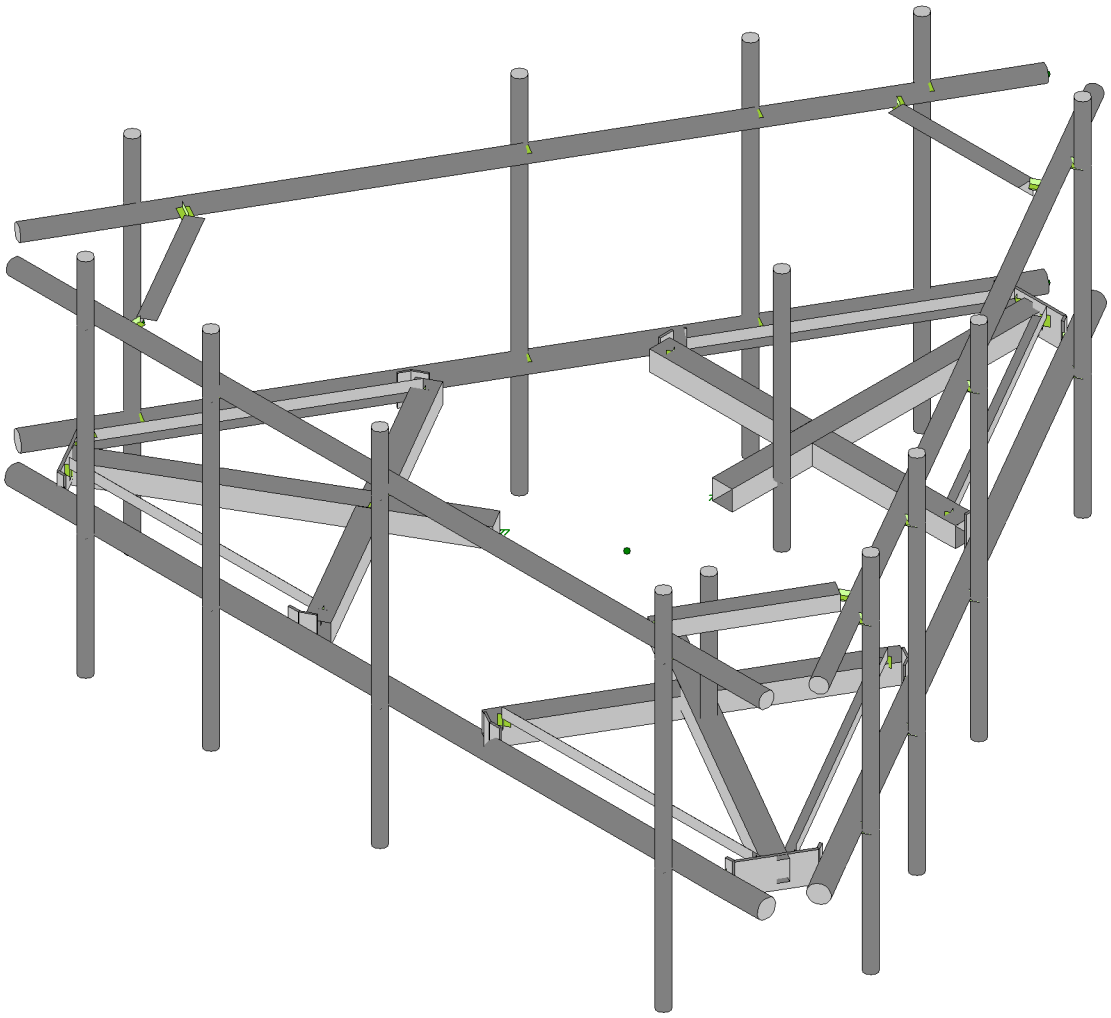
SECTOR A



SECTOR C

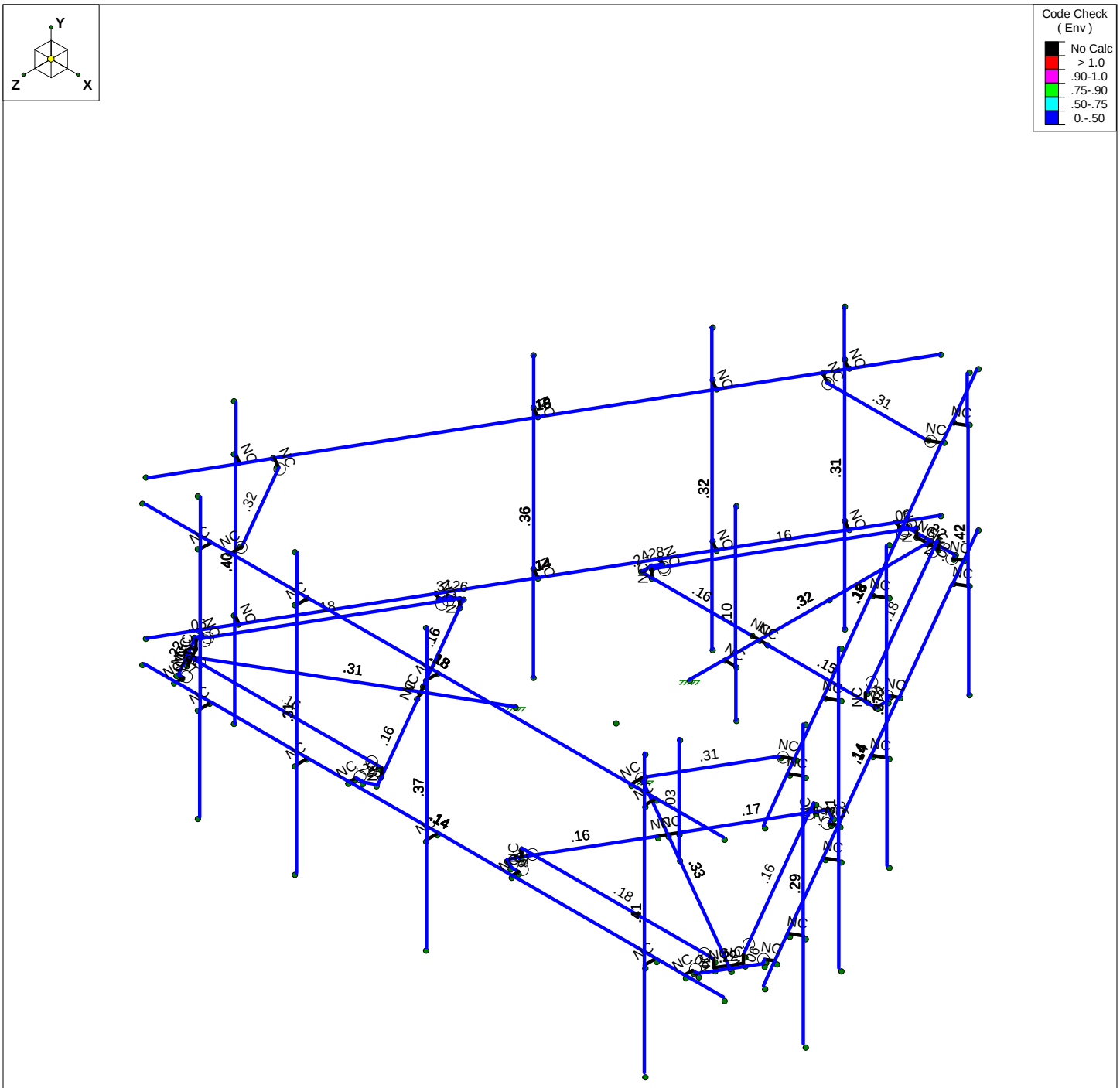
SECTOR B

ANTENNA PLAN VIEW



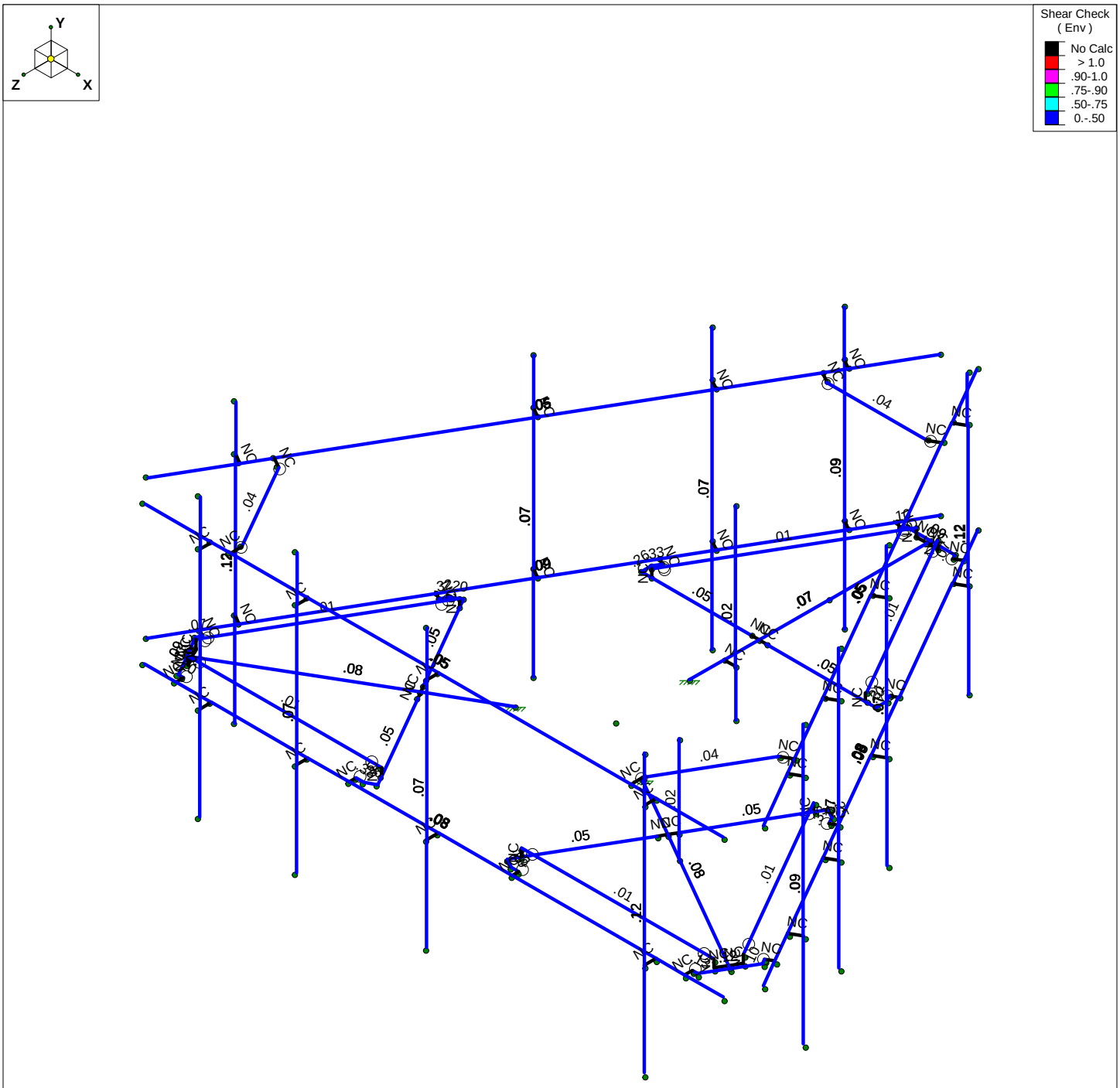
Envelope Only Solution

		SK - 1
		Nov 29, 2021 at 3:33 PM
		MOD_467700-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		Nov 29, 2021 at 3:33 PM
		MOD_467700-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		Nov 29, 2021 at 3:33 PM
		MOD_467700-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					96			
2	Antenna Di	None					96			
3	Antenna Wo (0 Deg)	None					96			
4	Antenna Wo (30 Deg)	None					96			
5	Antenna Wo (60 Deg)	None					96			
6	Antenna Wo (90 Deg)	None					96			
7	Antenna Wo (120 Deg)	None					96			
8	Antenna Wo (150 Deg)	None					96			
9	Antenna Wo (180 Deg)	None					96			
10	Antenna Wo (210 Deg)	None					96			
11	Antenna Wo (240 Deg)	None					96			
12	Antenna Wo (270 Deg)	None					96			
13	Antenna Wo (300 Deg)	None					96			
14	Antenna Wo (330 Deg)	None					96			
15	Antenna Wi (0 Deg)	None					96			
16	Antenna Wi (30 Deg)	None					96			
17	Antenna Wi (60 Deg)	None					96			
18	Antenna Wi (90 Deg)	None					96			
19	Antenna Wi (120 Deg)	None					96			
20	Antenna Wi (150 Deg)	None					96			
21	Antenna Wi (180 Deg)	None					96			
22	Antenna Wi (210 Deg)	None					96			
23	Antenna Wi (240 Deg)	None					96			
24	Antenna Wi (270 Deg)	None					96			
25	Antenna Wi (300 Deg)	None					96			
26	Antenna Wi (330 Deg)	None					96			
27	Antenna Wm (0 Deg)	None					96			
28	Antenna Wm (30 Deg)	None					96			
29	Antenna Wm (60 Deg)	None					96			
30	Antenna Wm (90 Deg)	None					96			
31	Antenna Wm (120 De...	None					96			
32	Antenna Wm (150 De...	None					96			
33	Antenna Wm (180 De...	None					96			
34	Antenna Wm (210 De...	None					96			
35	Antenna Wm (240 De...	None					96			
36	Antenna Wm (270 De...	None					96			
37	Antenna Wm (300 De...	None					96			
38	Antenna Wm (330 De...	None					96			
39	Structure D	None		-1					3	
40	Structure Di	None						59	3	
41	Structure Wo (0 Deg)	None						118		
42	Structure Wo (30 Deg)	None						118		
43	Structure Wo (60 Deg)	None						118		
44	Structure Wo (90 Deg)	None						118		
45	Structure Wo (120 D...	None						118		
46	Structure Wo (150 D...	None						118		
47	Structure Wo (180 D...	None						118		
48	Structure Wo (210 D...	None						118		
49	Structure Wo (240 D...	None						118		
50	Structure Wo (270 D...	None						118		
51	Structure Wo (300 D...	None						118		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
52	Structure Wo (330 D...	None						118		
53	Structure Wi (0 Deg)	None						118		
54	Structure Wi (30 Deg)	None						118		
55	Structure Wi (60 Deg)	None						118		
56	Structure Wi (90 Deg)	None						118		
57	Structure Wi (120 De...	None						118		
58	Structure Wi (150 De...	None						118		
59	Structure Wi (180 De...	None						118		
60	Structure Wi (210 De...	None						118		
61	Structure Wi (240 De...	None						118		
62	Structure Wi (270 De...	None						118		
63	Structure Wi (300 De...	None						118		
64	Structure Wi (330 De...	None						118		
65	Structure Wm (0 Deg)	None						118		
66	Structure Wm (30 D...	None						118		
67	Structure Wm (60 D...	None						118		
68	Structure Wm (90 D...	None						118		
69	Structure Wm (120 ...	None						118		
70	Structure Wm (150 ...	None						118		
71	Structure Wm (180 ...	None						118		
72	Structure Wm (210 ...	None						118		
73	Structure Wm (240 ...	None						118		
74	Structure Wm (270 ...	None						118		
75	Structure Wm (300 ...	None						118		
76	Structure Wm (330 ...	None						118		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					96			
82	Antenna Eh (0 Deg)	None					64			
83	Antenna Eh (90 Deg)	None					64			
84	Structure Ev	ELY		-.045					3	
85	Structure Eh (0 Deg)	ELZ	-.111							
86	Structure Eh (90 Deg)	ELX			.111					
87	BLC 39 Transient Are...	None						30		
88	BLC 40 Transient Are...	None						30		
89	BLC 84 Transient Are...	None						20		

Load Combinations

	Description	Solve	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.2D+1.0Wo (0...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (3...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (6...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (9...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (1...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (1...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (1...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (2...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (2...	Yes	Y		1	1.2	39	1.2	11	1	49	1												

Load Combinations (Continued)

	Description	Solve	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
10	1.2D+1.0Wo (2...	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (3...	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (3...	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												
27	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1												
28	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1												
29	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1												
30	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1												
31	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1												
32	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1												
33	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1												
34	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1												
35	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1												
36	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1												
37	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1												
38	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1												
39	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1												
40	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1												
41	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1												
42	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1												
43	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1												
44	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1												
45	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1												
46	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1												
47	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1												
48	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1												
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5																
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5																
51	1.4D	Yes	Y		1	1.4	39	1.4																		
52	1.2D + 1.0Ev + ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX							
53	1.2D + 1.0Ev + ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5						
54	1.2D + 1.0Ev + ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866						
55	1.2D + 1.0Ev + ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1						
56	1.2D + 1.0Ev + ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866						
57	1.2D + 1.0Ev + ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5						
58	1.2D + 1.0Ev + ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX							
59	1.2D + 1.0Ev + ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5						
60	1.2D + 1.0Ev + ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866						
61	1.2D + 1.0Ev + ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1						

Load Combinations (Continued)

	Description	Solve	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
62	1.2D + 1.0Ev + ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
63	1.2D + 1.0Ev + ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5				
64	0.9D - 1.0Ev + ...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX					
65	0.9D - 1.0Ev + ...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5				
66	0.9D - 1.0Ev + ...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866				
67	0.9D - 1.0Ev + ...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1				
68	0.9D - 1.0Ev + ...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
69	0.9D - 1.0Ev + ...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
70	0.9D - 1.0Ev + ...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX					
71	0.9D - 1.0Ev + ...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
72	0.9D - 1.0Ev + ...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
73	0.9D - 1.0Ev + ...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1				
74	0.9D - 1.0Ev + ...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
75	0.9D - 1.0Ev + ...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	1.371207	0	17.458333	0	
2	N2	3.941078	0	16.007185	0	
3	N3	1.512693	0.166667	20.213272	0	
4	N4	3.827797	0.166667	16.203394	0	
5	N5	2.670245	0	18.208333	0	
6	N6	5.863714	0	20.052083	0	
7	N7	0	0	16.666667	0	
8	N8	1.512693	0	20.213272	0	
9	N9	3.827797	0	16.203394	0	
10	N10	1.399412	0	20.409481	0	
11	N11	2.753578	0	18.063996	0	
12	N12	2.586912	0	18.352671	0	
13	N13	4.130521	0	16.11656	0	
14	N14	1.588855	0	20.518856	0	
15	N15	1.755521	0	20.518856	0	
16	N16	5.493922	0	20.498628	0	
17	N17	4.213855	0	16.260898	0	
18	N18	6.065537	0	19.508562	0	
19	N19	1.755521	0	20.66469	0	
20	N20	4.34015	0	16.187981	0	
21	N21	6.121526	0	19.605539	0	
22	N22	5.605901	0	20.498628	0	
23	N23	5.493922	0	20.66469	0	
24	N24	6.209351	0	19.425531	0	
25	N25	5.791545	0	20.010417	0	
26	N26	5.674426	0.166667	20.213272	0	
27	N27	5.674426	0	20.213272	0	
28	N28	5.908664	0.166667	19.807561	0	
29	N29	5.908664	0	19.807561	0	
30	N30	-0.	0	15.083333	0	
31	N31	-2.541667	0	13.583333	0	
32	N32	2.315104	0.166667	13.583333	0	
33	N33	-2.315104	0.166667	13.583333	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
34	N34	-0.	0	13.583333	0	
35	N35	-0.	0	9.895833	0	
36	N36	2.315104	0	13.583333	0	
37	N37	-2.315104	0	13.583333	0	
38	N38	2.541667	0	13.583333	0	
39	N39	-0.166667	0	13.583333	0	
40	N40	0.166667	0	13.583333	0	
41	N41	-2.541667	0	13.364583	0	
42	N42	2.541667	0	13.364583	0	
43	N43	2.458333	0	13.220246	0	
44	N44	0.571615	0	9.99281	0	
45	N45	-2.458333	0	13.220246	0	
46	N46	-0.571615	0	9.99281	0	
47	N47	2.584629	0	13.147329	0	
48	N48	-2.584629	0	13.147329	0	
49	N49	-0.515625	0	9.895833	0	
50	N50	0.515625	0	9.895833	0	
51	N51	0.715429	0	9.909779	0	
52	N52	-0.715429	0	9.909779	0	
53	N53	-0.	0	9.979167	0	
54	N54	0.234238	0.166667	9.979167	0	
55	N55	0.234238	0	9.979167	0	
56	N56	-0.234238	0.166667	9.979167	0	
57	N57	-0.234238	0	9.979167	0	
58	N58	-1.371207	0	17.458333	0	
59	N59	-1.399412	0	20.409481	0	
60	N60	-3.827797	0.166667	16.203394	0	
61	N61	-1.512693	0.166667	20.213272	0	
62	N62	-2.670245	0	18.208333	0	
63	N63	-5.863714	0	20.052083	0	
64	N64	-3.827797	0	16.203394	0	
65	N65	-1.512693	0	20.213272	0	
66	N66	-3.941078	0	16.007185	0	
67	N67	-2.586912	0	18.352671	0	
68	N68	-2.753578	0	18.063996	0	
69	N69	-1.588855	0	20.518856	0	
70	N70	-4.130521	0	16.11656	0	
71	N71	-4.213855	0	16.260898	0	
72	N72	-6.065537	0	19.508562	0	
73	N73	-1.755521	0	20.518856	0	
74	N74	-5.493922	0	20.498628	0	
75	N75	-4.34015	0	16.187981	0	
76	N76	-1.755521	0	20.66469	0	
77	N77	-5.605901	0	20.498628	0	
78	N78	-6.121526	0	19.605539	0	
79	N79	-6.209351	0	19.425531	0	
80	N80	-5.493922	0	20.66469	0	
81	N81	-5.791545	0	20.010417	0	
82	N82	-5.908664	0.166667	19.807561	0	
83	N83	-5.908664	0	19.807561	0	
84	N84	-5.674426	0.166667	20.213272	0	
85	N85	-5.674426	0	20.213272	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
86	N86	6.327255	0	20.66469	0	
87	N87	-6.172745	0	20.66469	0	
88	N88	0.298762	0	9.188091	0	
89	N89	6.548762	0	20.013409	0	
90	N90	-6.626017	0	20.147219	0	
91	N91	-0.376017	0	9.321901	0	
92	N92	4.868922	0	20.66469	0	
93	N93	4.868922	0	20.91469	0	
94	N94	4.868922	3.979167	20.91469	0	
95	N95	4.868922	-2.020833	20.91469	0	
96	N96	0.160589	0	20.66469	0	
97	N97	0.160589	0	20.91469	0	
98	N98	0.160589	3.979167	20.91469	0	
99	N99	0.160589	-2.020833	20.91469	0	
100	N100	-2.651911	0	20.66469	0	
101	N101	-2.651911	0	20.91469	0	
102	N102	-2.651911	3.979167	20.91469	0	
103	N103	-2.651911	-2.020833	20.91469	0	
104	N104	-4.735245	0	20.66469	0	
105	N105	-4.735245	0	20.91469	0	
106	N106	-4.735245	3.979167	20.91469	0	
107	N107	-4.735245	-2.020833	20.91469	0	
108	N108	1.027929	0	10.451045	0	
109	N109	1.244435	0	10.326045	0	
110	N110	1.244435	3.979167	10.326045	0	
111	N111	1.244435	-2.020833	10.326045	0	
112	N112	3.382095	0	14.528581	0	
113	N113	3.598602	0	14.403581	0	
114	N114	3.598602	3.979167	14.403581	0	
115	N115	3.598602	-2.020833	14.403581	0	
116	N116	4.788345	0	16.964278	0	
117	N117	5.004852	0	16.839278	0	
118	N118	5.004852	3.979167	16.839278	0	
119	N119	5.004852	-2.020833	16.839278	0	
120	N120	5.830012	0	18.768497	0	
121	N121	6.046518	0	18.643497	0	
122	N122	6.046518	3.979167	18.643497	0	
123	N123	6.046518	-2.020833	18.643497	0	
124	N124	-5.896851	0	18.884265	0	
125	N125	-6.113357	0	18.759265	0	
126	N126	-6.113357	3.979167	18.759265	0	
127	N127	-6.113357	-2.020833	18.759265	0	
128	N128	-3.542684	0	14.806729	0	
129	N129	-3.75919	0	14.681729	0	
130	N130	-3.75919	3.979167	14.681729	0	
131	N131	-3.75919	-2.020833	14.681729	0	
132	N132	-2.136434	0	12.371032	0	
133	N133	-2.35294	0	12.246032	0	
134	N134	-2.35294	3.979167	12.246032	0	
135	N135	-2.35294	-2.020833	12.246032	0	
136	N136	-1.094767	0	10.566813	0	
137	N137	-1.311274	0	10.441813	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
138	N138	-1.311274	3.979167	10.441813	0	
139	N139	-1.311274	-2.020833	10.441813	0	
140	N140	3.247595	0	18.541667	0	
141	N141	3.247595	2.25	18.541667	0	
142	N142	-0.	0	14.333333	0	
143	N143	0.25	0	14.333333	0	
144	N144	0.25	3	14.333333	0	
145	N145	0.25	-1	14.333333	0	
146	N149	-0.	0	12.083333	0	
147	N147	6.327255	3	20.66469	0	
148	N148	-6.172745	3	20.66469	0	
149	N149A	0.298762	3	9.188091	0	
150	N150	6.548762	3	20.013409	0	
151	N151	-6.626017	3	20.147219	0	
152	N152	-0.376017	3	9.321901	0	
153	N153	4.868922	3	20.66469	0	
154	N154	4.868922	3	20.91469	0	
155	N155	0.160589	3	20.66469	0	
156	N156	0.160589	3	20.91469	0	
157	N157	-2.651911	3	20.66469	0	
158	N158	-2.651911	3	20.91469	0	
159	N159	-4.735245	3	20.66469	0	
160	N160	-4.735245	3	20.91469	0	
161	N161	1.027929	3	10.451045	0	
162	N162	1.244435	3	10.326045	0	
163	N163	3.382095	3	14.528581	0	
164	N164	3.598602	3	14.403581	0	
165	N165	4.788345	3	16.964278	0	
166	N166	5.004852	3	16.839278	0	
167	N167	5.830012	3	18.768497	0	
168	N168	6.046518	3	18.643497	0	
169	N169	-5.896851	3	18.884265	0	
170	N170	-6.113357	3	18.759265	0	
171	N171	-3.542684	3	14.806729	0	
172	N172	-3.75919	3	14.681729	0	
173	N173	-2.136434	3	12.371032	0	
174	N174	-2.35294	3	12.246032	0	
175	N175	-1.094767	3	10.566813	0	
176	N176	-1.311274	3	10.441813	0	
177	N177	4.327255	3	20.66469	0	
178	N178	-4.327255	3	20.66469	0	
179	N179	4.327255	3	20.41469	0	
180	N180	-4.327255	3	20.41469	0	
181	N181	1.298762	3	10.920142	0	
182	N182	5.626017	3	18.415168	0	
183	N183	1.082256	3	11.045142	0	
184	N184	5.409511	3	18.540168	0	
185	N185	-5.626017	3	18.415168	0	
186	N186	-1.298762	3	10.920142	0	
187	N187	-5.409511	3	18.540168	0	
188	N188	-1.082256	3	11.045142	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2X6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossme...	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	MOD-V-BRACING	LL3x3x3x3	Column	Double Angle (3/8 ...	A36 Gr.36	Typical	2.18	4.09	1.9	.027
9	MOD SUPPORT ...	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	MOD SUPPORT ...	L3X3X4	Column	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N6			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
2	M2	N10	N12			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
3	M3	N11	N2			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M4	N21	N22			Corner Plate	Beam	BAR	A36 Gr.36	Typical
5	M5	N4	N9		240	RIGID	None	None	RIGID	Typical
6	M6	N3	N8		240	RIGID	None	None	RIGID	Typical
7	M7	N26	N3			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
8	M8	N4	N28			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M9	N28	N29		240	RIGID	None	None	RIGID	Typical
10	M10	N11	N5			RIGID	None	None	RIGID	Typical
11	M11	N5	N12			RIGID	None	None	RIGID	Typical
12	M12	N10	N14			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
13	M13	N14	N15			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M14	N15	N19			RIGID	None	None	RIGID	Typical
15	M15	N22	N16			Corner Plate	Beam	BAR	A36 Gr.36	Typical
16	M16	N16	N23			RIGID	None	None	RIGID	Typical
17	M17	N2	N13			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M18	N13	N17			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M19	N17	N20			RIGID	None	None	RIGID	Typical
20	M20	N21	N18			Corner Plate	Beam	BAR	A36 Gr.36	Typical
21	M21	N18	N24			RIGID	None	None	RIGID	Typical
22	M22	N29	N25			RIGID	None	None	RIGID	Typical
23	M23	N25	N27			RIGID	None	None	RIGID	Typical
24	M24	N26	N27		240	RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
25	M25	N30	N35			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
26	M26	N38	N40			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
27	M27	N39	N31			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
28	M28	N49	N50			Corner Plate	Beam	BAR	A36 Gr.36	Typical
29	M29	N33	N37		240	RIGID	None	None	RIGID	Typical
30	M30	N32	N36		240	RIGID	None	None	RIGID	Typical
31	M31	N54	N32			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
32	M32	N33	N56			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
33	M33	N56	N57		240	RIGID	None	None	RIGID	Typical
34	M34	N39	N34			RIGID	None	None	RIGID	Typical
35	M35	N34	N40			RIGID	None	None	RIGID	Typical
36	M36	N38	N42			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
37	M37	N42	N43			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
38	M38	N43	N47			RIGID	None	None	RIGID	Typical
39	M39	N50	N44			Corner Plate	Beam	BAR	A36 Gr.36	Typical
40	M40	N44	N51			RIGID	None	None	RIGID	Typical
41	M41	N31	N41			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
42	M42	N41	N45			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
43	M43	N45	N48			RIGID	None	None	RIGID	Typical
44	M44	N49	N46			Corner Plate	Beam	BAR	A36 Gr.36	Typical
45	M45	N46	N52			RIGID	None	None	RIGID	Typical
46	M46	N57	N53			RIGID	None	None	RIGID	Typical
47	M47	N53	N55			RIGID	None	None	RIGID	Typical
48	M48	N54	N55		240	RIGID	None	None	RIGID	Typical
49	M49	N58	N63			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
50	M50	N66	N68			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
51	M51	N67	N59			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
52	M52	N77	N78			Corner Plate	Beam	BAR	A36 Gr.36	Typical
53	M53	N61	N65		240	RIGID	None	None	RIGID	Typical
54	M54	N60	N64		240	RIGID	None	None	RIGID	Typical
55	M55	N82	N60			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
56	M56	N61	N84			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
57	M57	N84	N85		240	RIGID	None	None	RIGID	Typical
58	M58	N67	N62			RIGID	None	None	RIGID	Typical
59	M59	N62	N68			RIGID	None	None	RIGID	Typical
60	M60	N66	N70			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
61	M61	N70	N71			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
62	M62	N71	N75			RIGID	None	None	RIGID	Typical
63	M63	N78	N72			Corner Plate	Beam	BAR	A36 Gr.36	Typical
64	M64	N72	N79			RIGID	None	None	RIGID	Typical
65	M65	N59	N69			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
66	M66	N69	N73			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M67	N73	N76			RIGID	None	None	RIGID	Typical
68	M68	N77	N74			Corner Plate	Beam	BAR	A36 Gr.36	Typical
69	M69	N74	N80			RIGID	None	None	RIGID	Typical
70	M70	N85	N81			RIGID	None	None	RIGID	Typical
71	M71	N81	N83			RIGID	None	None	RIGID	Typical
72	M72	N82	N83		240	RIGID	None	None	RIGID	Typical
73	M73	N86	N87			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
74	M74	N88	N89			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
75	M75	N90	N91			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
76	M76	N92	N93			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
77	MP1A	N94	N95			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
78	M78	N96	N97			RIGID	None	None	RIGID	Typical
79	MP2A	N98	N99			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
80	M80	N100	N101			RIGID	None	None	RIGID	Typical
81	MP3A	N102	N103			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
82	M82	N104	N105			RIGID	None	None	RIGID	Typical
83	MP4A	N106	N107			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
84	M84	N108	N109			RIGID	None	None	RIGID	Typical
85	MP1C	N110	N111		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	M86	N112	N113			RIGID	None	None	RIGID	Typical
87	MP2C	N114	N115		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M88	N116	N117			RIGID	None	None	RIGID	Typical
89	MP3C	N118	N119		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	M90	N120	N121			RIGID	None	None	RIGID	Typical
91	MP4C	N122	N123		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M92	N124	N125			RIGID	None	None	RIGID	Typical
93	MP1B	N126	N127		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M94	N128	N129			RIGID	None	None	RIGID	Typical
95	MP2B	N130	N131		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	M96	N132	N133			RIGID	None	None	RIGID	Typical
97	MP3B	N134	N135		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	M98	N136	N137			RIGID	None	None	RIGID	Typical
99	MP4B	N138	N139		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N141	N140			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
101	M101	N142	N143			RIGID	None	None	RIGID	Typical
102	M102	N144	N145			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	M103	N147	N148			MOD SUPPO...	Column	Pipe	A53 Gr.B	Typical
104	M104	N149A	N150			MOD SUPPO...	Column	Pipe	A53 Gr.B	Typical
105	M105	N151	N152			MOD SUPPO...	Column	Pipe	A53 Gr.B	Typical
106	M106	N153	N154			RIGID	None	None	RIGID	Typical
107	M107	N155	N156			RIGID	None	None	RIGID	Typical
108	M108	N157	N158			RIGID	None	None	RIGID	Typical
109	M109	N159	N160			RIGID	None	None	RIGID	Typical
110	M110	N161	N162			RIGID	None	None	RIGID	Typical
111	M111	N163	N164			RIGID	None	None	RIGID	Typical
112	M112	N165	N166			RIGID	None	None	RIGID	Typical
113	M113	N167	N168			RIGID	None	None	RIGID	Typical
114	M114	N169	N170			RIGID	None	None	RIGID	Typical
115	M115	N171	N172			RIGID	None	None	RIGID	Typical
116	M116	N173	N174			RIGID	None	None	RIGID	Typical
117	M117	N175	N176			RIGID	None	None	RIGID	Typical
118	M118	N177	N179			RIGID	None	None	RIGID	Typical
119	M119	N178	N180			RIGID	None	None	RIGID	Typical
120	M120	N181	N183			RIGID	None	None	RIGID	Typical
121	M121	N182	N184			RIGID	None	None	RIGID	Typical
122	M122	N185	N187			RIGID	None	None	RIGID	Typical
123	M123	N186	N188			RIGID	None	None	RIGID	Typical
124	M124	N183	N188		180	MOD SUPPO...	Column	Single Angle	A36 Gr.36	Typical
125	M125	N187	N180		180	MOD SUPPO...	Column	Single Angle	A36 Gr.36	Typical
126	M126	N179	N184		180	MOD SUPPO...	Column	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes	Default			None
3	M3						Yes	Default			None
4	M4						Yes	Default			None
5	M5						Yes	** NA **			None
6	M6						Yes	** NA **			None
7	M7	OOOOOX	OOOOOX				Yes	Default			None
8	M8	OOOOOX	OOOOOX				Yes	Default			None
9	M9						Yes	** NA **			None
10	M10						Yes	** NA **			None
11	M11						Yes	** NA **			None
12	M12						Yes	** NA **			None
13	M13						Yes	** NA **			None
14	M14		BenPIN				Yes	** NA **			None
15	M15						Yes				None
16	M16		BenPIN				Yes	** NA **			None
17	M17						Yes	** NA **			None
18	M18						Yes	** NA **			None
19	M19		BenPIN				Yes	** NA **			None
20	M20						Yes				None
21	M21		BenPIN				Yes	** NA **			None
22	M22						Yes	** NA **			None
23	M23						Yes	** NA **			None
24	M24						Yes	** NA **			None
25	M25						Yes				None
26	M26						Yes	Default			None
27	M27						Yes	Default			None
28	M28						Yes	Default			None
29	M29						Yes	** NA **			None
30	M30						Yes	** NA **			None
31	M31	OOOOOX	OOOOOX				Yes	Default			None
32	M32	OOOOOX	OOOOOX				Yes	Default			None
33	M33						Yes	** NA **			None
34	M34						Yes	** NA **			None
35	M35						Yes	** NA **			None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38		BenPIN				Yes	** NA **			None
39	M39						Yes				None
40	M40		BenPIN				Yes	** NA **			None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43		BenPIN				Yes	** NA **			None
44	M44						Yes				None
45	M45		BenPIN				Yes	** NA **			None
46	M46						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes				None
50	M50						Yes	Default			None
51	M51						Yes	Default			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
52	M52						Yes	Default			None
53	M53						Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55	OOOOOX	OOOOOX				Yes	Default			None
56	M56	OOOOOX	OOOOOX				Yes	Default			None
57	M57						Yes	** NA **			None
58	M58						Yes	** NA **			None
59	M59						Yes	** NA **			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62		BenPIN				Yes	** NA **			None
63	M63						Yes				None
64	M64		BenPIN				Yes	** NA **			None
65	M65						Yes	** NA **			None
66	M66						Yes	** NA **			None
67	M67		BenPIN				Yes	** NA **			None
68	M68						Yes				None
69	M69		BenPIN				Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71						Yes	** NA **			None
72	M72						Yes	** NA **			None
73	M73						Yes				None
74	M74						Yes				None
75	M75						Yes				None
76	M76						Yes	** NA **			None
77	MP1A						Yes	** NA **			None
78	M78						Yes	** NA **			None
79	MP2A						Yes	** NA **			None
80	M80						Yes	** NA **			None
81	MP3A						Yes	** NA **			None
82	M82						Yes	** NA **			None
83	MP4A						Yes	** NA **			None
84	M84						Yes	** NA **			None
85	MP1C						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	MP2C						Yes	** NA **			None
88	M88						Yes	** NA **			None
89	MP3C						Yes	** NA **			None
90	M90						Yes	** NA **			None
91	MP4C						Yes	** NA **			None
92	M92						Yes	** NA **			None
93	MP1B						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	MP2B						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	MP3B						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	MP4B						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	M103						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118	OOOOOX					Yes	** NA **			None
119	M119	OOOOOX					Yes	** NA **			None
120	M120	OOOOOX					Yes	** NA **			None
121	M121	OOOOOX					Yes	** NA **			None
122	M122	OOOOOX					Yes	** NA **			None
123	M123	OOOOOX					Yes	** NA **			None
124	M124						Yes	** NA **			None
125	M125						Yes	** NA **			None
126	M126						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-23	.5
2	MP1A	My	-.011	.5
3	MP1A	Mz	.015	.5
4	MP1A	Y	-23	5.5
5	MP1A	My	-.011	5.5
6	MP1A	Mz	.015	5.5
7	MP1B	Y	-23	.5
8	MP1B	My	-.008	.5
9	MP1B	Mz	-.018	.5
10	MP1B	Y	-23	5.5
11	MP1B	My	-.008	5.5
12	MP1B	Mz	-.018	5.5
13	MP1C	Y	-23	.5
14	MP1C	My	.019	.5
15	MP1C	Mz	.002	.5
16	MP1C	Y	-23	5.5
17	MP1C	My	.019	5.5
18	MP1C	Mz	.002	5.5
19	MP1A	Y	-23	.5
20	MP1A	My	-.011	.5
21	MP1A	Mz	-.015	.5
22	MP1A	Y	-23	5.5
23	MP1A	My	-.011	5.5
24	MP1A	Mz	-.015	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1B	Y	-23	.5
26	MP1B	My	.019	.5
27	MP1B	Mz	-.002	.5
28	MP1B	Y	-23	5.5
29	MP1B	My	.019	5.5
30	MP1B	Mz	-.002	5.5
31	MP1C	Y	-23	.5
32	MP1C	My	-.008	.5
33	MP1C	Mz	.018	.5
34	MP1C	Y	-23	5.5
35	MP1C	My	-.008	5.5
36	MP1C	Mz	.018	5.5
37	MP2A	Y	-43.55	2
38	MP2A	My	-.022	2
39	MP2A	Mz	0	2
40	MP2A	Y	-43.55	4
41	MP2A	My	-.022	4
42	MP2A	Mz	0	4
43	MP2B	Y	-43.55	2
44	MP2B	My	.011	2
45	MP2B	Mz	-.019	2
46	MP2B	Y	-43.55	4
47	MP2B	My	.011	4
48	MP2B	Mz	-.019	4
49	MP2C	Y	-43.55	2
50	MP2C	My	.011	2
51	MP2C	Mz	.019	2
52	MP2C	Y	-43.55	4
53	MP2C	My	.011	4
54	MP2C	Mz	.019	4
55	MP2A	Y	-74.7	2.5
56	MP2A	My	.037	2.5
57	MP2A	Mz	0	2.5
58	MP2B	Y	-74.7	2.5
59	MP2B	My	-.019	2.5
60	MP2B	Mz	.032	2.5
61	MP2C	Y	-74.7	2.5
62	MP2C	My	-.019	2.5
63	MP2C	Mz	-.032	2.5
64	MP1A	Y	-70.3	2.5
65	MP1A	My	.035	2.5
66	MP1A	Mz	0	2.5
67	MP1B	Y	-70.3	2.5
68	MP1B	My	-.018	2.5
69	MP1B	Mz	.03	2.5
70	MP1C	Y	-70.3	2.5
71	MP1C	My	-.018	2.5
72	MP1C	Mz	-.03	2.5
73	MP4A	Y	-22.95	.5
74	MP4A	My	-.011	.5
75	MP4A	Mz	0	.5
76	MP4A	Y	-22.95	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP4A	My	-.011	5.5
78	MP4A	Mz	0	5.5
79	MP4B	Y	-22.95	.5
80	MP4B	My	.005	.5
81	MP4B	Mz	-.01	.5
82	MP4B	Y	-22.95	5.5
83	MP4B	My	.005	5.5
84	MP4B	Mz	-.01	5.5
85	MP4C	Y	-22.95	.5
86	MP4C	My	.006	.5
87	MP4C	Mz	.01	.5
88	MP4C	Y	-22.95	5.5
89	MP4C	My	.006	5.5
90	MP4C	Mz	.01	5.5
91	M100	Y	-32	2
92	M100	My	0	2
93	M100	Mz	0	2
94	M102	Y	-32	2
95	M102	My	0	2
96	M102	Mz	0	2

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-84.281	.5
2	MP1A	My	-.042	.5
3	MP1A	Mz	.056	.5
4	MP1A	Y	-84.281	5.5
5	MP1A	My	-.042	5.5
6	MP1A	Mz	.056	5.5
7	MP1B	Y	-84.281	.5
8	MP1B	My	-.028	.5
9	MP1B	Mz	-.065	.5
10	MP1B	Y	-84.281	5.5
11	MP1B	My	-.028	5.5
12	MP1B	Mz	-.065	5.5
13	MP1C	Y	-84.281	.5
14	MP1C	My	.07	.5
15	MP1C	Mz	.008	.5
16	MP1C	Y	-84.281	5.5
17	MP1C	My	.07	5.5
18	MP1C	Mz	.008	5.5
19	MP1A	Y	-84.281	.5
20	MP1A	My	-.042	.5
21	MP1A	Mz	-.056	.5
22	MP1A	Y	-84.281	5.5
23	MP1A	My	-.042	5.5
24	MP1A	Mz	-.056	5.5
25	MP1B	Y	-84.281	.5
26	MP1B	My	.07	.5
27	MP1B	Mz	-.008	.5
28	MP1B	Y	-84.281	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	My	.07	5.5
30	MP1B	Mz	-.008	5.5
31	MP1C	Y	-84.281	.5
32	MP1C	My	-.028	.5
33	MP1C	Mz	.065	.5
34	MP1C	Y	-84.281	5.5
35	MP1C	My	-.028	5.5
36	MP1C	Mz	.065	5.5
37	MP2A	Y	-36.421	2
38	MP2A	My	-.018	2
39	MP2A	Mz	0	2
40	MP2A	Y	-36.421	4
41	MP2A	My	-.018	4
42	MP2A	Mz	0	4
43	MP2B	Y	-36.421	2
44	MP2B	My	.009	2
45	MP2B	Mz	-.016	2
46	MP2B	Y	-36.421	4
47	MP2B	My	.009	4
48	MP2B	Mz	-.016	4
49	MP2C	Y	-36.421	2
50	MP2C	My	.009	2
51	MP2C	Mz	.016	2
52	MP2C	Y	-36.421	4
53	MP2C	My	.009	4
54	MP2C	Mz	.016	4
55	MP2A	Y	-45.933	2.5
56	MP2A	My	.023	2.5
57	MP2A	Mz	0	2.5
58	MP2B	Y	-45.933	2.5
59	MP2B	My	-.011	2.5
60	MP2B	Mz	.02	2.5
61	MP2C	Y	-45.933	2.5
62	MP2C	My	-.011	2.5
63	MP2C	Mz	-.02	2.5
64	MP1A	Y	-43.745	2.5
65	MP1A	My	.022	2.5
66	MP1A	Mz	0	2.5
67	MP1B	Y	-43.745	2.5
68	MP1B	My	-.011	2.5
69	MP1B	Mz	.019	2.5
70	MP1C	Y	-43.745	2.5
71	MP1C	My	-.011	2.5
72	MP1C	Mz	-.019	2.5
73	MP4A	Y	-68.798	.5
74	MP4A	My	-.034	.5
75	MP4A	Mz	0	.5
76	MP4A	Y	-68.798	5.5
77	MP4A	My	-.034	5.5
78	MP4A	Mz	0	5.5
79	MP4B	Y	-68.798	.5
80	MP4B	My	.015	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP4B	Mz	-.031	.5
82	MP4B	Y	-68.798	5.5
83	MP4B	My	.015	5.5
84	MP4B	Mz	-.031	5.5
85	MP4C	Y	-68.798	.5
86	MP4C	My	.017	.5
87	MP4C	Mz	.03	.5
88	MP4C	Y	-68.798	5.5
89	MP4C	My	.017	5.5
90	MP4C	Mz	.03	5.5
91	M100	Y	-89.872	2
92	M100	My	0	2
93	M100	Mz	0	2
94	M102	Y	-77.655	2
95	M102	My	0	2
96	M102	Mz	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	-190.111	.5
3	MP1A	Mx	-.127	.5
4	MP1A	X	0	5.5
5	MP1A	Z	-190.111	5.5
6	MP1A	Mx	-.127	5.5
7	MP1B	X	0	.5
8	MP1B	Z	-153.532	.5
9	MP1B	Mx	.118	.5
10	MP1B	X	0	5.5
11	MP1B	Z	-153.532	5.5
12	MP1B	Mx	.118	5.5
13	MP1C	X	0	.5
14	MP1C	Z	-153.532	.5
15	MP1C	Mx	-.015	.5
16	MP1C	X	0	5.5
17	MP1C	Z	-153.532	5.5
18	MP1C	Mx	-.015	5.5
19	MP1A	X	0	.5
20	MP1A	Z	-190.111	.5
21	MP1A	Mx	.127	.5
22	MP1A	X	0	5.5
23	MP1A	Z	-190.111	5.5
24	MP1A	Mx	.127	5.5
25	MP1B	X	0	.5
26	MP1B	Z	-153.532	.5
27	MP1B	Mx	.015	.5
28	MP1B	X	0	5.5
29	MP1B	Z	-153.532	5.5
30	MP1B	Mx	.015	5.5
31	MP1C	X	0	.5
32	MP1C	Z	-153.532	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	-.118	.5
34	MP1C	X	0	5.5
35	MP1C	Z	-153.532	5.5
36	MP1C	Mx	-.118	5.5
37	MP2A	X	0	2
38	MP2A	Z	-90.529	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	-90.529	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	-49.214	2
45	MP2B	Mx	.021	2
46	MP2B	X	0	4
47	MP2B	Z	-49.214	4
48	MP2B	Mx	.021	4
49	MP2C	X	0	2
50	MP2C	Z	-49.214	2
51	MP2C	Mx	-.021	2
52	MP2C	X	0	4
53	MP2C	Z	-49.214	4
54	MP2C	Mx	-.021	4
55	MP2A	X	0	2.5
56	MP2A	Z	-72.038	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	-54.125	2.5
60	MP2B	Mx	-.023	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	-54.125	2.5
63	MP2C	Mx	.023	2.5
64	MP1A	X	0	2.5
65	MP1A	Z	-72.038	2.5
66	MP1A	Mx	0	2.5
67	MP1B	X	0	2.5
68	MP1B	Z	-50.874	2.5
69	MP1B	Mx	-.022	2.5
70	MP1C	X	0	2.5
71	MP1C	Z	-50.874	2.5
72	MP1C	Mx	.022	2.5
73	MP4A	X	0	.5
74	MP4A	Z	-177.783	.5
75	MP4A	Mx	0	.5
76	MP4A	X	0	5.5
77	MP4A	Z	-177.783	5.5
78	MP4A	Mx	0	5.5
79	MP4B	X	0	.5
80	MP4B	Z	-128.898	.5
81	MP4B	Mx	.058	.5
82	MP4B	X	0	5.5
83	MP4B	Z	-128.898	5.5
84	MP4B	Mx	.058	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP4C	X	0	.5
86	MP4C	Z	-133.147	.5
87	MP4C	Mx	-.058	.5
88	MP4C	X	0	5.5
89	MP4C	Z	-133.147	5.5
90	MP4C	Mx	-.058	5.5
91	M100	X	0	2
92	M100	Z	-147.133	2
93	M100	Mx	0	2
94	M102	X	0	2
95	M102	Z	-133.662	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	88.959	.5
2	MP1A	Z	-154.081	.5
3	MP1A	Mx	-.147	.5
4	MP1A	X	88.959	5.5
5	MP1A	Z	-154.081	5.5
6	MP1A	Mx	-.147	5.5
7	MP1B	X	70.67	.5
8	MP1B	Z	-122.404	.5
9	MP1B	Mx	.071	.5
10	MP1B	X	70.67	5.5
11	MP1B	Z	-122.404	5.5
12	MP1B	Mx	.071	5.5
13	MP1C	X	88.959	.5
14	MP1C	Z	-154.081	.5
15	MP1C	Mx	.058	.5
16	MP1C	X	88.959	5.5
17	MP1C	Z	-154.081	5.5
18	MP1C	Mx	.058	5.5
19	MP1A	X	88.959	.5
20	MP1A	Z	-154.081	.5
21	MP1A	Mx	.058	.5
22	MP1A	X	88.959	5.5
23	MP1A	Z	-154.081	5.5
24	MP1A	Mx	.058	5.5
25	MP1B	X	70.67	.5
26	MP1B	Z	-122.404	.5
27	MP1B	Mx	.071	.5
28	MP1B	X	70.67	5.5
29	MP1B	Z	-122.404	5.5
30	MP1B	Mx	.071	5.5
31	MP1C	X	88.959	.5
32	MP1C	Z	-154.081	.5
33	MP1C	Mx	-.147	.5
34	MP1C	X	88.959	5.5
35	MP1C	Z	-154.081	5.5
36	MP1C	Mx	-.147	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP2A	X	38.379	2
38	MP2A	Z	-66.474	2
39	MP2A	Mx	-.019	2
40	MP2A	X	38.379	4
41	MP2A	Z	-66.474	4
42	MP2A	Mx	-.019	4
43	MP2B	X	17.721	2
44	MP2B	Z	-30.694	2
45	MP2B	Mx	.018	2
46	MP2B	X	17.721	4
47	MP2B	Z	-30.694	4
48	MP2B	Mx	.018	4
49	MP2C	X	38.379	2
50	MP2C	Z	-66.474	2
51	MP2C	Mx	-.019	2
52	MP2C	X	38.379	4
53	MP2C	Z	-66.474	4
54	MP2C	Mx	-.019	4
55	MP2A	X	33.033	2.5
56	MP2A	Z	-57.216	2.5
57	MP2A	Mx	.017	2.5
58	MP2B	X	24.077	2.5
59	MP2B	Z	-41.702	2.5
60	MP2B	Mx	-.024	2.5
61	MP2C	X	33.033	2.5
62	MP2C	Z	-57.216	2.5
63	MP2C	Mx	.017	2.5
64	MP1A	X	32.492	2.5
65	MP1A	Z	-56.277	2.5
66	MP1A	Mx	.016	2.5
67	MP1B	X	21.91	2.5
68	MP1B	Z	-37.949	2.5
69	MP1B	Mx	-.022	2.5
70	MP1C	X	32.492	2.5
71	MP1C	Z	-56.277	2.5
72	MP1C	Mx	.016	2.5
73	MP4A	X	81.452	.5
74	MP4A	Z	-141.079	.5
75	MP4A	Mx	-.041	.5
76	MP4A	X	81.452	5.5
77	MP4A	Z	-141.079	5.5
78	MP4A	Mx	-.041	5.5
79	MP4B	X	59.36	.5
80	MP4B	Z	-102.815	.5
81	MP4B	Mx	.059	.5
82	MP4B	X	59.36	5.5
83	MP4B	Z	-102.815	5.5
84	MP4B	Mx	.059	5.5
85	MP4C	X	81.452	.5
86	MP4C	Z	-141.079	.5
87	MP4C	Mx	-.041	.5
88	MP4C	X	81.452	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP4C	Z	-141.079	5.5
90	MP4C	Mx	-.041	5.5
91	M100	X	64.297	2
92	M100	Z	-111.366	2
93	M100	Mx	0	2
94	M102	X	54.491	2
95	M102	Z	-94.381	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	132.963	.5
2	MP1A	Z	-76.766	.5
3	MP1A	Mx	-.118	.5
4	MP1A	X	132.963	5.5
5	MP1A	Z	-76.766	5.5
6	MP1A	Mx	-.118	5.5
7	MP1B	X	132.963	.5
8	MP1B	Z	-76.766	.5
9	MP1B	Mx	.015	.5
10	MP1B	X	132.963	5.5
11	MP1B	Z	-76.766	5.5
12	MP1B	Mx	.015	5.5
13	MP1C	X	164.641	.5
14	MP1C	Z	-95.055	.5
15	MP1C	Mx	.127	.5
16	MP1C	X	164.641	5.5
17	MP1C	Z	-95.055	5.5
18	MP1C	Mx	.127	5.5
19	MP1A	X	132.963	.5
20	MP1A	Z	-76.766	.5
21	MP1A	Mx	-.015	.5
22	MP1A	X	132.963	5.5
23	MP1A	Z	-76.766	5.5
24	MP1A	Mx	-.015	5.5
25	MP1B	X	132.963	.5
26	MP1B	Z	-76.766	.5
27	MP1B	Mx	.118	.5
28	MP1B	X	132.963	5.5
29	MP1B	Z	-76.766	5.5
30	MP1B	Mx	.118	5.5
31	MP1C	X	164.641	.5
32	MP1C	Z	-95.055	.5
33	MP1C	Mx	-.127	.5
34	MP1C	X	164.641	5.5
35	MP1C	Z	-95.055	5.5
36	MP1C	Mx	-.127	5.5
37	MP2A	X	42.62	2
38	MP2A	Z	-24.607	2
39	MP2A	Mx	-.021	2
40	MP2A	X	42.62	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	-24.607	4
42	MP2A	Mx	-.021	4
43	MP2B	X	42.62	2
44	MP2B	Z	-24.607	2
45	MP2B	Mx	.021	2
46	MP2B	X	42.62	4
47	MP2B	Z	-24.607	4
48	MP2B	Mx	.021	4
49	MP2C	X	78.4	2
50	MP2C	Z	-45.264	2
51	MP2C	Mx	0	2
52	MP2C	X	78.4	4
53	MP2C	Z	-45.264	4
54	MP2C	Mx	0	4
55	MP2A	X	46.873	2.5
56	MP2A	Z	-27.062	2.5
57	MP2A	Mx	.023	2.5
58	MP2B	X	46.873	2.5
59	MP2B	Z	-27.062	2.5
60	MP2B	Mx	-.023	2.5
61	MP2C	X	62.387	2.5
62	MP2C	Z	-36.019	2.5
63	MP2C	Mx	0	2.5
64	MP1A	X	44.058	2.5
65	MP1A	Z	-25.437	2.5
66	MP1A	Mx	.022	2.5
67	MP1B	X	44.058	2.5
68	MP1B	Z	-25.437	2.5
69	MP1B	Mx	-.022	2.5
70	MP1C	X	62.387	2.5
71	MP1C	Z	-36.019	2.5
72	MP1C	Mx	0	2.5
73	MP4A	X	115.309	.5
74	MP4A	Z	-66.573	.5
75	MP4A	Mx	-.058	.5
76	MP4A	X	115.309	5.5
77	MP4A	Z	-66.573	5.5
78	MP4A	Mx	-.058	5.5
79	MP4B	X	119.38	.5
80	MP4B	Z	-68.924	.5
81	MP4B	Mx	.056	.5
82	MP4B	X	119.38	5.5
83	MP4B	Z	-68.924	5.5
84	MP4B	Mx	.056	5.5
85	MP4C	X	153.965	.5
86	MP4C	Z	-88.892	.5
87	MP4C	Mx	0	.5
88	MP4C	X	153.965	5.5
89	MP4C	Z	-88.892	5.5
90	MP4C	Mx	0	5.5
91	M100	X	103.338	2
92	M100	Z	-59.662	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	M100	Mx	0	2
94	M102	X	83.694	2
95	M102	Z	-48.321	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	141.34	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	-.071	.5
4	MP1A	X	141.34	5.5
5	MP1A	Z	0	5.5
6	MP1A	Mx	-.071	5.5
7	MP1B	X	177.918	.5
8	MP1B	Z	0	.5
9	MP1B	Mx	-.058	.5
10	MP1B	X	177.918	5.5
11	MP1B	Z	0	5.5
12	MP1B	Mx	-.058	5.5
13	MP1C	X	177.918	.5
14	MP1C	Z	0	.5
15	MP1C	Mx	.147	.5
16	MP1C	X	177.918	5.5
17	MP1C	Z	0	5.5
18	MP1C	Mx	.147	5.5
19	MP1A	X	141.34	.5
20	MP1A	Z	0	.5
21	MP1A	Mx	-.071	.5
22	MP1A	X	141.34	5.5
23	MP1A	Z	0	5.5
24	MP1A	Mx	-.071	5.5
25	MP1B	X	177.918	.5
26	MP1B	Z	0	.5
27	MP1B	Mx	.147	.5
28	MP1B	X	177.918	5.5
29	MP1B	Z	0	5.5
30	MP1B	Mx	.147	5.5
31	MP1C	X	177.918	.5
32	MP1C	Z	0	.5
33	MP1C	Mx	-.058	.5
34	MP1C	X	177.918	5.5
35	MP1C	Z	0	5.5
36	MP1C	Mx	-.058	5.5
37	MP2A	X	35.442	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.018	2
40	MP2A	X	35.442	4
41	MP2A	Z	0	4
42	MP2A	Mx	-.018	4
43	MP2B	X	76.757	2
44	MP2B	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP2B	Mx	.019	2
46	MP2B	X	76.757	4
47	MP2B	Z	0	4
48	MP2B	Mx	.019	4
49	MP2C	X	76.757	2
50	MP2C	Z	0	2
51	MP2C	Mx	.019	2
52	MP2C	X	76.757	4
53	MP2C	Z	0	4
54	MP2C	Mx	.019	4
55	MP2A	X	48.154	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	.024	2.5
58	MP2B	X	66.067	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	-.017	2.5
61	MP2C	X	66.067	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	-.017	2.5
64	MP1A	X	43.82	2.5
65	MP1A	Z	0	2.5
66	MP1A	Mx	.022	2.5
67	MP1B	X	64.983	2.5
68	MP1B	Z	0	2.5
69	MP1B	Mx	-.016	2.5
70	MP1C	X	64.983	2.5
71	MP1C	Z	0	2.5
72	MP1C	Mx	-.016	2.5
73	MP4A	X	118.268	.5
74	MP4A	Z	0	.5
75	MP4A	Mx	-.059	.5
76	MP4A	X	118.268	5.5
77	MP4A	Z	0	5.5
78	MP4A	Mx	-.059	5.5
79	MP4B	X	167.153	.5
80	MP4B	Z	0	.5
81	MP4B	Mx	.035	.5
82	MP4B	X	167.153	5.5
83	MP4B	Z	0	5.5
84	MP4B	Mx	.035	5.5
85	MP4C	X	162.904	.5
86	MP4C	Z	0	.5
87	MP4C	Mx	.041	.5
88	MP4C	X	162.904	5.5
89	MP4C	Z	0	5.5
90	MP4C	Mx	.041	5.5
91	M100	X	128.594	2
92	M100	Z	0	2
93	M100	Mx	0	2
94	M102	X	108.982	2
95	M102	Z	0	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	132.963	.5
2	MP1A	Z	76.766	.5
3	MP1A	Mx	-.015	.5
4	MP1A	X	132.963	5.5
5	MP1A	Z	76.766	5.5
6	MP1A	Mx	-.015	5.5
7	MP1B	X	164.641	.5
8	MP1B	Z	95.055	.5
9	MP1B	Mx	-.127	.5
10	MP1B	X	164.641	5.5
11	MP1B	Z	95.055	5.5
12	MP1B	Mx	-.127	5.5
13	MP1C	X	132.963	.5
14	MP1C	Z	76.766	.5
15	MP1C	Mx	.118	.5
16	MP1C	X	132.963	5.5
17	MP1C	Z	76.766	5.5
18	MP1C	Mx	.118	5.5
19	MP1A	X	132.963	.5
20	MP1A	Z	76.766	.5
21	MP1A	Mx	-.118	.5
22	MP1A	X	132.963	5.5
23	MP1A	Z	76.766	5.5
24	MP1A	Mx	-.118	5.5
25	MP1B	X	164.641	.5
26	MP1B	Z	95.055	.5
27	MP1B	Mx	.127	.5
28	MP1B	X	164.641	5.5
29	MP1B	Z	95.055	5.5
30	MP1B	Mx	.127	5.5
31	MP1C	X	132.963	.5
32	MP1C	Z	76.766	.5
33	MP1C	Mx	.015	.5
34	MP1C	X	132.963	5.5
35	MP1C	Z	76.766	5.5
36	MP1C	Mx	.015	5.5
37	MP2A	X	42.62	2
38	MP2A	Z	24.607	2
39	MP2A	Mx	-.021	2
40	MP2A	X	42.62	4
41	MP2A	Z	24.607	4
42	MP2A	Mx	-.021	4
43	MP2B	X	78.4	2
44	MP2B	Z	45.264	2
45	MP2B	Mx	0	2
46	MP2B	X	78.4	4
47	MP2B	Z	45.264	4
48	MP2B	Mx	0	4
49	MP2C	X	42.62	2
50	MP2C	Z	24.607	2
51	MP2C	Mx	.021	2
52	MP2C	X	42.62	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	24.607	4
54	MP2C	Mx	.021	4
55	MP2A	X	46.873	2.5
56	MP2A	Z	27.062	2.5
57	MP2A	Mx	.023	2.5
58	MP2B	X	62.387	2.5
59	MP2B	Z	36.019	2.5
60	MP2B	Mx	0	2.5
61	MP2C	X	46.873	2.5
62	MP2C	Z	27.062	2.5
63	MP2C	Mx	-.023	2.5
64	MP1A	X	44.058	2.5
65	MP1A	Z	25.437	2.5
66	MP1A	Mx	.022	2.5
67	MP1B	X	62.387	2.5
68	MP1B	Z	36.019	2.5
69	MP1B	Mx	0	2.5
70	MP1C	X	44.058	2.5
71	MP1C	Z	25.437	2.5
72	MP1C	Mx	-.022	2.5
73	MP4A	X	115.309	.5
74	MP4A	Z	66.573	.5
75	MP4A	Mx	-.058	.5
76	MP4A	X	115.309	5.5
77	MP4A	Z	66.573	5.5
78	MP4A	Mx	-.058	5.5
79	MP4B	X	153.573	.5
80	MP4B	Z	88.666	.5
81	MP4B	Mx	-.008	.5
82	MP4B	X	153.573	5.5
83	MP4B	Z	88.666	5.5
84	MP4B	Mx	-.008	5.5
85	MP4C	X	115.309	.5
86	MP4C	Z	66.573	.5
87	MP4C	Mx	.058	.5
88	MP4C	X	115.309	5.5
89	MP4C	Z	66.573	5.5
90	MP4C	Mx	.058	5.5
91	M100	X	127.421	2
92	M100	Z	73.567	2
93	M100	Mx	0	2
94	M102	X	115.754	2
95	M102	Z	66.831	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	88.959	.5
2	MP1A	Z	154.081	.5
3	MP1A	Mx	.058	.5
4	MP1A	X	88.959	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1A	Z	154.081	5.5
6	MP1A	Mx	.058	5.5
7	MP1B	X	88.959	.5
8	MP1B	Z	154.081	.5
9	MP1B	Mx	-.147	.5
10	MP1B	X	88.959	5.5
11	MP1B	Z	154.081	5.5
12	MP1B	Mx	-.147	5.5
13	MP1C	X	70.67	.5
14	MP1C	Z	122.404	.5
15	MP1C	Mx	.071	.5
16	MP1C	X	70.67	5.5
17	MP1C	Z	122.404	5.5
18	MP1C	Mx	.071	5.5
19	MP1A	X	88.959	.5
20	MP1A	Z	154.081	.5
21	MP1A	Mx	-.147	.5
22	MP1A	X	88.959	5.5
23	MP1A	Z	154.081	5.5
24	MP1A	Mx	-.147	5.5
25	MP1B	X	88.959	.5
26	MP1B	Z	154.081	.5
27	MP1B	Mx	.058	.5
28	MP1B	X	88.959	5.5
29	MP1B	Z	154.081	5.5
30	MP1B	Mx	.058	5.5
31	MP1C	X	70.67	.5
32	MP1C	Z	122.404	.5
33	MP1C	Mx	.071	.5
34	MP1C	X	70.67	5.5
35	MP1C	Z	122.404	5.5
36	MP1C	Mx	.071	5.5
37	MP2A	X	38.379	2
38	MP2A	Z	66.474	2
39	MP2A	Mx	-.019	2
40	MP2A	X	38.379	4
41	MP2A	Z	66.474	4
42	MP2A	Mx	-.019	4
43	MP2B	X	38.379	2
44	MP2B	Z	66.474	2
45	MP2B	Mx	-.019	2
46	MP2B	X	38.379	4
47	MP2B	Z	66.474	4
48	MP2B	Mx	-.019	4
49	MP2C	X	17.721	2
50	MP2C	Z	30.694	2
51	MP2C	Mx	.018	2
52	MP2C	X	17.721	4
53	MP2C	Z	30.694	4
54	MP2C	Mx	.018	4
55	MP2A	X	33.033	2.5
56	MP2A	Z	57.216	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP2A	Mx	.017	2.5
58	MP2B	X	33.033	2.5
59	MP2B	Z	57.216	2.5
60	MP2B	Mx	.017	2.5
61	MP2C	X	24.077	2.5
62	MP2C	Z	41.702	2.5
63	MP2C	Mx	-.024	2.5
64	MP1A	X	32.492	2.5
65	MP1A	Z	56.277	2.5
66	MP1A	Mx	.016	2.5
67	MP1B	X	32.492	2.5
68	MP1B	Z	56.277	2.5
69	MP1B	Mx	.016	2.5
70	MP1C	X	21.91	2.5
71	MP1C	Z	37.949	2.5
72	MP1C	Mx	-.022	2.5
73	MP4A	X	81.452	.5
74	MP4A	Z	141.079	.5
75	MP4A	Mx	-.041	.5
76	MP4A	X	81.452	5.5
77	MP4A	Z	141.079	5.5
78	MP4A	Mx	-.041	5.5
79	MP4B	X	79.102	.5
80	MP4B	Z	137.008	.5
81	MP4B	Mx	-.045	.5
82	MP4B	X	79.102	5.5
83	MP4B	Z	137.008	5.5
84	MP4B	Mx	-.045	5.5
85	MP4C	X	59.134	.5
86	MP4C	Z	102.423	.5
87	MP4C	Mx	.059	.5
88	MP4C	X	59.134	5.5
89	MP4C	Z	102.423	5.5
90	MP4C	Mx	.059	5.5
91	M100	X	78.201	2
92	M100	Z	135.449	2
93	M100	Mx	0	2
94	M102	X	73.001	2
95	M102	Z	126.441	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	190.111	.5
3	MP1A	Mx	.127	.5
4	MP1A	X	0	5.5
5	MP1A	Z	190.111	5.5
6	MP1A	Mx	.127	5.5
7	MP1B	X	0	.5
8	MP1B	Z	153.532	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1B	Mx	-.118	.5
10	MP1B	X	0	5.5
11	MP1B	Z	153.532	5.5
12	MP1B	Mx	-.118	5.5
13	MP1C	X	0	.5
14	MP1C	Z	153.532	.5
15	MP1C	Mx	.015	.5
16	MP1C	X	0	5.5
17	MP1C	Z	153.532	5.5
18	MP1C	Mx	.015	5.5
19	MP1A	X	0	.5
20	MP1A	Z	190.111	.5
21	MP1A	Mx	-.127	.5
22	MP1A	X	0	5.5
23	MP1A	Z	190.111	5.5
24	MP1A	Mx	-.127	5.5
25	MP1B	X	0	.5
26	MP1B	Z	153.532	.5
27	MP1B	Mx	-.015	.5
28	MP1B	X	0	5.5
29	MP1B	Z	153.532	5.5
30	MP1B	Mx	-.015	5.5
31	MP1C	X	0	.5
32	MP1C	Z	153.532	.5
33	MP1C	Mx	.118	.5
34	MP1C	X	0	5.5
35	MP1C	Z	153.532	5.5
36	MP1C	Mx	.118	5.5
37	MP2A	X	0	2
38	MP2A	Z	90.529	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	90.529	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	49.214	2
45	MP2B	Mx	-.021	2
46	MP2B	X	0	4
47	MP2B	Z	49.214	4
48	MP2B	Mx	-.021	4
49	MP2C	X	0	2
50	MP2C	Z	49.214	2
51	MP2C	Mx	.021	2
52	MP2C	X	0	4
53	MP2C	Z	49.214	4
54	MP2C	Mx	.021	4
55	MP2A	X	0	2.5
56	MP2A	Z	72.038	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	54.125	2.5
60	MP2B	Mx	.023	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2C	X	0	2.5
62	MP2C	Z	54.125	2.5
63	MP2C	Mx	-.023	2.5
64	MP1A	X	0	2.5
65	MP1A	Z	72.038	2.5
66	MP1A	Mx	0	2.5
67	MP1B	X	0	2.5
68	MP1B	Z	50.874	2.5
69	MP1B	Mx	.022	2.5
70	MP1C	X	0	2.5
71	MP1C	Z	50.874	2.5
72	MP1C	Mx	-.022	2.5
73	MP4A	X	0	.5
74	MP4A	Z	177.783	.5
75	MP4A	Mx	0	.5
76	MP4A	X	0	5.5
77	MP4A	Z	177.783	5.5
78	MP4A	Mx	0	5.5
79	MP4B	X	0	.5
80	MP4B	Z	128.898	.5
81	MP4B	Mx	-.058	.5
82	MP4B	X	0	5.5
83	MP4B	Z	128.898	5.5
84	MP4B	Mx	-.058	5.5
85	MP4C	X	0	.5
86	MP4C	Z	133.147	.5
87	MP4C	Mx	.058	.5
88	MP4C	X	0	5.5
89	MP4C	Z	133.147	5.5
90	MP4C	Mx	.058	5.5
91	M100	X	0	2
92	M100	Z	147.133	2
93	M100	Mx	0	2
94	M102	X	0	2
95	M102	Z	133.662	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-88.959	.5
2	MP1A	Z	154.081	.5
3	MP1A	Mx	.147	.5
4	MP1A	X	-88.959	5.5
5	MP1A	Z	154.081	5.5
6	MP1A	Mx	.147	5.5
7	MP1B	X	-70.67	.5
8	MP1B	Z	122.404	.5
9	MP1B	Mx	-.071	.5
10	MP1B	X	-70.67	5.5
11	MP1B	Z	122.404	5.5
12	MP1B	Mx	-.071	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1C	X	-88.959	.5
14	MP1C	Z	154.081	.5
15	MP1C	Mx	-.058	.5
16	MP1C	X	-88.959	5.5
17	MP1C	Z	154.081	5.5
18	MP1C	Mx	-.058	5.5
19	MP1A	X	-88.959	.5
20	MP1A	Z	154.081	.5
21	MP1A	Mx	-.058	.5
22	MP1A	X	-88.959	5.5
23	MP1A	Z	154.081	5.5
24	MP1A	Mx	-.058	5.5
25	MP1B	X	-70.67	.5
26	MP1B	Z	122.404	.5
27	MP1B	Mx	-.071	.5
28	MP1B	X	-70.67	5.5
29	MP1B	Z	122.404	5.5
30	MP1B	Mx	-.071	5.5
31	MP1C	X	-88.959	.5
32	MP1C	Z	154.081	.5
33	MP1C	Mx	.147	.5
34	MP1C	X	-88.959	5.5
35	MP1C	Z	154.081	5.5
36	MP1C	Mx	.147	5.5
37	MP2A	X	-38.379	2
38	MP2A	Z	66.474	2
39	MP2A	Mx	.019	2
40	MP2A	X	-38.379	4
41	MP2A	Z	66.474	4
42	MP2A	Mx	.019	4
43	MP2B	X	-17.721	2
44	MP2B	Z	30.694	2
45	MP2B	Mx	-.018	2
46	MP2B	X	-17.721	4
47	MP2B	Z	30.694	4
48	MP2B	Mx	-.018	4
49	MP2C	X	-38.379	2
50	MP2C	Z	66.474	2
51	MP2C	Mx	.019	2
52	MP2C	X	-38.379	4
53	MP2C	Z	66.474	4
54	MP2C	Mx	.019	4
55	MP2A	X	-33.033	2.5
56	MP2A	Z	57.216	2.5
57	MP2A	Mx	-.017	2.5
58	MP2B	X	-24.077	2.5
59	MP2B	Z	41.702	2.5
60	MP2B	Mx	.024	2.5
61	MP2C	X	-33.033	2.5
62	MP2C	Z	57.216	2.5
63	MP2C	Mx	-.017	2.5
64	MP1A	X	-32.492	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP1A	Z	56.277	2.5
66	MP1A	Mx	-.016	2.5
67	MP1B	X	-21.91	2.5
68	MP1B	Z	37.949	2.5
69	MP1B	Mx	.022	2.5
70	MP1C	X	-32.492	2.5
71	MP1C	Z	56.277	2.5
72	MP1C	Mx	-.016	2.5
73	MP4A	X	-81.452	.5
74	MP4A	Z	141.079	.5
75	MP4A	Mx	.041	.5
76	MP4A	X	-81.452	5.5
77	MP4A	Z	141.079	5.5
78	MP4A	Mx	.041	5.5
79	MP4B	X	-59.36	.5
80	MP4B	Z	102.815	.5
81	MP4B	Mx	-.059	.5
82	MP4B	X	-59.36	5.5
83	MP4B	Z	102.815	5.5
84	MP4B	Mx	-.059	5.5
85	MP4C	X	-81.452	.5
86	MP4C	Z	141.079	.5
87	MP4C	Mx	.041	.5
88	MP4C	X	-81.452	5.5
89	MP4C	Z	141.079	5.5
90	MP4C	Mx	.041	5.5
91	M100	X	-64.297	2
92	M100	Z	111.366	2
93	M100	Mx	0	2
94	M102	X	-54.491	2
95	M102	Z	94.381	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-132.963	.5
2	MP1A	Z	76.766	.5
3	MP1A	Mx	.118	.5
4	MP1A	X	-132.963	5.5
5	MP1A	Z	76.766	5.5
6	MP1A	Mx	.118	5.5
7	MP1B	X	-132.963	.5
8	MP1B	Z	76.766	.5
9	MP1B	Mx	-.015	.5
10	MP1B	X	-132.963	5.5
11	MP1B	Z	76.766	5.5
12	MP1B	Mx	-.015	5.5
13	MP1C	X	-164.641	.5
14	MP1C	Z	95.055	.5
15	MP1C	Mx	-.127	.5
16	MP1C	X	-164.641	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1C	Z	95.055	5.5
18	MP1C	Mx	-.127	5.5
19	MP1A	X	-132.963	.5
20	MP1A	Z	76.766	.5
21	MP1A	Mx	.015	.5
22	MP1A	X	-132.963	5.5
23	MP1A	Z	76.766	5.5
24	MP1A	Mx	.015	5.5
25	MP1B	X	-132.963	.5
26	MP1B	Z	76.766	.5
27	MP1B	Mx	-.118	.5
28	MP1B	X	-132.963	5.5
29	MP1B	Z	76.766	5.5
30	MP1B	Mx	-.118	5.5
31	MP1C	X	-164.641	.5
32	MP1C	Z	95.055	.5
33	MP1C	Mx	.127	.5
34	MP1C	X	-164.641	5.5
35	MP1C	Z	95.055	5.5
36	MP1C	Mx	.127	5.5
37	MP2A	X	-42.62	2
38	MP2A	Z	24.607	2
39	MP2A	Mx	.021	2
40	MP2A	X	-42.62	4
41	MP2A	Z	24.607	4
42	MP2A	Mx	.021	4
43	MP2B	X	-42.62	2
44	MP2B	Z	24.607	2
45	MP2B	Mx	-.021	2
46	MP2B	X	-42.62	4
47	MP2B	Z	24.607	4
48	MP2B	Mx	-.021	4
49	MP2C	X	-78.4	2
50	MP2C	Z	45.264	2
51	MP2C	Mx	0	2
52	MP2C	X	-78.4	4
53	MP2C	Z	45.264	4
54	MP2C	Mx	0	4
55	MP2A	X	-46.873	2.5
56	MP2A	Z	27.062	2.5
57	MP2A	Mx	-.023	2.5
58	MP2B	X	-46.873	2.5
59	MP2B	Z	27.062	2.5
60	MP2B	Mx	.023	2.5
61	MP2C	X	-62.387	2.5
62	MP2C	Z	36.019	2.5
63	MP2C	Mx	0	2.5
64	MP1A	X	-44.058	2.5
65	MP1A	Z	25.437	2.5
66	MP1A	Mx	-.022	2.5
67	MP1B	X	-44.058	2.5
68	MP1B	Z	25.437	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1B	Mx	.022	2.5
70	MP1C	X	-62.387	2.5
71	MP1C	Z	36.019	2.5
72	MP1C	Mx	0	2.5
73	MP4A	X	-115.309	.5
74	MP4A	Z	66.573	.5
75	MP4A	Mx	.058	.5
76	MP4A	X	-115.309	5.5
77	MP4A	Z	66.573	5.5
78	MP4A	Mx	.058	5.5
79	MP4B	X	-119.38	.5
80	MP4B	Z	68.924	.5
81	MP4B	Mx	-.056	.5
82	MP4B	X	-119.38	5.5
83	MP4B	Z	68.924	5.5
84	MP4B	Mx	-.056	5.5
85	MP4C	X	-153.965	.5
86	MP4C	Z	88.892	.5
87	MP4C	Mx	0	.5
88	MP4C	X	-153.965	5.5
89	MP4C	Z	88.892	5.5
90	MP4C	Mx	0	5.5
91	M100	X	-103.338	2
92	M100	Z	59.662	2
93	M100	Mx	0	2
94	M102	X	-83.694	2
95	M102	Z	48.321	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-141.34	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	.071	.5
4	MP1A	X	-141.34	5.5
5	MP1A	Z	0	5.5
6	MP1A	Mx	.071	5.5
7	MP1B	X	-177.918	.5
8	MP1B	Z	0	.5
9	MP1B	Mx	.058	.5
10	MP1B	X	-177.918	5.5
11	MP1B	Z	0	5.5
12	MP1B	Mx	.058	5.5
13	MP1C	X	-177.918	.5
14	MP1C	Z	0	.5
15	MP1C	Mx	-.147	.5
16	MP1C	X	-177.918	5.5
17	MP1C	Z	0	5.5
18	MP1C	Mx	-.147	5.5
19	MP1A	X	-141.34	.5
20	MP1A	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP1A	Mx	.071	.5
22	MP1A	X	-141.34	5.5
23	MP1A	Z	0	5.5
24	MP1A	Mx	.071	5.5
25	MP1B	X	-177.918	.5
26	MP1B	Z	0	.5
27	MP1B	Mx	-.147	.5
28	MP1B	X	-177.918	5.5
29	MP1B	Z	0	5.5
30	MP1B	Mx	-.147	5.5
31	MP1C	X	-177.918	.5
32	MP1C	Z	0	.5
33	MP1C	Mx	.058	.5
34	MP1C	X	-177.918	5.5
35	MP1C	Z	0	5.5
36	MP1C	Mx	.058	5.5
37	MP2A	X	-35.442	2
38	MP2A	Z	0	2
39	MP2A	Mx	.018	2
40	MP2A	X	-35.442	4
41	MP2A	Z	0	4
42	MP2A	Mx	.018	4
43	MP2B	X	-76.757	2
44	MP2B	Z	0	2
45	MP2B	Mx	-.019	2
46	MP2B	X	-76.757	4
47	MP2B	Z	0	4
48	MP2B	Mx	-.019	4
49	MP2C	X	-76.757	2
50	MP2C	Z	0	2
51	MP2C	Mx	-.019	2
52	MP2C	X	-76.757	4
53	MP2C	Z	0	4
54	MP2C	Mx	-.019	4
55	MP2A	X	-48.154	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	-.024	2.5
58	MP2B	X	-66.067	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	.017	2.5
61	MP2C	X	-66.067	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	.017	2.5
64	MP1A	X	-43.82	2.5
65	MP1A	Z	0	2.5
66	MP1A	Mx	-.022	2.5
67	MP1B	X	-64.983	2.5
68	MP1B	Z	0	2.5
69	MP1B	Mx	.016	2.5
70	MP1C	X	-64.983	2.5
71	MP1C	Z	0	2.5
72	MP1C	Mx	.016	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4A	X	-118.268	.5
74	MP4A	Z	0	.5
75	MP4A	Mx	.059	.5
76	MP4A	X	-118.268	5.5
77	MP4A	Z	0	5.5
78	MP4A	Mx	.059	5.5
79	MP4B	X	-167.153	.5
80	MP4B	Z	0	.5
81	MP4B	Mx	-.035	.5
82	MP4B	X	-167.153	5.5
83	MP4B	Z	0	5.5
84	MP4B	Mx	-.035	5.5
85	MP4C	X	-162.904	.5
86	MP4C	Z	0	.5
87	MP4C	Mx	-.041	.5
88	MP4C	X	-162.904	5.5
89	MP4C	Z	0	5.5
90	MP4C	Mx	-.041	5.5
91	M100	X	-128.594	2
92	M100	Z	0	2
93	M100	Mx	0	2
94	M102	X	-108.982	2
95	M102	Z	0	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-132.963	.5
2	MP1A	Z	-76.766	.5
3	MP1A	Mx	.015	.5
4	MP1A	X	-132.963	5.5
5	MP1A	Z	-76.766	5.5
6	MP1A	Mx	.015	5.5
7	MP1B	X	-164.641	.5
8	MP1B	Z	-95.055	.5
9	MP1B	Mx	.127	.5
10	MP1B	X	-164.641	5.5
11	MP1B	Z	-95.055	5.5
12	MP1B	Mx	.127	5.5
13	MP1C	X	-132.963	.5
14	MP1C	Z	-76.766	.5
15	MP1C	Mx	-.118	.5
16	MP1C	X	-132.963	5.5
17	MP1C	Z	-76.766	5.5
18	MP1C	Mx	-.118	5.5
19	MP1A	X	-132.963	.5
20	MP1A	Z	-76.766	.5
21	MP1A	Mx	.118	.5
22	MP1A	X	-132.963	5.5
23	MP1A	Z	-76.766	5.5
24	MP1A	Mx	.118	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1B	X	-164.641	.5
26	MP1B	Z	-95.055	.5
27	MP1B	Mx	-.127	.5
28	MP1B	X	-164.641	5.5
29	MP1B	Z	-95.055	5.5
30	MP1B	Mx	-.127	5.5
31	MP1C	X	-132.963	.5
32	MP1C	Z	-76.766	.5
33	MP1C	Mx	-.015	.5
34	MP1C	X	-132.963	5.5
35	MP1C	Z	-76.766	5.5
36	MP1C	Mx	-.015	5.5
37	MP2A	X	-42.62	2
38	MP2A	Z	-24.607	2
39	MP2A	Mx	.021	2
40	MP2A	X	-42.62	4
41	MP2A	Z	-24.607	4
42	MP2A	Mx	.021	4
43	MP2B	X	-78.4	2
44	MP2B	Z	-45.264	2
45	MP2B	Mx	0	2
46	MP2B	X	-78.4	4
47	MP2B	Z	-45.264	4
48	MP2B	Mx	0	4
49	MP2C	X	-42.62	2
50	MP2C	Z	-24.607	2
51	MP2C	Mx	-.021	2
52	MP2C	X	-42.62	4
53	MP2C	Z	-24.607	4
54	MP2C	Mx	-.021	4
55	MP2A	X	-46.873	2.5
56	MP2A	Z	-27.062	2.5
57	MP2A	Mx	-.023	2.5
58	MP2B	X	-62.387	2.5
59	MP2B	Z	-36.019	2.5
60	MP2B	Mx	0	2.5
61	MP2C	X	-46.873	2.5
62	MP2C	Z	-27.062	2.5
63	MP2C	Mx	.023	2.5
64	MP1A	X	-44.058	2.5
65	MP1A	Z	-25.437	2.5
66	MP1A	Mx	-.022	2.5
67	MP1B	X	-62.387	2.5
68	MP1B	Z	-36.019	2.5
69	MP1B	Mx	0	2.5
70	MP1C	X	-44.058	2.5
71	MP1C	Z	-25.437	2.5
72	MP1C	Mx	.022	2.5
73	MP4A	X	-115.309	.5
74	MP4A	Z	-66.573	.5
75	MP4A	Mx	.058	.5
76	MP4A	X	-115.309	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP4A	Z	-66.573	5.5
78	MP4A	Mx	.058	5.5
79	MP4B	X	-153.573	.5
80	MP4B	Z	-88.666	.5
81	MP4B	Mx	.008	.5
82	MP4B	X	-153.573	5.5
83	MP4B	Z	-88.666	5.5
84	MP4B	Mx	.008	5.5
85	MP4C	X	-115.309	.5
86	MP4C	Z	-66.573	.5
87	MP4C	Mx	-.058	.5
88	MP4C	X	-115.309	5.5
89	MP4C	Z	-66.573	5.5
90	MP4C	Mx	-.058	5.5
91	M100	X	-127.421	2
92	M100	Z	-73.567	2
93	M100	Mx	0	2
94	M102	X	-115.754	2
95	M102	Z	-66.831	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-88.959	.5
2	MP1A	Z	-154.081	.5
3	MP1A	Mx	-.058	.5
4	MP1A	X	-88.959	5.5
5	MP1A	Z	-154.081	5.5
6	MP1A	Mx	-.058	5.5
7	MP1B	X	-88.959	.5
8	MP1B	Z	-154.081	.5
9	MP1B	Mx	.147	.5
10	MP1B	X	-88.959	5.5
11	MP1B	Z	-154.081	5.5
12	MP1B	Mx	.147	5.5
13	MP1C	X	-70.67	.5
14	MP1C	Z	-122.404	.5
15	MP1C	Mx	-.071	.5
16	MP1C	X	-70.67	5.5
17	MP1C	Z	-122.404	5.5
18	MP1C	Mx	-.071	5.5
19	MP1A	X	-88.959	.5
20	MP1A	Z	-154.081	.5
21	MP1A	Mx	.147	.5
22	MP1A	X	-88.959	5.5
23	MP1A	Z	-154.081	5.5
24	MP1A	Mx	.147	5.5
25	MP1B	X	-88.959	.5
26	MP1B	Z	-154.081	.5
27	MP1B	Mx	-.058	.5
28	MP1B	X	-88.959	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	Z	-154.081	5.5
30	MP1B	Mx	-.058	5.5
31	MP1C	X	-70.67	.5
32	MP1C	Z	-122.404	.5
33	MP1C	Mx	-.071	.5
34	MP1C	X	-70.67	5.5
35	MP1C	Z	-122.404	5.5
36	MP1C	Mx	-.071	5.5
37	MP2A	X	-38.379	2
38	MP2A	Z	-66.474	2
39	MP2A	Mx	.019	2
40	MP2A	X	-38.379	4
41	MP2A	Z	-66.474	4
42	MP2A	Mx	.019	4
43	MP2B	X	-38.379	2
44	MP2B	Z	-66.474	2
45	MP2B	Mx	.019	2
46	MP2B	X	-38.379	4
47	MP2B	Z	-66.474	4
48	MP2B	Mx	.019	4
49	MP2C	X	-17.721	2
50	MP2C	Z	-30.694	2
51	MP2C	Mx	-.018	2
52	MP2C	X	-17.721	4
53	MP2C	Z	-30.694	4
54	MP2C	Mx	-.018	4
55	MP2A	X	-33.033	2.5
56	MP2A	Z	-57.216	2.5
57	MP2A	Mx	-.017	2.5
58	MP2B	X	-33.033	2.5
59	MP2B	Z	-57.216	2.5
60	MP2B	Mx	-.017	2.5
61	MP2C	X	-24.077	2.5
62	MP2C	Z	-41.702	2.5
63	MP2C	Mx	.024	2.5
64	MP1A	X	-32.492	2.5
65	MP1A	Z	-56.277	2.5
66	MP1A	Mx	-.016	2.5
67	MP1B	X	-32.492	2.5
68	MP1B	Z	-56.277	2.5
69	MP1B	Mx	-.016	2.5
70	MP1C	X	-21.91	2.5
71	MP1C	Z	-37.949	2.5
72	MP1C	Mx	.022	2.5
73	MP4A	X	-81.452	.5
74	MP4A	Z	-141.079	.5
75	MP4A	Mx	.041	.5
76	MP4A	X	-81.452	5.5
77	MP4A	Z	-141.079	5.5
78	MP4A	Mx	.041	5.5
79	MP4B	X	-79.102	.5
80	MP4B	Z	-137.008	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP4B	Mx	.045	.5
82	MP4B	X	-79.102	5.5
83	MP4B	Z	-137.008	5.5
84	MP4B	Mx	.045	5.5
85	MP4C	X	-59.134	.5
86	MP4C	Z	-102.423	.5
87	MP4C	Mx	-.059	.5
88	MP4C	X	-59.134	5.5
89	MP4C	Z	-102.423	5.5
90	MP4C	Mx	-.059	5.5
91	M100	X	-78.201	2
92	M100	Z	-135.449	2
93	M100	Mx	0	2
94	M102	X	-73.001	2
95	M102	Z	-126.441	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	-33.765	.5
3	MP1A	Mx	-.023	.5
4	MP1A	X	0	5.5
5	MP1A	Z	-33.765	5.5
6	MP1A	Mx	-.023	5.5
7	MP1B	X	0	.5
8	MP1B	Z	-27.606	.5
9	MP1B	Mx	.021	.5
10	MP1B	X	0	5.5
11	MP1B	Z	-27.606	5.5
12	MP1B	Mx	.021	5.5
13	MP1C	X	0	.5
14	MP1C	Z	-27.606	.5
15	MP1C	Mx	-.003	.5
16	MP1C	X	0	5.5
17	MP1C	Z	-27.606	5.5
18	MP1C	Mx	-.003	5.5
19	MP1A	X	0	.5
20	MP1A	Z	-33.765	.5
21	MP1A	Mx	.023	.5
22	MP1A	X	0	5.5
23	MP1A	Z	-33.765	5.5
24	MP1A	Mx	.023	5.5
25	MP1B	X	0	.5
26	MP1B	Z	-27.606	.5
27	MP1B	Mx	.003	.5
28	MP1B	X	0	5.5
29	MP1B	Z	-27.606	5.5
30	MP1B	Mx	.003	5.5
31	MP1C	X	0	.5
32	MP1C	Z	-27.606	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	-.021	.5
34	MP1C	X	0	5.5
35	MP1C	Z	-27.606	5.5
36	MP1C	Mx	-.021	5.5
37	MP2A	X	0	2
38	MP2A	Z	-16.668	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	-16.668	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	-9.501	2
45	MP2B	Mx	.004	2
46	MP2B	X	0	4
47	MP2B	Z	-9.501	4
48	MP2B	Mx	.004	4
49	MP2C	X	0	2
50	MP2C	Z	-9.501	2
51	MP2C	Mx	-.004	2
52	MP2C	X	0	4
53	MP2C	Z	-9.501	4
54	MP2C	Mx	-.004	4
55	MP2A	X	0	2.5
56	MP2A	Z	-14.064	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	-10.859	2.5
60	MP2B	Mx	-.005	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	-10.859	2.5
63	MP2C	Mx	.005	2.5
64	MP1A	X	0	2.5
65	MP1A	Z	-14.064	2.5
66	MP1A	Mx	0	2.5
67	MP1B	X	0	2.5
68	MP1B	Z	-10.282	2.5
69	MP1B	Mx	-.004	2.5
70	MP1C	X	0	2.5
71	MP1C	Z	-10.282	2.5
72	MP1C	Mx	.004	2.5
73	MP4A	X	0	.5
74	MP4A	Z	-31.868	.5
75	MP4A	Mx	0	.5
76	MP4A	X	0	5.5
77	MP4A	Z	-31.868	5.5
78	MP4A	Mx	0	5.5
79	MP4B	X	0	.5
80	MP4B	Z	-23.788	.5
81	MP4B	Mx	.011	.5
82	MP4B	X	0	5.5
83	MP4B	Z	-23.788	5.5
84	MP4B	Mx	.011	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP4C	X	0	.5
86	MP4C	Z	-24.49	.5
87	MP4C	Mx	-.011	.5
88	MP4C	X	0	5.5
89	MP4C	Z	-24.49	5.5
90	MP4C	Mx	-.011	5.5
91	M100	X	0	2
92	M100	Z	-27.302	2
93	M100	Mx	0	2
94	M102	X	0	2
95	M102	Z	-24.916	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	15.856	.5
2	MP1A	Z	-27.463	.5
3	MP1A	Mx	-.026	.5
4	MP1A	X	15.856	5.5
5	MP1A	Z	-27.463	5.5
6	MP1A	Mx	-.026	5.5
7	MP1B	X	12.776	.5
8	MP1B	Z	-22.13	.5
9	MP1B	Mx	.013	.5
10	MP1B	X	12.776	5.5
11	MP1B	Z	-22.13	5.5
12	MP1B	Mx	.013	5.5
13	MP1C	X	15.856	.5
14	MP1C	Z	-27.463	.5
15	MP1C	Mx	.01	.5
16	MP1C	X	15.856	5.5
17	MP1C	Z	-27.463	5.5
18	MP1C	Mx	.01	5.5
19	MP1A	X	15.856	.5
20	MP1A	Z	-27.463	.5
21	MP1A	Mx	.01	.5
22	MP1A	X	15.856	5.5
23	MP1A	Z	-27.463	5.5
24	MP1A	Mx	.01	5.5
25	MP1B	X	12.776	.5
26	MP1B	Z	-22.13	.5
27	MP1B	Mx	.013	.5
28	MP1B	X	12.776	5.5
29	MP1B	Z	-22.13	5.5
30	MP1B	Mx	.013	5.5
31	MP1C	X	15.856	.5
32	MP1C	Z	-27.463	.5
33	MP1C	Mx	-.026	.5
34	MP1C	X	15.856	5.5
35	MP1C	Z	-27.463	5.5
36	MP1C	Mx	-.026	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP2A	X	7.14	2
38	MP2A	Z	-12.366	2
39	MP2A	Mx	-.004	2
40	MP2A	X	7.14	4
41	MP2A	Z	-12.366	4
42	MP2A	Mx	-.004	4
43	MP2B	X	3.556	2
44	MP2B	Z	-6.159	2
45	MP2B	Mx	.004	2
46	MP2B	X	3.556	4
47	MP2B	Z	-6.159	4
48	MP2B	Mx	.004	4
49	MP2C	X	7.14	2
50	MP2C	Z	-12.366	2
51	MP2C	Mx	-.004	2
52	MP2C	X	7.14	4
53	MP2C	Z	-12.366	4
54	MP2C	Mx	-.004	4
55	MP2A	X	6.498	2.5
56	MP2A	Z	-11.254	2.5
57	MP2A	Mx	.003	2.5
58	MP2B	X	4.895	2.5
59	MP2B	Z	-8.479	2.5
60	MP2B	Mx	-.005	2.5
61	MP2C	X	6.498	2.5
62	MP2C	Z	-11.254	2.5
63	MP2C	Mx	.003	2.5
64	MP1A	X	6.402	2.5
65	MP1A	Z	-11.088	2.5
66	MP1A	Mx	.003	2.5
67	MP1B	X	4.511	2.5
68	MP1B	Z	-7.813	2.5
69	MP1B	Mx	-.005	2.5
70	MP1C	X	6.402	2.5
71	MP1C	Z	-11.088	2.5
72	MP1C	Mx	.003	2.5
73	MP4A	X	14.704	.5
74	MP4A	Z	-25.469	.5
75	MP4A	Mx	-.007	.5
76	MP4A	X	14.704	5.5
77	MP4A	Z	-25.469	5.5
78	MP4A	Mx	-.007	5.5
79	MP4B	X	11.053	.5
80	MP4B	Z	-19.144	.5
81	MP4B	Mx	.011	.5
82	MP4B	X	11.053	5.5
83	MP4B	Z	-19.144	5.5
84	MP4B	Mx	.011	5.5
85	MP4C	X	14.704	.5
86	MP4C	Z	-25.469	.5
87	MP4C	Mx	-.007	.5
88	MP4C	X	14.704	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP4C	Z	-25.469	5.5
90	MP4C	Mx	-.007	5.5
91	M100	X	12.08	2
92	M100	Z	-20.923	2
93	M100	Mx	0	2
94	M102	X	10.325	2
95	M102	Z	-17.883	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	23.908	.5
2	MP1A	Z	-13.803	.5
3	MP1A	Mx	-.021	.5
4	MP1A	X	23.908	5.5
5	MP1A	Z	-13.803	5.5
6	MP1A	Mx	-.021	5.5
7	MP1B	X	23.908	.5
8	MP1B	Z	-13.803	.5
9	MP1B	Mx	.003	.5
10	MP1B	X	23.908	5.5
11	MP1B	Z	-13.803	5.5
12	MP1B	Mx	.003	5.5
13	MP1C	X	29.241	.5
14	MP1C	Z	-16.883	.5
15	MP1C	Mx	.023	.5
16	MP1C	X	29.241	5.5
17	MP1C	Z	-16.883	5.5
18	MP1C	Mx	.023	5.5
19	MP1A	X	23.908	.5
20	MP1A	Z	-13.803	.5
21	MP1A	Mx	-.003	.5
22	MP1A	X	23.908	5.5
23	MP1A	Z	-13.803	5.5
24	MP1A	Mx	-.003	5.5
25	MP1B	X	23.908	.5
26	MP1B	Z	-13.803	.5
27	MP1B	Mx	.021	.5
28	MP1B	X	23.908	5.5
29	MP1B	Z	-13.803	5.5
30	MP1B	Mx	.021	5.5
31	MP1C	X	29.241	.5
32	MP1C	Z	-16.883	.5
33	MP1C	Mx	-.023	.5
34	MP1C	X	29.241	5.5
35	MP1C	Z	-16.883	5.5
36	MP1C	Mx	-.023	5.5
37	MP2A	X	8.228	2
38	MP2A	Z	-4.751	2
39	MP2A	Mx	-.004	2
40	MP2A	X	8.228	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	-4.751	4
42	MP2A	Mx	-.004	4
43	MP2B	X	8.228	2
44	MP2B	Z	-4.751	2
45	MP2B	Mx	.004	2
46	MP2B	X	8.228	4
47	MP2B	Z	-4.751	4
48	MP2B	Mx	.004	4
49	MP2C	X	14.435	2
50	MP2C	Z	-8.334	2
51	MP2C	Mx	0	2
52	MP2C	X	14.435	4
53	MP2C	Z	-8.334	4
54	MP2C	Mx	0	4
55	MP2A	X	9.404	2.5
56	MP2A	Z	-5.429	2.5
57	MP2A	Mx	.005	2.5
58	MP2B	X	9.404	2.5
59	MP2B	Z	-5.429	2.5
60	MP2B	Mx	-.005	2.5
61	MP2C	X	12.18	2.5
62	MP2C	Z	-7.032	2.5
63	MP2C	Mx	0	2.5
64	MP1A	X	8.905	2.5
65	MP1A	Z	-5.141	2.5
66	MP1A	Mx	.004	2.5
67	MP1B	X	8.905	2.5
68	MP1B	Z	-5.141	2.5
69	MP1B	Mx	-.004	2.5
70	MP1C	X	12.18	2.5
71	MP1C	Z	-7.032	2.5
72	MP1C	Mx	0	2.5
73	MP4A	X	21.209	.5
74	MP4A	Z	-12.245	.5
75	MP4A	Mx	-.011	.5
76	MP4A	X	21.209	5.5
77	MP4A	Z	-12.245	5.5
78	MP4A	Mx	-.011	5.5
79	MP4B	X	21.882	.5
80	MP4B	Z	-12.634	.5
81	MP4B	Mx	.01	.5
82	MP4B	X	21.882	5.5
83	MP4B	Z	-12.634	5.5
84	MP4B	Mx	.01	5.5
85	MP4C	X	27.598	.5
86	MP4C	Z	-15.934	.5
87	MP4C	Mx	0	.5
88	MP4C	X	27.598	5.5
89	MP4C	Z	-15.934	5.5
90	MP4C	Mx	0	5.5
91	M100	X	19.562	2
92	M100	Z	-11.294	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	M100	Mx	0	2
94	M102	X	16.036	2
95	M102	Z	-9.258	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	25.553	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	-.013	.5
4	MP1A	X	25.553	5.5
5	MP1A	Z	0	5.5
6	MP1A	Mx	-.013	5.5
7	MP1B	X	31.712	.5
8	MP1B	Z	0	.5
9	MP1B	Mx	-.01	.5
10	MP1B	X	31.712	5.5
11	MP1B	Z	0	5.5
12	MP1B	Mx	-.01	5.5
13	MP1C	X	31.712	.5
14	MP1C	Z	0	.5
15	MP1C	Mx	.026	.5
16	MP1C	X	31.712	5.5
17	MP1C	Z	0	5.5
18	MP1C	Mx	.026	5.5
19	MP1A	X	25.553	.5
20	MP1A	Z	0	.5
21	MP1A	Mx	-.013	.5
22	MP1A	X	25.553	5.5
23	MP1A	Z	0	5.5
24	MP1A	Mx	-.013	5.5
25	MP1B	X	31.712	.5
26	MP1B	Z	0	.5
27	MP1B	Mx	.026	.5
28	MP1B	X	31.712	5.5
29	MP1B	Z	0	5.5
30	MP1B	Mx	.026	5.5
31	MP1C	X	31.712	.5
32	MP1C	Z	0	.5
33	MP1C	Mx	-.01	.5
34	MP1C	X	31.712	5.5
35	MP1C	Z	0	5.5
36	MP1C	Mx	-.01	5.5
37	MP2A	X	7.112	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.004	2
40	MP2A	X	7.112	4
41	MP2A	Z	0	4
42	MP2A	Mx	-.004	4
43	MP2B	X	14.279	2
44	MP2B	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP2B	Mx	.004	2
46	MP2B	X	14.279	4
47	MP2B	Z	0	4
48	MP2B	Mx	.004	4
49	MP2C	X	14.279	2
50	MP2C	Z	0	2
51	MP2C	Mx	.004	2
52	MP2C	X	14.279	4
53	MP2C	Z	0	4
54	MP2C	Mx	.004	4
55	MP2A	X	9.791	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	.005	2.5
58	MP2B	X	12.996	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	-.003	2.5
61	MP2C	X	12.996	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	-.003	2.5
64	MP1A	X	9.022	2.5
65	MP1A	Z	0	2.5
66	MP1A	Mx	.005	2.5
67	MP1B	X	12.803	2.5
68	MP1B	Z	0	2.5
69	MP1B	Mx	-.003	2.5
70	MP1C	X	12.803	2.5
71	MP1C	Z	0	2.5
72	MP1C	Mx	-.003	2.5
73	MP4A	X	22.031	.5
74	MP4A	Z	0	.5
75	MP4A	Mx	-.011	.5
76	MP4A	X	22.031	5.5
77	MP4A	Z	0	5.5
78	MP4A	Mx	-.011	5.5
79	MP4B	X	30.111	.5
80	MP4B	Z	0	.5
81	MP4B	Mx	.006	.5
82	MP4B	X	30.111	5.5
83	MP4B	Z	0	5.5
84	MP4B	Mx	.006	5.5
85	MP4C	X	29.409	.5
86	MP4C	Z	0	.5
87	MP4C	Mx	.007	.5
88	MP4C	X	29.409	5.5
89	MP4C	Z	0	5.5
90	MP4C	Mx	.007	5.5
91	M100	X	24.16	2
92	M100	Z	0	2
93	M100	Mx	0	2
94	M102	X	20.65	2
95	M102	Z	0	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	23.908	.5
2	MP1A	Z	13.803	.5
3	MP1A	Mx	-.003	.5
4	MP1A	X	23.908	5.5
5	MP1A	Z	13.803	5.5
6	MP1A	Mx	-.003	5.5
7	MP1B	X	29.241	.5
8	MP1B	Z	16.883	.5
9	MP1B	Mx	-.023	.5
10	MP1B	X	29.241	5.5
11	MP1B	Z	16.883	5.5
12	MP1B	Mx	-.023	5.5
13	MP1C	X	23.908	.5
14	MP1C	Z	13.803	.5
15	MP1C	Mx	.021	.5
16	MP1C	X	23.908	5.5
17	MP1C	Z	13.803	5.5
18	MP1C	Mx	.021	5.5
19	MP1A	X	23.908	.5
20	MP1A	Z	13.803	.5
21	MP1A	Mx	-.021	.5
22	MP1A	X	23.908	5.5
23	MP1A	Z	13.803	5.5
24	MP1A	Mx	-.021	5.5
25	MP1B	X	29.241	.5
26	MP1B	Z	16.883	.5
27	MP1B	Mx	.023	.5
28	MP1B	X	29.241	5.5
29	MP1B	Z	16.883	5.5
30	MP1B	Mx	.023	5.5
31	MP1C	X	23.908	.5
32	MP1C	Z	13.803	.5
33	MP1C	Mx	.003	.5
34	MP1C	X	23.908	5.5
35	MP1C	Z	13.803	5.5
36	MP1C	Mx	.003	5.5
37	MP2A	X	8.228	2
38	MP2A	Z	4.751	2
39	MP2A	Mx	-.004	2
40	MP2A	X	8.228	4
41	MP2A	Z	4.751	4
42	MP2A	Mx	-.004	4
43	MP2B	X	14.435	2
44	MP2B	Z	8.334	2
45	MP2B	Mx	0	2
46	MP2B	X	14.435	4
47	MP2B	Z	8.334	4
48	MP2B	Mx	0	4
49	MP2C	X	8.228	2
50	MP2C	Z	4.751	2
51	MP2C	Mx	.004	2
52	MP2C	X	8.228	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	4.751	4
54	MP2C	Mx	.004	4
55	MP2A	X	9.404	2.5
56	MP2A	Z	5.429	2.5
57	MP2A	Mx	.005	2.5
58	MP2B	X	12.18	2.5
59	MP2B	Z	7.032	2.5
60	MP2B	Mx	0	2.5
61	MP2C	X	9.404	2.5
62	MP2C	Z	5.429	2.5
63	MP2C	Mx	-.005	2.5
64	MP1A	X	8.905	2.5
65	MP1A	Z	5.141	2.5
66	MP1A	Mx	.004	2.5
67	MP1B	X	12.18	2.5
68	MP1B	Z	7.032	2.5
69	MP1B	Mx	0	2.5
70	MP1C	X	8.905	2.5
71	MP1C	Z	5.141	2.5
72	MP1C	Mx	-.004	2.5
73	MP4A	X	21.209	.5
74	MP4A	Z	12.245	.5
75	MP4A	Mx	-.011	.5
76	MP4A	X	21.209	5.5
77	MP4A	Z	12.245	5.5
78	MP4A	Mx	-.011	5.5
79	MP4B	X	27.534	.5
80	MP4B	Z	15.897	.5
81	MP4B	Mx	-.001	.5
82	MP4B	X	27.534	5.5
83	MP4B	Z	15.897	5.5
84	MP4B	Mx	-.001	5.5
85	MP4C	X	21.209	.5
86	MP4C	Z	12.245	.5
87	MP4C	Mx	.011	.5
88	MP4C	X	21.209	5.5
89	MP4C	Z	12.245	5.5
90	MP4C	Mx	.011	5.5
91	M100	X	23.644	2
92	M100	Z	13.651	2
93	M100	Mx	0	2
94	M102	X	21.578	2
95	M102	Z	12.458	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	15.856	.5
2	MP1A	Z	27.463	.5
3	MP1A	Mx	.01	.5
4	MP1A	X	15.856	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1A	Z	27.463	5.5
6	MP1A	Mx	.01	5.5
7	MP1B	X	15.856	.5
8	MP1B	Z	27.463	.5
9	MP1B	Mx	-.026	.5
10	MP1B	X	15.856	5.5
11	MP1B	Z	27.463	5.5
12	MP1B	Mx	-.026	5.5
13	MP1C	X	12.776	.5
14	MP1C	Z	22.13	.5
15	MP1C	Mx	.013	.5
16	MP1C	X	12.776	5.5
17	MP1C	Z	22.13	5.5
18	MP1C	Mx	.013	5.5
19	MP1A	X	15.856	.5
20	MP1A	Z	27.463	.5
21	MP1A	Mx	-.026	.5
22	MP1A	X	15.856	5.5
23	MP1A	Z	27.463	5.5
24	MP1A	Mx	-.026	5.5
25	MP1B	X	15.856	.5
26	MP1B	Z	27.463	.5
27	MP1B	Mx	.01	.5
28	MP1B	X	15.856	5.5
29	MP1B	Z	27.463	5.5
30	MP1B	Mx	.01	5.5
31	MP1C	X	12.776	.5
32	MP1C	Z	22.13	.5
33	MP1C	Mx	.013	.5
34	MP1C	X	12.776	5.5
35	MP1C	Z	22.13	5.5
36	MP1C	Mx	.013	5.5
37	MP2A	X	7.14	2
38	MP2A	Z	12.366	2
39	MP2A	Mx	-.004	2
40	MP2A	X	7.14	4
41	MP2A	Z	12.366	4
42	MP2A	Mx	-.004	4
43	MP2B	X	7.14	2
44	MP2B	Z	12.366	2
45	MP2B	Mx	-.004	2
46	MP2B	X	7.14	4
47	MP2B	Z	12.366	4
48	MP2B	Mx	-.004	4
49	MP2C	X	3.556	2
50	MP2C	Z	6.159	2
51	MP2C	Mx	.004	2
52	MP2C	X	3.556	4
53	MP2C	Z	6.159	4
54	MP2C	Mx	.004	4
55	MP2A	X	6.498	2.5
56	MP2A	Z	11.254	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP2A	Mx	.003	2.5
58	MP2B	X	6.498	2.5
59	MP2B	Z	11.254	2.5
60	MP2B	Mx	.003	2.5
61	MP2C	X	4.895	2.5
62	MP2C	Z	8.479	2.5
63	MP2C	Mx	-.005	2.5
64	MP1A	X	6.402	2.5
65	MP1A	Z	11.088	2.5
66	MP1A	Mx	.003	2.5
67	MP1B	X	6.402	2.5
68	MP1B	Z	11.088	2.5
69	MP1B	Mx	.003	2.5
70	MP1C	X	4.511	2.5
71	MP1C	Z	7.813	2.5
72	MP1C	Mx	-.005	2.5
73	MP4A	X	14.704	.5
74	MP4A	Z	25.469	.5
75	MP4A	Mx	-.007	.5
76	MP4A	X	14.704	5.5
77	MP4A	Z	25.469	5.5
78	MP4A	Mx	-.007	5.5
79	MP4B	X	14.316	.5
80	MP4B	Z	24.796	.5
81	MP4B	Mx	-.008	.5
82	MP4B	X	14.316	5.5
83	MP4B	Z	24.796	5.5
84	MP4B	Mx	-.008	5.5
85	MP4C	X	11.016	.5
86	MP4C	Z	19.08	.5
87	MP4C	Mx	.011	.5
88	MP4C	X	11.016	5.5
89	MP4C	Z	19.08	5.5
90	MP4C	Mx	.011	5.5
91	M100	X	14.437	2
92	M100	Z	25.005	2
93	M100	Mx	0	2
94	M102	X	13.525	2
95	M102	Z	23.425	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	33.765	.5
3	MP1A	Mx	.023	.5
4	MP1A	X	0	5.5
5	MP1A	Z	33.765	5.5
6	MP1A	Mx	.023	5.5
7	MP1B	X	0	.5
8	MP1B	Z	27.606	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1B	Mx	-.021	.5
10	MP1B	X	0	5.5
11	MP1B	Z	27.606	5.5
12	MP1B	Mx	-.021	5.5
13	MP1C	X	0	.5
14	MP1C	Z	27.606	.5
15	MP1C	Mx	.003	.5
16	MP1C	X	0	5.5
17	MP1C	Z	27.606	5.5
18	MP1C	Mx	.003	5.5
19	MP1A	X	0	.5
20	MP1A	Z	33.765	.5
21	MP1A	Mx	-.023	.5
22	MP1A	X	0	5.5
23	MP1A	Z	33.765	5.5
24	MP1A	Mx	-.023	5.5
25	MP1B	X	0	.5
26	MP1B	Z	27.606	.5
27	MP1B	Mx	-.003	.5
28	MP1B	X	0	5.5
29	MP1B	Z	27.606	5.5
30	MP1B	Mx	-.003	5.5
31	MP1C	X	0	.5
32	MP1C	Z	27.606	.5
33	MP1C	Mx	.021	.5
34	MP1C	X	0	5.5
35	MP1C	Z	27.606	5.5
36	MP1C	Mx	.021	5.5
37	MP2A	X	0	2
38	MP2A	Z	16.668	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	16.668	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	9.501	2
45	MP2B	Mx	-.004	2
46	MP2B	X	0	4
47	MP2B	Z	9.501	4
48	MP2B	Mx	-.004	4
49	MP2C	X	0	2
50	MP2C	Z	9.501	2
51	MP2C	Mx	.004	2
52	MP2C	X	0	4
53	MP2C	Z	9.501	4
54	MP2C	Mx	.004	4
55	MP2A	X	0	2.5
56	MP2A	Z	14.064	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	10.859	2.5
60	MP2B	Mx	.005	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2C	X	0	2.5
62	MP2C	Z	10.859	2.5
63	MP2C	Mx	-.005	2.5
64	MP1A	X	0	2.5
65	MP1A	Z	14.064	2.5
66	MP1A	Mx	0	2.5
67	MP1B	X	0	2.5
68	MP1B	Z	10.282	2.5
69	MP1B	Mx	.004	2.5
70	MP1C	X	0	2.5
71	MP1C	Z	10.282	2.5
72	MP1C	Mx	-.004	2.5
73	MP4A	X	0	.5
74	MP4A	Z	31.868	.5
75	MP4A	Mx	0	.5
76	MP4A	X	0	5.5
77	MP4A	Z	31.868	5.5
78	MP4A	Mx	0	5.5
79	MP4B	X	0	.5
80	MP4B	Z	23.788	.5
81	MP4B	Mx	-.011	.5
82	MP4B	X	0	5.5
83	MP4B	Z	23.788	5.5
84	MP4B	Mx	-.011	5.5
85	MP4C	X	0	.5
86	MP4C	Z	24.49	.5
87	MP4C	Mx	.011	.5
88	MP4C	X	0	5.5
89	MP4C	Z	24.49	5.5
90	MP4C	Mx	.011	5.5
91	M100	X	0	2
92	M100	Z	27.302	2
93	M100	Mx	0	2
94	M102	X	0	2
95	M102	Z	24.916	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-15.856	.5
2	MP1A	Z	27.463	.5
3	MP1A	Mx	.026	.5
4	MP1A	X	-15.856	5.5
5	MP1A	Z	27.463	5.5
6	MP1A	Mx	.026	5.5
7	MP1B	X	-12.776	.5
8	MP1B	Z	22.13	.5
9	MP1B	Mx	-.013	.5
10	MP1B	X	-12.776	5.5
11	MP1B	Z	22.13	5.5
12	MP1B	Mx	-.013	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1C	X	-15.856	.5
14	MP1C	Z	27.463	.5
15	MP1C	Mx	-.01	.5
16	MP1C	X	-15.856	5.5
17	MP1C	Z	27.463	5.5
18	MP1C	Mx	-.01	5.5
19	MP1A	X	-15.856	.5
20	MP1A	Z	27.463	.5
21	MP1A	Mx	-.01	.5
22	MP1A	X	-15.856	5.5
23	MP1A	Z	27.463	5.5
24	MP1A	Mx	-.01	5.5
25	MP1B	X	-12.776	.5
26	MP1B	Z	22.13	.5
27	MP1B	Mx	-.013	.5
28	MP1B	X	-12.776	5.5
29	MP1B	Z	22.13	5.5
30	MP1B	Mx	-.013	5.5
31	MP1C	X	-15.856	.5
32	MP1C	Z	27.463	.5
33	MP1C	Mx	.026	.5
34	MP1C	X	-15.856	5.5
35	MP1C	Z	27.463	5.5
36	MP1C	Mx	.026	5.5
37	MP2A	X	-7.14	2
38	MP2A	Z	12.366	2
39	MP2A	Mx	.004	2
40	MP2A	X	-7.14	4
41	MP2A	Z	12.366	4
42	MP2A	Mx	.004	4
43	MP2B	X	-3.556	2
44	MP2B	Z	6.159	2
45	MP2B	Mx	-.004	2
46	MP2B	X	-3.556	4
47	MP2B	Z	6.159	4
48	MP2B	Mx	-.004	4
49	MP2C	X	-7.14	2
50	MP2C	Z	12.366	2
51	MP2C	Mx	.004	2
52	MP2C	X	-7.14	4
53	MP2C	Z	12.366	4
54	MP2C	Mx	.004	4
55	MP2A	X	-6.498	2.5
56	MP2A	Z	11.254	2.5
57	MP2A	Mx	-.003	2.5
58	MP2B	X	-4.895	2.5
59	MP2B	Z	8.479	2.5
60	MP2B	Mx	.005	2.5
61	MP2C	X	-6.498	2.5
62	MP2C	Z	11.254	2.5
63	MP2C	Mx	-.003	2.5
64	MP1A	X	-6.402	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP1A	Z	11.088	2.5
66	MP1A	Mx	-.003	2.5
67	MP1B	X	-4.511	2.5
68	MP1B	Z	7.813	2.5
69	MP1B	Mx	.005	2.5
70	MP1C	X	-6.402	2.5
71	MP1C	Z	11.088	2.5
72	MP1C	Mx	-.003	2.5
73	MP4A	X	-14.704	.5
74	MP4A	Z	25.469	.5
75	MP4A	Mx	.007	.5
76	MP4A	X	-14.704	5.5
77	MP4A	Z	25.469	5.5
78	MP4A	Mx	.007	5.5
79	MP4B	X	-11.053	.5
80	MP4B	Z	19.144	.5
81	MP4B	Mx	-.011	.5
82	MP4B	X	-11.053	5.5
83	MP4B	Z	19.144	5.5
84	MP4B	Mx	-.011	5.5
85	MP4C	X	-14.704	.5
86	MP4C	Z	25.469	.5
87	MP4C	Mx	.007	.5
88	MP4C	X	-14.704	5.5
89	MP4C	Z	25.469	5.5
90	MP4C	Mx	.007	5.5
91	M100	X	-12.08	2
92	M100	Z	20.923	2
93	M100	Mx	0	2
94	M102	X	-10.325	2
95	M102	Z	17.883	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-23.908	.5
2	MP1A	Z	13.803	.5
3	MP1A	Mx	.021	.5
4	MP1A	X	-23.908	5.5
5	MP1A	Z	13.803	5.5
6	MP1A	Mx	.021	5.5
7	MP1B	X	-23.908	.5
8	MP1B	Z	13.803	.5
9	MP1B	Mx	-.003	.5
10	MP1B	X	-23.908	5.5
11	MP1B	Z	13.803	5.5
12	MP1B	Mx	-.003	5.5
13	MP1C	X	-29.241	.5
14	MP1C	Z	16.883	.5
15	MP1C	Mx	-.023	.5
16	MP1C	X	-29.241	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1C	Z	16.883	5.5
18	MP1C	Mx	-.023	5.5
19	MP1A	X	-23.908	.5
20	MP1A	Z	13.803	.5
21	MP1A	Mx	.003	.5
22	MP1A	X	-23.908	5.5
23	MP1A	Z	13.803	5.5
24	MP1A	Mx	.003	5.5
25	MP1B	X	-23.908	.5
26	MP1B	Z	13.803	.5
27	MP1B	Mx	-.021	.5
28	MP1B	X	-23.908	5.5
29	MP1B	Z	13.803	5.5
30	MP1B	Mx	-.021	5.5
31	MP1C	X	-29.241	.5
32	MP1C	Z	16.883	.5
33	MP1C	Mx	.023	.5
34	MP1C	X	-29.241	5.5
35	MP1C	Z	16.883	5.5
36	MP1C	Mx	.023	5.5
37	MP2A	X	-8.228	2
38	MP2A	Z	4.751	2
39	MP2A	Mx	.004	2
40	MP2A	X	-8.228	4
41	MP2A	Z	4.751	4
42	MP2A	Mx	.004	4
43	MP2B	X	-8.228	2
44	MP2B	Z	4.751	2
45	MP2B	Mx	-.004	2
46	MP2B	X	-8.228	4
47	MP2B	Z	4.751	4
48	MP2B	Mx	-.004	4
49	MP2C	X	-14.435	2
50	MP2C	Z	8.334	2
51	MP2C	Mx	0	2
52	MP2C	X	-14.435	4
53	MP2C	Z	8.334	4
54	MP2C	Mx	0	4
55	MP2A	X	-9.404	2.5
56	MP2A	Z	5.429	2.5
57	MP2A	Mx	-.005	2.5
58	MP2B	X	-9.404	2.5
59	MP2B	Z	5.429	2.5
60	MP2B	Mx	.005	2.5
61	MP2C	X	-12.18	2.5
62	MP2C	Z	7.032	2.5
63	MP2C	Mx	0	2.5
64	MP1A	X	-8.905	2.5
65	MP1A	Z	5.141	2.5
66	MP1A	Mx	-.004	2.5
67	MP1B	X	-8.905	2.5
68	MP1B	Z	5.141	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1B	Mx	.004	2.5
70	MP1C	X	-12.18	2.5
71	MP1C	Z	7.032	2.5
72	MP1C	Mx	0	2.5
73	MP4A	X	-21.209	.5
74	MP4A	Z	12.245	.5
75	MP4A	Mx	.011	.5
76	MP4A	X	-21.209	5.5
77	MP4A	Z	12.245	5.5
78	MP4A	Mx	.011	5.5
79	MP4B	X	-21.882	.5
80	MP4B	Z	12.634	.5
81	MP4B	Mx	-.01	.5
82	MP4B	X	-21.882	5.5
83	MP4B	Z	12.634	5.5
84	MP4B	Mx	-.01	5.5
85	MP4C	X	-27.598	.5
86	MP4C	Z	15.934	.5
87	MP4C	Mx	0	.5
88	MP4C	X	-27.598	5.5
89	MP4C	Z	15.934	5.5
90	MP4C	Mx	0	5.5
91	M100	X	-19.562	2
92	M100	Z	11.294	2
93	M100	Mx	0	2
94	M102	X	-16.036	2
95	M102	Z	9.258	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-25.553	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	.013	.5
4	MP1A	X	-25.553	5.5
5	MP1A	Z	0	5.5
6	MP1A	Mx	.013	5.5
7	MP1B	X	-31.712	.5
8	MP1B	Z	0	.5
9	MP1B	Mx	.01	.5
10	MP1B	X	-31.712	5.5
11	MP1B	Z	0	5.5
12	MP1B	Mx	.01	5.5
13	MP1C	X	-31.712	.5
14	MP1C	Z	0	.5
15	MP1C	Mx	-.026	.5
16	MP1C	X	-31.712	5.5
17	MP1C	Z	0	5.5
18	MP1C	Mx	-.026	5.5
19	MP1A	X	-25.553	.5
20	MP1A	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP1A	Mx	.013	.5
22	MP1A	X	-25.553	5.5
23	MP1A	Z	0	5.5
24	MP1A	Mx	.013	5.5
25	MP1B	X	-31.712	.5
26	MP1B	Z	0	.5
27	MP1B	Mx	-.026	.5
28	MP1B	X	-31.712	5.5
29	MP1B	Z	0	5.5
30	MP1B	Mx	-.026	5.5
31	MP1C	X	-31.712	.5
32	MP1C	Z	0	.5
33	MP1C	Mx	.01	.5
34	MP1C	X	-31.712	5.5
35	MP1C	Z	0	5.5
36	MP1C	Mx	.01	5.5
37	MP2A	X	-7.112	2
38	MP2A	Z	0	2
39	MP2A	Mx	.004	2
40	MP2A	X	-7.112	4
41	MP2A	Z	0	4
42	MP2A	Mx	.004	4
43	MP2B	X	-14.279	2
44	MP2B	Z	0	2
45	MP2B	Mx	-.004	2
46	MP2B	X	-14.279	4
47	MP2B	Z	0	4
48	MP2B	Mx	-.004	4
49	MP2C	X	-14.279	2
50	MP2C	Z	0	2
51	MP2C	Mx	-.004	2
52	MP2C	X	-14.279	4
53	MP2C	Z	0	4
54	MP2C	Mx	-.004	4
55	MP2A	X	-9.791	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	-.005	2.5
58	MP2B	X	-12.996	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	.003	2.5
61	MP2C	X	-12.996	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	.003	2.5
64	MP1A	X	-9.022	2.5
65	MP1A	Z	0	2.5
66	MP1A	Mx	-.005	2.5
67	MP1B	X	-12.803	2.5
68	MP1B	Z	0	2.5
69	MP1B	Mx	.003	2.5
70	MP1C	X	-12.803	2.5
71	MP1C	Z	0	2.5
72	MP1C	Mx	.003	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4A	X	-22.031	.5
74	MP4A	Z	0	.5
75	MP4A	Mx	.011	.5
76	MP4A	X	-22.031	5.5
77	MP4A	Z	0	5.5
78	MP4A	Mx	.011	5.5
79	MP4B	X	-30.111	.5
80	MP4B	Z	0	.5
81	MP4B	Mx	-.006	.5
82	MP4B	X	-30.111	5.5
83	MP4B	Z	0	5.5
84	MP4B	Mx	-.006	5.5
85	MP4C	X	-29.409	.5
86	MP4C	Z	0	.5
87	MP4C	Mx	-.007	.5
88	MP4C	X	-29.409	5.5
89	MP4C	Z	0	5.5
90	MP4C	Mx	-.007	5.5
91	M100	X	-24.16	2
92	M100	Z	0	2
93	M100	Mx	0	2
94	M102	X	-20.65	2
95	M102	Z	0	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-23.908	.5
2	MP1A	Z	-13.803	.5
3	MP1A	Mx	.003	.5
4	MP1A	X	-23.908	5.5
5	MP1A	Z	-13.803	5.5
6	MP1A	Mx	.003	5.5
7	MP1B	X	-29.241	.5
8	MP1B	Z	-16.883	.5
9	MP1B	Mx	.023	.5
10	MP1B	X	-29.241	5.5
11	MP1B	Z	-16.883	5.5
12	MP1B	Mx	.023	5.5
13	MP1C	X	-23.908	.5
14	MP1C	Z	-13.803	.5
15	MP1C	Mx	-.021	.5
16	MP1C	X	-23.908	5.5
17	MP1C	Z	-13.803	5.5
18	MP1C	Mx	-.021	5.5
19	MP1A	X	-23.908	.5
20	MP1A	Z	-13.803	.5
21	MP1A	Mx	.021	.5
22	MP1A	X	-23.908	5.5
23	MP1A	Z	-13.803	5.5
24	MP1A	Mx	.021	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1B	X	-29.241	.5
26	MP1B	Z	-16.883	.5
27	MP1B	Mx	-.023	.5
28	MP1B	X	-29.241	5.5
29	MP1B	Z	-16.883	5.5
30	MP1B	Mx	-.023	5.5
31	MP1C	X	-23.908	.5
32	MP1C	Z	-13.803	.5
33	MP1C	Mx	-.003	.5
34	MP1C	X	-23.908	5.5
35	MP1C	Z	-13.803	5.5
36	MP1C	Mx	-.003	5.5
37	MP2A	X	-8.228	2
38	MP2A	Z	-4.751	2
39	MP2A	Mx	.004	2
40	MP2A	X	-8.228	4
41	MP2A	Z	-4.751	4
42	MP2A	Mx	.004	4
43	MP2B	X	-14.435	2
44	MP2B	Z	-8.334	2
45	MP2B	Mx	0	2
46	MP2B	X	-14.435	4
47	MP2B	Z	-8.334	4
48	MP2B	Mx	0	4
49	MP2C	X	-8.228	2
50	MP2C	Z	-4.751	2
51	MP2C	Mx	-.004	2
52	MP2C	X	-8.228	4
53	MP2C	Z	-4.751	4
54	MP2C	Mx	-.004	4
55	MP2A	X	-9.404	2.5
56	MP2A	Z	-5.429	2.5
57	MP2A	Mx	-.005	2.5
58	MP2B	X	-12.18	2.5
59	MP2B	Z	-7.032	2.5
60	MP2B	Mx	0	2.5
61	MP2C	X	-9.404	2.5
62	MP2C	Z	-5.429	2.5
63	MP2C	Mx	.005	2.5
64	MP1A	X	-8.905	2.5
65	MP1A	Z	-5.141	2.5
66	MP1A	Mx	-.004	2.5
67	MP1B	X	-12.18	2.5
68	MP1B	Z	-7.032	2.5
69	MP1B	Mx	0	2.5
70	MP1C	X	-8.905	2.5
71	MP1C	Z	-5.141	2.5
72	MP1C	Mx	.004	2.5
73	MP4A	X	-21.209	.5
74	MP4A	Z	-12.245	.5
75	MP4A	Mx	.011	.5
76	MP4A	X	-21.209	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP4A	Z	-12.245	5.5
78	MP4A	Mx	.011	5.5
79	MP4B	X	-27.534	.5
80	MP4B	Z	-15.897	.5
81	MP4B	Mx	.001	.5
82	MP4B	X	-27.534	5.5
83	MP4B	Z	-15.897	5.5
84	MP4B	Mx	.001	5.5
85	MP4C	X	-21.209	.5
86	MP4C	Z	-12.245	.5
87	MP4C	Mx	-.011	.5
88	MP4C	X	-21.209	5.5
89	MP4C	Z	-12.245	5.5
90	MP4C	Mx	-.011	5.5
91	M100	X	-23.644	2
92	M100	Z	-13.651	2
93	M100	Mx	0	2
94	M102	X	-21.578	2
95	M102	Z	-12.458	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-15.856	.5
2	MP1A	Z	-27.463	.5
3	MP1A	Mx	-.01	.5
4	MP1A	X	-15.856	5.5
5	MP1A	Z	-27.463	5.5
6	MP1A	Mx	-.01	5.5
7	MP1B	X	-15.856	.5
8	MP1B	Z	-27.463	.5
9	MP1B	Mx	.026	.5
10	MP1B	X	-15.856	5.5
11	MP1B	Z	-27.463	5.5
12	MP1B	Mx	.026	5.5
13	MP1C	X	-12.776	.5
14	MP1C	Z	-22.13	.5
15	MP1C	Mx	-.013	.5
16	MP1C	X	-12.776	5.5
17	MP1C	Z	-22.13	5.5
18	MP1C	Mx	-.013	5.5
19	MP1A	X	-15.856	.5
20	MP1A	Z	-27.463	.5
21	MP1A	Mx	.026	.5
22	MP1A	X	-15.856	5.5
23	MP1A	Z	-27.463	5.5
24	MP1A	Mx	.026	5.5
25	MP1B	X	-15.856	.5
26	MP1B	Z	-27.463	.5
27	MP1B	Mx	-.01	.5
28	MP1B	X	-15.856	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	Z	-27.463	5.5
30	MP1B	Mx	-.01	5.5
31	MP1C	X	-12.776	.5
32	MP1C	Z	-22.13	.5
33	MP1C	Mx	-.013	.5
34	MP1C	X	-12.776	5.5
35	MP1C	Z	-22.13	5.5
36	MP1C	Mx	-.013	5.5
37	MP2A	X	-7.14	2
38	MP2A	Z	-12.366	2
39	MP2A	Mx	.004	2
40	MP2A	X	-7.14	4
41	MP2A	Z	-12.366	4
42	MP2A	Mx	.004	4
43	MP2B	X	-7.14	2
44	MP2B	Z	-12.366	2
45	MP2B	Mx	.004	2
46	MP2B	X	-7.14	4
47	MP2B	Z	-12.366	4
48	MP2B	Mx	.004	4
49	MP2C	X	-3.556	2
50	MP2C	Z	-6.159	2
51	MP2C	Mx	-.004	2
52	MP2C	X	-3.556	4
53	MP2C	Z	-6.159	4
54	MP2C	Mx	-.004	4
55	MP2A	X	-6.498	2.5
56	MP2A	Z	-11.254	2.5
57	MP2A	Mx	-.003	2.5
58	MP2B	X	-6.498	2.5
59	MP2B	Z	-11.254	2.5
60	MP2B	Mx	-.003	2.5
61	MP2C	X	-4.895	2.5
62	MP2C	Z	-8.479	2.5
63	MP2C	Mx	.005	2.5
64	MP1A	X	-6.402	2.5
65	MP1A	Z	-11.088	2.5
66	MP1A	Mx	-.003	2.5
67	MP1B	X	-6.402	2.5
68	MP1B	Z	-11.088	2.5
69	MP1B	Mx	-.003	2.5
70	MP1C	X	-4.511	2.5
71	MP1C	Z	-7.813	2.5
72	MP1C	Mx	.005	2.5
73	MP4A	X	-14.704	.5
74	MP4A	Z	-25.469	.5
75	MP4A	Mx	.007	.5
76	MP4A	X	-14.704	5.5
77	MP4A	Z	-25.469	5.5
78	MP4A	Mx	.007	5.5
79	MP4B	X	-14.316	.5
80	MP4B	Z	-24.796	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP4B	Mx	.008	.5
82	MP4B	X	-14.316	5.5
83	MP4B	Z	-24.796	5.5
84	MP4B	Mx	.008	5.5
85	MP4C	X	-11.016	.5
86	MP4C	Z	-19.08	.5
87	MP4C	Mx	-.011	.5
88	MP4C	X	-11.016	5.5
89	MP4C	Z	-19.08	5.5
90	MP4C	Mx	-.011	5.5
91	M100	X	-14.437	2
92	M100	Z	-25.005	2
93	M100	Mx	0	2
94	M102	X	-13.525	2
95	M102	Z	-23.425	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	-11.128	.5
3	MP1A	Mx	-.007	.5
4	MP1A	X	0	5.5
5	MP1A	Z	-11.128	5.5
6	MP1A	Mx	-.007	5.5
7	MP1B	X	0	.5
8	MP1B	Z	-8.987	.5
9	MP1B	Mx	.007	.5
10	MP1B	X	0	5.5
11	MP1B	Z	-8.987	5.5
12	MP1B	Mx	.007	5.5
13	MP1C	X	0	.5
14	MP1C	Z	-8.987	.5
15	MP1C	Mx	-.000896	.5
16	MP1C	X	0	5.5
17	MP1C	Z	-8.987	5.5
18	MP1C	Mx	-.000896	5.5
19	MP1A	X	0	.5
20	MP1A	Z	-11.128	.5
21	MP1A	Mx	.007	.5
22	MP1A	X	0	5.5
23	MP1A	Z	-11.128	5.5
24	MP1A	Mx	.007	5.5
25	MP1B	X	0	.5
26	MP1B	Z	-8.987	.5
27	MP1B	Mx	.000896	.5
28	MP1B	X	0	5.5
29	MP1B	Z	-8.987	5.5
30	MP1B	Mx	.000896	5.5
31	MP1C	X	0	.5
32	MP1C	Z	-8.987	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	-.007	.5
34	MP1C	X	0	5.5
35	MP1C	Z	-8.987	5.5
36	MP1C	Mx	-.007	5.5
37	MP2A	X	0	2
38	MP2A	Z	-5.299	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	-5.299	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	-2.881	2
45	MP2B	Mx	.001	2
46	MP2B	X	0	4
47	MP2B	Z	-2.881	4
48	MP2B	Mx	.001	4
49	MP2C	X	0	2
50	MP2C	Z	-2.881	2
51	MP2C	Mx	-.001	2
52	MP2C	X	0	4
53	MP2C	Z	-2.881	4
54	MP2C	Mx	-.001	4
55	MP2A	X	0	2.5
56	MP2A	Z	-4.217	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	-3.168	2.5
60	MP2B	Mx	-.001	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	-3.168	2.5
63	MP2C	Mx	.001	2.5
64	MP1A	X	0	2.5
65	MP1A	Z	-4.217	2.5
66	MP1A	Mx	0	2.5
67	MP1B	X	0	2.5
68	MP1B	Z	-2.978	2.5
69	MP1B	Mx	-.001	2.5
70	MP1C	X	0	2.5
71	MP1C	Z	-2.978	2.5
72	MP1C	Mx	.001	2.5
73	MP4A	X	0	.5
74	MP4A	Z	-10.406	.5
75	MP4A	Mx	0	.5
76	MP4A	X	0	5.5
77	MP4A	Z	-10.406	5.5
78	MP4A	Mx	0	5.5
79	MP4B	X	0	.5
80	MP4B	Z	-7.545	.5
81	MP4B	Mx	.003	.5
82	MP4B	X	0	5.5
83	MP4B	Z	-7.545	5.5
84	MP4B	Mx	.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP4C	X	0	.5
86	MP4C	Z	-7.793	.5
87	MP4C	Mx	-.003	.5
88	MP4C	X	0	5.5
89	MP4C	Z	-7.793	5.5
90	MP4C	Mx	-.003	5.5
91	M100	X	0	2
92	M100	Z	-8.612	2
93	M100	Mx	0	2
94	M102	X	0	2
95	M102	Z	-7.824	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.207	.5
2	MP1A	Z	-9.019	.5
3	MP1A	Mx	-.009	.5
4	MP1A	X	5.207	5.5
5	MP1A	Z	-9.019	5.5
6	MP1A	Mx	-.009	5.5
7	MP1B	X	4.137	.5
8	MP1B	Z	-7.165	.5
9	MP1B	Mx	.004	.5
10	MP1B	X	4.137	5.5
11	MP1B	Z	-7.165	5.5
12	MP1B	Mx	.004	5.5
13	MP1C	X	5.207	.5
14	MP1C	Z	-9.019	.5
15	MP1C	Mx	.003	.5
16	MP1C	X	5.207	5.5
17	MP1C	Z	-9.019	5.5
18	MP1C	Mx	.003	5.5
19	MP1A	X	5.207	.5
20	MP1A	Z	-9.019	.5
21	MP1A	Mx	.003	.5
22	MP1A	X	5.207	5.5
23	MP1A	Z	-9.019	5.5
24	MP1A	Mx	.003	5.5
25	MP1B	X	4.137	.5
26	MP1B	Z	-7.165	.5
27	MP1B	Mx	.004	.5
28	MP1B	X	4.137	5.5
29	MP1B	Z	-7.165	5.5
30	MP1B	Mx	.004	5.5
31	MP1C	X	5.207	.5
32	MP1C	Z	-9.019	.5
33	MP1C	Mx	-.009	.5
34	MP1C	X	5.207	5.5
35	MP1C	Z	-9.019	5.5
36	MP1C	Mx	-.009	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP2A	X	2.246	2
38	MP2A	Z	-3.891	2
39	MP2A	Mx	-.001	2
40	MP2A	X	2.246	4
41	MP2A	Z	-3.891	4
42	MP2A	Mx	-.001	4
43	MP2B	X	1.037	2
44	MP2B	Z	-1.797	2
45	MP2B	Mx	.001	2
46	MP2B	X	1.037	4
47	MP2B	Z	-1.797	4
48	MP2B	Mx	.001	4
49	MP2C	X	2.246	2
50	MP2C	Z	-3.891	2
51	MP2C	Mx	-.001	2
52	MP2C	X	2.246	4
53	MP2C	Z	-3.891	4
54	MP2C	Mx	-.001	4
55	MP2A	X	1.934	2.5
56	MP2A	Z	-3.349	2.5
57	MP2A	Mx	.000967	2.5
58	MP2B	X	1.409	2.5
59	MP2B	Z	-2.441	2.5
60	MP2B	Mx	-.001	2.5
61	MP2C	X	1.934	2.5
62	MP2C	Z	-3.349	2.5
63	MP2C	Mx	.000967	2.5
64	MP1A	X	1.902	2.5
65	MP1A	Z	-3.294	2.5
66	MP1A	Mx	.000951	2.5
67	MP1B	X	1.282	2.5
68	MP1B	Z	-2.221	2.5
69	MP1B	Mx	-.001	2.5
70	MP1C	X	1.902	2.5
71	MP1C	Z	-3.294	2.5
72	MP1C	Mx	.000951	2.5
73	MP4A	X	4.768	.5
74	MP4A	Z	-8.258	.5
75	MP4A	Mx	-.002	.5
76	MP4A	X	4.768	5.5
77	MP4A	Z	-8.258	5.5
78	MP4A	Mx	-.002	5.5
79	MP4B	X	3.475	.5
80	MP4B	Z	-6.018	.5
81	MP4B	Mx	.003	.5
82	MP4B	X	3.475	5.5
83	MP4B	Z	-6.018	5.5
84	MP4B	Mx	.003	5.5
85	MP4C	X	4.768	.5
86	MP4C	Z	-8.258	.5
87	MP4C	Mx	-.002	.5
88	MP4C	X	4.768	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP4C	Z	-8.258	5.5
90	MP4C	Mx	-.002	5.5
91	M100	X	3.763	2
92	M100	Z	-6.519	2
93	M100	Mx	0	2
94	M102	X	3.19	2
95	M102	Z	-5.524	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	7.783	.5
2	MP1A	Z	-4.493	.5
3	MP1A	Mx	-.007	.5
4	MP1A	X	7.783	5.5
5	MP1A	Z	-4.493	5.5
6	MP1A	Mx	-.007	5.5
7	MP1B	X	7.783	.5
8	MP1B	Z	-4.493	.5
9	MP1B	Mx	.000895	.5
10	MP1B	X	7.783	5.5
11	MP1B	Z	-4.493	5.5
12	MP1B	Mx	.000895	5.5
13	MP1C	X	9.637	.5
14	MP1C	Z	-5.564	.5
15	MP1C	Mx	.007	.5
16	MP1C	X	9.637	5.5
17	MP1C	Z	-5.564	5.5
18	MP1C	Mx	.007	5.5
19	MP1A	X	7.783	.5
20	MP1A	Z	-4.493	.5
21	MP1A	Mx	-.000896	.5
22	MP1A	X	7.783	5.5
23	MP1A	Z	-4.493	5.5
24	MP1A	Mx	-.000896	5.5
25	MP1B	X	7.783	.5
26	MP1B	Z	-4.493	.5
27	MP1B	Mx	.007	.5
28	MP1B	X	7.783	5.5
29	MP1B	Z	-4.493	5.5
30	MP1B	Mx	.007	5.5
31	MP1C	X	9.637	.5
32	MP1C	Z	-5.564	.5
33	MP1C	Mx	-.007	.5
34	MP1C	X	9.637	5.5
35	MP1C	Z	-5.564	5.5
36	MP1C	Mx	-.007	5.5
37	MP2A	X	2.495	2
38	MP2A	Z	-1.44	2
39	MP2A	Mx	-.001	2
40	MP2A	X	2.495	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	-1.44	4
42	MP2A	Mx	-.001	4
43	MP2B	X	2.495	2
44	MP2B	Z	-1.44	2
45	MP2B	Mx	.001	2
46	MP2B	X	2.495	4
47	MP2B	Z	-1.44	4
48	MP2B	Mx	.001	4
49	MP2C	X	4.589	2
50	MP2C	Z	-2.649	2
51	MP2C	Mx	0	2
52	MP2C	X	4.589	4
53	MP2C	Z	-2.649	4
54	MP2C	Mx	0	4
55	MP2A	X	2.744	2.5
56	MP2A	Z	-1.584	2.5
57	MP2A	Mx	.001	2.5
58	MP2B	X	2.744	2.5
59	MP2B	Z	-1.584	2.5
60	MP2B	Mx	-.001	2.5
61	MP2C	X	3.652	2.5
62	MP2C	Z	-2.108	2.5
63	MP2C	Mx	0	2.5
64	MP1A	X	2.579	2.5
65	MP1A	Z	-1.489	2.5
66	MP1A	Mx	.001	2.5
67	MP1B	X	2.579	2.5
68	MP1B	Z	-1.489	2.5
69	MP1B	Mx	-.001	2.5
70	MP1C	X	3.652	2.5
71	MP1C	Z	-2.108	2.5
72	MP1C	Mx	0	2.5
73	MP4A	X	6.749	.5
74	MP4A	Z	-3.897	.5
75	MP4A	Mx	-.003	.5
76	MP4A	X	6.749	5.5
77	MP4A	Z	-3.897	5.5
78	MP4A	Mx	-.003	5.5
79	MP4B	X	6.988	.5
80	MP4B	Z	-4.034	.5
81	MP4B	Mx	.003	.5
82	MP4B	X	6.988	5.5
83	MP4B	Z	-4.034	5.5
84	MP4B	Mx	.003	5.5
85	MP4C	X	9.012	.5
86	MP4C	Z	-5.203	.5
87	MP4C	Mx	0	.5
88	MP4C	X	9.012	5.5
89	MP4C	Z	-5.203	5.5
90	MP4C	Mx	0	5.5
91	M100	X	6.049	2
92	M100	Z	-3.492	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	M100	Mx	0	2
94	M102	X	4.899	2
95	M102	Z	-2.828	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	8.273	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	-.004	.5
4	MP1A	X	8.273	5.5
5	MP1A	Z	0	5.5
6	MP1A	Mx	-.004	5.5
7	MP1B	X	10.414	.5
8	MP1B	Z	0	.5
9	MP1B	Mx	-.003	.5
10	MP1B	X	10.414	5.5
11	MP1B	Z	0	5.5
12	MP1B	Mx	-.003	5.5
13	MP1C	X	10.414	.5
14	MP1C	Z	0	.5
15	MP1C	Mx	.009	.5
16	MP1C	X	10.414	5.5
17	MP1C	Z	0	5.5
18	MP1C	Mx	.009	5.5
19	MP1A	X	8.273	.5
20	MP1A	Z	0	.5
21	MP1A	Mx	-.004	.5
22	MP1A	X	8.273	5.5
23	MP1A	Z	0	5.5
24	MP1A	Mx	-.004	5.5
25	MP1B	X	10.414	.5
26	MP1B	Z	0	.5
27	MP1B	Mx	.009	.5
28	MP1B	X	10.414	5.5
29	MP1B	Z	0	5.5
30	MP1B	Mx	.009	5.5
31	MP1C	X	10.414	.5
32	MP1C	Z	0	.5
33	MP1C	Mx	-.003	.5
34	MP1C	X	10.414	5.5
35	MP1C	Z	0	5.5
36	MP1C	Mx	-.003	5.5
37	MP2A	X	2.075	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.001	2
40	MP2A	X	2.075	4
41	MP2A	Z	0	4
42	MP2A	Mx	-.001	4
43	MP2B	X	4.493	2
44	MP2B	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP2B	Mx	.001	2
46	MP2B	X	4.493	4
47	MP2B	Z	0	4
48	MP2B	Mx	.001	4
49	MP2C	X	4.493	2
50	MP2C	Z	0	2
51	MP2C	Mx	.001	2
52	MP2C	X	4.493	4
53	MP2C	Z	0	4
54	MP2C	Mx	.001	4
55	MP2A	X	2.819	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	.001	2.5
58	MP2B	X	3.867	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	-.000967	2.5
61	MP2C	X	3.867	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	-.000967	2.5
64	MP1A	X	2.565	2.5
65	MP1A	Z	0	2.5
66	MP1A	Mx	.001	2.5
67	MP1B	X	3.804	2.5
68	MP1B	Z	0	2.5
69	MP1B	Mx	-.000951	2.5
70	MP1C	X	3.804	2.5
71	MP1C	Z	0	2.5
72	MP1C	Mx	-.000951	2.5
73	MP4A	X	6.923	.5
74	MP4A	Z	0	.5
75	MP4A	Mx	-.003	.5
76	MP4A	X	6.923	5.5
77	MP4A	Z	0	5.5
78	MP4A	Mx	-.003	5.5
79	MP4B	X	9.784	.5
80	MP4B	Z	0	.5
81	MP4B	Mx	.002	.5
82	MP4B	X	9.784	5.5
83	MP4B	Z	0	5.5
84	MP4B	Mx	.002	5.5
85	MP4C	X	9.535	.5
86	MP4C	Z	0	.5
87	MP4C	Mx	.002	.5
88	MP4C	X	9.535	5.5
89	MP4C	Z	0	5.5
90	MP4C	Mx	.002	5.5
91	M100	X	7.527	2
92	M100	Z	0	2
93	M100	Mx	0	2
94	M102	X	6.379	2
95	M102	Z	0	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	7.783	.5
2	MP1A	Z	4.493	.5
3	MP1A	Mx	-.000896	.5
4	MP1A	X	7.783	5.5
5	MP1A	Z	4.493	5.5
6	MP1A	Mx	-.000896	5.5
7	MP1B	X	9.637	.5
8	MP1B	Z	5.564	.5
9	MP1B	Mx	-.007	.5
10	MP1B	X	9.637	5.5
11	MP1B	Z	5.564	5.5
12	MP1B	Mx	-.007	5.5
13	MP1C	X	7.783	.5
14	MP1C	Z	4.493	.5
15	MP1C	Mx	.007	.5
16	MP1C	X	7.783	5.5
17	MP1C	Z	4.493	5.5
18	MP1C	Mx	.007	5.5
19	MP1A	X	7.783	.5
20	MP1A	Z	4.493	.5
21	MP1A	Mx	-.007	.5
22	MP1A	X	7.783	5.5
23	MP1A	Z	4.493	5.5
24	MP1A	Mx	-.007	5.5
25	MP1B	X	9.637	.5
26	MP1B	Z	5.564	.5
27	MP1B	Mx	.007	.5
28	MP1B	X	9.637	5.5
29	MP1B	Z	5.564	5.5
30	MP1B	Mx	.007	5.5
31	MP1C	X	7.783	.5
32	MP1C	Z	4.493	.5
33	MP1C	Mx	.000895	.5
34	MP1C	X	7.783	5.5
35	MP1C	Z	4.493	5.5
36	MP1C	Mx	.000895	5.5
37	MP2A	X	2.495	2
38	MP2A	Z	1.44	2
39	MP2A	Mx	-.001	2
40	MP2A	X	2.495	4
41	MP2A	Z	1.44	4
42	MP2A	Mx	-.001	4
43	MP2B	X	4.589	2
44	MP2B	Z	2.649	2
45	MP2B	Mx	0	2
46	MP2B	X	4.589	4
47	MP2B	Z	2.649	4
48	MP2B	Mx	0	4
49	MP2C	X	2.495	2
50	MP2C	Z	1.44	2
51	MP2C	Mx	.001	2
52	MP2C	X	2.495	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	1.44	4
54	MP2C	Mx	.001	4
55	MP2A	X	2.744	2.5
56	MP2A	Z	1.584	2.5
57	MP2A	Mx	.001	2.5
58	MP2B	X	3.652	2.5
59	MP2B	Z	2.108	2.5
60	MP2B	Mx	0	2.5
61	MP2C	X	2.744	2.5
62	MP2C	Z	1.584	2.5
63	MP2C	Mx	-.001	2.5
64	MP1A	X	2.579	2.5
65	MP1A	Z	1.489	2.5
66	MP1A	Mx	.001	2.5
67	MP1B	X	3.652	2.5
68	MP1B	Z	2.108	2.5
69	MP1B	Mx	0	2.5
70	MP1C	X	2.579	2.5
71	MP1C	Z	1.489	2.5
72	MP1C	Mx	-.001	2.5
73	MP4A	X	6.749	.5
74	MP4A	Z	3.897	.5
75	MP4A	Mx	-.003	.5
76	MP4A	X	6.749	5.5
77	MP4A	Z	3.897	5.5
78	MP4A	Mx	-.003	5.5
79	MP4B	X	8.989	.5
80	MP4B	Z	5.19	.5
81	MP4B	Mx	-.000452	.5
82	MP4B	X	8.989	5.5
83	MP4B	Z	5.19	5.5
84	MP4B	Mx	-.000452	5.5
85	MP4C	X	6.749	.5
86	MP4C	Z	3.897	.5
87	MP4C	Mx	.003	.5
88	MP4C	X	6.749	5.5
89	MP4C	Z	3.897	5.5
90	MP4C	Mx	.003	5.5
91	M100	X	7.458	2
92	M100	Z	4.306	2
93	M100	Mx	0	2
94	M102	X	6.775	2
95	M102	Z	3.912	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.207	.5
2	MP1A	Z	9.019	.5
3	MP1A	Mx	.003	.5
4	MP1A	X	5.207	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1A	Z	9.019	5.5
6	MP1A	Mx	.003	5.5
7	MP1B	X	5.207	.5
8	MP1B	Z	9.019	.5
9	MP1B	Mx	-.009	.5
10	MP1B	X	5.207	5.5
11	MP1B	Z	9.019	5.5
12	MP1B	Mx	-.009	5.5
13	MP1C	X	4.137	.5
14	MP1C	Z	7.165	.5
15	MP1C	Mx	.004	.5
16	MP1C	X	4.137	5.5
17	MP1C	Z	7.165	5.5
18	MP1C	Mx	.004	5.5
19	MP1A	X	5.207	.5
20	MP1A	Z	9.019	.5
21	MP1A	Mx	-.009	.5
22	MP1A	X	5.207	5.5
23	MP1A	Z	9.019	5.5
24	MP1A	Mx	-.009	5.5
25	MP1B	X	5.207	.5
26	MP1B	Z	9.019	.5
27	MP1B	Mx	.003	.5
28	MP1B	X	5.207	5.5
29	MP1B	Z	9.019	5.5
30	MP1B	Mx	.003	5.5
31	MP1C	X	4.137	.5
32	MP1C	Z	7.165	.5
33	MP1C	Mx	.004	.5
34	MP1C	X	4.137	5.5
35	MP1C	Z	7.165	5.5
36	MP1C	Mx	.004	5.5
37	MP2A	X	2.246	2
38	MP2A	Z	3.891	2
39	MP2A	Mx	-.001	2
40	MP2A	X	2.246	4
41	MP2A	Z	3.891	4
42	MP2A	Mx	-.001	4
43	MP2B	X	2.246	2
44	MP2B	Z	3.891	2
45	MP2B	Mx	-.001	2
46	MP2B	X	2.246	4
47	MP2B	Z	3.891	4
48	MP2B	Mx	-.001	4
49	MP2C	X	1.037	2
50	MP2C	Z	1.797	2
51	MP2C	Mx	.001	2
52	MP2C	X	1.037	4
53	MP2C	Z	1.797	4
54	MP2C	Mx	.001	4
55	MP2A	X	1.934	2.5
56	MP2A	Z	3.349	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP2A	Mx	.000967	2.5
58	MP2B	X	1.934	2.5
59	MP2B	Z	3.349	2.5
60	MP2B	Mx	.000967	2.5
61	MP2C	X	1.409	2.5
62	MP2C	Z	2.441	2.5
63	MP2C	Mx	-.001	2.5
64	MP1A	X	1.902	2.5
65	MP1A	Z	3.294	2.5
66	MP1A	Mx	.000951	2.5
67	MP1B	X	1.902	2.5
68	MP1B	Z	3.294	2.5
69	MP1B	Mx	.000951	2.5
70	MP1C	X	1.282	2.5
71	MP1C	Z	2.221	2.5
72	MP1C	Mx	-.001	2.5
73	MP4A	X	4.768	.5
74	MP4A	Z	8.258	.5
75	MP4A	Mx	-.002	.5
76	MP4A	X	4.768	5.5
77	MP4A	Z	8.258	5.5
78	MP4A	Mx	-.002	5.5
79	MP4B	X	4.63	.5
80	MP4B	Z	8.019	.5
81	MP4B	Mx	-.003	.5
82	MP4B	X	4.63	5.5
83	MP4B	Z	8.019	5.5
84	MP4B	Mx	-.003	5.5
85	MP4C	X	3.461	.5
86	MP4C	Z	5.995	.5
87	MP4C	Mx	.003	.5
88	MP4C	X	3.461	5.5
89	MP4C	Z	5.995	5.5
90	MP4C	Mx	.003	5.5
91	M100	X	4.577	2
92	M100	Z	7.928	2
93	M100	Mx	0	2
94	M102	X	4.273	2
95	M102	Z	7.401	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	11.128	.5
3	MP1A	Mx	.007	.5
4	MP1A	X	0	5.5
5	MP1A	Z	11.128	5.5
6	MP1A	Mx	.007	5.5
7	MP1B	X	0	.5
8	MP1B	Z	8.987	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1B	Mx	-.007	.5
10	MP1B	X	0	5.5
11	MP1B	Z	8.987	5.5
12	MP1B	Mx	-.007	5.5
13	MP1C	X	0	.5
14	MP1C	Z	8.987	.5
15	MP1C	Mx	.000896	.5
16	MP1C	X	0	5.5
17	MP1C	Z	8.987	5.5
18	MP1C	Mx	.000896	5.5
19	MP1A	X	0	.5
20	MP1A	Z	11.128	.5
21	MP1A	Mx	-.007	.5
22	MP1A	X	0	5.5
23	MP1A	Z	11.128	5.5
24	MP1A	Mx	-.007	5.5
25	MP1B	X	0	.5
26	MP1B	Z	8.987	.5
27	MP1B	Mx	-.000896	.5
28	MP1B	X	0	5.5
29	MP1B	Z	8.987	5.5
30	MP1B	Mx	-.000896	5.5
31	MP1C	X	0	.5
32	MP1C	Z	8.987	.5
33	MP1C	Mx	.007	.5
34	MP1C	X	0	5.5
35	MP1C	Z	8.987	5.5
36	MP1C	Mx	.007	5.5
37	MP2A	X	0	2
38	MP2A	Z	5.299	2
39	MP2A	Mx	0	2
40	MP2A	X	0	4
41	MP2A	Z	5.299	4
42	MP2A	Mx	0	4
43	MP2B	X	0	2
44	MP2B	Z	2.881	2
45	MP2B	Mx	-.001	2
46	MP2B	X	0	4
47	MP2B	Z	2.881	4
48	MP2B	Mx	-.001	4
49	MP2C	X	0	2
50	MP2C	Z	2.881	2
51	MP2C	Mx	.001	2
52	MP2C	X	0	4
53	MP2C	Z	2.881	4
54	MP2C	Mx	.001	4
55	MP2A	X	0	2.5
56	MP2A	Z	4.217	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	3.168	2.5
60	MP2B	Mx	.001	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2C	X	0	2.5
62	MP2C	Z	3.168	2.5
63	MP2C	Mx	-.001	2.5
64	MP1A	X	0	2.5
65	MP1A	Z	4.217	2.5
66	MP1A	Mx	0	2.5
67	MP1B	X	0	2.5
68	MP1B	Z	2.978	2.5
69	MP1B	Mx	.001	2.5
70	MP1C	X	0	2.5
71	MP1C	Z	2.978	2.5
72	MP1C	Mx	-.001	2.5
73	MP4A	X	0	.5
74	MP4A	Z	10.406	.5
75	MP4A	Mx	0	.5
76	MP4A	X	0	5.5
77	MP4A	Z	10.406	5.5
78	MP4A	Mx	0	5.5
79	MP4B	X	0	.5
80	MP4B	Z	7.545	.5
81	MP4B	Mx	-.003	.5
82	MP4B	X	0	5.5
83	MP4B	Z	7.545	5.5
84	MP4B	Mx	-.003	5.5
85	MP4C	X	0	.5
86	MP4C	Z	7.793	.5
87	MP4C	Mx	.003	.5
88	MP4C	X	0	5.5
89	MP4C	Z	7.793	5.5
90	MP4C	Mx	.003	5.5
91	M100	X	0	2
92	M100	Z	8.612	2
93	M100	Mx	0	2
94	M102	X	0	2
95	M102	Z	7.824	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.207	.5
2	MP1A	Z	9.019	.5
3	MP1A	Mx	.009	.5
4	MP1A	X	-5.207	5.5
5	MP1A	Z	9.019	5.5
6	MP1A	Mx	.009	5.5
7	MP1B	X	-4.137	.5
8	MP1B	Z	7.165	.5
9	MP1B	Mx	-.004	.5
10	MP1B	X	-4.137	5.5
11	MP1B	Z	7.165	5.5
12	MP1B	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1C	X	-5.207	.5
14	MP1C	Z	9.019	.5
15	MP1C	Mx	-.003	.5
16	MP1C	X	-5.207	5.5
17	MP1C	Z	9.019	5.5
18	MP1C	Mx	-.003	5.5
19	MP1A	X	-5.207	.5
20	MP1A	Z	9.019	.5
21	MP1A	Mx	-.003	.5
22	MP1A	X	-5.207	5.5
23	MP1A	Z	9.019	5.5
24	MP1A	Mx	-.003	5.5
25	MP1B	X	-4.137	.5
26	MP1B	Z	7.165	.5
27	MP1B	Mx	-.004	.5
28	MP1B	X	-4.137	5.5
29	MP1B	Z	7.165	5.5
30	MP1B	Mx	-.004	5.5
31	MP1C	X	-5.207	.5
32	MP1C	Z	9.019	.5
33	MP1C	Mx	.009	.5
34	MP1C	X	-5.207	5.5
35	MP1C	Z	9.019	5.5
36	MP1C	Mx	.009	5.5
37	MP2A	X	-2.246	2
38	MP2A	Z	3.891	2
39	MP2A	Mx	.001	2
40	MP2A	X	-2.246	4
41	MP2A	Z	3.891	4
42	MP2A	Mx	.001	4
43	MP2B	X	-1.037	2
44	MP2B	Z	1.797	2
45	MP2B	Mx	-.001	2
46	MP2B	X	-1.037	4
47	MP2B	Z	1.797	4
48	MP2B	Mx	-.001	4
49	MP2C	X	-2.246	2
50	MP2C	Z	3.891	2
51	MP2C	Mx	.001	2
52	MP2C	X	-2.246	4
53	MP2C	Z	3.891	4
54	MP2C	Mx	.001	4
55	MP2A	X	-1.934	2.5
56	MP2A	Z	3.349	2.5
57	MP2A	Mx	-.000967	2.5
58	MP2B	X	-1.409	2.5
59	MP2B	Z	2.441	2.5
60	MP2B	Mx	.001	2.5
61	MP2C	X	-1.934	2.5
62	MP2C	Z	3.349	2.5
63	MP2C	Mx	-.000967	2.5
64	MP1A	X	-1.902	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP1A	Z	3.294	2.5
66	MP1A	Mx	-.000951	2.5
67	MP1B	X	-1.282	2.5
68	MP1B	Z	2.221	2.5
69	MP1B	Mx	.001	2.5
70	MP1C	X	-1.902	2.5
71	MP1C	Z	3.294	2.5
72	MP1C	Mx	-.000951	2.5
73	MP4A	X	-4.768	.5
74	MP4A	Z	8.258	.5
75	MP4A	Mx	.002	.5
76	MP4A	X	-4.768	5.5
77	MP4A	Z	8.258	5.5
78	MP4A	Mx	.002	5.5
79	MP4B	X	-3.475	.5
80	MP4B	Z	6.018	.5
81	MP4B	Mx	-.003	.5
82	MP4B	X	-3.475	5.5
83	MP4B	Z	6.018	5.5
84	MP4B	Mx	-.003	5.5
85	MP4C	X	-4.768	.5
86	MP4C	Z	8.258	.5
87	MP4C	Mx	.002	.5
88	MP4C	X	-4.768	5.5
89	MP4C	Z	8.258	5.5
90	MP4C	Mx	.002	5.5
91	M100	X	-3.763	2
92	M100	Z	6.519	2
93	M100	Mx	0	2
94	M102	X	-3.19	2
95	M102	Z	5.524	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-7.783	.5
2	MP1A	Z	4.493	.5
3	MP1A	Mx	.007	.5
4	MP1A	X	-7.783	5.5
5	MP1A	Z	4.493	5.5
6	MP1A	Mx	.007	5.5
7	MP1B	X	-7.783	.5
8	MP1B	Z	4.493	.5
9	MP1B	Mx	-.000895	.5
10	MP1B	X	-7.783	5.5
11	MP1B	Z	4.493	5.5
12	MP1B	Mx	-.000895	5.5
13	MP1C	X	-9.637	.5
14	MP1C	Z	5.564	.5
15	MP1C	Mx	-.007	.5
16	MP1C	X	-9.637	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1C	Z	5.564	5.5
18	MP1C	Mx	-.007	5.5
19	MP1A	X	-7.783	.5
20	MP1A	Z	4.493	.5
21	MP1A	Mx	.000896	.5
22	MP1A	X	-7.783	5.5
23	MP1A	Z	4.493	5.5
24	MP1A	Mx	.000896	5.5
25	MP1B	X	-7.783	.5
26	MP1B	Z	4.493	.5
27	MP1B	Mx	-.007	.5
28	MP1B	X	-7.783	5.5
29	MP1B	Z	4.493	5.5
30	MP1B	Mx	-.007	5.5
31	MP1C	X	-9.637	.5
32	MP1C	Z	5.564	.5
33	MP1C	Mx	.007	.5
34	MP1C	X	-9.637	5.5
35	MP1C	Z	5.564	5.5
36	MP1C	Mx	.007	5.5
37	MP2A	X	-2.495	2
38	MP2A	Z	1.44	2
39	MP2A	Mx	.001	2
40	MP2A	X	-2.495	4
41	MP2A	Z	1.44	4
42	MP2A	Mx	.001	4
43	MP2B	X	-2.495	2
44	MP2B	Z	1.44	2
45	MP2B	Mx	-.001	2
46	MP2B	X	-2.495	4
47	MP2B	Z	1.44	4
48	MP2B	Mx	-.001	4
49	MP2C	X	-4.589	2
50	MP2C	Z	2.649	2
51	MP2C	Mx	0	2
52	MP2C	X	-4.589	4
53	MP2C	Z	2.649	4
54	MP2C	Mx	0	4
55	MP2A	X	-2.744	2.5
56	MP2A	Z	1.584	2.5
57	MP2A	Mx	-.001	2.5
58	MP2B	X	-2.744	2.5
59	MP2B	Z	1.584	2.5
60	MP2B	Mx	.001	2.5
61	MP2C	X	-3.652	2.5
62	MP2C	Z	2.108	2.5
63	MP2C	Mx	0	2.5
64	MP1A	X	-2.579	2.5
65	MP1A	Z	1.489	2.5
66	MP1A	Mx	-.001	2.5
67	MP1B	X	-2.579	2.5
68	MP1B	Z	1.489	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1B	Mx	.001	2.5
70	MP1C	X	-3.652	2.5
71	MP1C	Z	2.108	2.5
72	MP1C	Mx	0	2.5
73	MP4A	X	-6.749	.5
74	MP4A	Z	3.897	.5
75	MP4A	Mx	.003	.5
76	MP4A	X	-6.749	5.5
77	MP4A	Z	3.897	5.5
78	MP4A	Mx	.003	5.5
79	MP4B	X	-6.988	.5
80	MP4B	Z	4.034	.5
81	MP4B	Mx	-.003	.5
82	MP4B	X	-6.988	5.5
83	MP4B	Z	4.034	5.5
84	MP4B	Mx	-.003	5.5
85	MP4C	X	-9.012	.5
86	MP4C	Z	5.203	.5
87	MP4C	Mx	0	.5
88	MP4C	X	-9.012	5.5
89	MP4C	Z	5.203	5.5
90	MP4C	Mx	0	5.5
91	M100	X	-6.049	2
92	M100	Z	3.492	2
93	M100	Mx	0	2
94	M102	X	-4.899	2
95	M102	Z	2.828	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-8.273	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	.004	.5
4	MP1A	X	-8.273	5.5
5	MP1A	Z	0	5.5
6	MP1A	Mx	.004	5.5
7	MP1B	X	-10.414	.5
8	MP1B	Z	0	.5
9	MP1B	Mx	.003	.5
10	MP1B	X	-10.414	5.5
11	MP1B	Z	0	5.5
12	MP1B	Mx	.003	5.5
13	MP1C	X	-10.414	.5
14	MP1C	Z	0	.5
15	MP1C	Mx	-.009	.5
16	MP1C	X	-10.414	5.5
17	MP1C	Z	0	5.5
18	MP1C	Mx	-.009	5.5
19	MP1A	X	-8.273	.5
20	MP1A	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP1A	Mx	.004	.5
22	MP1A	X	-8.273	5.5
23	MP1A	Z	0	5.5
24	MP1A	Mx	.004	5.5
25	MP1B	X	-10.414	.5
26	MP1B	Z	0	.5
27	MP1B	Mx	-.009	.5
28	MP1B	X	-10.414	5.5
29	MP1B	Z	0	5.5
30	MP1B	Mx	-.009	5.5
31	MP1C	X	-10.414	.5
32	MP1C	Z	0	.5
33	MP1C	Mx	.003	.5
34	MP1C	X	-10.414	5.5
35	MP1C	Z	0	5.5
36	MP1C	Mx	.003	5.5
37	MP2A	X	-2.075	2
38	MP2A	Z	0	2
39	MP2A	Mx	.001	2
40	MP2A	X	-2.075	4
41	MP2A	Z	0	4
42	MP2A	Mx	.001	4
43	MP2B	X	-4.493	2
44	MP2B	Z	0	2
45	MP2B	Mx	-.001	2
46	MP2B	X	-4.493	4
47	MP2B	Z	0	4
48	MP2B	Mx	-.001	4
49	MP2C	X	-4.493	2
50	MP2C	Z	0	2
51	MP2C	Mx	-.001	2
52	MP2C	X	-4.493	4
53	MP2C	Z	0	4
54	MP2C	Mx	-.001	4
55	MP2A	X	-2.819	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	-.001	2.5
58	MP2B	X	-3.867	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	.000967	2.5
61	MP2C	X	-3.867	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	.000967	2.5
64	MP1A	X	-2.565	2.5
65	MP1A	Z	0	2.5
66	MP1A	Mx	-.001	2.5
67	MP1B	X	-3.804	2.5
68	MP1B	Z	0	2.5
69	MP1B	Mx	.000951	2.5
70	MP1C	X	-3.804	2.5
71	MP1C	Z	0	2.5
72	MP1C	Mx	.000951	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4A	X	-6.923	.5
74	MP4A	Z	0	.5
75	MP4A	Mx	.003	.5
76	MP4A	X	-6.923	5.5
77	MP4A	Z	0	5.5
78	MP4A	Mx	.003	5.5
79	MP4B	X	-9.784	.5
80	MP4B	Z	0	.5
81	MP4B	Mx	-.002	.5
82	MP4B	X	-9.784	5.5
83	MP4B	Z	0	5.5
84	MP4B	Mx	-.002	5.5
85	MP4C	X	-9.535	.5
86	MP4C	Z	0	.5
87	MP4C	Mx	-.002	.5
88	MP4C	X	-9.535	5.5
89	MP4C	Z	0	5.5
90	MP4C	Mx	-.002	5.5
91	M100	X	-7.527	2
92	M100	Z	0	2
93	M100	Mx	0	2
94	M102	X	-6.379	2
95	M102	Z	0	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-7.783	.5
2	MP1A	Z	-4.493	.5
3	MP1A	Mx	.000896	.5
4	MP1A	X	-7.783	5.5
5	MP1A	Z	-4.493	5.5
6	MP1A	Mx	.000896	5.5
7	MP1B	X	-9.637	.5
8	MP1B	Z	-5.564	.5
9	MP1B	Mx	.007	.5
10	MP1B	X	-9.637	5.5
11	MP1B	Z	-5.564	5.5
12	MP1B	Mx	.007	5.5
13	MP1C	X	-7.783	.5
14	MP1C	Z	-4.493	.5
15	MP1C	Mx	-.007	.5
16	MP1C	X	-7.783	5.5
17	MP1C	Z	-4.493	5.5
18	MP1C	Mx	-.007	5.5
19	MP1A	X	-7.783	.5
20	MP1A	Z	-4.493	.5
21	MP1A	Mx	.007	.5
22	MP1A	X	-7.783	5.5
23	MP1A	Z	-4.493	5.5
24	MP1A	Mx	.007	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1B	X	-9.637	.5
26	MP1B	Z	-5.564	.5
27	MP1B	Mx	-.007	.5
28	MP1B	X	-9.637	5.5
29	MP1B	Z	-5.564	5.5
30	MP1B	Mx	-.007	5.5
31	MP1C	X	-7.783	.5
32	MP1C	Z	-4.493	.5
33	MP1C	Mx	-.000895	.5
34	MP1C	X	-7.783	5.5
35	MP1C	Z	-4.493	5.5
36	MP1C	Mx	-.000895	5.5
37	MP2A	X	-2.495	2
38	MP2A	Z	-1.44	2
39	MP2A	Mx	.001	2
40	MP2A	X	-2.495	4
41	MP2A	Z	-1.44	4
42	MP2A	Mx	.001	4
43	MP2B	X	-4.589	2
44	MP2B	Z	-2.649	2
45	MP2B	Mx	0	2
46	MP2B	X	-4.589	4
47	MP2B	Z	-2.649	4
48	MP2B	Mx	0	4
49	MP2C	X	-2.495	2
50	MP2C	Z	-1.44	2
51	MP2C	Mx	-.001	2
52	MP2C	X	-2.495	4
53	MP2C	Z	-1.44	4
54	MP2C	Mx	-.001	4
55	MP2A	X	-2.744	2.5
56	MP2A	Z	-1.584	2.5
57	MP2A	Mx	-.001	2.5
58	MP2B	X	-3.652	2.5
59	MP2B	Z	-2.108	2.5
60	MP2B	Mx	0	2.5
61	MP2C	X	-2.744	2.5
62	MP2C	Z	-1.584	2.5
63	MP2C	Mx	.001	2.5
64	MP1A	X	-2.579	2.5
65	MP1A	Z	-1.489	2.5
66	MP1A	Mx	-.001	2.5
67	MP1B	X	-3.652	2.5
68	MP1B	Z	-2.108	2.5
69	MP1B	Mx	0	2.5
70	MP1C	X	-2.579	2.5
71	MP1C	Z	-1.489	2.5
72	MP1C	Mx	.001	2.5
73	MP4A	X	-6.749	.5
74	MP4A	Z	-3.897	.5
75	MP4A	Mx	.003	.5
76	MP4A	X	-6.749	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP4A	Z	-3.897	5.5
78	MP4A	Mx	.003	5.5
79	MP4B	X	-8.989	.5
80	MP4B	Z	-5.19	.5
81	MP4B	Mx	.000452	.5
82	MP4B	X	-8.989	5.5
83	MP4B	Z	-5.19	5.5
84	MP4B	Mx	.000452	5.5
85	MP4C	X	-6.749	.5
86	MP4C	Z	-3.897	.5
87	MP4C	Mx	-.003	.5
88	MP4C	X	-6.749	5.5
89	MP4C	Z	-3.897	5.5
90	MP4C	Mx	-.003	5.5
91	M100	X	-7.458	2
92	M100	Z	-4.306	2
93	M100	Mx	0	2
94	M102	X	-6.775	2
95	M102	Z	-3.912	2
96	M102	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.207	.5
2	MP1A	Z	-9.019	.5
3	MP1A	Mx	-.003	.5
4	MP1A	X	-5.207	5.5
5	MP1A	Z	-9.019	5.5
6	MP1A	Mx	-.003	5.5
7	MP1B	X	-5.207	.5
8	MP1B	Z	-9.019	.5
9	MP1B	Mx	.009	.5
10	MP1B	X	-5.207	5.5
11	MP1B	Z	-9.019	5.5
12	MP1B	Mx	.009	5.5
13	MP1C	X	-4.137	.5
14	MP1C	Z	-7.165	.5
15	MP1C	Mx	-.004	.5
16	MP1C	X	-4.137	5.5
17	MP1C	Z	-7.165	5.5
18	MP1C	Mx	-.004	5.5
19	MP1A	X	-5.207	.5
20	MP1A	Z	-9.019	.5
21	MP1A	Mx	.009	.5
22	MP1A	X	-5.207	5.5
23	MP1A	Z	-9.019	5.5
24	MP1A	Mx	.009	5.5
25	MP1B	X	-5.207	.5
26	MP1B	Z	-9.019	.5
27	MP1B	Mx	-.003	.5
28	MP1B	X	-5.207	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	Z	-9.019	5.5
30	MP1B	Mx	-.003	5.5
31	MP1C	X	-4.137	.5
32	MP1C	Z	-7.165	.5
33	MP1C	Mx	-.004	.5
34	MP1C	X	-4.137	5.5
35	MP1C	Z	-7.165	5.5
36	MP1C	Mx	-.004	5.5
37	MP2A	X	-2.246	2
38	MP2A	Z	-3.891	2
39	MP2A	Mx	.001	2
40	MP2A	X	-2.246	4
41	MP2A	Z	-3.891	4
42	MP2A	Mx	.001	4
43	MP2B	X	-2.246	2
44	MP2B	Z	-3.891	2
45	MP2B	Mx	.001	2
46	MP2B	X	-2.246	4
47	MP2B	Z	-3.891	4
48	MP2B	Mx	.001	4
49	MP2C	X	-1.037	2
50	MP2C	Z	-1.797	2
51	MP2C	Mx	-.001	2
52	MP2C	X	-1.037	4
53	MP2C	Z	-1.797	4
54	MP2C	Mx	-.001	4
55	MP2A	X	-1.934	2.5
56	MP2A	Z	-3.349	2.5
57	MP2A	Mx	-.000967	2.5
58	MP2B	X	-1.934	2.5
59	MP2B	Z	-3.349	2.5
60	MP2B	Mx	-.000967	2.5
61	MP2C	X	-1.409	2.5
62	MP2C	Z	-2.441	2.5
63	MP2C	Mx	.001	2.5
64	MP1A	X	-1.902	2.5
65	MP1A	Z	-3.294	2.5
66	MP1A	Mx	-.000951	2.5
67	MP1B	X	-1.902	2.5
68	MP1B	Z	-3.294	2.5
69	MP1B	Mx	-.000951	2.5
70	MP1C	X	-1.282	2.5
71	MP1C	Z	-2.221	2.5
72	MP1C	Mx	.001	2.5
73	MP4A	X	-4.768	.5
74	MP4A	Z	-8.258	.5
75	MP4A	Mx	.002	.5
76	MP4A	X	-4.768	5.5
77	MP4A	Z	-8.258	5.5
78	MP4A	Mx	.002	5.5
79	MP4B	X	-4.63	.5
80	MP4B	Z	-8.019	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP4B	Mx	.003	.5
82	MP4B	X	-4.63	5.5
83	MP4B	Z	-8.019	5.5
84	MP4B	Mx	.003	5.5
85	MP4C	X	-3.461	.5
86	MP4C	Z	-5.995	.5
87	MP4C	Mx	-.003	.5
88	MP4C	X	-3.461	5.5
89	MP4C	Z	-5.995	5.5
90	MP4C	Mx	-.003	5.5
91	M100	X	-4.577	2
92	M100	Z	-7.928	2
93	M100	Mx	0	2
94	M102	X	-4.273	2
95	M102	Z	-7.401	2
96	M102	Mx	0	2

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M73	Y	-500	%12

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M73	Y	-500	%49

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M73	Y	-250	%100

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M73	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-1.025	.5
2	MP1A	My	-.000513	.5
3	MP1A	Mz	.000684	.5
4	MP1A	Y	-1.025	5.5
5	MP1A	My	-.000513	5.5
6	MP1A	Mz	.000684	5.5
7	MP1B	Y	-1.025	.5
8	MP1B	My	-.000336	.5
9	MP1B	Mz	-.000786	.5
10	MP1B	Y	-1.025	5.5
11	MP1B	My	-.000336	5.5
12	MP1B	Mz	-.000786	5.5
13	MP1C	Y	-1.025	.5
14	MP1C	My	.000848	.5

Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP1C	Mz	.000102	.5
16	MP1C	Y	-1.025	5.5
17	MP1C	My	.000848	5.5
18	MP1C	Mz	.000102	5.5
19	MP1A	Y	-1.025	.5
20	MP1A	My	-.000513	.5
21	MP1A	Mz	-.000684	.5
22	MP1A	Y	-1.025	5.5
23	MP1A	My	-.000513	5.5
24	MP1A	Mz	-.000684	5.5
25	MP1B	Y	-1.025	.5
26	MP1B	My	.000848	.5
27	MP1B	Mz	-.000102	.5
28	MP1B	Y	-1.025	5.5
29	MP1B	My	.000848	5.5
30	MP1B	Mz	-.000102	5.5
31	MP1C	Y	-1.025	.5
32	MP1C	My	-.000336	.5
33	MP1C	Mz	.000786	.5
34	MP1C	Y	-1.025	5.5
35	MP1C	My	-.000336	5.5
36	MP1C	Mz	.000786	5.5
37	MP2A	Y	-1.942	2
38	MP2A	My	-.000971	2
39	MP2A	Mz	0	2
40	MP2A	Y	-1.942	4
41	MP2A	My	-.000971	4
42	MP2A	Mz	0	4
43	MP2B	Y	-1.942	2
44	MP2B	My	.000485	2
45	MP2B	Mz	-.000841	2
46	MP2B	Y	-1.942	4
47	MP2B	My	.000485	4
48	MP2B	Mz	-.000841	4
49	MP2C	Y	-1.942	2
50	MP2C	My	.000485	2
51	MP2C	Mz	.000841	2
52	MP2C	Y	-1.942	4
53	MP2C	My	.000485	4
54	MP2C	Mz	.000841	4
55	MP2A	Y	-3.331	2.5
56	MP2A	My	.002	2.5
57	MP2A	Mz	0	2.5
58	MP2B	Y	-3.331	2.5
59	MP2B	My	-.000833	2.5
60	MP2B	Mz	.001	2.5
61	MP2C	Y	-3.331	2.5
62	MP2C	My	-.000833	2.5
63	MP2C	Mz	-.001	2.5
64	MP1A	Y	-3.134	2.5
65	MP1A	My	.002	2.5
66	MP1A	Mz	0	2.5

Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP1B	Y	-3.134	2.5
68	MP1B	My	-.000784	2.5
69	MP1B	Mz	.001	2.5
70	MP1C	Y	-3.134	2.5
71	MP1C	My	-.000784	2.5
72	MP1C	Mz	-.001	2.5
73	MP4A	Y	-1.023	.5
74	MP4A	My	-.000512	.5
75	MP4A	Mz	0	.5
76	MP4A	Y	-1.023	5.5
77	MP4A	My	-.000512	5.5
78	MP4A	Mz	0	5.5
79	MP4B	Y	-1.023	.5
80	MP4B	My	.000216	.5
81	MP4B	Mz	-.000464	.5
82	MP4B	Y	-1.023	5.5
83	MP4B	My	.000216	5.5
84	MP4B	Mz	-.000464	5.5
85	MP4C	Y	-1.023	.5
86	MP4C	My	.000256	.5
87	MP4C	Mz	.000443	.5
88	MP4C	Y	-1.023	5.5
89	MP4C	My	.000256	5.5
90	MP4C	Mz	.000443	5.5
91	M100	Y	-1.427	2
92	M100	My	0	2
93	M100	Mz	0	2
94	M102	Y	-1.427	2
95	M102	My	0	2
96	M102	Mz	0	2

Member Point Loads (BLC 82 : Antenna Eh (0 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Z	-2.564	.5
2	MP1A	Mx	-.002	.5
3	MP1A	Z	-2.564	5.5
4	MP1A	Mx	-.002	5.5
5	MP1B	Z	-2.564	.5
6	MP1B	Mx	.002	.5
7	MP1B	Z	-2.564	5.5
8	MP1B	Mx	.002	5.5
9	MP1C	Z	-2.564	.5
10	MP1C	Mx	-.000256	.5
11	MP1C	Z	-2.564	5.5
12	MP1C	Mx	-.000256	5.5
13	MP1A	Z	-2.564	.5
14	MP1A	Mx	.002	.5
15	MP1A	Z	-2.564	5.5
16	MP1A	Mx	.002	5.5
17	MP1B	Z	-2.564	.5
18	MP1B	Mx	.000256	.5

Member Point Loads (BLC 82 : Antenna Eh (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP1B	Z	-2.564	5.5
20	MP1B	Mx	.000256	5.5
21	MP1C	Z	-2.564	.5
22	MP1C	Mx	-.002	.5
23	MP1C	Z	-2.564	5.5
24	MP1C	Mx	-.002	5.5
25	MP2A	Z	-4.854	2
26	MP2A	Mx	0	2
27	MP2A	Z	-4.854	4
28	MP2A	Mx	0	4
29	MP2B	Z	-4.854	2
30	MP2B	Mx	.002	2
31	MP2B	Z	-4.854	4
32	MP2B	Mx	.002	4
33	MP2C	Z	-4.854	2
34	MP2C	Mx	-.002	2
35	MP2C	Z	-4.854	4
36	MP2C	Mx	-.002	4
37	MP2A	Z	-8.327	2.5
38	MP2A	Mx	0	2.5
39	MP2B	Z	-8.327	2.5
40	MP2B	Mx	-.004	2.5
41	MP2C	Z	-8.327	2.5
42	MP2C	Mx	.004	2.5
43	MP1A	Z	-7.836	2.5
44	MP1A	Mx	0	2.5
45	MP1B	Z	-7.836	2.5
46	MP1B	Mx	-.003	2.5
47	MP1C	Z	-7.836	2.5
48	MP1C	Mx	.003	2.5
49	MP4A	Z	-2.558	.5
50	MP4A	Mx	0	.5
51	MP4A	Z	-2.558	5.5
52	MP4A	Mx	0	5.5
53	MP4B	Z	-2.558	.5
54	MP4B	Mx	.001	.5
55	MP4B	Z	-2.558	5.5
56	MP4B	Mx	.001	5.5
57	MP4C	Z	-2.558	.5
58	MP4C	Mx	-.001	.5
59	MP4C	Z	-2.558	5.5
60	MP4C	Mx	-.001	5.5
61	M100	Z	-3.567	2
62	M100	Mx	0	2
63	M102	Z	-3.567	2
64	M102	Mx	0	2

Member Point Loads (BLC 83 : Antenna Eh (90 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.564	.5
2	MP1A	Mx	-.001	.5

Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP1A	X	2.564	5.5
4	MP1A	Mx	-.001	5.5
5	MP1B	X	2.564	.5
6	MP1B	Mx	-.000839	.5
7	MP1B	X	2.564	5.5
8	MP1B	Mx	-.000839	5.5
9	MP1C	X	2.564	.5
10	MP1C	Mx	.002	.5
11	MP1C	X	2.564	5.5
12	MP1C	Mx	.002	5.5
13	MP1A	X	2.564	.5
14	MP1A	Mx	-.001	.5
15	MP1A	X	2.564	5.5
16	MP1A	Mx	-.001	5.5
17	MP1B	X	2.564	.5
18	MP1B	Mx	.002	.5
19	MP1B	X	2.564	5.5
20	MP1B	Mx	.002	5.5
21	MP1C	X	2.564	.5
22	MP1C	Mx	-.000839	.5
23	MP1C	X	2.564	5.5
24	MP1C	Mx	-.000839	5.5
25	MP2A	X	4.854	2
26	MP2A	Mx	-.002	2
27	MP2A	X	4.854	4
28	MP2A	Mx	-.002	4
29	MP2B	X	4.854	2
30	MP2B	Mx	.001	2
31	MP2B	X	4.854	4
32	MP2B	Mx	.001	4
33	MP2C	X	4.854	2
34	MP2C	Mx	.001	2
35	MP2C	X	4.854	4
36	MP2C	Mx	.001	4
37	MP2A	X	8.327	2.5
38	MP2A	Mx	.004	2.5
39	MP2B	X	8.327	2.5
40	MP2B	Mx	-.002	2.5
41	MP2C	X	8.327	2.5
42	MP2C	Mx	-.002	2.5
43	MP1A	X	7.836	2.5
44	MP1A	Mx	.004	2.5
45	MP1B	X	7.836	2.5
46	MP1B	Mx	-.002	2.5
47	MP1C	X	7.836	2.5
48	MP1C	Mx	-.002	2.5
49	MP4A	X	2.558	.5
50	MP4A	Mx	-.001	.5
51	MP4A	X	2.558	5.5
52	MP4A	Mx	-.001	5.5
53	MP4B	X	2.558	.5
54	MP4B	Mx	.000541	.5

Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP4B	X	2.558	5.5
56	MP4B	Mx	.000541	5.5
57	MP4C	X	2.558	.5
58	MP4C	Mx	.00064	.5
59	MP4C	X	2.558	5.5
60	MP4C	Mx	.00064	5.5
61	M100	X	3.567	2
62	M100	Mx	0	2
63	M102	X	3.567	2
64	M102	Mx	0	2

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-9.831	-9.831	0	%100
2	M2	Y	-9.831	-9.831	0	%100
3	M3	Y	-9.831	-9.831	0	%100
4	M4	Y	-10.355	-10.355	0	%100
5	M7	Y	-5.762	-5.762	0	%100
6	M8	Y	-5.762	-5.762	0	%100
7	M12	Y	-10.342	-10.342	0	%100
8	M13	Y	-10.342	-10.342	0	%100
9	M15	Y	-10.355	-10.355	0	%100
10	M17	Y	-10.342	-10.342	0	%100
11	M18	Y	-10.342	-10.342	0	%100
12	M20	Y	-10.355	-10.355	0	%100
13	M25	Y	-9.831	-9.831	0	%100
14	M26	Y	-9.831	-9.831	0	%100
15	M27	Y	-9.831	-9.831	0	%100
16	M28	Y	-10.355	-10.355	0	%100
17	M31	Y	-5.762	-5.762	0	%100
18	M32	Y	-5.762	-5.762	0	%100
19	M36	Y	-10.342	-10.342	0	%100
20	M37	Y	-10.342	-10.342	0	%100
21	M39	Y	-10.355	-10.355	0	%100
22	M41	Y	-10.342	-10.342	0	%100
23	M42	Y	-10.342	-10.342	0	%100
24	M44	Y	-10.355	-10.355	0	%100
25	M49	Y	-9.831	-9.831	0	%100
26	M50	Y	-9.831	-9.831	0	%100
27	M51	Y	-9.831	-9.831	0	%100
28	M52	Y	-10.355	-10.355	0	%100
29	M55	Y	-5.762	-5.762	0	%100
30	M56	Y	-5.762	-5.762	0	%100
31	M60	Y	-10.342	-10.342	0	%100
32	M61	Y	-10.342	-10.342	0	%100
33	M63	Y	-10.355	-10.355	0	%100
34	M65	Y	-10.342	-10.342	0	%100
35	M66	Y	-10.342	-10.342	0	%100
36	M68	Y	-10.355	-10.355	0	%100
37	M73	Y	-6.729	-6.729	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M74	Y	-6.729	-6.729	0	%100
39	M75	Y	-6.729	-6.729	0	%100
40	MP1A	Y	-5.11	-5.11	0	%100
41	MP2A	Y	-5.11	-5.11	0	%100
42	MP3A	Y	-5.11	-5.11	0	%100
43	MP4A	Y	-5.11	-5.11	0	%100
44	MP1C	Y	-5.11	-5.11	0	%100
45	MP2C	Y	-5.11	-5.11	0	%100
46	MP3C	Y	-5.11	-5.11	0	%100
47	MP4C	Y	-5.11	-5.11	0	%100
48	MP1B	Y	-5.11	-5.11	0	%100
49	MP2B	Y	-5.11	-5.11	0	%100
50	MP3B	Y	-5.11	-5.11	0	%100
51	MP4B	Y	-5.11	-5.11	0	%100
52	M100	Y	-5.11	-5.11	0	%100
53	M102	Y	-5.11	-5.11	0	%100
54	M103	Y	-5.829	-5.829	0	%100
55	M104	Y	-5.829	-5.829	0	%100
56	M105	Y	-5.829	-5.829	0	%100
57	M124	Y	-7.797	-7.797	0	%100
58	M125	Y	-7.797	-7.797	0	%100
59	M126	Y	-7.797	-7.797	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-10.271	-10.271	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-2.897	-2.897	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-2.897	-2.897	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-5.778	-5.778	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-12.835	-12.835	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	-3.209	-3.209	0	%100
13	M12	X	0	0	0	%100
14	M12	Z	-17.335	-17.335	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	-23.542	-23.542	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	-24.796	-24.796	0	%100
19	M17	X	0	0	0	%100
20	M17	Z	-17.335	-17.335	0	%100
21	M18	X	0	0	0	%100
22	M18	Z	-5.885	-5.885	0	%100
23	M20	X	0	0	0	%100
24	M20	Z	-6.199	-6.199	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
27	M26	X	0	0	0	%100
28	M26	Z	-11.588	-11.588	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-11.588	-11.588	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-23.114	-23.114	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	-3.209	-3.209	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	-3.209	-3.209	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-5.885	-5.885	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-6.199	-6.199	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-5.885	-5.885	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-6.199	-6.199	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-10.271	-10.271	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	-2.897	-2.897	0	%100
53	M51	X	0	0	0	%100
54	M51	Z	-2.897	-2.897	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	-5.778	-5.778	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-3.209	-3.209	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	-12.835	-12.835	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	-17.335	-17.335	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-5.885	-5.885	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	-6.199	-6.199	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-17.335	-17.335	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-23.542	-23.542	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	-24.796	-24.796	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-13.483	-13.483	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-3.371	-3.371	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-3.371	-3.371	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP1A	X	0	0	0	%100
80	MP1A	Z	-9.149	-9.149	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-9.149	-9.149	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-9.149	-9.149	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-9.149	-9.149	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-9.149	-9.149	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-9.149	-9.149	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	-9.149	-9.149	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	-9.149	-9.149	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-9.149	-9.149	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-9.149	-9.149	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-9.149	-9.149	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-9.149	-9.149	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-6.84	-6.84	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-8.338	-8.338	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	-11.075	-11.075	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	-2.769	-2.769	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	-2.769	-2.769	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-14.015	-14.015	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-3.504	-3.504	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	-3.504	-3.504	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	6.847	6.847	0	%100
2	M1	Z	-11.86	-11.86	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
9	M7	X	4.813	4.813	0	%100
10	M7	Z	-8.336	-8.336	0	%100
11	M8	X	4.813	4.813	0	%100
12	M8	Z	-8.336	-8.336	0	%100
13	M12	X	11.557	11.557	0	%100
14	M12	Z	-20.017	-20.017	0	%100
15	M13	X	8.828	8.828	0	%100
16	M13	Z	-15.291	-15.291	0	%100
17	M15	X	9.299	9.299	0	%100
18	M15	Z	-16.105	-16.105	0	%100
19	M17	X	11.557	11.557	0	%100
20	M17	Z	-20.017	-20.017	0	%100
21	M18	X	8.828	8.828	0	%100
22	M18	Z	-15.291	-15.291	0	%100
23	M20	X	9.299	9.299	0	%100
24	M20	Z	-16.105	-16.105	0	%100
25	M25	X	1.712	1.712	0	%100
26	M25	Z	-2.965	-2.965	0	%100
27	M26	X	4.346	4.346	0	%100
28	M26	Z	-7.527	-7.527	0	%100
29	M27	X	4.346	4.346	0	%100
30	M27	Z	-7.527	-7.527	0	%100
31	M28	X	8.668	8.668	0	%100
32	M28	Z	-15.013	-15.013	0	%100
33	M31	X	4.813	4.813	0	%100
34	M31	Z	-8.336	-8.336	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	2.889	2.889	0	%100
38	M36	Z	-5.004	-5.004	0	%100
39	M37	X	8.828	8.828	0	%100
40	M37	Z	-15.291	-15.291	0	%100
41	M39	X	9.299	9.299	0	%100
42	M39	Z	-16.105	-16.105	0	%100
43	M41	X	2.889	2.889	0	%100
44	M41	Z	-5.004	-5.004	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	1.712	1.712	0	%100
50	M49	Z	-2.965	-2.965	0	%100
51	M50	X	4.346	4.346	0	%100
52	M50	Z	-7.527	-7.527	0	%100
53	M51	X	4.346	4.346	0	%100
54	M51	Z	-7.527	-7.527	0	%100
55	M52	X	8.668	8.668	0	%100
56	M52	Z	-15.013	-15.013	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	4.813	4.813	0	%100
60	M56	Z	-8.336	-8.336	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M60	X	2.889	2.889	0	%100
62	M60	Z	-5.004	-5.004	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	2.889	2.889	0	%100
68	M65	Z	-5.004	-5.004	0	%100
69	M66	X	8.828	8.828	0	%100
70	M66	Z	-15.291	-15.291	0	%100
71	M68	X	9.299	9.299	0	%100
72	M68	Z	-16.105	-16.105	0	%100
73	M73	X	5.056	5.056	0	%100
74	M73	Z	-8.757	-8.757	0	%100
75	M74	X	5.056	5.056	0	%100
76	M74	Z	-8.757	-8.757	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	4.575	4.575	0	%100
80	MP1A	Z	-7.923	-7.923	0	%100
81	MP2A	X	4.575	4.575	0	%100
82	MP2A	Z	-7.923	-7.923	0	%100
83	MP3A	X	4.575	4.575	0	%100
84	MP3A	Z	-7.923	-7.923	0	%100
85	MP4A	X	4.575	4.575	0	%100
86	MP4A	Z	-7.923	-7.923	0	%100
87	MP1C	X	4.575	4.575	0	%100
88	MP1C	Z	-7.923	-7.923	0	%100
89	MP2C	X	4.575	4.575	0	%100
90	MP2C	Z	-7.923	-7.923	0	%100
91	MP3C	X	4.575	4.575	0	%100
92	MP3C	Z	-7.923	-7.923	0	%100
93	MP4C	X	4.575	4.575	0	%100
94	MP4C	Z	-7.923	-7.923	0	%100
95	MP1B	X	4.575	4.575	0	%100
96	MP1B	Z	-7.923	-7.923	0	%100
97	MP2B	X	4.575	4.575	0	%100
98	MP2B	Z	-7.923	-7.923	0	%100
99	MP3B	X	4.575	4.575	0	%100
100	MP3B	Z	-7.923	-7.923	0	%100
101	MP4B	X	4.575	4.575	0	%100
102	MP4B	Z	-7.923	-7.923	0	%100
103	M100	X	3.42	3.42	0	%100
104	M100	Z	-5.923	-5.923	0	%100
105	M102	X	4.169	4.169	0	%100
106	M102	Z	-7.221	-7.221	0	%100
107	M103	X	4.153	4.153	0	%100
108	M103	Z	-7.194	-7.194	0	%100
109	M104	X	4.153	4.153	0	%100
110	M104	Z	-7.194	-7.194	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
113	M124	X	5.256	5.256	0	%100
114	M124	Z	-9.103	-9.103	0	%100
115	M125	X	5.256	5.256	0	%100
116	M125	Z	-9.103	-9.103	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	8.895	8.895	0	%100
2	M1	Z	-5.136	-5.136	0	%100
3	M2	X	2.509	2.509	0	%100
4	M2	Z	-1.449	-1.449	0	%100
5	M3	X	2.509	2.509	0	%100
6	M3	Z	-1.449	-1.449	0	%100
7	M4	X	5.004	5.004	0	%100
8	M4	Z	-2.889	-2.889	0	%100
9	M7	X	2.779	2.779	0	%100
10	M7	Z	-1.604	-1.604	0	%100
11	M8	X	11.115	11.115	0	%100
12	M8	Z	-6.417	-6.417	0	%100
13	M12	X	15.013	15.013	0	%100
14	M12	Z	-8.668	-8.668	0	%100
15	M13	X	5.097	5.097	0	%100
16	M13	Z	-2.943	-2.943	0	%100
17	M15	X	5.368	5.368	0	%100
18	M15	Z	-3.1	-3.1	0	%100
19	M17	X	15.013	15.013	0	%100
20	M17	Z	-8.668	-8.668	0	%100
21	M18	X	20.388	20.388	0	%100
22	M18	Z	-11.771	-11.771	0	%100
23	M20	X	21.474	21.474	0	%100
24	M20	Z	-12.398	-12.398	0	%100
25	M25	X	8.895	8.895	0	%100
26	M25	Z	-5.136	-5.136	0	%100
27	M26	X	2.509	2.509	0	%100
28	M26	Z	-1.449	-1.449	0	%100
29	M27	X	2.509	2.509	0	%100
30	M27	Z	-1.449	-1.449	0	%100
31	M28	X	5.004	5.004	0	%100
32	M28	Z	-2.889	-2.889	0	%100
33	M31	X	11.115	11.115	0	%100
34	M31	Z	-6.417	-6.417	0	%100
35	M32	X	2.779	2.779	0	%100
36	M32	Z	-1.604	-1.604	0	%100
37	M36	X	15.013	15.013	0	%100
38	M36	Z	-8.668	-8.668	0	%100
39	M37	X	20.388	20.388	0	%100
40	M37	Z	-11.771	-11.771	0	%100
41	M39	X	21.474	21.474	0	%100
42	M39	Z	-12.398	-12.398	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	M41	X	15.013	15.013	0	%100
44	M41	Z	-8.668	-8.668	0	%100
45	M42	X	5.097	5.097	0	%100
46	M42	Z	-2.943	-2.943	0	%100
47	M44	X	5.368	5.368	0	%100
48	M44	Z	-3.1	-3.1	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	10.036	10.036	0	%100
52	M50	Z	-5.794	-5.794	0	%100
53	M51	X	10.036	10.036	0	%100
54	M51	Z	-5.794	-5.794	0	%100
55	M52	X	20.017	20.017	0	%100
56	M52	Z	-11.557	-11.557	0	%100
57	M55	X	2.779	2.779	0	%100
58	M55	Z	-1.604	-1.604	0	%100
59	M56	X	2.779	2.779	0	%100
60	M56	Z	-1.604	-1.604	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	5.097	5.097	0	%100
64	M61	Z	-2.943	-2.943	0	%100
65	M63	X	5.368	5.368	0	%100
66	M63	Z	-3.1	-3.1	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	5.097	5.097	0	%100
70	M66	Z	-2.943	-2.943	0	%100
71	M68	X	5.368	5.368	0	%100
72	M68	Z	-3.1	-3.1	0	%100
73	M73	X	2.919	2.919	0	%100
74	M73	Z	-1.685	-1.685	0	%100
75	M74	X	11.677	11.677	0	%100
76	M74	Z	-6.742	-6.742	0	%100
77	M75	X	2.919	2.919	0	%100
78	M75	Z	-1.685	-1.685	0	%100
79	MP1A	X	7.923	7.923	0	%100
80	MP1A	Z	-4.575	-4.575	0	%100
81	MP2A	X	7.923	7.923	0	%100
82	MP2A	Z	-4.575	-4.575	0	%100
83	MP3A	X	7.923	7.923	0	%100
84	MP3A	Z	-4.575	-4.575	0	%100
85	MP4A	X	7.923	7.923	0	%100
86	MP4A	Z	-4.575	-4.575	0	%100
87	MP1C	X	7.923	7.923	0	%100
88	MP1C	Z	-4.575	-4.575	0	%100
89	MP2C	X	7.923	7.923	0	%100
90	MP2C	Z	-4.575	-4.575	0	%100
91	MP3C	X	7.923	7.923	0	%100
92	MP3C	Z	-4.575	-4.575	0	%100
93	MP4C	X	7.923	7.923	0	%100
94	MP4C	Z	-4.575	-4.575	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP1B	X	7.923	7.923	0	%100
96	MP1B	Z	-4.575	-4.575	0	%100
97	MP2B	X	7.923	7.923	0	%100
98	MP2B	Z	-4.575	-4.575	0	%100
99	MP3B	X	7.923	7.923	0	%100
100	MP3B	Z	-4.575	-4.575	0	%100
101	MP4B	X	7.923	7.923	0	%100
102	MP4B	Z	-4.575	-4.575	0	%100
103	M100	X	5.923	5.923	0	%100
104	M100	Z	-3.42	-3.42	0	%100
105	M102	X	7.221	7.221	0	%100
106	M102	Z	-4.169	-4.169	0	%100
107	M103	X	2.398	2.398	0	%100
108	M103	Z	-1.384	-1.384	0	%100
109	M104	X	9.592	9.592	0	%100
110	M104	Z	-5.538	-5.538	0	%100
111	M105	X	2.398	2.398	0	%100
112	M105	Z	-1.384	-1.384	0	%100
113	M124	X	3.034	3.034	0	%100
114	M124	Z	-1.752	-1.752	0	%100
115	M125	X	12.138	12.138	0	%100
116	M125	Z	-7.008	-7.008	0	%100
117	M126	X	3.034	3.034	0	%100
118	M126	Z	-1.752	-1.752	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.424	3.424	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	8.691	8.691	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	8.691	8.691	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	17.335	17.335	0	%100
8	M4	Z	0	0	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	9.626	9.626	0	%100
12	M8	Z	0	0	0	%100
13	M12	X	5.778	5.778	0	%100
14	M12	Z	0	0	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	0	0	0	%100
19	M17	X	5.778	5.778	0	%100
20	M17	Z	0	0	0	%100
21	M18	X	17.656	17.656	0	%100
22	M18	Z	0	0	0	%100
23	M20	X	18.597	18.597	0	%100
24	M20	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M25	X	13.695	13.695	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	9.626	9.626	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	9.626	9.626	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	23.114	23.114	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	17.656	17.656	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	18.597	18.597	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	23.114	23.114	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	17.656	17.656	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	18.597	18.597	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	3.424	3.424	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	8.691	8.691	0	%100
52	M50	Z	0	0	0	%100
53	M51	X	8.691	8.691	0	%100
54	M51	Z	0	0	0	%100
55	M52	X	17.335	17.335	0	%100
56	M52	Z	0	0	0	%100
57	M55	X	9.626	9.626	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	5.778	5.778	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	17.656	17.656	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	18.597	18.597	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	5.778	5.778	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	10.112	10.112	0	%100
76	M74	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M75	X	10.112	10.112	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	9.149	9.149	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	9.149	9.149	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	9.149	9.149	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	9.149	9.149	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	9.149	9.149	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	9.149	9.149	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	9.149	9.149	0	%100
92	MP3C	Z	0	0	0	%100
93	MP4C	X	9.149	9.149	0	%100
94	MP4C	Z	0	0	0	%100
95	MP1B	X	9.149	9.149	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	9.149	9.149	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	9.149	9.149	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	9.149	9.149	0	%100
102	MP4B	Z	0	0	0	%100
103	M100	X	6.84	6.84	0	%100
104	M100	Z	0	0	0	%100
105	M102	X	8.338	8.338	0	%100
106	M102	Z	0	0	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	8.306	8.306	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	8.306	8.306	0	%100
112	M105	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	10.511	10.511	0	%100
116	M125	Z	0	0	0	%100
117	M126	X	10.511	10.511	0	%100
118	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	10.036	10.036	0	%100
4	M2	Z	5.794	5.794	0	%100
5	M3	X	10.036	10.036	0	%100
6	M3	Z	5.794	5.794	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	M4	X	20.017	20.017	0	%100
8	M4	Z	11.557	11.557	0	%100
9	M7	X	2.779	2.779	0	%100
10	M7	Z	1.604	1.604	0	%100
11	M8	X	2.779	2.779	0	%100
12	M8	Z	1.604	1.604	0	%100
13	M12	X	0	0	0	%100
14	M12	Z	0	0	0	%100
15	M13	X	5.097	5.097	0	%100
16	M13	Z	2.943	2.943	0	%100
17	M15	X	5.368	5.368	0	%100
18	M15	Z	3.1	3.1	0	%100
19	M17	X	0	0	0	%100
20	M17	Z	0	0	0	%100
21	M18	X	5.097	5.097	0	%100
22	M18	Z	2.943	2.943	0	%100
23	M20	X	5.368	5.368	0	%100
24	M20	Z	3.1	3.1	0	%100
25	M25	X	8.895	8.895	0	%100
26	M25	Z	5.136	5.136	0	%100
27	M26	X	2.509	2.509	0	%100
28	M26	Z	1.449	1.449	0	%100
29	M27	X	2.509	2.509	0	%100
30	M27	Z	1.449	1.449	0	%100
31	M28	X	5.004	5.004	0	%100
32	M28	Z	2.889	2.889	0	%100
33	M31	X	2.779	2.779	0	%100
34	M31	Z	1.604	1.604	0	%100
35	M32	X	11.115	11.115	0	%100
36	M32	Z	6.417	6.417	0	%100
37	M36	X	15.013	15.013	0	%100
38	M36	Z	8.668	8.668	0	%100
39	M37	X	5.097	5.097	0	%100
40	M37	Z	2.943	2.943	0	%100
41	M39	X	5.368	5.368	0	%100
42	M39	Z	3.1	3.1	0	%100
43	M41	X	15.013	15.013	0	%100
44	M41	Z	8.668	8.668	0	%100
45	M42	X	20.388	20.388	0	%100
46	M42	Z	11.771	11.771	0	%100
47	M44	X	21.474	21.474	0	%100
48	M44	Z	12.398	12.398	0	%100
49	M49	X	8.895	8.895	0	%100
50	M49	Z	5.136	5.136	0	%100
51	M50	X	2.509	2.509	0	%100
52	M50	Z	1.449	1.449	0	%100
53	M51	X	2.509	2.509	0	%100
54	M51	Z	1.449	1.449	0	%100
55	M52	X	5.004	5.004	0	%100
56	M52	Z	2.889	2.889	0	%100
57	M55	X	11.115	11.115	0	%100
58	M55	Z	6.417	6.417	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M56	X	2.779	2.779	0	%100
60	M56	Z	1.604	1.604	0	%100
61	M60	X	15.013	15.013	0	%100
62	M60	Z	8.668	8.668	0	%100
63	M61	X	20.388	20.388	0	%100
64	M61	Z	11.771	11.771	0	%100
65	M63	X	21.474	21.474	0	%100
66	M63	Z	12.398	12.398	0	%100
67	M65	X	15.013	15.013	0	%100
68	M65	Z	8.668	8.668	0	%100
69	M66	X	5.097	5.097	0	%100
70	M66	Z	2.943	2.943	0	%100
71	M68	X	5.368	5.368	0	%100
72	M68	Z	3.1	3.1	0	%100
73	M73	X	2.919	2.919	0	%100
74	M73	Z	1.685	1.685	0	%100
75	M74	X	2.919	2.919	0	%100
76	M74	Z	1.685	1.685	0	%100
77	M75	X	11.677	11.677	0	%100
78	M75	Z	6.742	6.742	0	%100
79	MP1A	X	7.923	7.923	0	%100
80	MP1A	Z	4.575	4.575	0	%100
81	MP2A	X	7.923	7.923	0	%100
82	MP2A	Z	4.575	4.575	0	%100
83	MP3A	X	7.923	7.923	0	%100
84	MP3A	Z	4.575	4.575	0	%100
85	MP4A	X	7.923	7.923	0	%100
86	MP4A	Z	4.575	4.575	0	%100
87	MP1C	X	7.923	7.923	0	%100
88	MP1C	Z	4.575	4.575	0	%100
89	MP2C	X	7.923	7.923	0	%100
90	MP2C	Z	4.575	4.575	0	%100
91	MP3C	X	7.923	7.923	0	%100
92	MP3C	Z	4.575	4.575	0	%100
93	MP4C	X	7.923	7.923	0	%100
94	MP4C	Z	4.575	4.575	0	%100
95	MP1B	X	7.923	7.923	0	%100
96	MP1B	Z	4.575	4.575	0	%100
97	MP2B	X	7.923	7.923	0	%100
98	MP2B	Z	4.575	4.575	0	%100
99	MP3B	X	7.923	7.923	0	%100
100	MP3B	Z	4.575	4.575	0	%100
101	MP4B	X	7.923	7.923	0	%100
102	MP4B	Z	4.575	4.575	0	%100
103	M100	X	5.923	5.923	0	%100
104	M100	Z	3.42	3.42	0	%100
105	M102	X	7.221	7.221	0	%100
106	M102	Z	4.169	4.169	0	%100
107	M103	X	2.398	2.398	0	%100
108	M103	Z	1.384	1.384	0	%100
109	M104	X	2.398	2.398	0	%100
110	M104	Z	1.384	1.384	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
111	M105	X	9.592	9.592	0	%100
112	M105	Z	5.538	5.538	0	%100
113	M124	X	3.034	3.034	0	%100
114	M124	Z	1.752	1.752	0	%100
115	M125	X	3.034	3.034	0	%100
116	M125	Z	1.752	1.752	0	%100
117	M126	X	12.138	12.138	0	%100
118	M126	Z	7.008	7.008	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.712	1.712	0	%100
2	M1	Z	2.965	2.965	0	%100
3	M2	X	4.346	4.346	0	%100
4	M2	Z	7.527	7.527	0	%100
5	M3	X	4.346	4.346	0	%100
6	M3	Z	7.527	7.527	0	%100
7	M4	X	8.668	8.668	0	%100
8	M4	Z	15.013	15.013	0	%100
9	M7	X	4.813	4.813	0	%100
10	M7	Z	8.336	8.336	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M12	X	2.889	2.889	0	%100
14	M12	Z	5.004	5.004	0	%100
15	M13	X	8.828	8.828	0	%100
16	M13	Z	15.291	15.291	0	%100
17	M15	X	9.299	9.299	0	%100
18	M15	Z	16.105	16.105	0	%100
19	M17	X	2.889	2.889	0	%100
20	M17	Z	5.004	5.004	0	%100
21	M18	X	0	0	0	%100
22	M18	Z	0	0	0	%100
23	M20	X	0	0	0	%100
24	M20	Z	0	0	0	%100
25	M25	X	1.712	1.712	0	%100
26	M25	Z	2.965	2.965	0	%100
27	M26	X	4.346	4.346	0	%100
28	M26	Z	7.527	7.527	0	%100
29	M27	X	4.346	4.346	0	%100
30	M27	Z	7.527	7.527	0	%100
31	M28	X	8.668	8.668	0	%100
32	M28	Z	15.013	15.013	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	4.813	4.813	0	%100
36	M32	Z	8.336	8.336	0	%100
37	M36	X	2.889	2.889	0	%100
38	M36	Z	5.004	5.004	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	2.889	2.889	0	%100
44	M41	Z	5.004	5.004	0	%100
45	M42	X	8.828	8.828	0	%100
46	M42	Z	15.291	15.291	0	%100
47	M44	X	9.299	9.299	0	%100
48	M44	Z	16.105	16.105	0	%100
49	M49	X	6.847	6.847	0	%100
50	M49	Z	11.86	11.86	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M51	X	0	0	0	%100
54	M51	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M55	X	4.813	4.813	0	%100
58	M55	Z	8.336	8.336	0	%100
59	M56	X	4.813	4.813	0	%100
60	M56	Z	8.336	8.336	0	%100
61	M60	X	11.557	11.557	0	%100
62	M60	Z	20.017	20.017	0	%100
63	M61	X	8.828	8.828	0	%100
64	M61	Z	15.291	15.291	0	%100
65	M63	X	9.299	9.299	0	%100
66	M63	Z	16.105	16.105	0	%100
67	M65	X	11.557	11.557	0	%100
68	M65	Z	20.017	20.017	0	%100
69	M66	X	8.828	8.828	0	%100
70	M66	Z	15.291	15.291	0	%100
71	M68	X	9.299	9.299	0	%100
72	M68	Z	16.105	16.105	0	%100
73	M73	X	5.056	5.056	0	%100
74	M73	Z	8.757	8.757	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	5.056	5.056	0	%100
78	M75	Z	8.757	8.757	0	%100
79	MP1A	X	4.575	4.575	0	%100
80	MP1A	Z	7.923	7.923	0	%100
81	MP2A	X	4.575	4.575	0	%100
82	MP2A	Z	7.923	7.923	0	%100
83	MP3A	X	4.575	4.575	0	%100
84	MP3A	Z	7.923	7.923	0	%100
85	MP4A	X	4.575	4.575	0	%100
86	MP4A	Z	7.923	7.923	0	%100
87	MP1C	X	4.575	4.575	0	%100
88	MP1C	Z	7.923	7.923	0	%100
89	MP2C	X	4.575	4.575	0	%100
90	MP2C	Z	7.923	7.923	0	%100
91	MP3C	X	4.575	4.575	0	%100
92	MP3C	Z	7.923	7.923	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
93	MP4C	X	4.575	4.575	0	%100
94	MP4C	Z	7.923	7.923	0	%100
95	MP1B	X	4.575	4.575	0	%100
96	MP1B	Z	7.923	7.923	0	%100
97	MP2B	X	4.575	4.575	0	%100
98	MP2B	Z	7.923	7.923	0	%100
99	MP3B	X	4.575	4.575	0	%100
100	MP3B	Z	7.923	7.923	0	%100
101	MP4B	X	4.575	4.575	0	%100
102	MP4B	Z	7.923	7.923	0	%100
103	M100	X	3.42	3.42	0	%100
104	M100	Z	5.923	5.923	0	%100
105	M102	X	4.169	4.169	0	%100
106	M102	Z	7.221	7.221	0	%100
107	M103	X	4.153	4.153	0	%100
108	M103	Z	7.194	7.194	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	4.153	4.153	0	%100
112	M105	Z	7.194	7.194	0	%100
113	M124	X	5.256	5.256	0	%100
114	M124	Z	9.103	9.103	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	M126	X	5.256	5.256	0	%100
118	M126	Z	9.103	9.103	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	10.271	10.271	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	2.897	2.897	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	2.897	2.897	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	5.778	5.778	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	12.835	12.835	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	3.209	3.209	0	%100
13	M12	X	0	0	0	%100
14	M12	Z	17.335	17.335	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	23.542	23.542	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	24.796	24.796	0	%100
19	M17	X	0	0	0	%100
20	M17	Z	17.335	17.335	0	%100
21	M18	X	0	0	0	%100
22	M18	Z	5.885	5.885	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	M20	X	0	0	0	%100
24	M20	Z	6.199	6.199	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	11.588	11.588	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	11.588	11.588	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	23.114	23.114	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	3.209	3.209	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	3.209	3.209	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	5.885	5.885	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	6.199	6.199	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	5.885	5.885	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	6.199	6.199	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	10.271	10.271	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	2.897	2.897	0	%100
53	M51	X	0	0	0	%100
54	M51	Z	2.897	2.897	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	5.778	5.778	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	3.209	3.209	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	12.835	12.835	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	17.335	17.335	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	5.885	5.885	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	6.199	6.199	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	17.335	17.335	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	23.542	23.542	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	24.796	24.796	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	13.483	13.483	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M74	X	0	0	0	%100
76	M74	Z	3.371	3.371	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	3.371	3.371	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	9.149	9.149	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	9.149	9.149	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	9.149	9.149	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	9.149	9.149	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	9.149	9.149	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	9.149	9.149	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	9.149	9.149	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	9.149	9.149	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	9.149	9.149	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	9.149	9.149	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	9.149	9.149	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	9.149	9.149	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	6.84	6.84	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	8.338	8.338	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	11.075	11.075	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	2.769	2.769	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	2.769	2.769	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	14.015	14.015	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	3.504	3.504	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	3.504	3.504	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-6.847	-6.847	0	%100
2	M1	Z	11.86	11.86	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M7	X	-4.813	-4.813	0	%100
10	M7	Z	8.336	8.336	0	%100
11	M8	X	-4.813	-4.813	0	%100
12	M8	Z	8.336	8.336	0	%100
13	M12	X	-11.557	-11.557	0	%100
14	M12	Z	20.017	20.017	0	%100
15	M13	X	-8.828	-8.828	0	%100
16	M13	Z	15.291	15.291	0	%100
17	M15	X	-9.299	-9.299	0	%100
18	M15	Z	16.105	16.105	0	%100
19	M17	X	-11.557	-11.557	0	%100
20	M17	Z	20.017	20.017	0	%100
21	M18	X	-8.828	-8.828	0	%100
22	M18	Z	15.291	15.291	0	%100
23	M20	X	-9.299	-9.299	0	%100
24	M20	Z	16.105	16.105	0	%100
25	M25	X	-1.712	-1.712	0	%100
26	M25	Z	2.965	2.965	0	%100
27	M26	X	-4.346	-4.346	0	%100
28	M26	Z	7.527	7.527	0	%100
29	M27	X	-4.346	-4.346	0	%100
30	M27	Z	7.527	7.527	0	%100
31	M28	X	-8.668	-8.668	0	%100
32	M28	Z	15.013	15.013	0	%100
33	M31	X	-4.813	-4.813	0	%100
34	M31	Z	8.336	8.336	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	-2.889	-2.889	0	%100
38	M36	Z	5.004	5.004	0	%100
39	M37	X	-8.828	-8.828	0	%100
40	M37	Z	15.291	15.291	0	%100
41	M39	X	-9.299	-9.299	0	%100
42	M39	Z	16.105	16.105	0	%100
43	M41	X	-2.889	-2.889	0	%100
44	M41	Z	5.004	5.004	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-1.712	-1.712	0	%100
50	M49	Z	2.965	2.965	0	%100
51	M50	X	-4.346	-4.346	0	%100
52	M50	Z	7.527	7.527	0	%100
53	M51	X	-4.346	-4.346	0	%100
54	M51	Z	7.527	7.527	0	%100
55	M52	X	-8.668	-8.668	0	%100
56	M52	Z	15.013	15.013	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	-4.813	-4.813	0	%100
60	M56	Z	8.336	8.336	0	%100
61	M60	X	-2.889	-2.889	0	%100
62	M60	Z	5.004	5.004	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	-2.889	-2.889	0	%100
68	M65	Z	5.004	5.004	0	%100
69	M66	X	-8.828	-8.828	0	%100
70	M66	Z	15.291	15.291	0	%100
71	M68	X	-9.299	-9.299	0	%100
72	M68	Z	16.105	16.105	0	%100
73	M73	X	-5.056	-5.056	0	%100
74	M73	Z	8.757	8.757	0	%100
75	M74	X	-5.056	-5.056	0	%100
76	M74	Z	8.757	8.757	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	-4.575	-4.575	0	%100
80	MP1A	Z	7.923	7.923	0	%100
81	MP2A	X	-4.575	-4.575	0	%100
82	MP2A	Z	7.923	7.923	0	%100
83	MP3A	X	-4.575	-4.575	0	%100
84	MP3A	Z	7.923	7.923	0	%100
85	MP4A	X	-4.575	-4.575	0	%100
86	MP4A	Z	7.923	7.923	0	%100
87	MP1C	X	-4.575	-4.575	0	%100
88	MP1C	Z	7.923	7.923	0	%100
89	MP2C	X	-4.575	-4.575	0	%100
90	MP2C	Z	7.923	7.923	0	%100
91	MP3C	X	-4.575	-4.575	0	%100
92	MP3C	Z	7.923	7.923	0	%100
93	MP4C	X	-4.575	-4.575	0	%100
94	MP4C	Z	7.923	7.923	0	%100
95	MP1B	X	-4.575	-4.575	0	%100
96	MP1B	Z	7.923	7.923	0	%100
97	MP2B	X	-4.575	-4.575	0	%100
98	MP2B	Z	7.923	7.923	0	%100
99	MP3B	X	-4.575	-4.575	0	%100
100	MP3B	Z	7.923	7.923	0	%100
101	MP4B	X	-4.575	-4.575	0	%100
102	MP4B	Z	7.923	7.923	0	%100
103	M100	X	-3.42	-3.42	0	%100
104	M100	Z	5.923	5.923	0	%100
105	M102	X	-4.169	-4.169	0	%100
106	M102	Z	7.221	7.221	0	%100
107	M103	X	-4.153	-4.153	0	%100
108	M103	Z	7.194	7.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M104	X	-4.153	-4.153	0	%100
110	M104	Z	7.194	7.194	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	0	0	0	%100
113	M124	X	-5.256	-5.256	0	%100
114	M124	Z	9.103	9.103	0	%100
115	M125	X	-5.256	-5.256	0	%100
116	M125	Z	9.103	9.103	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-8.895	-8.895	0	%100
2	M1	Z	5.136	5.136	0	%100
3	M2	X	-2.509	-2.509	0	%100
4	M2	Z	1.449	1.449	0	%100
5	M3	X	-2.509	-2.509	0	%100
6	M3	Z	1.449	1.449	0	%100
7	M4	X	-5.004	-5.004	0	%100
8	M4	Z	2.889	2.889	0	%100
9	M7	X	-2.779	-2.779	0	%100
10	M7	Z	1.604	1.604	0	%100
11	M8	X	-11.115	-11.115	0	%100
12	M8	Z	6.417	6.417	0	%100
13	M12	X	-15.013	-15.013	0	%100
14	M12	Z	8.668	8.668	0	%100
15	M13	X	-5.097	-5.097	0	%100
16	M13	Z	2.943	2.943	0	%100
17	M15	X	-5.368	-5.368	0	%100
18	M15	Z	3.1	3.1	0	%100
19	M17	X	-15.013	-15.013	0	%100
20	M17	Z	8.668	8.668	0	%100
21	M18	X	-20.388	-20.388	0	%100
22	M18	Z	11.771	11.771	0	%100
23	M20	X	-21.474	-21.474	0	%100
24	M20	Z	12.398	12.398	0	%100
25	M25	X	-8.895	-8.895	0	%100
26	M25	Z	5.136	5.136	0	%100
27	M26	X	-2.509	-2.509	0	%100
28	M26	Z	1.449	1.449	0	%100
29	M27	X	-2.509	-2.509	0	%100
30	M27	Z	1.449	1.449	0	%100
31	M28	X	-5.004	-5.004	0	%100
32	M28	Z	2.889	2.889	0	%100
33	M31	X	-11.115	-11.115	0	%100
34	M31	Z	6.417	6.417	0	%100
35	M32	X	-2.779	-2.779	0	%100
36	M32	Z	1.604	1.604	0	%100
37	M36	X	-15.013	-15.013	0	%100
38	M36	Z	8.668	8.668	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
39	M37	X	-20.388	-20.388	0	%100
40	M37	Z	11.771	11.771	0	%100
41	M39	X	-21.474	-21.474	0	%100
42	M39	Z	12.398	12.398	0	%100
43	M41	X	-15.013	-15.013	0	%100
44	M41	Z	8.668	8.668	0	%100
45	M42	X	-5.097	-5.097	0	%100
46	M42	Z	2.943	2.943	0	%100
47	M44	X	-5.368	-5.368	0	%100
48	M44	Z	3.1	3.1	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	-10.036	-10.036	0	%100
52	M50	Z	5.794	5.794	0	%100
53	M51	X	-10.036	-10.036	0	%100
54	M51	Z	5.794	5.794	0	%100
55	M52	X	-20.017	-20.017	0	%100
56	M52	Z	11.557	11.557	0	%100
57	M55	X	-2.779	-2.779	0	%100
58	M55	Z	1.604	1.604	0	%100
59	M56	X	-2.779	-2.779	0	%100
60	M56	Z	1.604	1.604	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	-5.097	-5.097	0	%100
64	M61	Z	2.943	2.943	0	%100
65	M63	X	-5.368	-5.368	0	%100
66	M63	Z	3.1	3.1	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-5.097	-5.097	0	%100
70	M66	Z	2.943	2.943	0	%100
71	M68	X	-5.368	-5.368	0	%100
72	M68	Z	3.1	3.1	0	%100
73	M73	X	-2.919	-2.919	0	%100
74	M73	Z	1.685	1.685	0	%100
75	M74	X	-11.677	-11.677	0	%100
76	M74	Z	6.742	6.742	0	%100
77	M75	X	-2.919	-2.919	0	%100
78	M75	Z	1.685	1.685	0	%100
79	MP1A	X	-7.923	-7.923	0	%100
80	MP1A	Z	4.575	4.575	0	%100
81	MP2A	X	-7.923	-7.923	0	%100
82	MP2A	Z	4.575	4.575	0	%100
83	MP3A	X	-7.923	-7.923	0	%100
84	MP3A	Z	4.575	4.575	0	%100
85	MP4A	X	-7.923	-7.923	0	%100
86	MP4A	Z	4.575	4.575	0	%100
87	MP1C	X	-7.923	-7.923	0	%100
88	MP1C	Z	4.575	4.575	0	%100
89	MP2C	X	-7.923	-7.923	0	%100
90	MP2C	Z	4.575	4.575	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP3C	X	-7.923	-7.923	0	%100
92	MP3C	Z	4.575	4.575	0	%100
93	MP4C	X	-7.923	-7.923	0	%100
94	MP4C	Z	4.575	4.575	0	%100
95	MP1B	X	-7.923	-7.923	0	%100
96	MP1B	Z	4.575	4.575	0	%100
97	MP2B	X	-7.923	-7.923	0	%100
98	MP2B	Z	4.575	4.575	0	%100
99	MP3B	X	-7.923	-7.923	0	%100
100	MP3B	Z	4.575	4.575	0	%100
101	MP4B	X	-7.923	-7.923	0	%100
102	MP4B	Z	4.575	4.575	0	%100
103	M100	X	-5.923	-5.923	0	%100
104	M100	Z	3.42	3.42	0	%100
105	M102	X	-7.221	-7.221	0	%100
106	M102	Z	4.169	4.169	0	%100
107	M103	X	-2.398	-2.398	0	%100
108	M103	Z	1.384	1.384	0	%100
109	M104	X	-9.592	-9.592	0	%100
110	M104	Z	5.538	5.538	0	%100
111	M105	X	-2.398	-2.398	0	%100
112	M105	Z	1.384	1.384	0	%100
113	M124	X	-3.034	-3.034	0	%100
114	M124	Z	1.752	1.752	0	%100
115	M125	X	-12.138	-12.138	0	%100
116	M125	Z	7.008	7.008	0	%100
117	M126	X	-3.034	-3.034	0	%100
118	M126	Z	1.752	1.752	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.424	-3.424	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-8.691	-8.691	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-8.691	-8.691	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-17.335	-17.335	0	%100
8	M4	Z	0	0	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	-9.626	-9.626	0	%100
12	M8	Z	0	0	0	%100
13	M12	X	-5.778	-5.778	0	%100
14	M12	Z	0	0	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	0	0	0	%100
19	M17	X	-5.778	-5.778	0	%100
20	M17	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
21	M18	X	-17.656	-17.656	0	%100
22	M18	Z	0	0	0	%100
23	M20	X	-18.597	-18.597	0	%100
24	M20	Z	0	0	0	%100
25	M25	X	-13.695	-13.695	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-9.626	-9.626	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	-9.626	-9.626	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	-23.114	-23.114	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-17.656	-17.656	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	-18.597	-18.597	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-23.114	-23.114	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	-17.656	-17.656	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	-18.597	-18.597	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-3.424	-3.424	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	-8.691	-8.691	0	%100
52	M50	Z	0	0	0	%100
53	M51	X	-8.691	-8.691	0	%100
54	M51	Z	0	0	0	%100
55	M52	X	-17.335	-17.335	0	%100
56	M52	Z	0	0	0	%100
57	M55	X	-9.626	-9.626	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-5.778	-5.778	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	-17.656	-17.656	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	-18.597	-18.597	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	-5.778	-5.778	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	-10.112	-10.112	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-10.112	-10.112	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	-9.149	-9.149	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	-9.149	-9.149	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-9.149	-9.149	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-9.149	-9.149	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	-9.149	-9.149	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	-9.149	-9.149	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	-9.149	-9.149	0	%100
92	MP3C	Z	0	0	0	%100
93	MP4C	X	-9.149	-9.149	0	%100
94	MP4C	Z	0	0	0	%100
95	MP1B	X	-9.149	-9.149	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	-9.149	-9.149	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	-9.149	-9.149	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	-9.149	-9.149	0	%100
102	MP4B	Z	0	0	0	%100
103	M100	X	-6.84	-6.84	0	%100
104	M100	Z	0	0	0	%100
105	M102	X	-8.338	-8.338	0	%100
106	M102	Z	0	0	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	-8.306	-8.306	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	-8.306	-8.306	0	%100
112	M105	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-10.511	-10.511	0	%100
116	M125	Z	0	0	0	%100
117	M126	X	-10.511	-10.511	0	%100
118	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
3	M2	X	-10.036	-10.036	0	%100
4	M2	Z	-5.794	-5.794	0	%100
5	M3	X	-10.036	-10.036	0	%100
6	M3	Z	-5.794	-5.794	0	%100
7	M4	X	-20.017	-20.017	0	%100
8	M4	Z	-11.557	-11.557	0	%100
9	M7	X	-2.779	-2.779	0	%100
10	M7	Z	-1.604	-1.604	0	%100
11	M8	X	-2.779	-2.779	0	%100
12	M8	Z	-1.604	-1.604	0	%100
13	M12	X	0	0	0	%100
14	M12	Z	0	0	0	%100
15	M13	X	-5.097	-5.097	0	%100
16	M13	Z	-2.943	-2.943	0	%100
17	M15	X	-5.368	-5.368	0	%100
18	M15	Z	-3.1	-3.1	0	%100
19	M17	X	0	0	0	%100
20	M17	Z	0	0	0	%100
21	M18	X	-5.097	-5.097	0	%100
22	M18	Z	-2.943	-2.943	0	%100
23	M20	X	-5.368	-5.368	0	%100
24	M20	Z	-3.1	-3.1	0	%100
25	M25	X	-8.895	-8.895	0	%100
26	M25	Z	-5.136	-5.136	0	%100
27	M26	X	-2.509	-2.509	0	%100
28	M26	Z	-1.449	-1.449	0	%100
29	M27	X	-2.509	-2.509	0	%100
30	M27	Z	-1.449	-1.449	0	%100
31	M28	X	-5.004	-5.004	0	%100
32	M28	Z	-2.889	-2.889	0	%100
33	M31	X	-2.779	-2.779	0	%100
34	M31	Z	-1.604	-1.604	0	%100
35	M32	X	-11.115	-11.115	0	%100
36	M32	Z	-6.417	-6.417	0	%100
37	M36	X	-15.013	-15.013	0	%100
38	M36	Z	-8.668	-8.668	0	%100
39	M37	X	-5.097	-5.097	0	%100
40	M37	Z	-2.943	-2.943	0	%100
41	M39	X	-5.368	-5.368	0	%100
42	M39	Z	-3.1	-3.1	0	%100
43	M41	X	-15.013	-15.013	0	%100
44	M41	Z	-8.668	-8.668	0	%100
45	M42	X	-20.388	-20.388	0	%100
46	M42	Z	-11.771	-11.771	0	%100
47	M44	X	-21.474	-21.474	0	%100
48	M44	Z	-12.398	-12.398	0	%100
49	M49	X	-8.895	-8.895	0	%100
50	M49	Z	-5.136	-5.136	0	%100
51	M50	X	-2.509	-2.509	0	%100
52	M50	Z	-1.449	-1.449	0	%100
53	M51	X	-2.509	-2.509	0	%100
54	M51	Z	-1.449	-1.449	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
55	M52	X	-5.004	-5.004	0	%100
56	M52	Z	-2.889	-2.889	0	%100
57	M55	X	-11.115	-11.115	0	%100
58	M55	Z	-6.417	-6.417	0	%100
59	M56	X	-2.779	-2.779	0	%100
60	M56	Z	-1.604	-1.604	0	%100
61	M60	X	-15.013	-15.013	0	%100
62	M60	Z	-8.668	-8.668	0	%100
63	M61	X	-20.388	-20.388	0	%100
64	M61	Z	-11.771	-11.771	0	%100
65	M63	X	-21.474	-21.474	0	%100
66	M63	Z	-12.398	-12.398	0	%100
67	M65	X	-15.013	-15.013	0	%100
68	M65	Z	-8.668	-8.668	0	%100
69	M66	X	-5.097	-5.097	0	%100
70	M66	Z	-2.943	-2.943	0	%100
71	M68	X	-5.368	-5.368	0	%100
72	M68	Z	-3.1	-3.1	0	%100
73	M73	X	-2.919	-2.919	0	%100
74	M73	Z	-1.685	-1.685	0	%100
75	M74	X	-2.919	-2.919	0	%100
76	M74	Z	-1.685	-1.685	0	%100
77	M75	X	-11.677	-11.677	0	%100
78	M75	Z	-6.742	-6.742	0	%100
79	MP1A	X	-7.923	-7.923	0	%100
80	MP1A	Z	-4.575	-4.575	0	%100
81	MP2A	X	-7.923	-7.923	0	%100
82	MP2A	Z	-4.575	-4.575	0	%100
83	MP3A	X	-7.923	-7.923	0	%100
84	MP3A	Z	-4.575	-4.575	0	%100
85	MP4A	X	-7.923	-7.923	0	%100
86	MP4A	Z	-4.575	-4.575	0	%100
87	MP1C	X	-7.923	-7.923	0	%100
88	MP1C	Z	-4.575	-4.575	0	%100
89	MP2C	X	-7.923	-7.923	0	%100
90	MP2C	Z	-4.575	-4.575	0	%100
91	MP3C	X	-7.923	-7.923	0	%100
92	MP3C	Z	-4.575	-4.575	0	%100
93	MP4C	X	-7.923	-7.923	0	%100
94	MP4C	Z	-4.575	-4.575	0	%100
95	MP1B	X	-7.923	-7.923	0	%100
96	MP1B	Z	-4.575	-4.575	0	%100
97	MP2B	X	-7.923	-7.923	0	%100
98	MP2B	Z	-4.575	-4.575	0	%100
99	MP3B	X	-7.923	-7.923	0	%100
100	MP3B	Z	-4.575	-4.575	0	%100
101	MP4B	X	-7.923	-7.923	0	%100
102	MP4B	Z	-4.575	-4.575	0	%100
103	M100	X	-5.923	-5.923	0	%100
104	M100	Z	-3.42	-3.42	0	%100
105	M102	X	-7.221	-7.221	0	%100
106	M102	Z	-4.169	-4.169	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
107	M103	X	-2.398	-2.398	0	%100
108	M103	Z	-1.384	-1.384	0	%100
109	M104	X	-2.398	-2.398	0	%100
110	M104	Z	-1.384	-1.384	0	%100
111	M105	X	-9.592	-9.592	0	%100
112	M105	Z	-5.538	-5.538	0	%100
113	M124	X	-3.034	-3.034	0	%100
114	M124	Z	-1.752	-1.752	0	%100
115	M125	X	-3.034	-3.034	0	%100
116	M125	Z	-1.752	-1.752	0	%100
117	M126	X	-12.138	-12.138	0	%100
118	M126	Z	-7.008	-7.008	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.712	-1.712	0	%100
2	M1	Z	-2.965	-2.965	0	%100
3	M2	X	-4.346	-4.346	0	%100
4	M2	Z	-7.527	-7.527	0	%100
5	M3	X	-4.346	-4.346	0	%100
6	M3	Z	-7.527	-7.527	0	%100
7	M4	X	-8.668	-8.668	0	%100
8	M4	Z	-15.013	-15.013	0	%100
9	M7	X	-4.813	-4.813	0	%100
10	M7	Z	-8.336	-8.336	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M12	X	-2.889	-2.889	0	%100
14	M12	Z	-5.004	-5.004	0	%100
15	M13	X	-8.828	-8.828	0	%100
16	M13	Z	-15.291	-15.291	0	%100
17	M15	X	-9.299	-9.299	0	%100
18	M15	Z	-16.105	-16.105	0	%100
19	M17	X	-2.889	-2.889	0	%100
20	M17	Z	-5.004	-5.004	0	%100
21	M18	X	0	0	0	%100
22	M18	Z	0	0	0	%100
23	M20	X	0	0	0	%100
24	M20	Z	0	0	0	%100
25	M25	X	-1.712	-1.712	0	%100
26	M25	Z	-2.965	-2.965	0	%100
27	M26	X	-4.346	-4.346	0	%100
28	M26	Z	-7.527	-7.527	0	%100
29	M27	X	-4.346	-4.346	0	%100
30	M27	Z	-7.527	-7.527	0	%100
31	M28	X	-8.668	-8.668	0	%100
32	M28	Z	-15.013	-15.013	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	-4.813	-4.813	0	%100
36	M32	Z	-8.336	-8.336	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M36	X	-2.889	-2.889	0	%100
38	M36	Z	-5.004	-5.004	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-2.889	-2.889	0	%100
44	M41	Z	-5.004	-5.004	0	%100
45	M42	X	-8.828	-8.828	0	%100
46	M42	Z	-15.291	-15.291	0	%100
47	M44	X	-9.299	-9.299	0	%100
48	M44	Z	-16.105	-16.105	0	%100
49	M49	X	-6.847	-6.847	0	%100
50	M49	Z	-11.86	-11.86	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M51	X	0	0	0	%100
54	M51	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M55	X	-4.813	-4.813	0	%100
58	M55	Z	-8.336	-8.336	0	%100
59	M56	X	-4.813	-4.813	0	%100
60	M56	Z	-8.336	-8.336	0	%100
61	M60	X	-11.557	-11.557	0	%100
62	M60	Z	-20.017	-20.017	0	%100
63	M61	X	-8.828	-8.828	0	%100
64	M61	Z	-15.291	-15.291	0	%100
65	M63	X	-9.299	-9.299	0	%100
66	M63	Z	-16.105	-16.105	0	%100
67	M65	X	-11.557	-11.557	0	%100
68	M65	Z	-20.017	-20.017	0	%100
69	M66	X	-8.828	-8.828	0	%100
70	M66	Z	-15.291	-15.291	0	%100
71	M68	X	-9.299	-9.299	0	%100
72	M68	Z	-16.105	-16.105	0	%100
73	M73	X	-5.056	-5.056	0	%100
74	M73	Z	-8.757	-8.757	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-5.056	-5.056	0	%100
78	M75	Z	-8.757	-8.757	0	%100
79	MP1A	X	-4.575	-4.575	0	%100
80	MP1A	Z	-7.923	-7.923	0	%100
81	MP2A	X	-4.575	-4.575	0	%100
82	MP2A	Z	-7.923	-7.923	0	%100
83	MP3A	X	-4.575	-4.575	0	%100
84	MP3A	Z	-7.923	-7.923	0	%100
85	MP4A	X	-4.575	-4.575	0	%100
86	MP4A	Z	-7.923	-7.923	0	%100
87	MP1C	X	-4.575	-4.575	0	%100
88	MP1C	Z	-7.923	-7.923	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	MP2C	X	-4.575	-4.575	0	%100
90	MP2C	Z	-7.923	-7.923	0	%100
91	MP3C	X	-4.575	-4.575	0	%100
92	MP3C	Z	-7.923	-7.923	0	%100
93	MP4C	X	-4.575	-4.575	0	%100
94	MP4C	Z	-7.923	-7.923	0	%100
95	MP1B	X	-4.575	-4.575	0	%100
96	MP1B	Z	-7.923	-7.923	0	%100
97	MP2B	X	-4.575	-4.575	0	%100
98	MP2B	Z	-7.923	-7.923	0	%100
99	MP3B	X	-4.575	-4.575	0	%100
100	MP3B	Z	-7.923	-7.923	0	%100
101	MP4B	X	-4.575	-4.575	0	%100
102	MP4B	Z	-7.923	-7.923	0	%100
103	M100	X	-3.42	-3.42	0	%100
104	M100	Z	-5.923	-5.923	0	%100
105	M102	X	-4.169	-4.169	0	%100
106	M102	Z	-7.221	-7.221	0	%100
107	M103	X	-4.153	-4.153	0	%100
108	M103	Z	-7.194	-7.194	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	-4.153	-4.153	0	%100
112	M105	Z	-7.194	-7.194	0	%100
113	M124	X	-5.256	-5.256	0	%100
114	M124	Z	-9.103	-9.103	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	M126	X	-5.256	-5.256	0	%100
118	M126	Z	-9.103	-9.103	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-2.776	-2.776	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-.752	-.752	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.752	-.752	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-1.173	-1.173	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-3.458	-3.458	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	-.865	-.865	0	%100
13	M12	X	0	0	0	%100
14	M12	Z	-3.464	-3.464	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	-4.688	-4.688	0	%100
17	M15	X	0	0	0	%100
18	M15	Z	-4.892	-4.892	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M17	X	0	0	0	%100
20	M17	Z	-3.464	-3.464	0	%100
21	M18	X	0	0	0	%100
22	M18	Z	-1.172	-1.172	0	%100
23	M20	X	0	0	0	%100
24	M20	Z	-1.223	-1.223	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-3.007	-3.007	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-3.007	-3.007	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-4.694	-4.694	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	-.865	-.865	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	-.865	-.865	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-1.172	-1.172	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-1.223	-1.223	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-1.172	-1.172	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-1.223	-1.223	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-2.776	-2.776	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	-.752	-.752	0	%100
53	M51	X	0	0	0	%100
54	M51	Z	-.752	-.752	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	-1.173	-1.173	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-.865	-.865	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	-3.458	-3.458	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	-3.464	-3.464	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-1.172	-1.172	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	-1.223	-1.223	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-3.464	-3.464	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-4.688	-4.688	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
71	M68	X	0	0	0	%100
72	M68	Z	-4.892	-4.892	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-3.667	-3.667	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-.917	-.917	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-.917	-.917	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	-2.963	-2.963	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-2.963	-2.963	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-2.963	-2.963	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-2.963	-2.963	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-2.963	-2.963	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-2.963	-2.963	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	-2.963	-2.963	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	-2.963	-2.963	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-2.963	-2.963	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-2.963	-2.963	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-2.963	-2.963	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-2.963	-2.963	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-2.217	-2.217	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-2.705	-2.705	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	-3.276	-3.276	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	-.819	-.819	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	-.819	-.819	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-3.372	-3.372	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.843	-.843	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	-.843	-.843	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.851	1.851	0	%100
2	M1	Z	-3.206	-3.206	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M7	X	1.297	1.297	0	%100
10	M7	Z	-2.246	-2.246	0	%100
11	M8	X	1.297	1.297	0	%100
12	M8	Z	-2.246	-2.246	0	%100
13	M12	X	2.309	2.309	0	%100
14	M12	Z	-4	-4	0	%100
15	M13	X	1.758	1.758	0	%100
16	M13	Z	-3.045	-3.045	0	%100
17	M15	X	1.835	1.835	0	%100
18	M15	Z	-3.177	-3.177	0	%100
19	M17	X	2.309	2.309	0	%100
20	M17	Z	-4	-4	0	%100
21	M18	X	1.758	1.758	0	%100
22	M18	Z	-3.045	-3.045	0	%100
23	M20	X	1.835	1.835	0	%100
24	M20	Z	-3.177	-3.177	0	%100
25	M25	X	.463	.463	0	%100
26	M25	Z	-.801	-.801	0	%100
27	M26	X	1.128	1.128	0	%100
28	M26	Z	-1.953	-1.953	0	%100
29	M27	X	1.128	1.128	0	%100
30	M27	Z	-1.953	-1.953	0	%100
31	M28	X	1.76	1.76	0	%100
32	M28	Z	-3.049	-3.049	0	%100
33	M31	X	1.297	1.297	0	%100
34	M31	Z	-2.246	-2.246	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	.577	.577	0	%100
38	M36	Z	-1	-1	0	%100
39	M37	X	1.758	1.758	0	%100
40	M37	Z	-3.045	-3.045	0	%100
41	M39	X	1.835	1.835	0	%100
42	M39	Z	-3.177	-3.177	0	%100
43	M41	X	.577	.577	0	%100
44	M41	Z	-1	-1	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	.463	.463	0	%100
50	M49	Z	-.801	-.801	0	%100
51	M50	X	1.128	1.128	0	%100
52	M50	Z	-1.953	-1.953	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M51	X	1.128	1.128	0	%100
54	M51	Z	-1.953	-1.953	0	%100
55	M52	X	1.76	1.76	0	%100
56	M52	Z	-3.049	-3.049	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	1.297	1.297	0	%100
60	M56	Z	-2.246	-2.246	0	%100
61	M60	X	.577	.577	0	%100
62	M60	Z	-1	-1	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	.577	.577	0	%100
68	M65	Z	-1	-1	0	%100
69	M66	X	1.758	1.758	0	%100
70	M66	Z	-3.045	-3.045	0	%100
71	M68	X	1.835	1.835	0	%100
72	M68	Z	-3.177	-3.177	0	%100
73	M73	X	1.375	1.375	0	%100
74	M73	Z	-2.382	-2.382	0	%100
75	M74	X	1.375	1.375	0	%100
76	M74	Z	-2.382	-2.382	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	1.481	1.481	0	%100
80	MP1A	Z	-2.566	-2.566	0	%100
81	MP2A	X	1.481	1.481	0	%100
82	MP2A	Z	-2.566	-2.566	0	%100
83	MP3A	X	1.481	1.481	0	%100
84	MP3A	Z	-2.566	-2.566	0	%100
85	MP4A	X	1.481	1.481	0	%100
86	MP4A	Z	-2.566	-2.566	0	%100
87	MP1C	X	1.481	1.481	0	%100
88	MP1C	Z	-2.566	-2.566	0	%100
89	MP2C	X	1.481	1.481	0	%100
90	MP2C	Z	-2.566	-2.566	0	%100
91	MP3C	X	1.481	1.481	0	%100
92	MP3C	Z	-2.566	-2.566	0	%100
93	MP4C	X	1.481	1.481	0	%100
94	MP4C	Z	-2.566	-2.566	0	%100
95	MP1B	X	1.481	1.481	0	%100
96	MP1B	Z	-2.566	-2.566	0	%100
97	MP2B	X	1.481	1.481	0	%100
98	MP2B	Z	-2.566	-2.566	0	%100
99	MP3B	X	1.481	1.481	0	%100
100	MP3B	Z	-2.566	-2.566	0	%100
101	MP4B	X	1.481	1.481	0	%100
102	MP4B	Z	-2.566	-2.566	0	%100
103	M100	X	1.109	1.109	0	%100
104	M100	Z	-1.92	-1.92	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M102	X	1.352	1.352	0	%100
106	M102	Z	-2.342	-2.342	0	%100
107	M103	X	1.228	1.228	0	%100
108	M103	Z	-2.128	-2.128	0	%100
109	M104	X	1.228	1.228	0	%100
110	M104	Z	-2.128	-2.128	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	0	0	0	%100
113	M124	X	1.265	1.265	0	%100
114	M124	Z	-2.19	-2.19	0	%100
115	M125	X	1.265	1.265	0	%100
116	M125	Z	-2.19	-2.19	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.404	2.404	0	%100
2	M1	Z	-1.388	-1.388	0	%100
3	M2	X	.651	.651	0	%100
4	M2	Z	-.376	-.376	0	%100
5	M3	X	.651	.651	0	%100
6	M3	Z	-.376	-.376	0	%100
7	M4	X	1.016	1.016	0	%100
8	M4	Z	-.587	-.587	0	%100
9	M7	X	.749	.749	0	%100
10	M7	Z	-.432	-.432	0	%100
11	M8	X	2.995	2.995	0	%100
12	M8	Z	-1.729	-1.729	0	%100
13	M12	X	3	3	0	%100
14	M12	Z	-1.732	-1.732	0	%100
15	M13	X	1.015	1.015	0	%100
16	M13	Z	-.586	-.586	0	%100
17	M15	X	1.059	1.059	0	%100
18	M15	Z	-.612	-.612	0	%100
19	M17	X	3	3	0	%100
20	M17	Z	-1.732	-1.732	0	%100
21	M18	X	4.06	4.06	0	%100
22	M18	Z	-2.344	-2.344	0	%100
23	M20	X	4.237	4.237	0	%100
24	M20	Z	-2.446	-2.446	0	%100
25	M25	X	2.404	2.404	0	%100
26	M25	Z	-1.388	-1.388	0	%100
27	M26	X	.651	.651	0	%100
28	M26	Z	-.376	-.376	0	%100
29	M27	X	.651	.651	0	%100
30	M27	Z	-.376	-.376	0	%100
31	M28	X	1.016	1.016	0	%100
32	M28	Z	-.587	-.587	0	%100
33	M31	X	2.995	2.995	0	%100
34	M31	Z	-1.729	-1.729	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M32	X	.749	.749	0	%100
36	M32	Z	-.432	-.432	0	%100
37	M36	X	3	3	0	%100
38	M36	Z	-1.732	-1.732	0	%100
39	M37	X	4.06	4.06	0	%100
40	M37	Z	-2.344	-2.344	0	%100
41	M39	X	4.237	4.237	0	%100
42	M39	Z	-2.446	-2.446	0	%100
43	M41	X	3	3	0	%100
44	M41	Z	-1.732	-1.732	0	%100
45	M42	X	1.015	1.015	0	%100
46	M42	Z	-.586	-.586	0	%100
47	M44	X	1.059	1.059	0	%100
48	M44	Z	-.612	-.612	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	2.604	2.604	0	%100
52	M50	Z	-1.503	-1.503	0	%100
53	M51	X	2.604	2.604	0	%100
54	M51	Z	-1.503	-1.503	0	%100
55	M52	X	4.065	4.065	0	%100
56	M52	Z	-2.347	-2.347	0	%100
57	M55	X	.749	.749	0	%100
58	M55	Z	-.432	-.432	0	%100
59	M56	X	.749	.749	0	%100
60	M56	Z	-.432	-.432	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	1.015	1.015	0	%100
64	M61	Z	-.586	-.586	0	%100
65	M63	X	1.059	1.059	0	%100
66	M63	Z	-.612	-.612	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	1.015	1.015	0	%100
70	M66	Z	-.586	-.586	0	%100
71	M68	X	1.059	1.059	0	%100
72	M68	Z	-.612	-.612	0	%100
73	M73	X	.794	.794	0	%100
74	M73	Z	-.458	-.458	0	%100
75	M74	X	3.176	3.176	0	%100
76	M74	Z	-1.834	-1.834	0	%100
77	M75	X	.794	.794	0	%100
78	M75	Z	-.458	-.458	0	%100
79	MP1A	X	2.566	2.566	0	%100
80	MP1A	Z	-1.481	-1.481	0	%100
81	MP2A	X	2.566	2.566	0	%100
82	MP2A	Z	-1.481	-1.481	0	%100
83	MP3A	X	2.566	2.566	0	%100
84	MP3A	Z	-1.481	-1.481	0	%100
85	MP4A	X	2.566	2.566	0	%100
86	MP4A	Z	-1.481	-1.481	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	MP1C	X	2.566	2.566	0	%100
88	MP1C	Z	-1.481	-1.481	0	%100
89	MP2C	X	2.566	2.566	0	%100
90	MP2C	Z	-1.481	-1.481	0	%100
91	MP3C	X	2.566	2.566	0	%100
92	MP3C	Z	-1.481	-1.481	0	%100
93	MP4C	X	2.566	2.566	0	%100
94	MP4C	Z	-1.481	-1.481	0	%100
95	MP1B	X	2.566	2.566	0	%100
96	MP1B	Z	-1.481	-1.481	0	%100
97	MP2B	X	2.566	2.566	0	%100
98	MP2B	Z	-1.481	-1.481	0	%100
99	MP3B	X	2.566	2.566	0	%100
100	MP3B	Z	-1.481	-1.481	0	%100
101	MP4B	X	2.566	2.566	0	%100
102	MP4B	Z	-1.481	-1.481	0	%100
103	M100	X	1.92	1.92	0	%100
104	M100	Z	-1.109	-1.109	0	%100
105	M102	X	2.342	2.342	0	%100
106	M102	Z	-1.352	-1.352	0	%100
107	M103	X	.709	.709	0	%100
108	M103	Z	-.409	-.409	0	%100
109	M104	X	2.837	2.837	0	%100
110	M104	Z	-1.638	-1.638	0	%100
111	M105	X	.709	.709	0	%100
112	M105	Z	-.409	-.409	0	%100
113	M124	X	.73	.73	0	%100
114	M124	Z	-.422	-.422	0	%100
115	M125	X	2.92	2.92	0	%100
116	M125	Z	-1.686	-1.686	0	%100
117	M126	X	.73	.73	0	%100
118	M126	Z	-.422	-.422	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.925	.925	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	2.255	2.255	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	2.255	2.255	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	3.52	3.52	0	%100
8	M4	Z	0	0	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	2.594	2.594	0	%100
12	M8	Z	0	0	0	%100
13	M12	X	1.155	1.155	0	%100
14	M12	Z	0	0	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M15	X	0	0	0	%100
18	M15	Z	0	0	0	%100
19	M17	X	1.155	1.155	0	%100
20	M17	Z	0	0	0	%100
21	M18	X	3.516	3.516	0	%100
22	M18	Z	0	0	0	%100
23	M20	X	3.669	3.669	0	%100
24	M20	Z	0	0	0	%100
25	M25	X	3.702	3.702	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	2.594	2.594	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	2.594	2.594	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	4.618	4.618	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	3.516	3.516	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	3.669	3.669	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	4.618	4.618	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	3.516	3.516	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	3.669	3.669	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	.925	.925	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	2.255	2.255	0	%100
52	M50	Z	0	0	0	%100
53	M51	X	2.255	2.255	0	%100
54	M51	Z	0	0	0	%100
55	M52	X	3.52	3.52	0	%100
56	M52	Z	0	0	0	%100
57	M55	X	2.594	2.594	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	1.155	1.155	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	3.516	3.516	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	3.669	3.669	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	1.155	1.155	0	%100
68	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	2.75	2.75	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	2.75	2.75	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	2.963	2.963	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	2.963	2.963	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	2.963	2.963	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	2.963	2.963	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	2.963	2.963	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	2.963	2.963	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	2.963	2.963	0	%100
92	MP3C	Z	0	0	0	%100
93	MP4C	X	2.963	2.963	0	%100
94	MP4C	Z	0	0	0	%100
95	MP1B	X	2.963	2.963	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	2.963	2.963	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	2.963	2.963	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	2.963	2.963	0	%100
102	MP4B	Z	0	0	0	%100
103	M100	X	2.217	2.217	0	%100
104	M100	Z	0	0	0	%100
105	M102	X	2.705	2.705	0	%100
106	M102	Z	0	0	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	2.457	2.457	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	2.457	2.457	0	%100
112	M105	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	2.529	2.529	0	%100
116	M125	Z	0	0	0	%100
117	M126	X	2.529	2.529	0	%100
118	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	2.604	2.604	0	%100
4	M2	Z	1.503	1.503	0	%100
5	M3	X	2.604	2.604	0	%100
6	M3	Z	1.503	1.503	0	%100
7	M4	X	4.065	4.065	0	%100
8	M4	Z	2.347	2.347	0	%100
9	M7	X	.749	.749	0	%100
10	M7	Z	.432	.432	0	%100
11	M8	X	.749	.749	0	%100
12	M8	Z	.432	.432	0	%100
13	M12	X	0	0	0	%100
14	M12	Z	0	0	0	%100
15	M13	X	1.015	1.015	0	%100
16	M13	Z	.586	.586	0	%100
17	M15	X	1.059	1.059	0	%100
18	M15	Z	.612	.612	0	%100
19	M17	X	0	0	0	%100
20	M17	Z	0	0	0	%100
21	M18	X	1.015	1.015	0	%100
22	M18	Z	.586	.586	0	%100
23	M20	X	1.059	1.059	0	%100
24	M20	Z	.612	.612	0	%100
25	M25	X	2.404	2.404	0	%100
26	M25	Z	1.388	1.388	0	%100
27	M26	X	.651	.651	0	%100
28	M26	Z	.376	.376	0	%100
29	M27	X	.651	.651	0	%100
30	M27	Z	.376	.376	0	%100
31	M28	X	1.016	1.016	0	%100
32	M28	Z	.587	.587	0	%100
33	M31	X	.749	.749	0	%100
34	M31	Z	.432	.432	0	%100
35	M32	X	2.995	2.995	0	%100
36	M32	Z	1.729	1.729	0	%100
37	M36	X	3	3	0	%100
38	M36	Z	1.732	1.732	0	%100
39	M37	X	1.015	1.015	0	%100
40	M37	Z	.586	.586	0	%100
41	M39	X	1.059	1.059	0	%100
42	M39	Z	.612	.612	0	%100
43	M41	X	3	3	0	%100
44	M41	Z	1.732	1.732	0	%100
45	M42	X	4.06	4.06	0	%100
46	M42	Z	2.344	2.344	0	%100
47	M44	X	4.237	4.237	0	%100
48	M44	Z	2.446	2.446	0	%100
49	M49	X	2.404	2.404	0	%100
50	M49	Z	1.388	1.388	0	%100
51	M50	X	.651	.651	0	%100
52	M50	Z	.376	.376	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M51	X	.651	.651	0	%100
54	M51	Z	.376	.376	0	%100
55	M52	X	1.016	1.016	0	%100
56	M52	Z	.587	.587	0	%100
57	M55	X	2.995	2.995	0	%100
58	M55	Z	1.729	1.729	0	%100
59	M56	X	.749	.749	0	%100
60	M56	Z	.432	.432	0	%100
61	M60	X	3	3	0	%100
62	M60	Z	1.732	1.732	0	%100
63	M61	X	4.06	4.06	0	%100
64	M61	Z	2.344	2.344	0	%100
65	M63	X	4.237	4.237	0	%100
66	M63	Z	2.446	2.446	0	%100
67	M65	X	3	3	0	%100
68	M65	Z	1.732	1.732	0	%100
69	M66	X	1.015	1.015	0	%100
70	M66	Z	.586	.586	0	%100
71	M68	X	1.059	1.059	0	%100
72	M68	Z	.612	.612	0	%100
73	M73	X	.794	.794	0	%100
74	M73	Z	.458	.458	0	%100
75	M74	X	.794	.794	0	%100
76	M74	Z	.458	.458	0	%100
77	M75	X	3.176	3.176	0	%100
78	M75	Z	1.834	1.834	0	%100
79	MP1A	X	2.566	2.566	0	%100
80	MP1A	Z	1.481	1.481	0	%100
81	MP2A	X	2.566	2.566	0	%100
82	MP2A	Z	1.481	1.481	0	%100
83	MP3A	X	2.566	2.566	0	%100
84	MP3A	Z	1.481	1.481	0	%100
85	MP4A	X	2.566	2.566	0	%100
86	MP4A	Z	1.481	1.481	0	%100
87	MP1C	X	2.566	2.566	0	%100
88	MP1C	Z	1.481	1.481	0	%100
89	MP2C	X	2.566	2.566	0	%100
90	MP2C	Z	1.481	1.481	0	%100
91	MP3C	X	2.566	2.566	0	%100
92	MP3C	Z	1.481	1.481	0	%100
93	MP4C	X	2.566	2.566	0	%100
94	MP4C	Z	1.481	1.481	0	%100
95	MP1B	X	2.566	2.566	0	%100
96	MP1B	Z	1.481	1.481	0	%100
97	MP2B	X	2.566	2.566	0	%100
98	MP2B	Z	1.481	1.481	0	%100
99	MP3B	X	2.566	2.566	0	%100
100	MP3B	Z	1.481	1.481	0	%100
101	MP4B	X	2.566	2.566	0	%100
102	MP4B	Z	1.481	1.481	0	%100
103	M100	X	1.92	1.92	0	%100
104	M100	Z	1.109	1.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M102	X	2.342	2.342	0	%100
106	M102	Z	1.352	1.352	0	%100
107	M103	X	.709	.709	0	%100
108	M103	Z	.409	.409	0	%100
109	M104	X	.709	.709	0	%100
110	M104	Z	.409	.409	0	%100
111	M105	X	2.837	2.837	0	%100
112	M105	Z	1.638	1.638	0	%100
113	M124	X	.73	.73	0	%100
114	M124	Z	.422	.422	0	%100
115	M125	X	.73	.73	0	%100
116	M125	Z	.422	.422	0	%100
117	M126	X	2.92	2.92	0	%100
118	M126	Z	1.686	1.686	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.463	.463	0	%100
2	M1	Z	.801	.801	0	%100
3	M2	X	1.128	1.128	0	%100
4	M2	Z	1.953	1.953	0	%100
5	M3	X	1.128	1.128	0	%100
6	M3	Z	1.953	1.953	0	%100
7	M4	X	1.76	1.76	0	%100
8	M4	Z	3.049	3.049	0	%100
9	M7	X	1.297	1.297	0	%100
10	M7	Z	2.246	2.246	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M12	X	.577	.577	0	%100
14	M12	Z	1	1	0	%100
15	M13	X	1.758	1.758	0	%100
16	M13	Z	3.045	3.045	0	%100
17	M15	X	1.835	1.835	0	%100
18	M15	Z	3.177	3.177	0	%100
19	M17	X	.577	.577	0	%100
20	M17	Z	1	1	0	%100
21	M18	X	0	0	0	%100
22	M18	Z	0	0	0	%100
23	M20	X	0	0	0	%100
24	M20	Z	0	0	0	%100
25	M25	X	.463	.463	0	%100
26	M25	Z	.801	.801	0	%100
27	M26	X	1.128	1.128	0	%100
28	M26	Z	1.953	1.953	0	%100
29	M27	X	1.128	1.128	0	%100
30	M27	Z	1.953	1.953	0	%100
31	M28	X	1.76	1.76	0	%100
32	M28	Z	3.049	3.049	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M32	X	1.297	1.297	0	%100
36	M32	Z	2.246	2.246	0	%100
37	M36	X	.577	.577	0	%100
38	M36	Z	1	1	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	.577	.577	0	%100
44	M41	Z	1	1	0	%100
45	M42	X	1.758	1.758	0	%100
46	M42	Z	3.045	3.045	0	%100
47	M44	X	1.835	1.835	0	%100
48	M44	Z	3.177	3.177	0	%100
49	M49	X	1.851	1.851	0	%100
50	M49	Z	3.206	3.206	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M51	X	0	0	0	%100
54	M51	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M55	X	1.297	1.297	0	%100
58	M55	Z	2.246	2.246	0	%100
59	M56	X	1.297	1.297	0	%100
60	M56	Z	2.246	2.246	0	%100
61	M60	X	2.309	2.309	0	%100
62	M60	Z	4	4	0	%100
63	M61	X	1.758	1.758	0	%100
64	M61	Z	3.045	3.045	0	%100
65	M63	X	1.835	1.835	0	%100
66	M63	Z	3.177	3.177	0	%100
67	M65	X	2.309	2.309	0	%100
68	M65	Z	4	4	0	%100
69	M66	X	1.758	1.758	0	%100
70	M66	Z	3.045	3.045	0	%100
71	M68	X	1.835	1.835	0	%100
72	M68	Z	3.177	3.177	0	%100
73	M73	X	1.375	1.375	0	%100
74	M73	Z	2.382	2.382	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	1.375	1.375	0	%100
78	M75	Z	2.382	2.382	0	%100
79	MP1A	X	1.481	1.481	0	%100
80	MP1A	Z	2.566	2.566	0	%100
81	MP2A	X	1.481	1.481	0	%100
82	MP2A	Z	2.566	2.566	0	%100
83	MP3A	X	1.481	1.481	0	%100
84	MP3A	Z	2.566	2.566	0	%100
85	MP4A	X	1.481	1.481	0	%100
86	MP4A	Z	2.566	2.566	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	MP1C	X	1.481	1.481	0	%100
88	MP1C	Z	2.566	2.566	0	%100
89	MP2C	X	1.481	1.481	0	%100
90	MP2C	Z	2.566	2.566	0	%100
91	MP3C	X	1.481	1.481	0	%100
92	MP3C	Z	2.566	2.566	0	%100
93	MP4C	X	1.481	1.481	0	%100
94	MP4C	Z	2.566	2.566	0	%100
95	MP1B	X	1.481	1.481	0	%100
96	MP1B	Z	2.566	2.566	0	%100
97	MP2B	X	1.481	1.481	0	%100
98	MP2B	Z	2.566	2.566	0	%100
99	MP3B	X	1.481	1.481	0	%100
100	MP3B	Z	2.566	2.566	0	%100
101	MP4B	X	1.481	1.481	0	%100
102	MP4B	Z	2.566	2.566	0	%100
103	M100	X	1.109	1.109	0	%100
104	M100	Z	1.92	1.92	0	%100
105	M102	X	1.352	1.352	0	%100
106	M102	Z	2.342	2.342	0	%100
107	M103	X	1.228	1.228	0	%100
108	M103	Z	2.128	2.128	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	1.228	1.228	0	%100
112	M105	Z	2.128	2.128	0	%100
113	M124	X	1.265	1.265	0	%100
114	M124	Z	2.19	2.19	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	M126	X	1.265	1.265	0	%100
118	M126	Z	2.19	2.19	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	2.776	2.776	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	.752	.752	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.752	.752	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	1.173	1.173	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	3.458	3.458	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	.865	.865	0	%100
13	M12	X	0	0	0	%100
14	M12	Z	3.464	3.464	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	4.688	4.688	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M15	X	0	0	0	%100
18	M15	Z	4.892	4.892	0	%100
19	M17	X	0	0	0	%100
20	M17	Z	3.464	3.464	0	%100
21	M18	X	0	0	0	%100
22	M18	Z	1.172	1.172	0	%100
23	M20	X	0	0	0	%100
24	M20	Z	1.223	1.223	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	3.007	3.007	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	3.007	3.007	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	4.694	4.694	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	.865	.865	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	.865	.865	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	1.172	1.172	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	1.223	1.223	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	1.172	1.172	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	1.223	1.223	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	2.776	2.776	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	.752	.752	0	%100
53	M51	X	0	0	0	%100
54	M51	Z	.752	.752	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	1.173	1.173	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	.865	.865	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	3.458	3.458	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	3.464	3.464	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	1.172	1.172	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	1.223	1.223	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	3.464	3.464	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M66	X	0	0	0	%100
70	M66	Z	4.688	4.688	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	4.892	4.892	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	3.667	3.667	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	.917	.917	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	.917	.917	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	2.963	2.963	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	2.963	2.963	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	2.963	2.963	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	2.963	2.963	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	2.963	2.963	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	2.963	2.963	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	2.963	2.963	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	2.963	2.963	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	2.963	2.963	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	2.963	2.963	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	2.963	2.963	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	2.963	2.963	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	2.217	2.217	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	2.705	2.705	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	3.276	3.276	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	.819	.819	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	.819	.819	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	3.372	3.372	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.843	.843	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	.843	.843	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.851	-1.851	0	%100
2	M1	Z	3.206	3.206	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M7	X	-1.297	-1.297	0	%100
10	M7	Z	2.246	2.246	0	%100
11	M8	X	-1.297	-1.297	0	%100
12	M8	Z	2.246	2.246	0	%100
13	M12	X	-2.309	-2.309	0	%100
14	M12	Z	4	4	0	%100
15	M13	X	-1.758	-1.758	0	%100
16	M13	Z	3.045	3.045	0	%100
17	M15	X	-1.835	-1.835	0	%100
18	M15	Z	3.177	3.177	0	%100
19	M17	X	-2.309	-2.309	0	%100
20	M17	Z	4	4	0	%100
21	M18	X	-1.758	-1.758	0	%100
22	M18	Z	3.045	3.045	0	%100
23	M20	X	-1.835	-1.835	0	%100
24	M20	Z	3.177	3.177	0	%100
25	M25	X	-.463	-.463	0	%100
26	M25	Z	.801	.801	0	%100
27	M26	X	-1.128	-1.128	0	%100
28	M26	Z	1.953	1.953	0	%100
29	M27	X	-1.128	-1.128	0	%100
30	M27	Z	1.953	1.953	0	%100
31	M28	X	-1.76	-1.76	0	%100
32	M28	Z	3.049	3.049	0	%100
33	M31	X	-1.297	-1.297	0	%100
34	M31	Z	2.246	2.246	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	-.577	-.577	0	%100
38	M36	Z	1	1	0	%100
39	M37	X	-1.758	-1.758	0	%100
40	M37	Z	3.045	3.045	0	%100
41	M39	X	-1.835	-1.835	0	%100
42	M39	Z	3.177	3.177	0	%100
43	M41	X	-.577	-.577	0	%100
44	M41	Z	1	1	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-.463	-.463	0	%100
50	M49	Z	.801	.801	0	%100
51	M50	X	-1.128	-1.128	0	%100
52	M50	Z	1.953	1.953	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M51	X	-1.128	-1.128	0	%100
54	M51	Z	1.953	1.953	0	%100
55	M52	X	-1.76	-1.76	0	%100
56	M52	Z	3.049	3.049	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	-1.297	-1.297	0	%100
60	M56	Z	2.246	2.246	0	%100
61	M60	X	-.577	-.577	0	%100
62	M60	Z	1	1	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	-.577	-.577	0	%100
68	M65	Z	1	1	0	%100
69	M66	X	-1.758	-1.758	0	%100
70	M66	Z	3.045	3.045	0	%100
71	M68	X	-1.835	-1.835	0	%100
72	M68	Z	3.177	3.177	0	%100
73	M73	X	-1.375	-1.375	0	%100
74	M73	Z	2.382	2.382	0	%100
75	M74	X	-1.375	-1.375	0	%100
76	M74	Z	2.382	2.382	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	-1.481	-1.481	0	%100
80	MP1A	Z	2.566	2.566	0	%100
81	MP2A	X	-1.481	-1.481	0	%100
82	MP2A	Z	2.566	2.566	0	%100
83	MP3A	X	-1.481	-1.481	0	%100
84	MP3A	Z	2.566	2.566	0	%100
85	MP4A	X	-1.481	-1.481	0	%100
86	MP4A	Z	2.566	2.566	0	%100
87	MP1C	X	-1.481	-1.481	0	%100
88	MP1C	Z	2.566	2.566	0	%100
89	MP2C	X	-1.481	-1.481	0	%100
90	MP2C	Z	2.566	2.566	0	%100
91	MP3C	X	-1.481	-1.481	0	%100
92	MP3C	Z	2.566	2.566	0	%100
93	MP4C	X	-1.481	-1.481	0	%100
94	MP4C	Z	2.566	2.566	0	%100
95	MP1B	X	-1.481	-1.481	0	%100
96	MP1B	Z	2.566	2.566	0	%100
97	MP2B	X	-1.481	-1.481	0	%100
98	MP2B	Z	2.566	2.566	0	%100
99	MP3B	X	-1.481	-1.481	0	%100
100	MP3B	Z	2.566	2.566	0	%100
101	MP4B	X	-1.481	-1.481	0	%100
102	MP4B	Z	2.566	2.566	0	%100
103	M100	X	-1.109	-1.109	0	%100
104	M100	Z	1.92	1.92	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M102	X	-1.352	-1.352	0	%100
106	M102	Z	2.342	2.342	0	%100
107	M103	X	-1.228	-1.228	0	%100
108	M103	Z	2.128	2.128	0	%100
109	M104	X	-1.228	-1.228	0	%100
110	M104	Z	2.128	2.128	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	0	0	0	%100
113	M124	X	-1.265	-1.265	0	%100
114	M124	Z	2.19	2.19	0	%100
115	M125	X	-1.265	-1.265	0	%100
116	M125	Z	2.19	2.19	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.404	-2.404	0	%100
2	M1	Z	1.388	1.388	0	%100
3	M2	X	-.651	-.651	0	%100
4	M2	Z	.376	.376	0	%100
5	M3	X	-.651	-.651	0	%100
6	M3	Z	.376	.376	0	%100
7	M4	X	-1.016	-1.016	0	%100
8	M4	Z	.587	.587	0	%100
9	M7	X	-.749	-.749	0	%100
10	M7	Z	.432	.432	0	%100
11	M8	X	-2.995	-2.995	0	%100
12	M8	Z	1.729	1.729	0	%100
13	M12	X	-3	-3	0	%100
14	M12	Z	1.732	1.732	0	%100
15	M13	X	-1.015	-1.015	0	%100
16	M13	Z	.586	.586	0	%100
17	M15	X	-1.059	-1.059	0	%100
18	M15	Z	.612	.612	0	%100
19	M17	X	-3	-3	0	%100
20	M17	Z	1.732	1.732	0	%100
21	M18	X	-4.06	-4.06	0	%100
22	M18	Z	2.344	2.344	0	%100
23	M20	X	-4.237	-4.237	0	%100
24	M20	Z	2.446	2.446	0	%100
25	M25	X	-2.404	-2.404	0	%100
26	M25	Z	1.388	1.388	0	%100
27	M26	X	-.651	-.651	0	%100
28	M26	Z	.376	.376	0	%100
29	M27	X	-.651	-.651	0	%100
30	M27	Z	.376	.376	0	%100
31	M28	X	-1.016	-1.016	0	%100
32	M28	Z	.587	.587	0	%100
33	M31	X	-2.995	-2.995	0	%100
34	M31	Z	1.729	1.729	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M32	X	-.749	-.749	0	%100
36	M32	Z	.432	.432	0	%100
37	M36	X	-3	-3	0	%100
38	M36	Z	1.732	1.732	0	%100
39	M37	X	-4.06	-4.06	0	%100
40	M37	Z	2.344	2.344	0	%100
41	M39	X	-4.237	-4.237	0	%100
42	M39	Z	2.446	2.446	0	%100
43	M41	X	-3	-3	0	%100
44	M41	Z	1.732	1.732	0	%100
45	M42	X	-1.015	-1.015	0	%100
46	M42	Z	.586	.586	0	%100
47	M44	X	-1.059	-1.059	0	%100
48	M44	Z	.612	.612	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	-2.604	-2.604	0	%100
52	M50	Z	1.503	1.503	0	%100
53	M51	X	-2.604	-2.604	0	%100
54	M51	Z	1.503	1.503	0	%100
55	M52	X	-4.065	-4.065	0	%100
56	M52	Z	2.347	2.347	0	%100
57	M55	X	-.749	-.749	0	%100
58	M55	Z	.432	.432	0	%100
59	M56	X	-.749	-.749	0	%100
60	M56	Z	.432	.432	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	-1.015	-1.015	0	%100
64	M61	Z	.586	.586	0	%100
65	M63	X	-1.059	-1.059	0	%100
66	M63	Z	.612	.612	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-1.015	-1.015	0	%100
70	M66	Z	.586	.586	0	%100
71	M68	X	-1.059	-1.059	0	%100
72	M68	Z	.612	.612	0	%100
73	M73	X	-.794	-.794	0	%100
74	M73	Z	.458	.458	0	%100
75	M74	X	-3.176	-3.176	0	%100
76	M74	Z	1.834	1.834	0	%100
77	M75	X	-.794	-.794	0	%100
78	M75	Z	.458	.458	0	%100
79	MP1A	X	-2.566	-2.566	0	%100
80	MP1A	Z	1.481	1.481	0	%100
81	MP2A	X	-2.566	-2.566	0	%100
82	MP2A	Z	1.481	1.481	0	%100
83	MP3A	X	-2.566	-2.566	0	%100
84	MP3A	Z	1.481	1.481	0	%100
85	MP4A	X	-2.566	-2.566	0	%100
86	MP4A	Z	1.481	1.481	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	MP1C	X	-2.566	-2.566	0	%100
88	MP1C	Z	1.481	1.481	0	%100
89	MP2C	X	-2.566	-2.566	0	%100
90	MP2C	Z	1.481	1.481	0	%100
91	MP3C	X	-2.566	-2.566	0	%100
92	MP3C	Z	1.481	1.481	0	%100
93	MP4C	X	-2.566	-2.566	0	%100
94	MP4C	Z	1.481	1.481	0	%100
95	MP1B	X	-2.566	-2.566	0	%100
96	MP1B	Z	1.481	1.481	0	%100
97	MP2B	X	-2.566	-2.566	0	%100
98	MP2B	Z	1.481	1.481	0	%100
99	MP3B	X	-2.566	-2.566	0	%100
100	MP3B	Z	1.481	1.481	0	%100
101	MP4B	X	-2.566	-2.566	0	%100
102	MP4B	Z	1.481	1.481	0	%100
103	M100	X	-1.92	-1.92	0	%100
104	M100	Z	1.109	1.109	0	%100
105	M102	X	-2.342	-2.342	0	%100
106	M102	Z	1.352	1.352	0	%100
107	M103	X	-.709	-.709	0	%100
108	M103	Z	.409	.409	0	%100
109	M104	X	-2.837	-2.837	0	%100
110	M104	Z	1.638	1.638	0	%100
111	M105	X	-.709	-.709	0	%100
112	M105	Z	.409	.409	0	%100
113	M124	X	-.73	-.73	0	%100
114	M124	Z	.422	.422	0	%100
115	M125	X	-2.92	-2.92	0	%100
116	M125	Z	1.686	1.686	0	%100
117	M126	X	-.73	-.73	0	%100
118	M126	Z	.422	.422	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.925	-.925	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-2.255	-2.255	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-2.255	-2.255	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-3.52	-3.52	0	%100
8	M4	Z	0	0	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	-2.594	-2.594	0	%100
12	M8	Z	0	0	0	%100
13	M12	X	-1.155	-1.155	0	%100
14	M12	Z	0	0	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M15	X	0	0	0	%100
18	M15	Z	0	0	0	%100
19	M17	X	-1.155	-1.155	0	%100
20	M17	Z	0	0	0	%100
21	M18	X	-3.516	-3.516	0	%100
22	M18	Z	0	0	0	%100
23	M20	X	-3.669	-3.669	0	%100
24	M20	Z	0	0	0	%100
25	M25	X	-3.702	-3.702	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-2.594	-2.594	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	-2.594	-2.594	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	-4.618	-4.618	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-3.516	-3.516	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	-3.669	-3.669	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-4.618	-4.618	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	-3.516	-3.516	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	-3.669	-3.669	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-.925	-.925	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	-2.255	-2.255	0	%100
52	M50	Z	0	0	0	%100
53	M51	X	-2.255	-2.255	0	%100
54	M51	Z	0	0	0	%100
55	M52	X	-3.52	-3.52	0	%100
56	M52	Z	0	0	0	%100
57	M55	X	-2.594	-2.594	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-1.155	-1.155	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	-3.516	-3.516	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	-3.669	-3.669	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	-1.155	-1.155	0	%100
68	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	-2.75	-2.75	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-2.75	-2.75	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	-2.963	-2.963	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	-2.963	-2.963	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-2.963	-2.963	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-2.963	-2.963	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	-2.963	-2.963	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	-2.963	-2.963	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	-2.963	-2.963	0	%100
92	MP3C	Z	0	0	0	%100
93	MP4C	X	-2.963	-2.963	0	%100
94	MP4C	Z	0	0	0	%100
95	MP1B	X	-2.963	-2.963	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	-2.963	-2.963	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	-2.963	-2.963	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	-2.963	-2.963	0	%100
102	MP4B	Z	0	0	0	%100
103	M100	X	-2.217	-2.217	0	%100
104	M100	Z	0	0	0	%100
105	M102	X	-2.705	-2.705	0	%100
106	M102	Z	0	0	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	-2.457	-2.457	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	-2.457	-2.457	0	%100
112	M105	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-2.529	-2.529	0	%100
116	M125	Z	0	0	0	%100
117	M126	X	-2.529	-2.529	0	%100
118	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-2.604	-2.604	0	%100
4	M2	Z	-1.503	-1.503	0	%100
5	M3	X	-2.604	-2.604	0	%100
6	M3	Z	-1.503	-1.503	0	%100
7	M4	X	-4.065	-4.065	0	%100
8	M4	Z	-2.347	-2.347	0	%100
9	M7	X	-.749	-.749	0	%100
10	M7	Z	-.432	-.432	0	%100
11	M8	X	-.749	-.749	0	%100
12	M8	Z	-.432	-.432	0	%100
13	M12	X	0	0	0	%100
14	M12	Z	0	0	0	%100
15	M13	X	-1.015	-1.015	0	%100
16	M13	Z	-.586	-.586	0	%100
17	M15	X	-1.059	-1.059	0	%100
18	M15	Z	-.612	-.612	0	%100
19	M17	X	0	0	0	%100
20	M17	Z	0	0	0	%100
21	M18	X	-1.015	-1.015	0	%100
22	M18	Z	-.586	-.586	0	%100
23	M20	X	-1.059	-1.059	0	%100
24	M20	Z	-.612	-.612	0	%100
25	M25	X	-2.404	-2.404	0	%100
26	M25	Z	-1.388	-1.388	0	%100
27	M26	X	-.651	-.651	0	%100
28	M26	Z	-.376	-.376	0	%100
29	M27	X	-.651	-.651	0	%100
30	M27	Z	-.376	-.376	0	%100
31	M28	X	-1.016	-1.016	0	%100
32	M28	Z	-.587	-.587	0	%100
33	M31	X	-.749	-.749	0	%100
34	M31	Z	-.432	-.432	0	%100
35	M32	X	-2.995	-2.995	0	%100
36	M32	Z	-1.729	-1.729	0	%100
37	M36	X	-3	-3	0	%100
38	M36	Z	-1.732	-1.732	0	%100
39	M37	X	-1.015	-1.015	0	%100
40	M37	Z	-.586	-.586	0	%100
41	M39	X	-1.059	-1.059	0	%100
42	M39	Z	-.612	-.612	0	%100
43	M41	X	-3	-3	0	%100
44	M41	Z	-1.732	-1.732	0	%100
45	M42	X	-4.06	-4.06	0	%100
46	M42	Z	-2.344	-2.344	0	%100
47	M44	X	-4.237	-4.237	0	%100
48	M44	Z	-2.446	-2.446	0	%100
49	M49	X	-2.404	-2.404	0	%100
50	M49	Z	-1.388	-1.388	0	%100
51	M50	X	-.651	-.651	0	%100
52	M50	Z	-.376	-.376	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M51	X	-.651	-.651	0	%100
54	M51	Z	-.376	-.376	0	%100
55	M52	X	-1.016	-1.016	0	%100
56	M52	Z	-.587	-.587	0	%100
57	M55	X	-2.995	-2.995	0	%100
58	M55	Z	-1.729	-1.729	0	%100
59	M56	X	-.749	-.749	0	%100
60	M56	Z	-.432	-.432	0	%100
61	M60	X	-3	-3	0	%100
62	M60	Z	-1.732	-1.732	0	%100
63	M61	X	-4.06	-4.06	0	%100
64	M61	Z	-2.344	-2.344	0	%100
65	M63	X	-4.237	-4.237	0	%100
66	M63	Z	-2.446	-2.446	0	%100
67	M65	X	-3	-3	0	%100
68	M65	Z	-1.732	-1.732	0	%100
69	M66	X	-1.015	-1.015	0	%100
70	M66	Z	-.586	-.586	0	%100
71	M68	X	-1.059	-1.059	0	%100
72	M68	Z	-.612	-.612	0	%100
73	M73	X	-.794	-.794	0	%100
74	M73	Z	-.458	-.458	0	%100
75	M74	X	-.794	-.794	0	%100
76	M74	Z	-.458	-.458	0	%100
77	M75	X	-3.176	-3.176	0	%100
78	M75	Z	-1.834	-1.834	0	%100
79	MP1A	X	-2.566	-2.566	0	%100
80	MP1A	Z	-1.481	-1.481	0	%100
81	MP2A	X	-2.566	-2.566	0	%100
82	MP2A	Z	-1.481	-1.481	0	%100
83	MP3A	X	-2.566	-2.566	0	%100
84	MP3A	Z	-1.481	-1.481	0	%100
85	MP4A	X	-2.566	-2.566	0	%100
86	MP4A	Z	-1.481	-1.481	0	%100
87	MP1C	X	-2.566	-2.566	0	%100
88	MP1C	Z	-1.481	-1.481	0	%100
89	MP2C	X	-2.566	-2.566	0	%100
90	MP2C	Z	-1.481	-1.481	0	%100
91	MP3C	X	-2.566	-2.566	0	%100
92	MP3C	Z	-1.481	-1.481	0	%100
93	MP4C	X	-2.566	-2.566	0	%100
94	MP4C	Z	-1.481	-1.481	0	%100
95	MP1B	X	-2.566	-2.566	0	%100
96	MP1B	Z	-1.481	-1.481	0	%100
97	MP2B	X	-2.566	-2.566	0	%100
98	MP2B	Z	-1.481	-1.481	0	%100
99	MP3B	X	-2.566	-2.566	0	%100
100	MP3B	Z	-1.481	-1.481	0	%100
101	MP4B	X	-2.566	-2.566	0	%100
102	MP4B	Z	-1.481	-1.481	0	%100
103	M100	X	-1.92	-1.92	0	%100
104	M100	Z	-1.109	-1.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M102	X	-2.342	-2.342	0	%100
106	M102	Z	-1.352	-1.352	0	%100
107	M103	X	-.709	-.709	0	%100
108	M103	Z	-.409	-.409	0	%100
109	M104	X	-.709	-.709	0	%100
110	M104	Z	-.409	-.409	0	%100
111	M105	X	-2.837	-2.837	0	%100
112	M105	Z	-1.638	-1.638	0	%100
113	M124	X	-.73	-.73	0	%100
114	M124	Z	-.422	-.422	0	%100
115	M125	X	-.73	-.73	0	%100
116	M125	Z	-.422	-.422	0	%100
117	M126	X	-2.92	-2.92	0	%100
118	M126	Z	-1.686	-1.686	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.463	-.463	0	%100
2	M1	Z	-.801	-.801	0	%100
3	M2	X	-1.128	-1.128	0	%100
4	M2	Z	-1.953	-1.953	0	%100
5	M3	X	-1.128	-1.128	0	%100
6	M3	Z	-1.953	-1.953	0	%100
7	M4	X	-1.76	-1.76	0	%100
8	M4	Z	-3.049	-3.049	0	%100
9	M7	X	-1.297	-1.297	0	%100
10	M7	Z	-2.246	-2.246	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M12	X	-.577	-.577	0	%100
14	M12	Z	-1	-1	0	%100
15	M13	X	-1.758	-1.758	0	%100
16	M13	Z	-3.045	-3.045	0	%100
17	M15	X	-1.835	-1.835	0	%100
18	M15	Z	-3.177	-3.177	0	%100
19	M17	X	-.577	-.577	0	%100
20	M17	Z	-1	-1	0	%100
21	M18	X	0	0	0	%100
22	M18	Z	0	0	0	%100
23	M20	X	0	0	0	%100
24	M20	Z	0	0	0	%100
25	M25	X	-.463	-.463	0	%100
26	M25	Z	-.801	-.801	0	%100
27	M26	X	-1.128	-1.128	0	%100
28	M26	Z	-1.953	-1.953	0	%100
29	M27	X	-1.128	-1.128	0	%100
30	M27	Z	-1.953	-1.953	0	%100
31	M28	X	-1.76	-1.76	0	%100
32	M28	Z	-3.049	-3.049	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M32	X	-1.297	-1.297	0	%100
36	M32	Z	-2.246	-2.246	0	%100
37	M36	X	-.577	-.577	0	%100
38	M36	Z	-1	-1	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-.577	-.577	0	%100
44	M41	Z	-1	-1	0	%100
45	M42	X	-1.758	-1.758	0	%100
46	M42	Z	-3.045	-3.045	0	%100
47	M44	X	-1.835	-1.835	0	%100
48	M44	Z	-3.177	-3.177	0	%100
49	M49	X	-1.851	-1.851	0	%100
50	M49	Z	-3.206	-3.206	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M51	X	0	0	0	%100
54	M51	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M55	X	-1.297	-1.297	0	%100
58	M55	Z	-2.246	-2.246	0	%100
59	M56	X	-1.297	-1.297	0	%100
60	M56	Z	-2.246	-2.246	0	%100
61	M60	X	-2.309	-2.309	0	%100
62	M60	Z	-4	-4	0	%100
63	M61	X	-1.758	-1.758	0	%100
64	M61	Z	-3.045	-3.045	0	%100
65	M63	X	-1.835	-1.835	0	%100
66	M63	Z	-3.177	-3.177	0	%100
67	M65	X	-2.309	-2.309	0	%100
68	M65	Z	-4	-4	0	%100
69	M66	X	-1.758	-1.758	0	%100
70	M66	Z	-3.045	-3.045	0	%100
71	M68	X	-1.835	-1.835	0	%100
72	M68	Z	-3.177	-3.177	0	%100
73	M73	X	-1.375	-1.375	0	%100
74	M73	Z	-2.382	-2.382	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-1.375	-1.375	0	%100
78	M75	Z	-2.382	-2.382	0	%100
79	MP1A	X	-1.481	-1.481	0	%100
80	MP1A	Z	-2.566	-2.566	0	%100
81	MP2A	X	-1.481	-1.481	0	%100
82	MP2A	Z	-2.566	-2.566	0	%100
83	MP3A	X	-1.481	-1.481	0	%100
84	MP3A	Z	-2.566	-2.566	0	%100
85	MP4A	X	-1.481	-1.481	0	%100
86	MP4A	Z	-2.566	-2.566	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	MP1C	X	-1.481	-1.481	0	%100
88	MP1C	Z	-2.566	-2.566	0	%100
89	MP2C	X	-1.481	-1.481	0	%100
90	MP2C	Z	-2.566	-2.566	0	%100
91	MP3C	X	-1.481	-1.481	0	%100
92	MP3C	Z	-2.566	-2.566	0	%100
93	MP4C	X	-1.481	-1.481	0	%100
94	MP4C	Z	-2.566	-2.566	0	%100
95	MP1B	X	-1.481	-1.481	0	%100
96	MP1B	Z	-2.566	-2.566	0	%100
97	MP2B	X	-1.481	-1.481	0	%100
98	MP2B	Z	-2.566	-2.566	0	%100
99	MP3B	X	-1.481	-1.481	0	%100
100	MP3B	Z	-2.566	-2.566	0	%100
101	MP4B	X	-1.481	-1.481	0	%100
102	MP4B	Z	-2.566	-2.566	0	%100
103	M100	X	-1.109	-1.109	0	%100
104	M100	Z	-1.92	-1.92	0	%100
105	M102	X	-1.352	-1.352	0	%100
106	M102	Z	-2.342	-2.342	0	%100
107	M103	X	-1.228	-1.228	0	%100
108	M103	Z	-2.128	-2.128	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	-1.228	-1.228	0	%100
112	M105	Z	-2.128	-2.128	0	%100
113	M124	X	-1.265	-1.265	0	%100
114	M124	Z	-2.19	-2.19	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	M126	X	-1.265	-1.265	0	%100
118	M126	Z	-2.19	-2.19	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.601	-.601	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-.17	-.17	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.17	-.17	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-.338	-.338	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-.751	-.751	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	-.188	-.188	0	%100
13	M12	X	0	0	0	%100
14	M12	Z	-1.015	-1.015	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	-1.378	-1.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M15	X	0	0	0	%100
18	M15	Z	-1.451	-1.451	0	%100
19	M17	X	0	0	0	%100
20	M17	Z	-1.015	-1.015	0	%100
21	M18	X	0	0	0	%100
22	M18	Z	-.344	-.344	0	%100
23	M20	X	0	0	0	%100
24	M20	Z	-.363	-.363	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-.678	-.678	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.678	-.678	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-1.353	-1.353	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	-.188	-.188	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	-.188	-.188	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-.344	-.344	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-.363	-.363	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-.344	-.344	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-.363	-.363	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-.601	-.601	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	-.17	-.17	0	%100
53	M51	X	0	0	0	%100
54	M51	Z	-.17	-.17	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	-.338	-.338	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-.188	-.188	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	-.751	-.751	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	-1.015	-1.015	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-.344	-.344	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	-.363	-.363	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-1.015	-1.015	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M66	X	0	0	0	%100
70	M66	Z	-1.378	-1.378	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	-1.451	-1.451	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-.789	-.789	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-.197	-.197	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-.197	-.197	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	-.536	-.536	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-.536	-.536	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-.536	-.536	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-.536	-.536	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-.536	-.536	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-.536	-.536	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	-.536	-.536	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	-.536	-.536	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-.536	-.536	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-.536	-.536	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-.536	-.536	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-.536	-.536	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-.4	-.4	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-.488	-.488	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	-.648	-.648	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	-.162	-.162	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	-.162	-.162	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-.82	-.82	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.205	-.205	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	-.205	-.205	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.401	.401	0	%100
2	M1	Z	-.694	-.694	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M7	X	.282	.282	0	%100
10	M7	Z	-.488	-.488	0	%100
11	M8	X	.282	.282	0	%100
12	M8	Z	-.488	-.488	0	%100
13	M12	X	.676	.676	0	%100
14	M12	Z	-1.172	-1.172	0	%100
15	M13	X	.517	.517	0	%100
16	M13	Z	-.895	-.895	0	%100
17	M15	X	.544	.544	0	%100
18	M15	Z	-.943	-.943	0	%100
19	M17	X	.676	.676	0	%100
20	M17	Z	-1.172	-1.172	0	%100
21	M18	X	.517	.517	0	%100
22	M18	Z	-.895	-.895	0	%100
23	M20	X	.544	.544	0	%100
24	M20	Z	-.943	-.943	0	%100
25	M25	X	.1	.1	0	%100
26	M25	Z	-.174	-.174	0	%100
27	M26	X	.254	.254	0	%100
28	M26	Z	-.441	-.441	0	%100
29	M27	X	.254	.254	0	%100
30	M27	Z	-.441	-.441	0	%100
31	M28	X	.507	.507	0	%100
32	M28	Z	-.879	-.879	0	%100
33	M31	X	.282	.282	0	%100
34	M31	Z	-.488	-.488	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	.169	.169	0	%100
38	M36	Z	-.293	-.293	0	%100
39	M37	X	.517	.517	0	%100
40	M37	Z	-.895	-.895	0	%100
41	M39	X	.544	.544	0	%100
42	M39	Z	-.943	-.943	0	%100
43	M41	X	.169	.169	0	%100
44	M41	Z	-.293	-.293	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	.1	.1	0	%100
50	M49	Z	-.174	-.174	0	%100
51	M50	X	.254	.254	0	%100
52	M50	Z	-.441	-.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M51	X	.254	.254	0	%100
54	M51	Z	-.441	-.441	0	%100
55	M52	X	.507	.507	0	%100
56	M52	Z	-.879	-.879	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	.282	.282	0	%100
60	M56	Z	-.488	-.488	0	%100
61	M60	X	.169	.169	0	%100
62	M60	Z	-.293	-.293	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	.169	.169	0	%100
68	M65	Z	-.293	-.293	0	%100
69	M66	X	.517	.517	0	%100
70	M66	Z	-.895	-.895	0	%100
71	M68	X	.544	.544	0	%100
72	M68	Z	-.943	-.943	0	%100
73	M73	X	.296	.296	0	%100
74	M73	Z	-.513	-.513	0	%100
75	M74	X	.296	.296	0	%100
76	M74	Z	-.513	-.513	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	.268	.268	0	%100
80	MP1A	Z	-.464	-.464	0	%100
81	MP2A	X	.268	.268	0	%100
82	MP2A	Z	-.464	-.464	0	%100
83	MP3A	X	.268	.268	0	%100
84	MP3A	Z	-.464	-.464	0	%100
85	MP4A	X	.268	.268	0	%100
86	MP4A	Z	-.464	-.464	0	%100
87	MP1C	X	.268	.268	0	%100
88	MP1C	Z	-.464	-.464	0	%100
89	MP2C	X	.268	.268	0	%100
90	MP2C	Z	-.464	-.464	0	%100
91	MP3C	X	.268	.268	0	%100
92	MP3C	Z	-.464	-.464	0	%100
93	MP4C	X	.268	.268	0	%100
94	MP4C	Z	-.464	-.464	0	%100
95	MP1B	X	.268	.268	0	%100
96	MP1B	Z	-.464	-.464	0	%100
97	MP2B	X	.268	.268	0	%100
98	MP2B	Z	-.464	-.464	0	%100
99	MP3B	X	.268	.268	0	%100
100	MP3B	Z	-.464	-.464	0	%100
101	MP4B	X	.268	.268	0	%100
102	MP4B	Z	-.464	-.464	0	%100
103	M100	X	.2	.2	0	%100
104	M100	Z	-.347	-.347	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M102	X	.244	.244	0	%100
106	M102	Z	-.423	-.423	0	%100
107	M103	X	.243	.243	0	%100
108	M103	Z	-.421	-.421	0	%100
109	M104	X	.243	.243	0	%100
110	M104	Z	-.421	-.421	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	0	0	0	%100
113	M124	X	.308	.308	0	%100
114	M124	Z	-.533	-.533	0	%100
115	M125	X	.308	.308	0	%100
116	M125	Z	-.533	-.533	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.521	.521	0	%100
2	M1	Z	-.301	-.301	0	%100
3	M2	X	.147	.147	0	%100
4	M2	Z	-.085	-.085	0	%100
5	M3	X	.147	.147	0	%100
6	M3	Z	-.085	-.085	0	%100
7	M4	X	.293	.293	0	%100
8	M4	Z	-.169	-.169	0	%100
9	M7	X	.163	.163	0	%100
10	M7	Z	-.094	-.094	0	%100
11	M8	X	.651	.651	0	%100
12	M8	Z	-.376	-.376	0	%100
13	M12	X	.879	.879	0	%100
14	M12	Z	-.507	-.507	0	%100
15	M13	X	.298	.298	0	%100
16	M13	Z	-.172	-.172	0	%100
17	M15	X	.314	.314	0	%100
18	M15	Z	-.181	-.181	0	%100
19	M17	X	.879	.879	0	%100
20	M17	Z	-.507	-.507	0	%100
21	M18	X	1.193	1.193	0	%100
22	M18	Z	-.689	-.689	0	%100
23	M20	X	1.257	1.257	0	%100
24	M20	Z	-.726	-.726	0	%100
25	M25	X	.521	.521	0	%100
26	M25	Z	-.301	-.301	0	%100
27	M26	X	.147	.147	0	%100
28	M26	Z	-.085	-.085	0	%100
29	M27	X	.147	.147	0	%100
30	M27	Z	-.085	-.085	0	%100
31	M28	X	.293	.293	0	%100
32	M28	Z	-.169	-.169	0	%100
33	M31	X	.651	.651	0	%100
34	M31	Z	-.376	-.376	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M32	X	.163	.163	0	%100
36	M32	Z	-.094	-.094	0	%100
37	M36	X	.879	.879	0	%100
38	M36	Z	-.507	-.507	0	%100
39	M37	X	1.193	1.193	0	%100
40	M37	Z	-.689	-.689	0	%100
41	M39	X	1.257	1.257	0	%100
42	M39	Z	-.726	-.726	0	%100
43	M41	X	.879	.879	0	%100
44	M41	Z	-.507	-.507	0	%100
45	M42	X	.298	.298	0	%100
46	M42	Z	-.172	-.172	0	%100
47	M44	X	.314	.314	0	%100
48	M44	Z	-.181	-.181	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	.587	.587	0	%100
52	M50	Z	-.339	-.339	0	%100
53	M51	X	.587	.587	0	%100
54	M51	Z	-.339	-.339	0	%100
55	M52	X	1.172	1.172	0	%100
56	M52	Z	-.676	-.676	0	%100
57	M55	X	.163	.163	0	%100
58	M55	Z	-.094	-.094	0	%100
59	M56	X	.163	.163	0	%100
60	M56	Z	-.094	-.094	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	.298	.298	0	%100
64	M61	Z	-.172	-.172	0	%100
65	M63	X	.314	.314	0	%100
66	M63	Z	-.181	-.181	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	.298	.298	0	%100
70	M66	Z	-.172	-.172	0	%100
71	M68	X	.314	.314	0	%100
72	M68	Z	-.181	-.181	0	%100
73	M73	X	.171	.171	0	%100
74	M73	Z	-.099	-.099	0	%100
75	M74	X	.683	.683	0	%100
76	M74	Z	-.395	-.395	0	%100
77	M75	X	.171	.171	0	%100
78	M75	Z	-.099	-.099	0	%100
79	MP1A	X	.464	.464	0	%100
80	MP1A	Z	-.268	-.268	0	%100
81	MP2A	X	.464	.464	0	%100
82	MP2A	Z	-.268	-.268	0	%100
83	MP3A	X	.464	.464	0	%100
84	MP3A	Z	-.268	-.268	0	%100
85	MP4A	X	.464	.464	0	%100
86	MP4A	Z	-.268	-.268	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	MP1C	X	.464	.464	0	%100
88	MP1C	Z	-.268	-.268	0	%100
89	MP2C	X	.464	.464	0	%100
90	MP2C	Z	-.268	-.268	0	%100
91	MP3C	X	.464	.464	0	%100
92	MP3C	Z	-.268	-.268	0	%100
93	MP4C	X	.464	.464	0	%100
94	MP4C	Z	-.268	-.268	0	%100
95	MP1B	X	.464	.464	0	%100
96	MP1B	Z	-.268	-.268	0	%100
97	MP2B	X	.464	.464	0	%100
98	MP2B	Z	-.268	-.268	0	%100
99	MP3B	X	.464	.464	0	%100
100	MP3B	Z	-.268	-.268	0	%100
101	MP4B	X	.464	.464	0	%100
102	MP4B	Z	-.268	-.268	0	%100
103	M100	X	.347	.347	0	%100
104	M100	Z	-.2	-.2	0	%100
105	M102	X	.423	.423	0	%100
106	M102	Z	-.244	-.244	0	%100
107	M103	X	.14	.14	0	%100
108	M103	Z	-.081	-.081	0	%100
109	M104	X	.561	.561	0	%100
110	M104	Z	-.324	-.324	0	%100
111	M105	X	.14	.14	0	%100
112	M105	Z	-.081	-.081	0	%100
113	M124	X	.178	.178	0	%100
114	M124	Z	-.103	-.103	0	%100
115	M125	X	.71	.71	0	%100
116	M125	Z	-.41	-.41	0	%100
117	M126	X	.178	.178	0	%100
118	M126	Z	-.103	-.103	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.2	.2	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.509	.509	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.509	.509	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.015	1.015	0	%100
8	M4	Z	0	0	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	.563	.563	0	%100
12	M8	Z	0	0	0	%100
13	M12	X	.338	.338	0	%100
14	M12	Z	0	0	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M15	X	0	0	0	%100
18	M15	Z	0	0	0	%100
19	M17	X	.338	.338	0	%100
20	M17	Z	0	0	0	%100
21	M18	X	1.033	1.033	0	%100
22	M18	Z	0	0	0	%100
23	M20	X	1.089	1.089	0	%100
24	M20	Z	0	0	0	%100
25	M25	X	.802	.802	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	.563	.563	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	.563	.563	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	1.353	1.353	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	1.033	1.033	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	1.089	1.089	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	1.353	1.353	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	1.033	1.033	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	1.089	1.089	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	.2	.2	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	.509	.509	0	%100
52	M50	Z	0	0	0	%100
53	M51	X	.509	.509	0	%100
54	M51	Z	0	0	0	%100
55	M52	X	1.015	1.015	0	%100
56	M52	Z	0	0	0	%100
57	M55	X	.563	.563	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	.338	.338	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	1.033	1.033	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	1.089	1.089	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	.338	.338	0	%100
68	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	.592	.592	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	.592	.592	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	.536	.536	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	.536	.536	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	.536	.536	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	.536	.536	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	.536	.536	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	.536	.536	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	.536	.536	0	%100
92	MP3C	Z	0	0	0	%100
93	MP4C	X	.536	.536	0	%100
94	MP4C	Z	0	0	0	%100
95	MP1B	X	.536	.536	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	.536	.536	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	.536	.536	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	.536	.536	0	%100
102	MP4B	Z	0	0	0	%100
103	M100	X	.4	.4	0	%100
104	M100	Z	0	0	0	%100
105	M102	X	.488	.488	0	%100
106	M102	Z	0	0	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	.486	.486	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	.486	.486	0	%100
112	M105	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	.615	.615	0	%100
116	M125	Z	0	0	0	%100
117	M126	X	.615	.615	0	%100
118	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.587	.587	0	%100
4	M2	Z	.339	.339	0	%100
5	M3	X	.587	.587	0	%100
6	M3	Z	.339	.339	0	%100
7	M4	X	1.172	1.172	0	%100
8	M4	Z	.676	.676	0	%100
9	M7	X	.163	.163	0	%100
10	M7	Z	.094	.094	0	%100
11	M8	X	.163	.163	0	%100
12	M8	Z	.094	.094	0	%100
13	M12	X	0	0	0	%100
14	M12	Z	0	0	0	%100
15	M13	X	.298	.298	0	%100
16	M13	Z	.172	.172	0	%100
17	M15	X	.314	.314	0	%100
18	M15	Z	.181	.181	0	%100
19	M17	X	0	0	0	%100
20	M17	Z	0	0	0	%100
21	M18	X	.298	.298	0	%100
22	M18	Z	.172	.172	0	%100
23	M20	X	.314	.314	0	%100
24	M20	Z	.181	.181	0	%100
25	M25	X	.521	.521	0	%100
26	M25	Z	.301	.301	0	%100
27	M26	X	.147	.147	0	%100
28	M26	Z	.085	.085	0	%100
29	M27	X	.147	.147	0	%100
30	M27	Z	.085	.085	0	%100
31	M28	X	.293	.293	0	%100
32	M28	Z	.169	.169	0	%100
33	M31	X	.163	.163	0	%100
34	M31	Z	.094	.094	0	%100
35	M32	X	.651	.651	0	%100
36	M32	Z	.376	.376	0	%100
37	M36	X	.879	.879	0	%100
38	M36	Z	.507	.507	0	%100
39	M37	X	.298	.298	0	%100
40	M37	Z	.172	.172	0	%100
41	M39	X	.314	.314	0	%100
42	M39	Z	.181	.181	0	%100
43	M41	X	.879	.879	0	%100
44	M41	Z	.507	.507	0	%100
45	M42	X	1.193	1.193	0	%100
46	M42	Z	.689	.689	0	%100
47	M44	X	1.257	1.257	0	%100
48	M44	Z	.726	.726	0	%100
49	M49	X	.521	.521	0	%100
50	M49	Z	.301	.301	0	%100
51	M50	X	.147	.147	0	%100
52	M50	Z	.085	.085	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M51	X	.147	.147	0	%100
54	M51	Z	.085	.085	0	%100
55	M52	X	.293	.293	0	%100
56	M52	Z	.169	.169	0	%100
57	M55	X	.651	.651	0	%100
58	M55	Z	.376	.376	0	%100
59	M56	X	.163	.163	0	%100
60	M56	Z	.094	.094	0	%100
61	M60	X	.879	.879	0	%100
62	M60	Z	.507	.507	0	%100
63	M61	X	1.193	1.193	0	%100
64	M61	Z	.689	.689	0	%100
65	M63	X	1.257	1.257	0	%100
66	M63	Z	.726	.726	0	%100
67	M65	X	.879	.879	0	%100
68	M65	Z	.507	.507	0	%100
69	M66	X	.298	.298	0	%100
70	M66	Z	.172	.172	0	%100
71	M68	X	.314	.314	0	%100
72	M68	Z	.181	.181	0	%100
73	M73	X	.171	.171	0	%100
74	M73	Z	.099	.099	0	%100
75	M74	X	.171	.171	0	%100
76	M74	Z	.099	.099	0	%100
77	M75	X	.683	.683	0	%100
78	M75	Z	.395	.395	0	%100
79	MP1A	X	.464	.464	0	%100
80	MP1A	Z	.268	.268	0	%100
81	MP2A	X	.464	.464	0	%100
82	MP2A	Z	.268	.268	0	%100
83	MP3A	X	.464	.464	0	%100
84	MP3A	Z	.268	.268	0	%100
85	MP4A	X	.464	.464	0	%100
86	MP4A	Z	.268	.268	0	%100
87	MP1C	X	.464	.464	0	%100
88	MP1C	Z	.268	.268	0	%100
89	MP2C	X	.464	.464	0	%100
90	MP2C	Z	.268	.268	0	%100
91	MP3C	X	.464	.464	0	%100
92	MP3C	Z	.268	.268	0	%100
93	MP4C	X	.464	.464	0	%100
94	MP4C	Z	.268	.268	0	%100
95	MP1B	X	.464	.464	0	%100
96	MP1B	Z	.268	.268	0	%100
97	MP2B	X	.464	.464	0	%100
98	MP2B	Z	.268	.268	0	%100
99	MP3B	X	.464	.464	0	%100
100	MP3B	Z	.268	.268	0	%100
101	MP4B	X	.464	.464	0	%100
102	MP4B	Z	.268	.268	0	%100
103	M100	X	.347	.347	0	%100
104	M100	Z	.2	.2	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M102	X	.423	.423	0	%100
106	M102	Z	.244	.244	0	%100
107	M103	X	.14	.14	0	%100
108	M103	Z	.081	.081	0	%100
109	M104	X	.14	.14	0	%100
110	M104	Z	.081	.081	0	%100
111	M105	X	.561	.561	0	%100
112	M105	Z	.324	.324	0	%100
113	M124	X	.178	.178	0	%100
114	M124	Z	.103	.103	0	%100
115	M125	X	.178	.178	0	%100
116	M125	Z	.103	.103	0	%100
117	M126	X	.71	.71	0	%100
118	M126	Z	.41	.41	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.1	.1	0	%100
2	M1	Z	.174	.174	0	%100
3	M2	X	.254	.254	0	%100
4	M2	Z	.441	.441	0	%100
5	M3	X	.254	.254	0	%100
6	M3	Z	.441	.441	0	%100
7	M4	X	.507	.507	0	%100
8	M4	Z	.879	.879	0	%100
9	M7	X	.282	.282	0	%100
10	M7	Z	.488	.488	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M12	X	.169	.169	0	%100
14	M12	Z	.293	.293	0	%100
15	M13	X	.517	.517	0	%100
16	M13	Z	.895	.895	0	%100
17	M15	X	.544	.544	0	%100
18	M15	Z	.943	.943	0	%100
19	M17	X	.169	.169	0	%100
20	M17	Z	.293	.293	0	%100
21	M18	X	0	0	0	%100
22	M18	Z	0	0	0	%100
23	M20	X	0	0	0	%100
24	M20	Z	0	0	0	%100
25	M25	X	.1	.1	0	%100
26	M25	Z	.174	.174	0	%100
27	M26	X	.254	.254	0	%100
28	M26	Z	.441	.441	0	%100
29	M27	X	.254	.254	0	%100
30	M27	Z	.441	.441	0	%100
31	M28	X	.507	.507	0	%100
32	M28	Z	.879	.879	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M32	X	.282	.282	0	%100
36	M32	Z	.488	.488	0	%100
37	M36	X	.169	.169	0	%100
38	M36	Z	.293	.293	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	.169	.169	0	%100
44	M41	Z	.293	.293	0	%100
45	M42	X	.517	.517	0	%100
46	M42	Z	.895	.895	0	%100
47	M44	X	.544	.544	0	%100
48	M44	Z	.943	.943	0	%100
49	M49	X	.401	.401	0	%100
50	M49	Z	.694	.694	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M51	X	0	0	0	%100
54	M51	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M55	X	.282	.282	0	%100
58	M55	Z	.488	.488	0	%100
59	M56	X	.282	.282	0	%100
60	M56	Z	.488	.488	0	%100
61	M60	X	.676	.676	0	%100
62	M60	Z	1.172	1.172	0	%100
63	M61	X	.517	.517	0	%100
64	M61	Z	.895	.895	0	%100
65	M63	X	.544	.544	0	%100
66	M63	Z	.943	.943	0	%100
67	M65	X	.676	.676	0	%100
68	M65	Z	1.172	1.172	0	%100
69	M66	X	.517	.517	0	%100
70	M66	Z	.895	.895	0	%100
71	M68	X	.544	.544	0	%100
72	M68	Z	.943	.943	0	%100
73	M73	X	.296	.296	0	%100
74	M73	Z	.513	.513	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	.296	.296	0	%100
78	M75	Z	.513	.513	0	%100
79	MP1A	X	.268	.268	0	%100
80	MP1A	Z	.464	.464	0	%100
81	MP2A	X	.268	.268	0	%100
82	MP2A	Z	.464	.464	0	%100
83	MP3A	X	.268	.268	0	%100
84	MP3A	Z	.464	.464	0	%100
85	MP4A	X	.268	.268	0	%100
86	MP4A	Z	.464	.464	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	MP1C	X	.268	.268	0	%100
88	MP1C	Z	.464	.464	0	%100
89	MP2C	X	.268	.268	0	%100
90	MP2C	Z	.464	.464	0	%100
91	MP3C	X	.268	.268	0	%100
92	MP3C	Z	.464	.464	0	%100
93	MP4C	X	.268	.268	0	%100
94	MP4C	Z	.464	.464	0	%100
95	MP1B	X	.268	.268	0	%100
96	MP1B	Z	.464	.464	0	%100
97	MP2B	X	.268	.268	0	%100
98	MP2B	Z	.464	.464	0	%100
99	MP3B	X	.268	.268	0	%100
100	MP3B	Z	.464	.464	0	%100
101	MP4B	X	.268	.268	0	%100
102	MP4B	Z	.464	.464	0	%100
103	M100	X	.2	.2	0	%100
104	M100	Z	.347	.347	0	%100
105	M102	X	.244	.244	0	%100
106	M102	Z	.423	.423	0	%100
107	M103	X	.243	.243	0	%100
108	M103	Z	.421	.421	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	.243	.243	0	%100
112	M105	Z	.421	.421	0	%100
113	M124	X	.308	.308	0	%100
114	M124	Z	.533	.533	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	M126	X	.308	.308	0	%100
118	M126	Z	.533	.533	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.601	.601	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	.17	.17	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.17	.17	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	.338	.338	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	.751	.751	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	.188	.188	0	%100
13	M12	X	0	0	0	%100
14	M12	Z	1.015	1.015	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	1.378	1.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M15	X	0	0	0	%100
18	M15	Z	1.451	1.451	0	%100
19	M17	X	0	0	0	%100
20	M17	Z	1.015	1.015	0	%100
21	M18	X	0	0	0	%100
22	M18	Z	.344	.344	0	%100
23	M20	X	0	0	0	%100
24	M20	Z	.363	.363	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	.678	.678	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.678	.678	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	1.353	1.353	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	.188	.188	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	.188	.188	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	.344	.344	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	.363	.363	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	.344	.344	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	.363	.363	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	.601	.601	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	.17	.17	0	%100
53	M51	X	0	0	0	%100
54	M51	Z	.17	.17	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	.338	.338	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	.188	.188	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	.751	.751	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	1.015	1.015	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	.344	.344	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	.363	.363	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	1.015	1.015	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M66	X	0	0	0	%100
70	M66	Z	1.378	1.378	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	1.451	1.451	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	.789	.789	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	.197	.197	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	.197	.197	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	.536	.536	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	.536	.536	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	.536	.536	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	.536	.536	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	.536	.536	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	.536	.536	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	.536	.536	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	.536	.536	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	.536	.536	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	.536	.536	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	.536	.536	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	.536	.536	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	.4	.4	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	.488	.488	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	.648	.648	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	.162	.162	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	.162	.162	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	.82	.82	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.205	.205	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	.205	.205	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.401	-.401	0	%100
2	M1	Z	.694	.694	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M7	X	-.282	-.282	0	%100
10	M7	Z	.488	.488	0	%100
11	M8	X	-.282	-.282	0	%100
12	M8	Z	.488	.488	0	%100
13	M12	X	-.676	-.676	0	%100
14	M12	Z	1.172	1.172	0	%100
15	M13	X	-.517	-.517	0	%100
16	M13	Z	.895	.895	0	%100
17	M15	X	-.544	-.544	0	%100
18	M15	Z	.943	.943	0	%100
19	M17	X	-.676	-.676	0	%100
20	M17	Z	1.172	1.172	0	%100
21	M18	X	-.517	-.517	0	%100
22	M18	Z	.895	.895	0	%100
23	M20	X	-.544	-.544	0	%100
24	M20	Z	.943	.943	0	%100
25	M25	X	-.1	-.1	0	%100
26	M25	Z	.174	.174	0	%100
27	M26	X	-.254	-.254	0	%100
28	M26	Z	.441	.441	0	%100
29	M27	X	-.254	-.254	0	%100
30	M27	Z	.441	.441	0	%100
31	M28	X	-.507	-.507	0	%100
32	M28	Z	.879	.879	0	%100
33	M31	X	-.282	-.282	0	%100
34	M31	Z	.488	.488	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	-.169	-.169	0	%100
38	M36	Z	.293	.293	0	%100
39	M37	X	-.517	-.517	0	%100
40	M37	Z	.895	.895	0	%100
41	M39	X	-.544	-.544	0	%100
42	M39	Z	.943	.943	0	%100
43	M41	X	-.169	-.169	0	%100
44	M41	Z	.293	.293	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-.1	-.1	0	%100
50	M49	Z	.174	.174	0	%100
51	M50	X	-.254	-.254	0	%100
52	M50	Z	.441	.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M51	X	-.254	-.254	0	%100
54	M51	Z	.441	.441	0	%100
55	M52	X	-.507	-.507	0	%100
56	M52	Z	.879	.879	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	-.282	-.282	0	%100
60	M56	Z	.488	.488	0	%100
61	M60	X	-.169	-.169	0	%100
62	M60	Z	.293	.293	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	-.169	-.169	0	%100
68	M65	Z	.293	.293	0	%100
69	M66	X	-.517	-.517	0	%100
70	M66	Z	.895	.895	0	%100
71	M68	X	-.544	-.544	0	%100
72	M68	Z	.943	.943	0	%100
73	M73	X	-.296	-.296	0	%100
74	M73	Z	.513	.513	0	%100
75	M74	X	-.296	-.296	0	%100
76	M74	Z	.513	.513	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	-.268	-.268	0	%100
80	MP1A	Z	.464	.464	0	%100
81	MP2A	X	-.268	-.268	0	%100
82	MP2A	Z	.464	.464	0	%100
83	MP3A	X	-.268	-.268	0	%100
84	MP3A	Z	.464	.464	0	%100
85	MP4A	X	-.268	-.268	0	%100
86	MP4A	Z	.464	.464	0	%100
87	MP1C	X	-.268	-.268	0	%100
88	MP1C	Z	.464	.464	0	%100
89	MP2C	X	-.268	-.268	0	%100
90	MP2C	Z	.464	.464	0	%100
91	MP3C	X	-.268	-.268	0	%100
92	MP3C	Z	.464	.464	0	%100
93	MP4C	X	-.268	-.268	0	%100
94	MP4C	Z	.464	.464	0	%100
95	MP1B	X	-.268	-.268	0	%100
96	MP1B	Z	.464	.464	0	%100
97	MP2B	X	-.268	-.268	0	%100
98	MP2B	Z	.464	.464	0	%100
99	MP3B	X	-.268	-.268	0	%100
100	MP3B	Z	.464	.464	0	%100
101	MP4B	X	-.268	-.268	0	%100
102	MP4B	Z	.464	.464	0	%100
103	M100	X	-.2	-.2	0	%100
104	M100	Z	.347	.347	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M102	X	-.244	-.244	0	%100
106	M102	Z	.423	.423	0	%100
107	M103	X	-.243	-.243	0	%100
108	M103	Z	.421	.421	0	%100
109	M104	X	-.243	-.243	0	%100
110	M104	Z	.421	.421	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	0	0	0	%100
113	M124	X	-.308	-.308	0	%100
114	M124	Z	.533	.533	0	%100
115	M125	X	-.308	-.308	0	%100
116	M125	Z	.533	.533	0	%100
117	M126	X	0	0	0	%100
118	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.521	-.521	0	%100
2	M1	Z	.301	.301	0	%100
3	M2	X	-.147	-.147	0	%100
4	M2	Z	.085	.085	0	%100
5	M3	X	-.147	-.147	0	%100
6	M3	Z	.085	.085	0	%100
7	M4	X	-.293	-.293	0	%100
8	M4	Z	.169	.169	0	%100
9	M7	X	-.163	-.163	0	%100
10	M7	Z	.094	.094	0	%100
11	M8	X	-.651	-.651	0	%100
12	M8	Z	.376	.376	0	%100
13	M12	X	-.879	-.879	0	%100
14	M12	Z	.507	.507	0	%100
15	M13	X	-.298	-.298	0	%100
16	M13	Z	.172	.172	0	%100
17	M15	X	-.314	-.314	0	%100
18	M15	Z	.181	.181	0	%100
19	M17	X	-.879	-.879	0	%100
20	M17	Z	.507	.507	0	%100
21	M18	X	-1.193	-1.193	0	%100
22	M18	Z	.689	.689	0	%100
23	M20	X	-1.257	-1.257	0	%100
24	M20	Z	.726	.726	0	%100
25	M25	X	-.521	-.521	0	%100
26	M25	Z	.301	.301	0	%100
27	M26	X	-.147	-.147	0	%100
28	M26	Z	.085	.085	0	%100
29	M27	X	-.147	-.147	0	%100
30	M27	Z	.085	.085	0	%100
31	M28	X	-.293	-.293	0	%100
32	M28	Z	.169	.169	0	%100
33	M31	X	-.651	-.651	0	%100
34	M31	Z	.376	.376	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M32	X	-.163	-.163	0	%100
36	M32	Z	.094	.094	0	%100
37	M36	X	-.879	-.879	0	%100
38	M36	Z	.507	.507	0	%100
39	M37	X	-1.193	-1.193	0	%100
40	M37	Z	.689	.689	0	%100
41	M39	X	-1.257	-1.257	0	%100
42	M39	Z	.726	.726	0	%100
43	M41	X	-.879	-.879	0	%100
44	M41	Z	.507	.507	0	%100
45	M42	X	-.298	-.298	0	%100
46	M42	Z	.172	.172	0	%100
47	M44	X	-.314	-.314	0	%100
48	M44	Z	.181	.181	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	-.587	-.587	0	%100
52	M50	Z	.339	.339	0	%100
53	M51	X	-.587	-.587	0	%100
54	M51	Z	.339	.339	0	%100
55	M52	X	-1.172	-1.172	0	%100
56	M52	Z	.676	.676	0	%100
57	M55	X	-.163	-.163	0	%100
58	M55	Z	.094	.094	0	%100
59	M56	X	-.163	-.163	0	%100
60	M56	Z	.094	.094	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	-.298	-.298	0	%100
64	M61	Z	.172	.172	0	%100
65	M63	X	-.314	-.314	0	%100
66	M63	Z	.181	.181	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-.298	-.298	0	%100
70	M66	Z	.172	.172	0	%100
71	M68	X	-.314	-.314	0	%100
72	M68	Z	.181	.181	0	%100
73	M73	X	-.171	-.171	0	%100
74	M73	Z	.099	.099	0	%100
75	M74	X	-.683	-.683	0	%100
76	M74	Z	.395	.395	0	%100
77	M75	X	-.171	-.171	0	%100
78	M75	Z	.099	.099	0	%100
79	MP1A	X	-.464	-.464	0	%100
80	MP1A	Z	.268	.268	0	%100
81	MP2A	X	-.464	-.464	0	%100
82	MP2A	Z	.268	.268	0	%100
83	MP3A	X	-.464	-.464	0	%100
84	MP3A	Z	.268	.268	0	%100
85	MP4A	X	-.464	-.464	0	%100
86	MP4A	Z	.268	.268	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	MP1C	X	-.464	-.464	0	%100
88	MP1C	Z	.268	.268	0	%100
89	MP2C	X	-.464	-.464	0	%100
90	MP2C	Z	.268	.268	0	%100
91	MP3C	X	-.464	-.464	0	%100
92	MP3C	Z	.268	.268	0	%100
93	MP4C	X	-.464	-.464	0	%100
94	MP4C	Z	.268	.268	0	%100
95	MP1B	X	-.464	-.464	0	%100
96	MP1B	Z	.268	.268	0	%100
97	MP2B	X	-.464	-.464	0	%100
98	MP2B	Z	.268	.268	0	%100
99	MP3B	X	-.464	-.464	0	%100
100	MP3B	Z	.268	.268	0	%100
101	MP4B	X	-.464	-.464	0	%100
102	MP4B	Z	.268	.268	0	%100
103	M100	X	-.347	-.347	0	%100
104	M100	Z	.2	.2	0	%100
105	M102	X	-.423	-.423	0	%100
106	M102	Z	.244	.244	0	%100
107	M103	X	-.14	-.14	0	%100
108	M103	Z	.081	.081	0	%100
109	M104	X	-.561	-.561	0	%100
110	M104	Z	.324	.324	0	%100
111	M105	X	-.14	-.14	0	%100
112	M105	Z	.081	.081	0	%100
113	M124	X	-.178	-.178	0	%100
114	M124	Z	.103	.103	0	%100
115	M125	X	-.71	-.71	0	%100
116	M125	Z	.41	.41	0	%100
117	M126	X	-.178	-.178	0	%100
118	M126	Z	.103	.103	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.2	-.2	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.509	-.509	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.509	-.509	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.015	-1.015	0	%100
8	M4	Z	0	0	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	-.563	-.563	0	%100
12	M8	Z	0	0	0	%100
13	M12	X	-.338	-.338	0	%100
14	M12	Z	0	0	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M15	X	0	0	0	%100
18	M15	Z	0	0	0	%100
19	M17	X	-.338	-.338	0	%100
20	M17	Z	0	0	0	%100
21	M18	X	-1.033	-1.033	0	%100
22	M18	Z	0	0	0	%100
23	M20	X	-1.089	-1.089	0	%100
24	M20	Z	0	0	0	%100
25	M25	X	-.802	-.802	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-.563	-.563	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	-.563	-.563	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	-1.353	-1.353	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-1.033	-1.033	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	-1.089	-1.089	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-1.353	-1.353	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	-1.033	-1.033	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	-1.089	-1.089	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-.2	-.2	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	-.509	-.509	0	%100
52	M50	Z	0	0	0	%100
53	M51	X	-.509	-.509	0	%100
54	M51	Z	0	0	0	%100
55	M52	X	-1.015	-1.015	0	%100
56	M52	Z	0	0	0	%100
57	M55	X	-.563	-.563	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-.338	-.338	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	-1.033	-1.033	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	-1.089	-1.089	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	-.338	-.338	0	%100
68	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	-.592	-.592	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-.592	-.592	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	-.536	-.536	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	-.536	-.536	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-.536	-.536	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-.536	-.536	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	-.536	-.536	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	-.536	-.536	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	-.536	-.536	0	%100
92	MP3C	Z	0	0	0	%100
93	MP4C	X	-.536	-.536	0	%100
94	MP4C	Z	0	0	0	%100
95	MP1B	X	-.536	-.536	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	-.536	-.536	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	-.536	-.536	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	-.536	-.536	0	%100
102	MP4B	Z	0	0	0	%100
103	M100	X	-.4	-.4	0	%100
104	M100	Z	0	0	0	%100
105	M102	X	-.488	-.488	0	%100
106	M102	Z	0	0	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	-.486	-.486	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	-.486	-.486	0	%100
112	M105	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-.615	-.615	0	%100
116	M125	Z	0	0	0	%100
117	M126	X	-.615	-.615	0	%100
118	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.587	-.587	0	%100
4	M2	Z	-.339	-.339	0	%100
5	M3	X	-.587	-.587	0	%100
6	M3	Z	-.339	-.339	0	%100
7	M4	X	-1.172	-1.172	0	%100
8	M4	Z	-.676	-.676	0	%100
9	M7	X	-.163	-.163	0	%100
10	M7	Z	-.094	-.094	0	%100
11	M8	X	-.163	-.163	0	%100
12	M8	Z	-.094	-.094	0	%100
13	M12	X	0	0	0	%100
14	M12	Z	0	0	0	%100
15	M13	X	-.298	-.298	0	%100
16	M13	Z	-.172	-.172	0	%100
17	M15	X	-.314	-.314	0	%100
18	M15	Z	-.181	-.181	0	%100
19	M17	X	0	0	0	%100
20	M17	Z	0	0	0	%100
21	M18	X	-.298	-.298	0	%100
22	M18	Z	-.172	-.172	0	%100
23	M20	X	-.314	-.314	0	%100
24	M20	Z	-.181	-.181	0	%100
25	M25	X	-.521	-.521	0	%100
26	M25	Z	-.301	-.301	0	%100
27	M26	X	-.147	-.147	0	%100
28	M26	Z	-.085	-.085	0	%100
29	M27	X	-.147	-.147	0	%100
30	M27	Z	-.085	-.085	0	%100
31	M28	X	-.293	-.293	0	%100
32	M28	Z	-.169	-.169	0	%100
33	M31	X	-.163	-.163	0	%100
34	M31	Z	-.094	-.094	0	%100
35	M32	X	-.651	-.651	0	%100
36	M32	Z	-.376	-.376	0	%100
37	M36	X	-.879	-.879	0	%100
38	M36	Z	-.507	-.507	0	%100
39	M37	X	-.298	-.298	0	%100
40	M37	Z	-.172	-.172	0	%100
41	M39	X	-.314	-.314	0	%100
42	M39	Z	-.181	-.181	0	%100
43	M41	X	-.879	-.879	0	%100
44	M41	Z	-.507	-.507	0	%100
45	M42	X	-1.193	-1.193	0	%100
46	M42	Z	-.689	-.689	0	%100
47	M44	X	-1.257	-1.257	0	%100
48	M44	Z	-.726	-.726	0	%100
49	M49	X	-.521	-.521	0	%100
50	M49	Z	-.301	-.301	0	%100
51	M50	X	-.147	-.147	0	%100
52	M50	Z	-.085	-.085	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M51	X	-.147	-.147	0	%100
54	M51	Z	-.085	-.085	0	%100
55	M52	X	-.293	-.293	0	%100
56	M52	Z	-.169	-.169	0	%100
57	M55	X	-.651	-.651	0	%100
58	M55	Z	-.376	-.376	0	%100
59	M56	X	-.163	-.163	0	%100
60	M56	Z	-.094	-.094	0	%100
61	M60	X	-.879	-.879	0	%100
62	M60	Z	-.507	-.507	0	%100
63	M61	X	-1.193	-1.193	0	%100
64	M61	Z	-.689	-.689	0	%100
65	M63	X	-1.257	-1.257	0	%100
66	M63	Z	-.726	-.726	0	%100
67	M65	X	-.879	-.879	0	%100
68	M65	Z	-.507	-.507	0	%100
69	M66	X	-.298	-.298	0	%100
70	M66	Z	-.172	-.172	0	%100
71	M68	X	-.314	-.314	0	%100
72	M68	Z	-.181	-.181	0	%100
73	M73	X	-.171	-.171	0	%100
74	M73	Z	-.099	-.099	0	%100
75	M74	X	-.171	-.171	0	%100
76	M74	Z	-.099	-.099	0	%100
77	M75	X	-.683	-.683	0	%100
78	M75	Z	-.395	-.395	0	%100
79	MP1A	X	-.464	-.464	0	%100
80	MP1A	Z	-.268	-.268	0	%100
81	MP2A	X	-.464	-.464	0	%100
82	MP2A	Z	-.268	-.268	0	%100
83	MP3A	X	-.464	-.464	0	%100
84	MP3A	Z	-.268	-.268	0	%100
85	MP4A	X	-.464	-.464	0	%100
86	MP4A	Z	-.268	-.268	0	%100
87	MP1C	X	-.464	-.464	0	%100
88	MP1C	Z	-.268	-.268	0	%100
89	MP2C	X	-.464	-.464	0	%100
90	MP2C	Z	-.268	-.268	0	%100
91	MP3C	X	-.464	-.464	0	%100
92	MP3C	Z	-.268	-.268	0	%100
93	MP4C	X	-.464	-.464	0	%100
94	MP4C	Z	-.268	-.268	0	%100
95	MP1B	X	-.464	-.464	0	%100
96	MP1B	Z	-.268	-.268	0	%100
97	MP2B	X	-.464	-.464	0	%100
98	MP2B	Z	-.268	-.268	0	%100
99	MP3B	X	-.464	-.464	0	%100
100	MP3B	Z	-.268	-.268	0	%100
101	MP4B	X	-.464	-.464	0	%100
102	MP4B	Z	-.268	-.268	0	%100
103	M100	X	-.347	-.347	0	%100
104	M100	Z	-.2	-.2	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M102	X	-.423	-.423	0	%100
106	M102	Z	-.244	-.244	0	%100
107	M103	X	-.14	-.14	0	%100
108	M103	Z	-.081	-.081	0	%100
109	M104	X	-.14	-.14	0	%100
110	M104	Z	-.081	-.081	0	%100
111	M105	X	-.561	-.561	0	%100
112	M105	Z	-.324	-.324	0	%100
113	M124	X	-.178	-.178	0	%100
114	M124	Z	-.103	-.103	0	%100
115	M125	X	-.178	-.178	0	%100
116	M125	Z	-.103	-.103	0	%100
117	M126	X	-.71	-.71	0	%100
118	M126	Z	-.41	-.41	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.1	-.1	0	%100
2	M1	Z	-.174	-.174	0	%100
3	M2	X	-.254	-.254	0	%100
4	M2	Z	-.441	-.441	0	%100
5	M3	X	-.254	-.254	0	%100
6	M3	Z	-.441	-.441	0	%100
7	M4	X	-.507	-.507	0	%100
8	M4	Z	-.879	-.879	0	%100
9	M7	X	-.282	-.282	0	%100
10	M7	Z	-.488	-.488	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M12	X	-.169	-.169	0	%100
14	M12	Z	-.293	-.293	0	%100
15	M13	X	-.517	-.517	0	%100
16	M13	Z	-.895	-.895	0	%100
17	M15	X	-.544	-.544	0	%100
18	M15	Z	-.943	-.943	0	%100
19	M17	X	-.169	-.169	0	%100
20	M17	Z	-.293	-.293	0	%100
21	M18	X	0	0	0	%100
22	M18	Z	0	0	0	%100
23	M20	X	0	0	0	%100
24	M20	Z	0	0	0	%100
25	M25	X	-.1	-.1	0	%100
26	M25	Z	-.174	-.174	0	%100
27	M26	X	-.254	-.254	0	%100
28	M26	Z	-.441	-.441	0	%100
29	M27	X	-.254	-.254	0	%100
30	M27	Z	-.441	-.441	0	%100
31	M28	X	-.507	-.507	0	%100
32	M28	Z	-.879	-.879	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M32	X	-.282	-.282	0	%100
36	M32	Z	-.488	-.488	0	%100
37	M36	X	-.169	-.169	0	%100
38	M36	Z	-.293	-.293	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-.169	-.169	0	%100
44	M41	Z	-.293	-.293	0	%100
45	M42	X	-.517	-.517	0	%100
46	M42	Z	-.895	-.895	0	%100
47	M44	X	-.544	-.544	0	%100
48	M44	Z	-.943	-.943	0	%100
49	M49	X	-.401	-.401	0	%100
50	M49	Z	-.694	-.694	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M51	X	0	0	0	%100
54	M51	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M55	X	-.282	-.282	0	%100
58	M55	Z	-.488	-.488	0	%100
59	M56	X	-.282	-.282	0	%100
60	M56	Z	-.488	-.488	0	%100
61	M60	X	-.676	-.676	0	%100
62	M60	Z	-1.172	-1.172	0	%100
63	M61	X	-.517	-.517	0	%100
64	M61	Z	-.895	-.895	0	%100
65	M63	X	-.544	-.544	0	%100
66	M63	Z	-.943	-.943	0	%100
67	M65	X	-.676	-.676	0	%100
68	M65	Z	-1.172	-1.172	0	%100
69	M66	X	-.517	-.517	0	%100
70	M66	Z	-.895	-.895	0	%100
71	M68	X	-.544	-.544	0	%100
72	M68	Z	-.943	-.943	0	%100
73	M73	X	-.296	-.296	0	%100
74	M73	Z	-.513	-.513	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-.296	-.296	0	%100
78	M75	Z	-.513	-.513	0	%100
79	MP1A	X	-.268	-.268	0	%100
80	MP1A	Z	-.464	-.464	0	%100
81	MP2A	X	-.268	-.268	0	%100
82	MP2A	Z	-.464	-.464	0	%100
83	MP3A	X	-.268	-.268	0	%100
84	MP3A	Z	-.464	-.464	0	%100
85	MP4A	X	-.268	-.268	0	%100
86	MP4A	Z	-.464	-.464	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	MP1C	X	-.268	-.268	0	%100
88	MP1C	Z	-.464	-.464	0	%100
89	MP2C	X	-.268	-.268	0	%100
90	MP2C	Z	-.464	-.464	0	%100
91	MP3C	X	-.268	-.268	0	%100
92	MP3C	Z	-.464	-.464	0	%100
93	MP4C	X	-.268	-.268	0	%100
94	MP4C	Z	-.464	-.464	0	%100
95	MP1B	X	-.268	-.268	0	%100
96	MP1B	Z	-.464	-.464	0	%100
97	MP2B	X	-.268	-.268	0	%100
98	MP2B	Z	-.464	-.464	0	%100
99	MP3B	X	-.268	-.268	0	%100
100	MP3B	Z	-.464	-.464	0	%100
101	MP4B	X	-.268	-.268	0	%100
102	MP4B	Z	-.464	-.464	0	%100
103	M100	X	-.2	-.2	0	%100
104	M100	Z	-.347	-.347	0	%100
105	M102	X	-.244	-.244	0	%100
106	M102	Z	-.423	-.423	0	%100
107	M103	X	-.243	-.243	0	%100
108	M103	Z	-.421	-.421	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	-.243	-.243	0	%100
112	M105	Z	-.421	-.421	0	%100
113	M124	X	-.308	-.308	0	%100
114	M124	Z	-.533	-.533	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	M126	X	-.308	-.308	0	%100
118	M126	Z	-.533	-.533	0	%100

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M7	Y	-1.601	-4.064	0	.832
2	M7	Y	-4.064	-6.634	.832	1.665
3	M7	Y	-6.634	-7.874	1.665	2.497
4	M7	Y	-7.874	-6.293	2.497	3.329
5	M7	Y	-6.293	-3.33	3.329	4.162
6	M8	Y	-3.336	-6.325	0	.832
7	M8	Y	-6.325	-7.939	.832	1.665
8	M8	Y	-7.939	-6.771	1.665	2.497
9	M8	Y	-6.771	-4.258	2.497	3.329
10	M8	Y	-4.258	-1.807	3.329	4.162
11	M31	Y	-1.601	-4.064	0	.832
12	M31	Y	-4.064	-6.634	.832	1.665
13	M31	Y	-6.634	-7.874	1.665	2.497
14	M31	Y	-7.874	-6.293	2.497	3.329
15	M31	Y	-6.293	-3.33	3.329	4.162
16	M32	Y	-3.336	-6.325	0	.832

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M32	Y	-6.325	-7.939	.832	1.665
18	M32	Y	-7.939	-6.771	1.665	2.497
19	M32	Y	-6.771	-4.258	2.497	3.329
20	M32	Y	-4.258	-1.807	3.329	4.162
21	M55	Y	-1.807	-4.258	0	.832
22	M55	Y	-4.258	-6.771	.832	1.665
23	M55	Y	-6.771	-7.939	1.665	2.497
24	M55	Y	-7.939	-6.325	2.497	3.329
25	M55	Y	-6.325	-3.336	3.329	4.162
26	M56	Y	-3.33	-6.293	0	.832
27	M56	Y	-6.293	-7.874	.832	1.665
28	M56	Y	-7.874	-6.634	1.665	2.497
29	M56	Y	-6.634	-4.064	2.497	3.329
30	M56	Y	-4.064	-1.601	3.329	4.162

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M55	Y	-3.262	-7.661	0	.832
2	M55	Y	-7.661	-12.192	.832	1.665
3	M55	Y	-12.192	-14.297	1.665	2.497
4	M55	Y	-14.297	-11.377	2.497	3.329
5	M55	Y	-11.377	-5.991	3.329	4.162
6	M56	Y	-5.994	-11.327	0	.832
7	M56	Y	-11.327	-14.173	.832	1.665
8	M56	Y	-14.173	-11.945	1.665	2.497
9	M56	Y	-11.945	-7.318	2.497	3.329
10	M56	Y	-7.318	-2.875	3.329	4.162
11	M7	Y	-2.883	-7.316	0	.832
12	M7	Y	-7.316	-11.942	.832	1.665
13	M7	Y	-11.942	-14.173	1.665	2.497
14	M7	Y	-14.173	-11.327	2.497	3.329
15	M7	Y	-11.327	-5.993	3.329	4.162
16	M8	Y	-6.005	-11.385	0	.832
17	M8	Y	-11.385	-14.29	.832	1.665
18	M8	Y	-14.29	-12.187	1.665	2.497
19	M8	Y	-12.187	-7.664	2.497	3.329
20	M8	Y	-7.664	-3.253	3.329	4.162
21	M31	Y	-2.875	-7.318	0	.832
22	M31	Y	-7.318	-11.945	.832	1.665
23	M31	Y	-11.945	-14.173	1.665	2.497
24	M31	Y	-14.173	-11.327	2.497	3.329
25	M31	Y	-11.327	-5.994	3.329	4.162
26	M32	Y	-5.991	-11.377	0	.832
27	M32	Y	-11.377	-14.297	.832	1.665
28	M32	Y	-14.297	-12.192	1.665	2.497
29	M32	Y	-12.192	-7.661	2.497	3.329
30	M32	Y	-7.661	-3.262	3.329	4.162

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M31	Y	-5.751	-14.636	0	.832

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	M31	Y	-14.636	-23.891	.832	1.665
3	M31	Y	-23.891	-28.345	1.665	2.497
4	M31	Y	-28.345	-22.654	2.497	3.329
5	M31	Y	-22.654	-11.988	3.329	4.162
6	M32	Y	-11.983	-22.753	0	.832
7	M32	Y	-22.753	-28.594	.832	1.665
8	M32	Y	-28.594	-24.384	1.665	2.497
9	M32	Y	-24.384	-15.321	2.497	3.329
10	M32	Y	-15.321	-6.523	3.329	4.162
11	M7	Y	-2.883	-7.316	0	.832
12	M7	Y	-7.316	-11.942	.832	1.665
13	M7	Y	-11.942	-14.173	1.665	2.497
14	M7	Y	-14.173	-11.327	2.497	3.329
15	M7	Y	-11.327	-5.993	3.329	4.162
16	M8	Y	-6.005	-11.385	0	.832
17	M8	Y	-11.385	-14.29	.832	1.665
18	M8	Y	-14.29	-12.187	1.665	2.497
19	M8	Y	-12.187	-7.664	2.497	3.329
20	M8	Y	-7.664	-3.253	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N4	N3	N26	N28	Y	Two Way	-.005
2	N32	N54	N56	N33	Y	Two Way	-.005
3	N60	N61	N84	N82	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N61	N60	N82	N84	Y	Two Way	-.009
2	N3	N26	N28	N4	Y	Two Way	-.009
3	N32	N33	N56	N54	Y	Two Way	-.009

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N32	N33	N56	N54	Y	Two Way	-.009
2	N3	N26	N28	N4	Y	Two Way	-.009
3	N32	N33	N56	N54	Y	Two Way	-.009

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	N1	max	2441.942	11	2497.679	17	1601.322	12	.287	11	1.881	8	4.567	17
2		min	-2318.679	5	271.916	11	-1524.653	6	-2.744	17	-1.899	2	-.203	11
3	N30	max	1082.679	10	2489.251	13	2710.822	1	5.131	13	1.782	4	.198	1
4		min	-1086.762	4	282.605	7	-2877.413	7	-.488	7	-1.799	10	-.152	7
5	N58	max	2255.131	9	2344.99	21	1311.671	3	.072	3	1.685	12	.424	3
6		min	-2374.883	3	221.109	3	-1217.137	9	-2.387	21	-1.676	6	-4.356	21
7	Totals:	max	5488.748	10	6832.52	24	5514.938	1						
8		min	-5488.747	4	1956.436	69	-5514.935	7						

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	MP1C	PIPE 2.0	.420	3.938	5	.116	4		12	20866.733	32130	1.872	1.872	1....	H1-1b
2	MP1A	PIPE 2.0	.406	3.938	9	.116	4		4	20866.733	32130	1.872	1.872	1....	H1-1b
3	MP1B	PIPE 2.0	.404	3.938	1	.116	4		8	20866.733	32130	1.872	1.872	1....	H1-1b
4	MP2C	PIPE 2.0	.373	3.938	6	.070	2.438		5	20866.733	32130	1.872	1.872	2....	H1-1b
5	MP2A	PIPE 2.0	.367	3.938	10	.068	2.438		9	20866.733	32130	1.872	1.872	2....	H1-1b
6	MP2B	PIPE 2.0	.359	3.938	2	.067	2.438		1	20866.733	32130	1.872	1.872	2....	H1-1b
7	M1	HSS4X4X4	.335	0	17	.084	0	y	41	124657.7...	139518	16.181	16.181	2....	H1-1b
8	M25	HSS4X4X4	.321	0	13	.073	0	y	13	124657.7...	139518	16.181	16.181	2....	H1-1b
9	MP3B	PIPE 2.0	.318	3.938	9	.069	3.938		10	20866.733	32130	1.872	1.872	2....	H1-1b
10	M125	L3X3X4	.317	0	6	.043	0	z	6	42056.726	46656	1.688	3.756	2....	H2-1
11	M37	PL3/8x6	.315	.167	8	.310	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
12	MP3A	PIPE 2.0	.313	3.938	5	.070	3.938		6	20866.733	32130	1.872	1.872	2....	H1-1b
13	M13	PL3/8x6	.313	.167	12	.316	0	y	17	71601.728	72900	.57	9.113	1....	H1-1b
14	M61	PL3/8x6	.310	.167	4	.317	0	y	21	71601.728	72900	.57	9.113	1....	H1-1b
15	M49	HSS4X4X4	.309	0	21	.076	0	y	47	124657.7...	139518	16.181	16.181	2....	H1-1b
16	MP3C	PIPE 2.0	.308	3.938	1	.069	3.938		2	20866.733	32130	1.872	1.872	2....	H1-1b
17	M124	L3X3X4	.308	0	10	.042	0	z	10	42056.726	46656	1.688	3.756	2....	H2-1
18	M126	L3X3X4	.307	0	2	.042	0	z	2	42056.726	46656	1.688	3.756	2....	H2-1
19	MP4B	PIPE 2.0	.305	3.938	9	.093	3.938		10	20866.733	32130	1.872	1.872	1....	H1-1b
20	MP4A	PIPE 2.0	.300	3.938	5	.095	3.938		6	20866.733	32130	1.872	1.872	1....	H1-1b
21	MP4C	PIPE 2.0	.293	3.938	1	.092	3.938		2	20866.733	32130	1.872	1.872	1....	H1-1b
22	M66	PL3/8x6	.287	.167	2	.331	0	y	20	71601.728	72900	.57	9.113	1....	H1-1b
23	M18	PL3/8x6	.283	.167	10	.332	0	y	16	71601.728	72900	.57	9.113	1....	H1-1b
24	M42	PL3/8x6	.282	.167	6	.331	0	y	24	71601.728	72900	.57	9.113	1....	H1-1b
25	M36	PL3/8x6	.265	0	2	.204	0	y	18	70677.939	72900	.57	9.113	1....	H1-1b
26	M60	PL3/8x6	.261	0	10	.198	0	y	14	70677.939	72900	.57	9.113	1....	H1-1b
27	M12	PL3/8x6	.256	0	6	.203	0	y	22	70677.939	72900	.57	9.113	1....	H1-1b
28	M65	PL3/8x6	.254	0	8	.261	0	y	17	70677.939	72900	.57	9.113	1....	H1-1b
29	M17	PL3/8x6	.248	0	4	.252	0	y	13	70677.939	72900	.57	9.113	1....	H1-1b
30	M41	PL3/8x6	.242	0	12	.258	0	y	21	70677.939	72900	.57	9.113	1....	H1-1b
31	M28	PL1/2X6	.225	.516	8	.094	.516	y	23	66009.234	97200	1.012	12.15	1....	H1-1b
32	M4	PL1/2X6	.220	.516	12	.115	.516	y	27	66009.234	97200	1.012	12.15	1....	H1-1b
33	M52	PL1/2X6	.220	.516	4	.093	.516	y	19	66009.234	97200	1.012	12.15	1....	H1-1b
34	M105	PIPE 2.5	.179	1.562	1	.055	10.677		6	14558.792	50715	3.596	3.596	3....	H1-1b
35	M55	L2x2x3	.179	4.162	10	.010	4.162	y	24	9823.122	23392.8	.558	1.09	1....	H2-1
36	M31	L2x2x3	.177	4.162	2	.010	4.162	y	56	9823.122	23392.8	.558	1.092	1....	H2-1
37	M7	L2x2x3	.177	4.162	6	.010	4.162	y	20	9823.122	23392.8	.558	1.092	1....	H2-1
38	M103	PIPE 2.5	.177	1.563	9	.054	10.677		2	14558.792	50715	3.596	3.596	3....	H1-1b
39	M104	PIPE 2.5	.175	1.562	5	.054	10.677		10	14558.792	50715	3.596	3.596	3....	H1-1b
40	M3	HSS4X4X4	.166	0	16	.049	0	y	18	136263.03	139518	16.181	16.181	1....	H1-1b
41	M27	HSS4X4X4	.165	0	24	.050	0	y	14	136263.03	139518	16.181	16.181	1....	H1-1b
42	M51	HSS4X4X4	.164	0	20	.049	0	y	22	136263.03	139518	16.181	16.181	1....	H1-1b
43	M50	HSS4X4X4	.159	2.375	22	.052	.223	z	10	136263.03	139518	16.181	16.181	1....	H1-1b
44	M8	L2x2x3	.159	0	4	.013	4.162	y	13	9823.122	23392.8	.558	1.09	1....	H2-1
45	M2	HSS4X4X4	.157	2.375	18	.052	.223	z	6	136263.03	139518	16.181	16.181	1....	H1-1b
46	M32	L2x2x3	.157	0	12	.013	4.162	y	21	9823.122	23392.8	.558	1.09	1....	H2-1
47	M56	L2x2x3	.157	0	8	.013	4.162	y	17	9823.122	23392.8	.558	1.092	1....	H2-1
48	M26	HSS4X4X4	.155	2.375	14	.052	.223	z	2	136263.03	139518	16.181	16.181	1....	H1-1b
49	M74	PIPE 3.0	.142	4.687	15	.084	4.687		2	28250.554	65205	5.749	5.749	2....	H1-1b
50	M73	PIPE 3.0	.141	4.688	19	.085	4.688		6	28250.554	65205	5.749	5.749	2....	H1-1b
51	M75	PIPE 3.0	.138	4.687	23	.085	4.687		10	28250.554	65205	5.749	5.749	2....	H1-1b

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
52	M102	PIPE_2.0	.099	3	12	.018	3		12	26521.424	32130	1.872	1.872	2....	H1-1b
53	M68	PL1/2X6	.066	.112	9	.098	.112	y	5	96757.507	97200	1.012	12.15	1....	H1-1b
54	M20	PL1/2X6	.064	.112	5	.097	.112	y	1	96757.507	97200	1.012	12.15	1....	H1-1b
55	M44	PL1/2X6	.063	.112	1	.097	.112	y	9	96757.507	97200	1.012	12.15	1....	H1-1b
56	M63	PL1/2X6	.062	.112	9	.069	0	y	6	96757.507	97200	1.012	12.15	1....	H1-1b
57	M39	PL1/2X6	.062	0	2	.069	0	y	10	96757.507	97200	1.012	12.15	1....	H1-1b
58	M15	PL1/2X6	.062	.112	5	.127	0	y	26	96757.507	97200	1.012	12.15	1....	H1-1b
59	M100	PIPE_2.0	.031	2.25	6	.018	2.25		6	30237.765	32130	1.872	1.872	3....	H1-1b

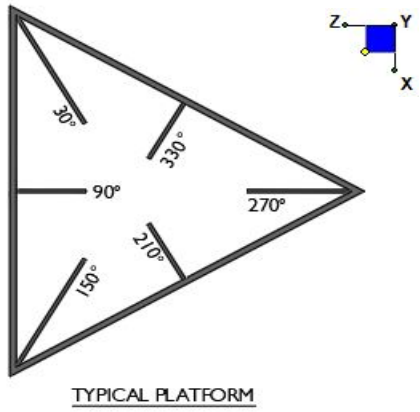
Client:	VERIZON WIRELESS	Date:	11/29/2021
Site Name:	DEEP RIVER CT		
Project No.	21777999A		
Title:	MOUNT ANALYSIS	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

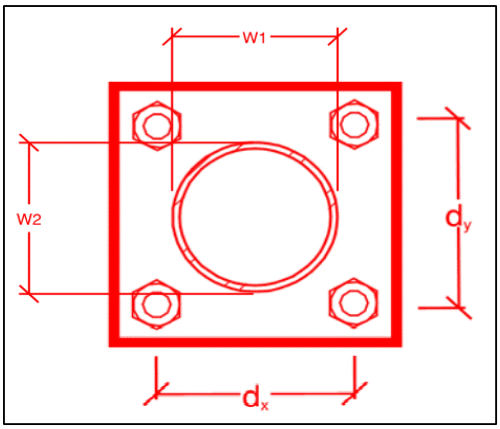
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N1	150
N30	270
N58	30



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	18.7
Required Shear Strength (kips):	3.6
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**22.5%***
Shear Capacity Overall:	**7.2%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	10
Plate Height (in):	10
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.75
Weld Size (1/16 in):	5
Phi*Rn (kip/in):	6.96
Required Weld Strength (kip/in):	3.03
Plate Bending Capacity:	**31.1%**
Weld Capacity:	**43.5%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	14.0
$Phi*Mn_{xx}$ *(kip-in)* :	45.6
Mu_{yy} *(kip-in)* :	0.2
$Phi*Mn_{yy}$ *(kip-in)* :	45.6

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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

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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 or obstructed prior to starting work:

☐ Yes ☐ No

Contractor certifies no new damage/obstructions created during the current installation:

☐ Yes ☐ No

Contractor to certify the condition of the safety climb and verify no obstructions when leaving the site:

☐ Safety climb in good condition with no obstructions ☐ Safety Climb Damaged
☐ Safety Climb Obstructed

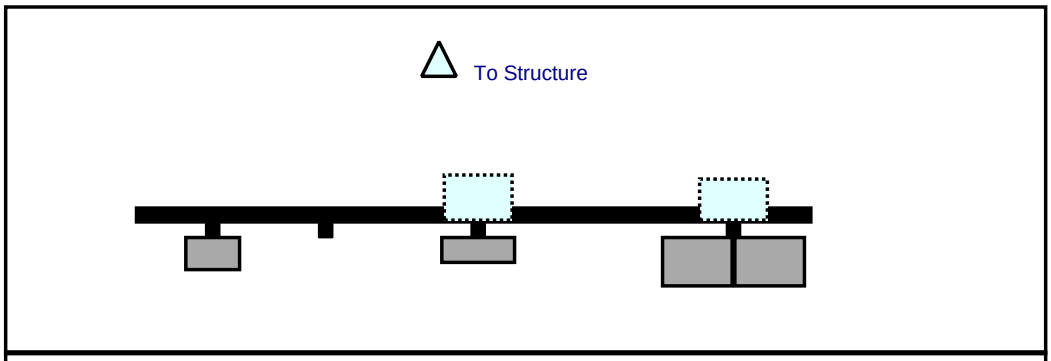
Structure: 467700-VZW - DEEP RIVER CT

Sector: **A** 11/29/2021

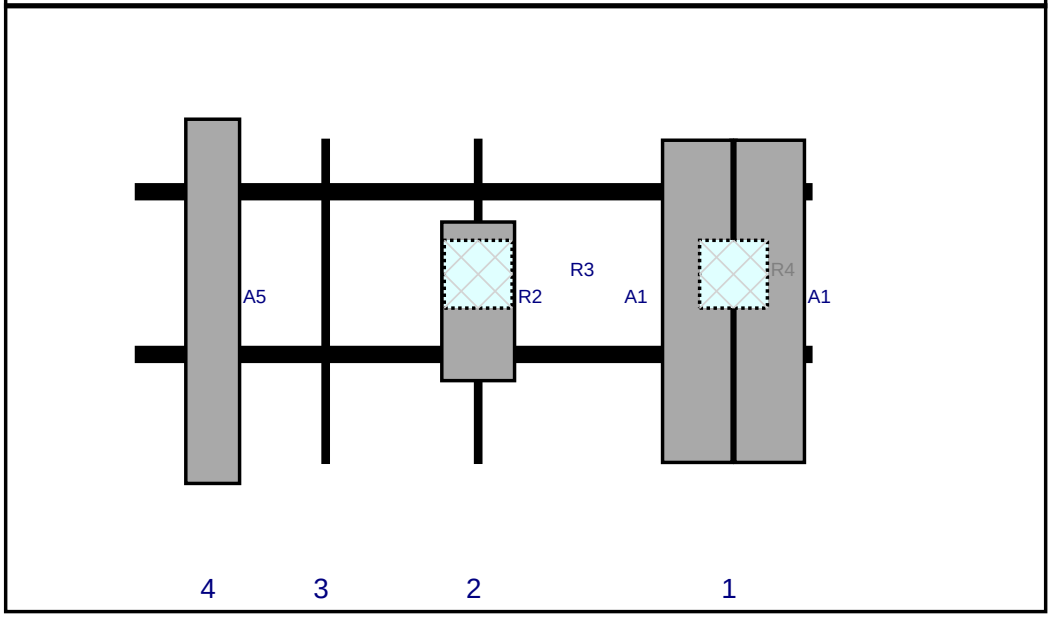
Structure Type: Monopole 10117366

Mount Elev: 169.00 Page: 1

Plan View



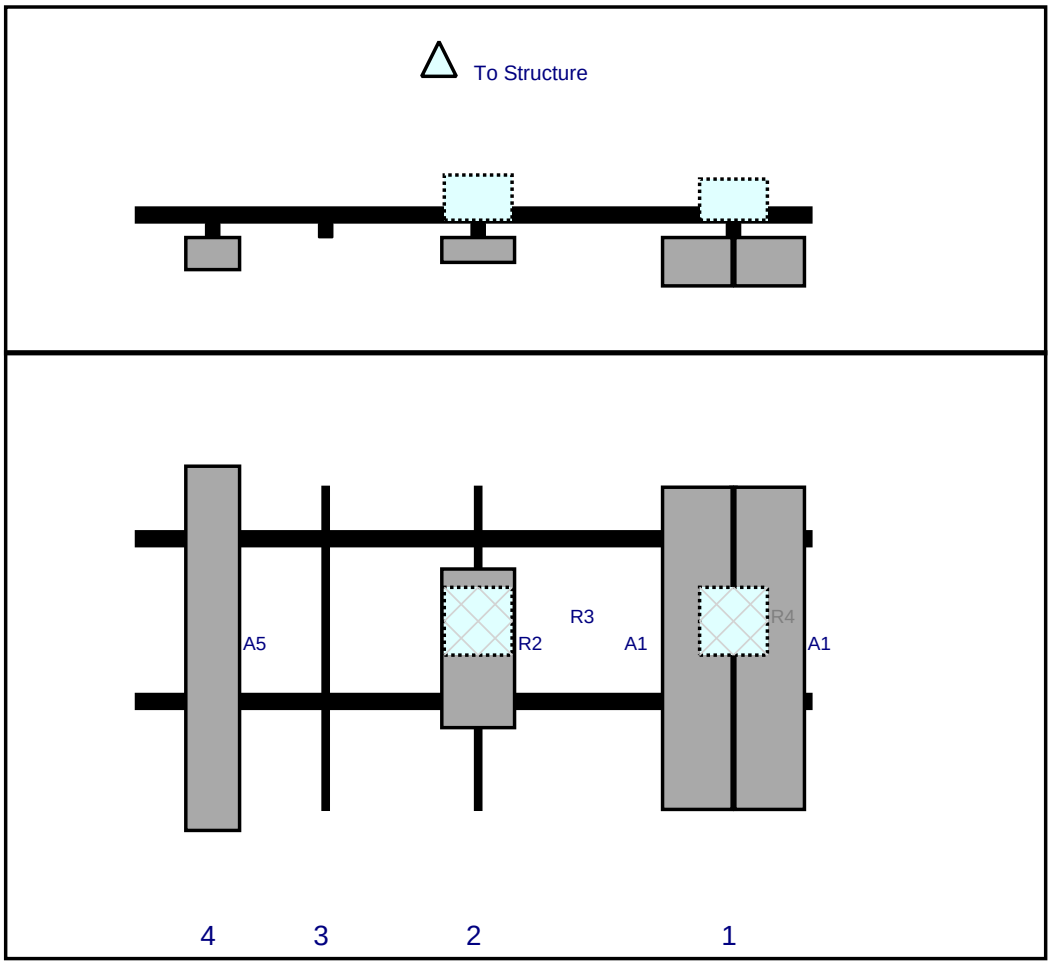
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	MX06FRO660-03	71.3	15.4	132.5	1	a	Front	36	8	Added	
A1	MX06FRO660-03	71.3	15.4	132.5	1	b	Front	36	-8	Added	
R4	RF4440d-13A	15	15	132.5	1	a	Behind	30	0	Added	
R2	MT6407-77A	35.1	16.1	76	2	a	Front	36	0	Added	
R3	RF4439d-25A	15	15	76	2	a	Behind	30	0	Added	
A5	LNX-6514DS-A1M	80.6	11.9	17.25	4	a	Front	36	0	Retained	11/06/2021

Plan View

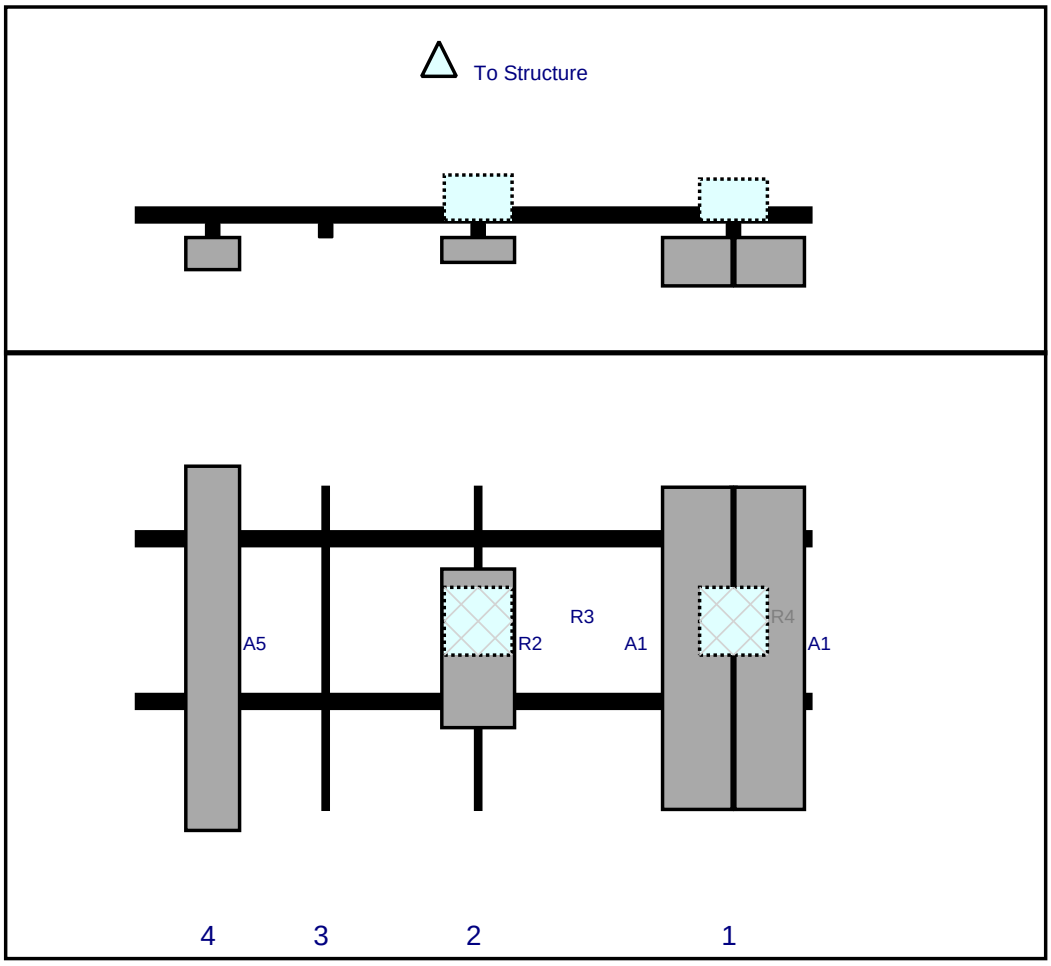
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	MX06FRO660-03	71.3	15.4	132.5	1	a	Front	36	8	Added	
A1	MX06FRO660-03	71.3	15.4	132.5	1	b	Front	36	-8	Added	
R4	RF4440d-13A	15	15	132.5	1	a	Behind	30	0	Added	
R2	MT6407-77A	35.1	16.1	76	2	a	Front	36	0	Added	
R3	RF4439d-25A	15	15	76	2	a	Behind	30	0	Added	
A5	LNX-6514DS-A1M	80.6	11.9	17.25	4	a	Front	36	0	Retained	11/06/2021

Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	MX06FRO660-03	71.3	15.4	132.5	1	a	Front	36	8	Added	
A1	MX06FRO660-03	71.3	15.4	132.5	1	b	Front	36	-8	Added	
R4	RF4440d-13A	15	15	132.5	1	a	Behind	30	0	Added	
R2	MT6407-77A	35.1	16.1	76	2	a	Front	36	0	Added	
R3	RF4439d-25A	15	15	76	2	a	Behind	30	0	Added	
A5	LNX-6514DS-A1M	80.6	11.9	17.25	4	a	Front	36	0	Retained	11/06/2021

Maser Consulting Connecticut

Subject	TIA-222-H Usage
Site Information	Site ID: 467700-VZW / DEEP RIVER CT Site Name: DEEP RIVER CT Carrier Name: VERIZON WIRELESS Address: 15 Pent Road Deep River, Connecticut 06417 Middlesex County Latitude: 41.372222° Longitude: -72.435000°
Structure Information	Tower Type: Monopole Mount Type: Platform

To Whom It May Concern,

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

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

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

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

Sincerely,

Derek Hartzell, PE
Technical Specialist

Exhibit F

Power Density/RF Emissions Report

Site Name: ***DEEP RIVER 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	609	2437	170	0.0030	0.5007	0.61%
VZW CDMA	874.8	2	459	918	170	0.0011	0.5832	0.20%
VZW Cellular	874	4	623	2494	170	0.0031	0.5827	0.53%
VZW PCS	1975	4	1428	5713	170	0.0071	1.0000	0.71%
VZW AWS	2120	4	1530	6122	170	0.0076	1.0000	0.76%
VZW CBAND	3730.08	2	21627	43254	170	0.0538	1.0000	5.38%
Total Percentage of Maximum Permissible Exposure								8.19%

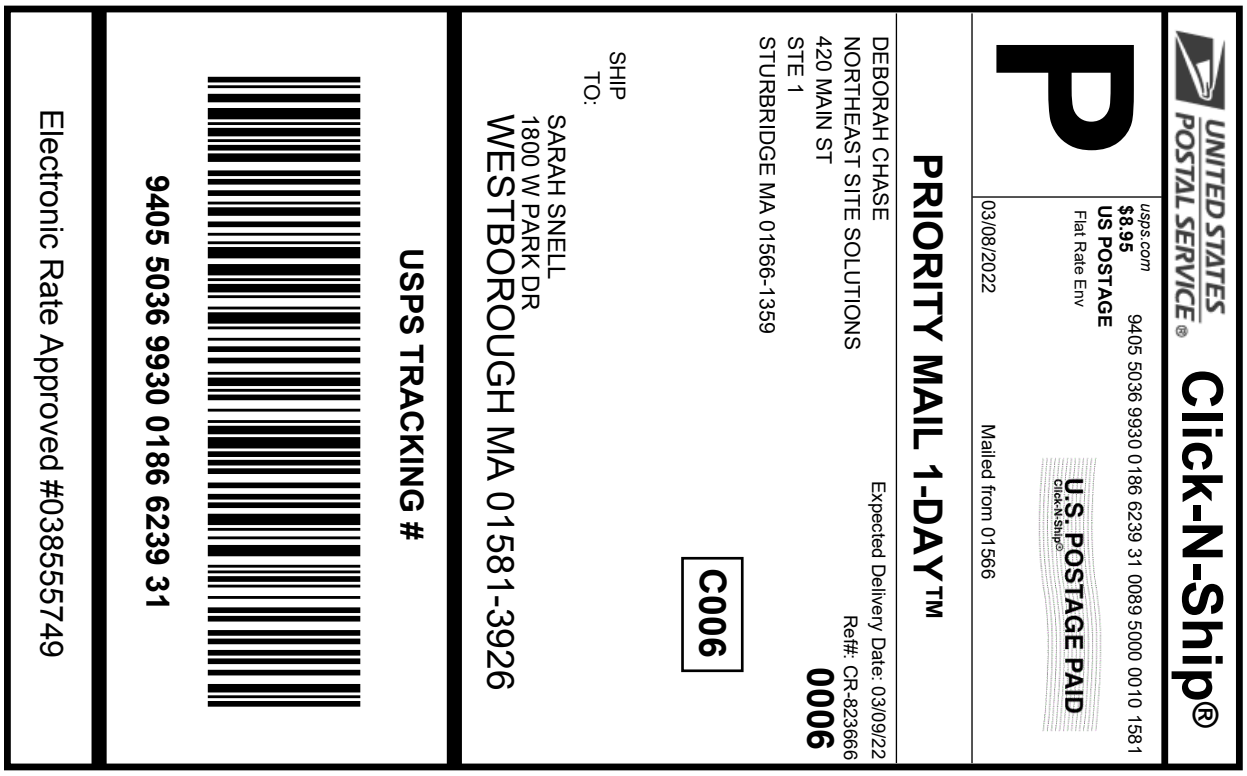
*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification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

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

Absolute worst case maximum values used.

Exhibit G

Recipient Mailings



Cut on dotted line.

Instructions

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

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0186 6239 31

Trans. #:	558300236
Print Date:	03/08/2022
Ship Date:	03/08/2022
Expected Delivery Date:	03/09/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

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

Ref#: CR-823666

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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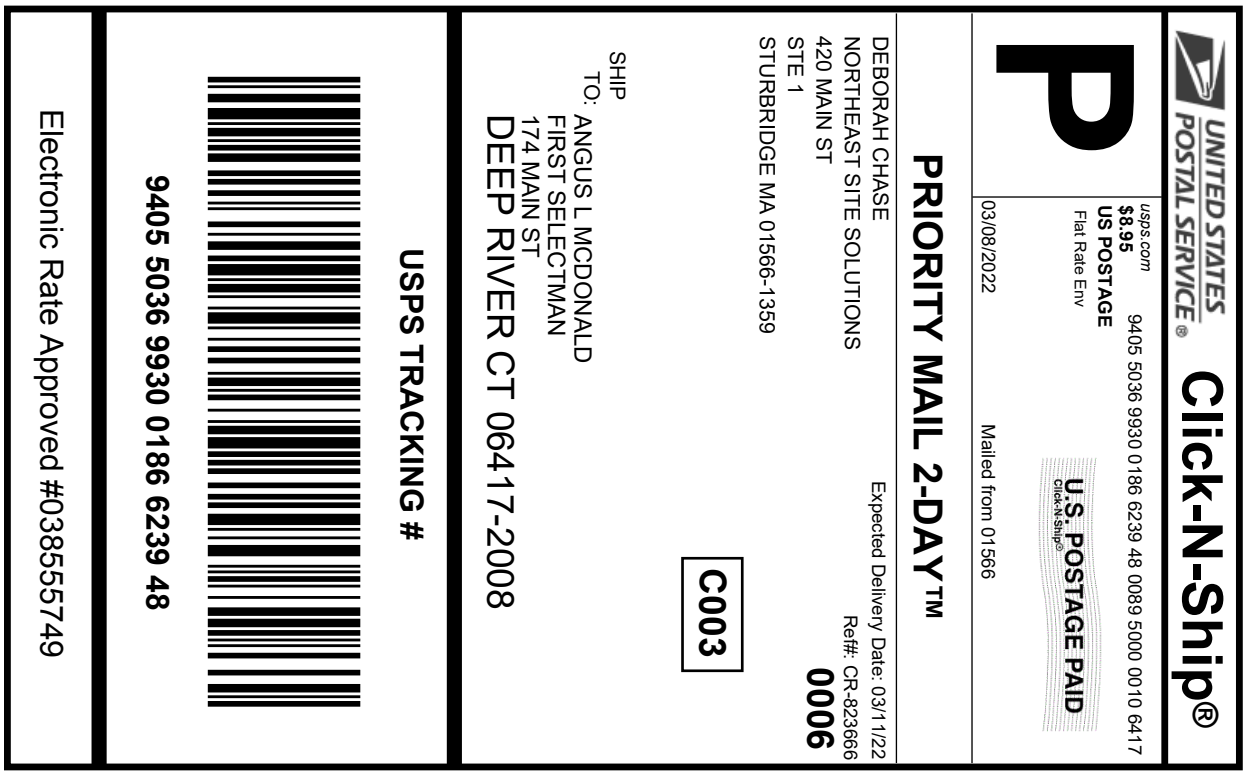

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Click-N-Ship® Label Record

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Trans. #:	558300236
Print Date:	03/08/2022
Ship Date:	03/08/2022
Expected Delivery Date:	03/11/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

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

Ref#: CR-823666

To: ANGUS L MCDONALD
FIRST SELECTMAN
174 MAIN ST
DEEP RIVER CT 06417-2008

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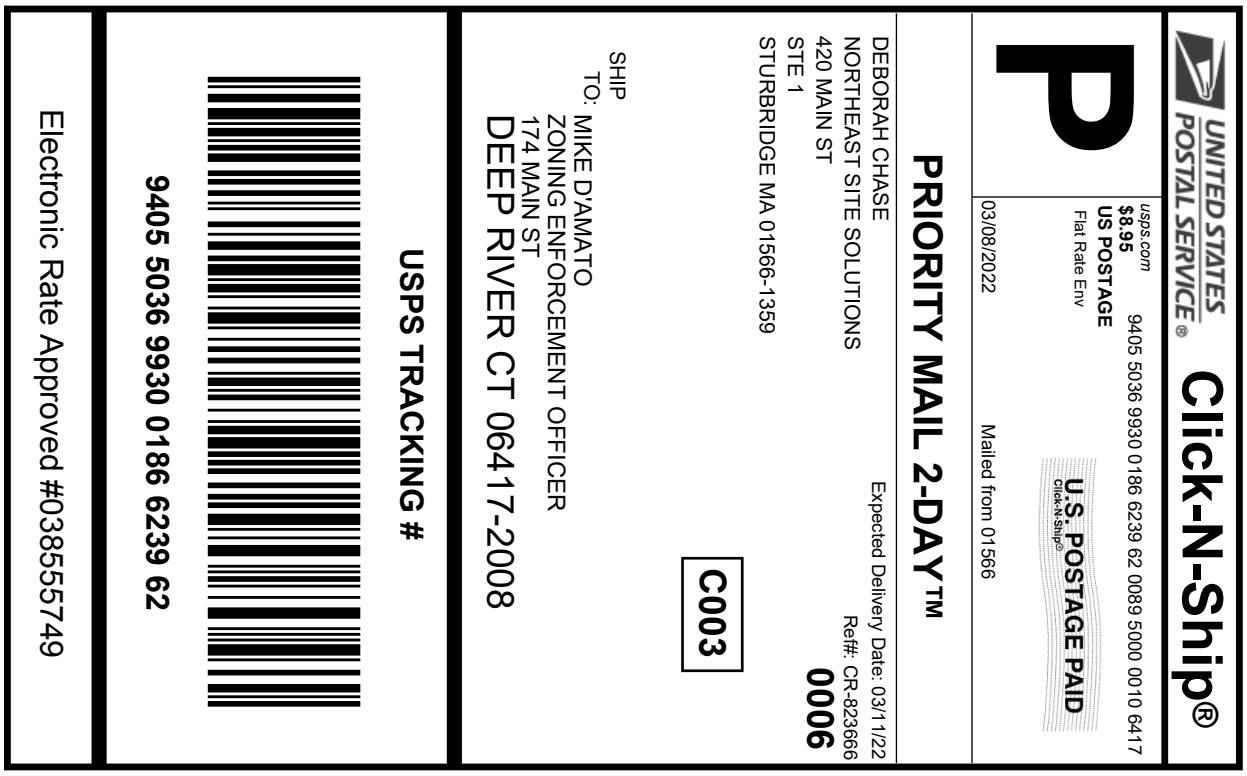

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USPS TRACKING # :
9405 5036 9930 0186 6239 62

Trans. #:	558300236
Print Date:	03/08/2022
Ship Date:	03/08/2022
Expected Delivery Date:	03/11/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

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

Ref#: CR-823666

To: MIKE D'AMATO
ZONING ENFORCEMENT OFFICER
174 MAIN ST
DEEP RIVER CT 06417-2008

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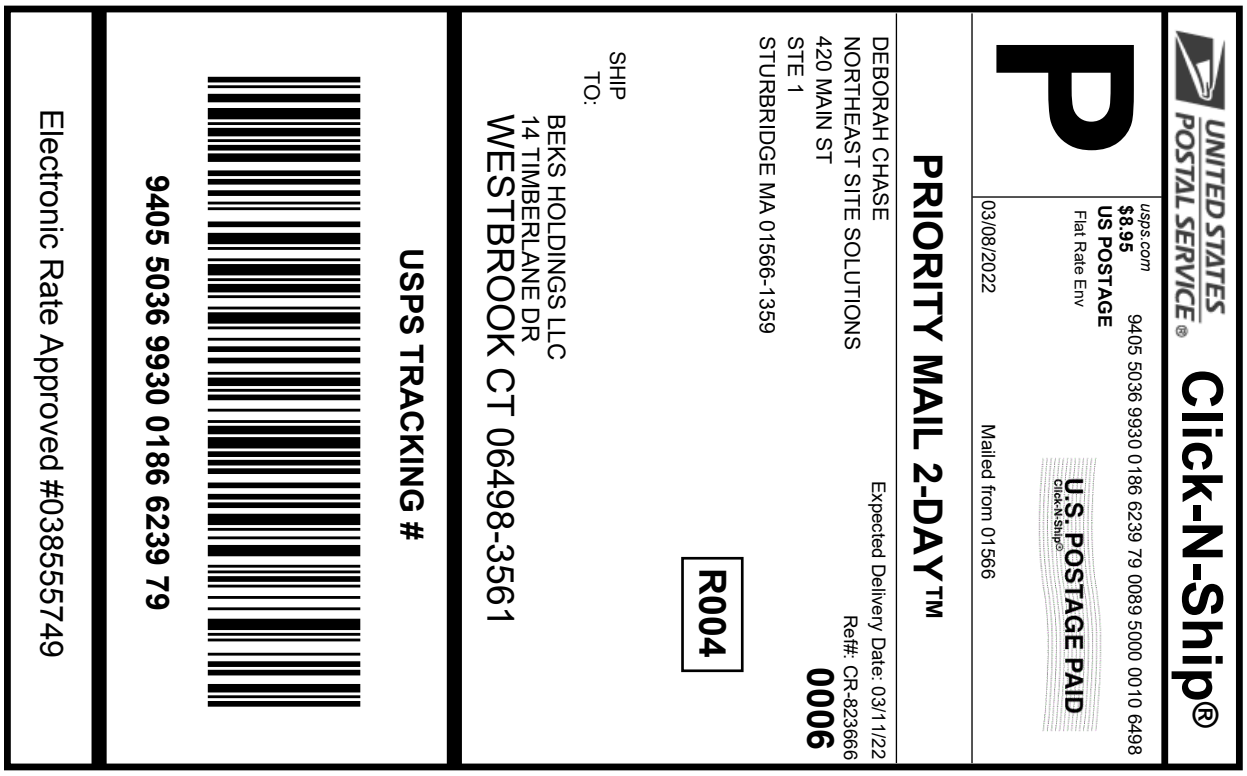

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Trans. #:	558300236
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Ship Date:	03/08/2022
Expected Delivery Date:	03/11/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

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

Ref#: CR-823666

To: BEKS HOLDINGS LLC
14 TIMBERLANE DR
WESTBROOK CT 06498-3561

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823666
-Crown Vzw

UNITED STATES POSTAL SERVICE.

FARMINGTON
210 MAIN ST
FARMINGTON, CT 06032-9998
(800)275-8777

03/09/2022 01:19 PM

Product	Qty	Unit Price	Price
Prepaid Mail Westborough, MA 01581 Weight: 0 lb 2.00 oz Acceptance Date: Wed 03/09/2022 Tracking #: 9405 5036 9930 0186 6239 31	1		$0.00
Prepaid Mail Deep River, CT 06417 Weight: 0 lb 7.00 oz Acceptance Date: Wed 03/09/2022 Tracking #: 9405 5036 9930 0186 6239 48	1		$0.00
Prepaid Mail Deep River, CT 06417 Weight: 0 lb 7.00 oz Acceptance Date: Wed 03/09/2022 Tracking #: 9405 5036 9930 0186 6239 62	1		$0.00
Prepaid Mail Westbrook, CT 06498 Weight: 0 lb 7.00 oz Acceptance Date: Wed 03/09/2022 Tracking #: 9405 5036 9930 0186 6239 79	1		$0.00
Grand Total:			$0.00