NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

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

November 15, 2021

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

RE: Exempt Modification Application
350 Hartland Blvd, East Hartland, CT 06027
Latitude: 41.977083
Longitude: -72.887861
Site #: 857014_Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 350 Hartland Blvd, East Hartland, CT 06027. Verizon Wireless currently maintains twelve (12) antennas at the 110-foot level of the existing 120-foot tower. The property is owned by Marlene Jung and the tower is owned by Crown Castle. Verizon now intends to replace six (6) antennas and add three (3) antennas. The new antennas would be installed at the 110-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable. Antenna mount modifications will be completed as per the attached Maser mount analysis dated August 13, 2021.

Verizon Planned Modifications:

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

Remove and Replace:
(3) BXA-171085-12BF Antennas (REMOVE) – (3) NHHSS-65B-R2B Antennas (REPLACE)
(3) BXA-70063-6CF Antennas (REMOVE) – (3) NNH-65B-R2B Antennas (REPLACE)
(3) Nokia B13 RRH (REMOVE) - (3) Samsung RF4440D-13A (REPLACE)

Install New:
(3) MT6407-77A Antennas
(3) Samsung RT4401-48A
(3) Samsung RT4439D-25A
(2) Raycap RRFDC-3315-PF-48 OVP
(2) Hybrid Line

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

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The facility was approved by the Connecticut Siting Council in Docket No. 312 on May 17, 2006. Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies§ 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.SA. § 16-SOj-73, a copy of this letter is being sent to Magi Winslow, First Selectman, and Scott Eisenlohr, Zoning Enforcement Officer for the Town of Hartland. 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: Magi Winslow, First Selectman
Town of Hartland
22 South Rd, East Hartland, CT 06027

Scott Eisenlohr, Zoning Enforcement Officer
Town of Hartland
22 South Rd, East Hartland, CT 06027

Marlene Jung
PO Box 658, Simsbury, CT 06070-0658

Crown Castle, Tower Owner

Exhibit A

Original Facility Approval

DOCKET NO. 312 – New Cingular Wireless PCS, LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility at 350 Hartland Boulevard in Hartland, Connecticut.	}	Connecticut
	}	Siting
	}	Council

May 17, 2006

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Pubic Need, as provided by General Statutes § 16-50k, be issued to New Cingular Wireless PCS, LLC for the construction, maintenance and operation of a wireless telecommunications facility to be located at 350 Hartland Boulevard in Hartland, Connecticut.

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

1. The tower shall be designed as a monopole and shall be constructed no taller than 120 feet above ground level to provide telecommunications services to both public and private entities. The height of the tower may be extended upon a petition to the Council.

2. The location of the tower shall be moved 20 to 30 feet to the north of the location proposed in Cingular's application, and the tower shall be designed with a yield point to effectively maintain a setback radius on the lessor's property.

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

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

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

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

5. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.

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

7. The Certificate Holder shall provide reasonable space on the tower for no compensation for any municipal antennas, provided such antennas are compatible with the structural integrity of the tower.

8. If the facility authorized herein is not fully constructed and providing wireless services within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline.

9. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.

10. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and cease to function.

11. Any request for extension of the time periods referred to in Conditions 8, 9, and 10 shall be filed with the Council not later than sixty days prior to the expiration date of this Certificate and shall be served on all parties and intervenors and the Town of Hartland, as listed in the service list. Any proposed modifications to this Decision and Order shall likewise be so served.

12. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction and the commencement of site operation.

Pursuant to General Statutes § 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the Hartford Courant and Torrington's Register-Citizen.

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

The party to this proceeding is:

Status Granted	**Status Holder (name, address & phone number)**	**Representative (name, address & phone number)**
Applicant	New Cingular Wireless PCS, LLC 500 Enterprise Drive Rocky Hill, CT 06067	Christopher B. Fisher, Esq. Cuddy & Feder LLP 90 Maple Avenue White Plains, NY 10601 (914) 761-1300 (914) 761-6405 Fax

Exhibit B

Property Card

ADMINISTRATIVE INFORMATION

PARCEL NUMBER
29-23-013

Parent Parcel Number

Property Address
HARTLAND BLVD 350

Neighborhood
1 East Hartland

Property Class
107 Multiple Dwellings

TAXING DISTRICT INFORMATION

Jurisdiction 065

Area 065

Routing Number 98100225

OWNERSHIP

JUNG MARLENE D
PO BOX 658
SIMSBURY, CT 06070-0658

Census Tract: 3301

Tax ID 29-23-013 Printed 09/21/2020 Card No. 1 of 3

TRANSFER OF OWNERSHIP

Date			
12/03/2003	DRENA FRANK F	Bk/Pg: 74, 27	$220000
06/14/1994	NA	Bk/Pg: 57, 869	$0
10/02/1986	NA	Bk/Pg: 45, 342	$142000

RESIDENTIAL

VALUATION RECORD

Assessment Year		10/01/2005	10/01/2008	10/01/2009	10/01/2011	10/01/2015
Reason for Change		2005	Use Chg	BAA	2011 Reval	2015 Reval
VALUATION	L	98900	415960	362160	160240	150090
Market Value	B	208980	208980	208980	423780	807100
	T	307880	624940	571140	584020	957190
VALUATION	L	69230	291170	253510	112170	105070
70% Assessed/Use	B	146290	146290	146290	296660	564970
	T	215520	437460	399800	408830	670040

Site Description

Topography:
High, Rolling

Public Utilities:
Electric

Street or Road:
Paved

Neighborhood:

Zoning:
R-1

Legal Acres:
8.3000

LAND DATA AND CALCULATIONS

	Land Type	Rating Soil ID -or- Actual Frontage	Measured Acreage -or- Effective Frontage	Table Effective Depth	Prod. Factor -or- Depth Factor -or- Square Feet	Base Rate	Adjusted Rate	Extended Value	Influence Factor	Value
1	Homesite		2.0000		1.00	31856.00	31856.00	63710		63710
2	Res Excess Acres		6.1880		1.00	2400.00	2400.00	14850		14850
3	Primary Commercial		0.1120		1.00	638636.36	638636.36	71530		71530

G: GENERAL NOTES
LAND TYPE 61 ADDED 11/08. CELL TOWER ON .112 ACRES AS INCOME PROPERTY. SEE FILE FOR FMV COMPUTATION.
ADDED CELL TOWER AS PRIMARY COMMERCIAL FOR .112 ACRES.
CORRECTED CELL TOWER LAND TYPE VALUE TO $263,600 PER BAA DECISION 3/20/2010.
CELL TOWER VALUE CHANGED FOR 2015 GL.
L: LAND NOTES
SEE V82/P604 & V82/P608 FOR EASEMENTS GRANTED TO CL&P AND SNET FOR CONSTRUCTION OF A CELL TOWER

Permit Number / Type	FilingDate	Est. Cost / Est. SqFt	Field Visit

Supplemental Cards

TRUE TAX VALUE 150090

Supplemental Cards
TOTAL LAND VALUE 150090

IMPROVEMENT DATA

PHYSICAL CHARACTERISTICS

Style: Ranch
Occupancy: Single family

Story Height:	1.0
Finished Area:	1342
Attic:	None
Basement:	Full

ROOFING
Material: Metal Standing Seam
Type: Gable
Framing: Std for class
Pitch: Not available

FLOORING

Slab	B, 1.0	
Carpet		1.0

EXTERIOR COVER

Vinyl	1.0

INTERIOR FINISH

Drywall	1.0

ACCOMMODATIONS

Finished Rooms	7
Bedrooms	4
Formal Dining Rooms	1
Fireplaces: 1	

HEATING AND AIR CONDITIONING
Primary Heat: Hot Water - oil

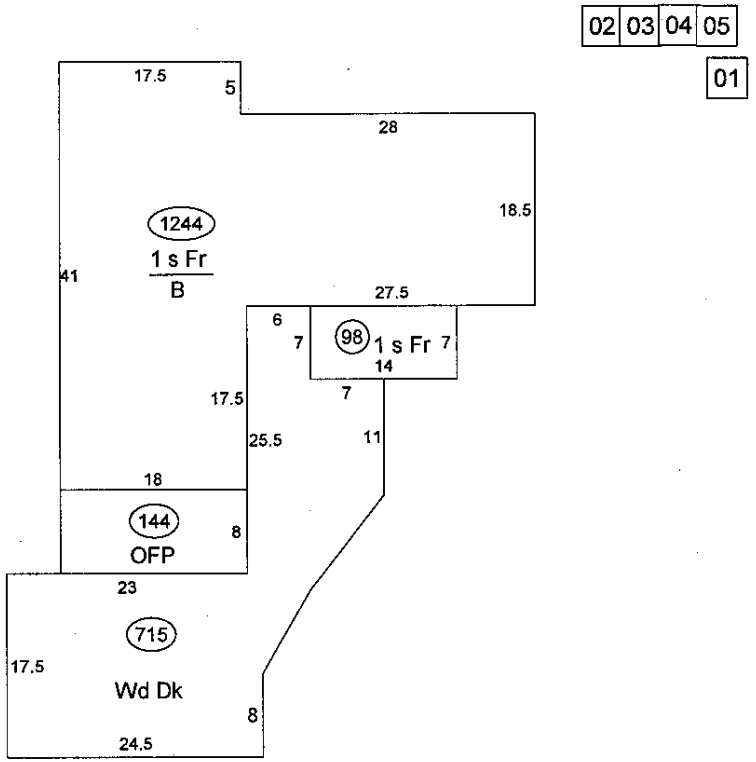
	Lower /Bsmt	1	Full Upper	Part Upper
Air Cond	0	1342	0	0

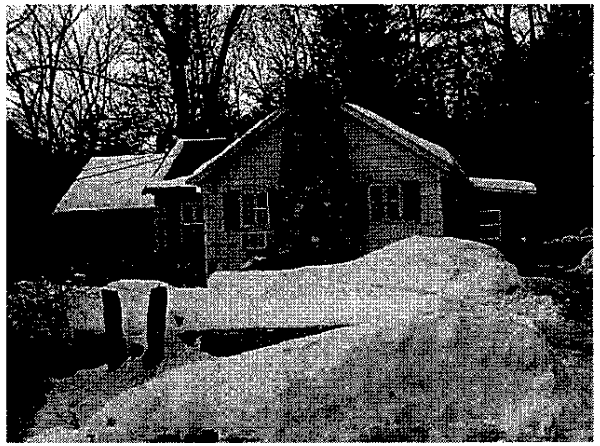
PLUMBING

	#	
3 Fixt. Baths	2	6
Kit Sink	1	1
Water Heat	1	1
TOTAL		8

REMODELING AND MODERNIZATION

	Amount	Date





(LCM: 100.00)

SPECIAL FEATURES

Description	Value
D :FP-CUST	5000

SUMMARY OF IMPROVEMENTS

ID	Use	Stry Hgt	Const Type	Grade	Year Const	Eff Year	Cond	Base Rate	Feat-ures	Adj Rate	Size or Area	Computed Value	Phys Depr	Obsol Depr	Market Adj	% Comp	Value
D	DWELL	0.00		Gd-	1950	1985	AV	0.00	Y	0.00	2586	190790	25	0	100	100	143090
01	SHEDGP	1.00	1	Avg	1993	1993	AV	25.00	N	25.00	11x 16	4400	30	0	100	100	3080
02	BARN2STY	2.00	1	Avg	1950	1950	AV	25.00	N	25.00	31x 31	24030	55	0	100	100	10810
03	SHEDGP	1.00	1	Avg	1950	1950	AV	25.00	N	25.00	12x 31	9300	55	0	100	100	4190
04	LEANTO	1.00	0	Fair	1950	1950	FR	6.95	N	5.91	13x 31	2380	70	0	100	100	710
05	LEANTO	1.00	0	Fair	1950	1950	FR	6.95	N	5.91	13x 43	3300	70	0	100	100	990

Data Collector/Date	Appraiser/Date	Neighborhood	Supplemental Cards
DB 08/19/2010	ARG 10/01/2011	Neigh 1 AV	

TOTAL IMPROVEMENT VALUE 162870

IMPROVEMENT DATA

PHYSICAL CHARACTERISTICS

Style: Cottage (year round)
Occupancy: Single family

Story Height:	1.0
Finished Area:	546
Attic:	None
Basement:	Full

ROOFING
Material: Asphalt Shingles
Type: Gable
Framing: Std for class
Pitch: Not available

FLOORING

Slab	B, 1.0	
Carpet		1.0

EXTERIOR COVER

Wood Shingle	1.0

INTERIOR FINISH

Drywall	1.0

ACCOMMODATIONS

Finished Rooms	3
Bedrooms	1

HEATING AND AIR CONDITIONING
Primary Heat: Electric Baseboard

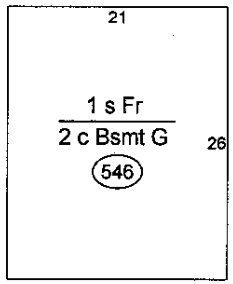
	Lower /Bsmt	Full Upper	Part Upper
	1		

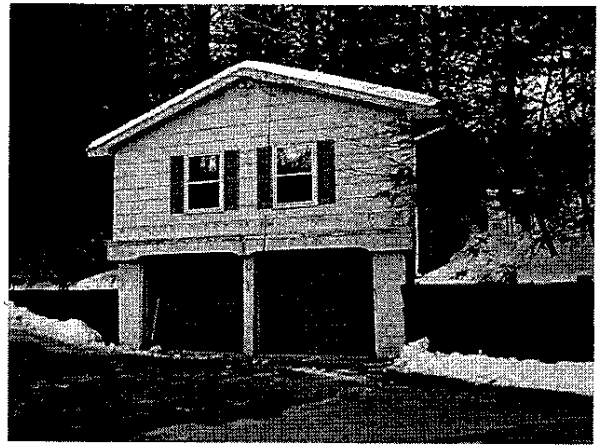
PLUMBING

	#	
3 Fixt. Baths	1	3
Kit Sink	1	1
Water Heat	1	1
TOTAL		5

REMODELING AND MODERNIZATION

	Amount	Date





(LCM: 100.00)

SPECIAL FEATURES

Description	Value

SUMMARY OF IMPROVEMENTS

ID	Use	Stry Hgt	Const Type	Grade	Year Const	Eff Year	Cond	Base Rate	Feat-ures	Adj Rate	Size or Area	Computed Value	Phys Depr	Obsol Depr	Market Adj	% Comp	Value
D	DWELL	0.00		Avg	1950	1980	FR	0.00	N	0.00	1092	67010	34	0	100	100	44230

Data Collector/Date	Appraiser/Date	Neighborhood	Supplemental Cards
DB 08/19/2010	ARG 10/01/2011	Neigh 1 AV	

TOTAL IMPROVEMENT VALUE 44230

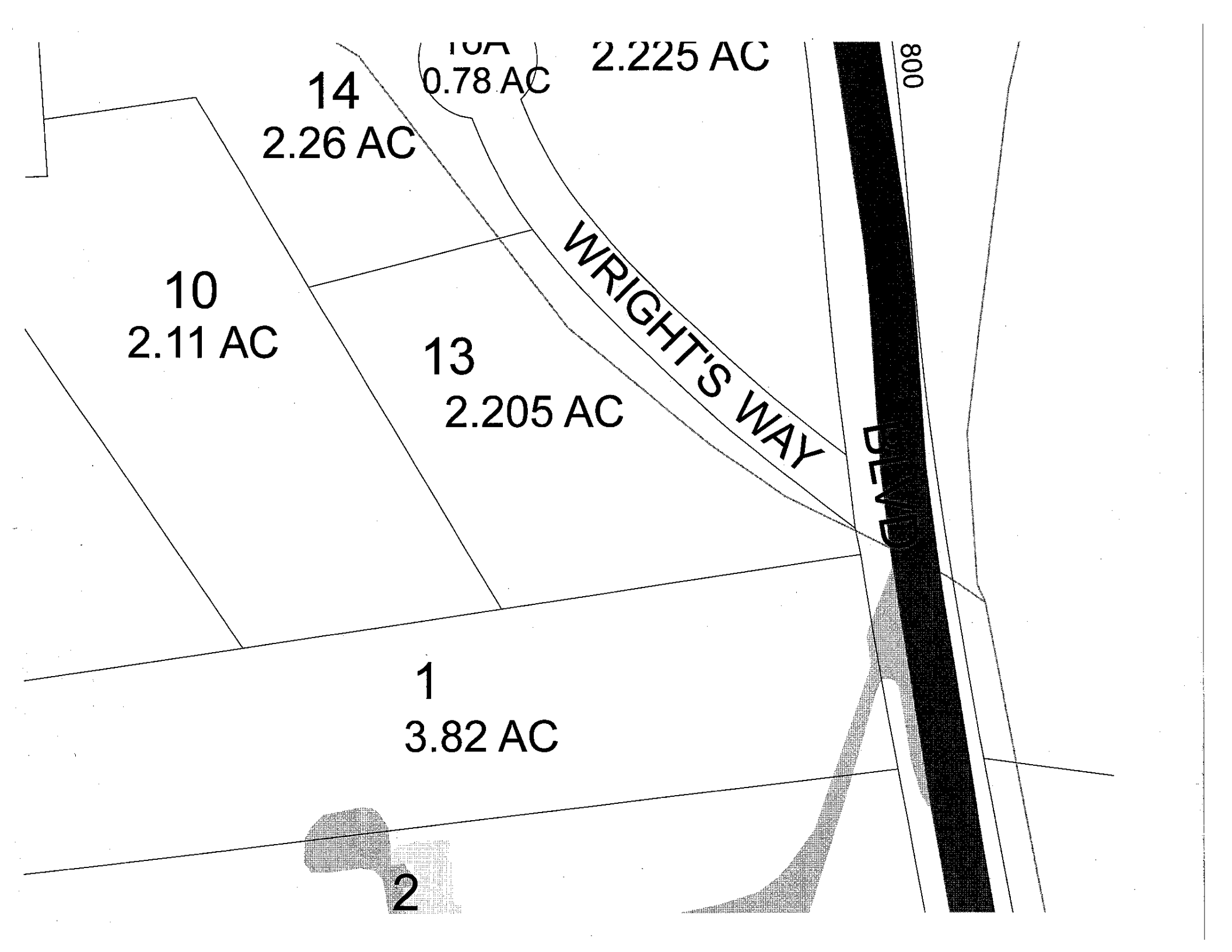

14
2.26 AC
16A
0.78 AC
2.225 AC
800
WRIGHT'S WAY
10
2.11 AC
13
2.205 AC
1
3.82 AC
2

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 324062
VERIZON SITE NAME: HARTLAND SECT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 120'-0"

BUSINESS UNIT #: 857014
SITE ADDRESS: 350 HARTLAND BLVD
EAST HARTLAND, CT 06027
COUNTY: HARTFORD
JURISDICTION: TOWN OF HARTLAND

VERIZON 5G L-SUB6-CARRIER ADD

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	HARTLAND-HARTLAND BLVD
SITE ADDRESS:	350 HARTLAND BLVD EAST HARTLAND, CT 06027
COUNTY:	HARTFORD
MAP/PARCEL #:	002419604
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 58' 37.4916""
LONGITUDE:	-72° 53' 16.3284"
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	928 FT
CURRENT ZONING:	----
JURISDICTION:	TOWN OF HARTLAND
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	----
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492
ELECTRIC PROVIDER:	NORTHEAST UTILITIES
TELCO PROVIDER:	AT&T

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:	1200 MACARTHUR BLVD, SUITE 200 MAHWAH, NJ 07430 WILLIAM GATES - PROJECT MANAGER WILLIAM.GATES@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	EQUIPMENT DETAILS
C-6	EQUIPMENT DETAILS
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	10094224
VzW LOCATION CODE (PSLC)	535827

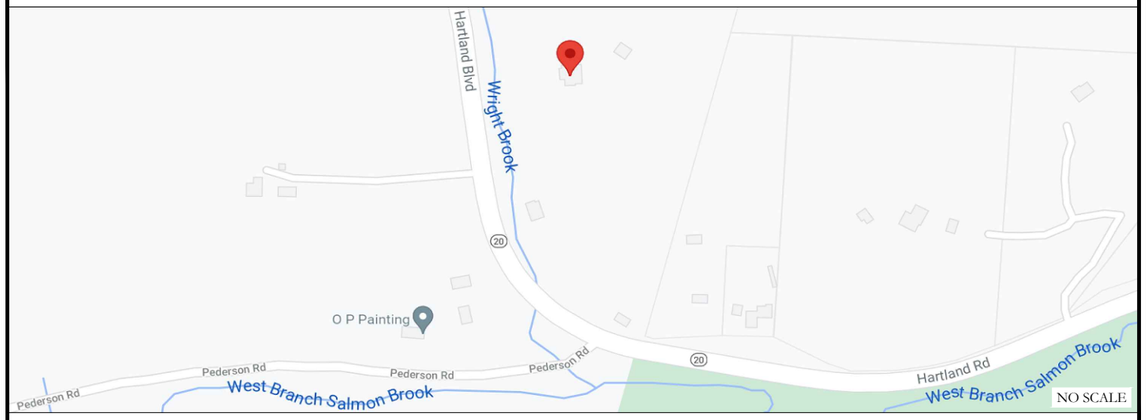
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	**Y**

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (20 ALEXANDER DRIVE, WALLINGFORD, CT 06492): HEAD SOUTH TOWARD ALEXANDER DR, SLIGHT RIGHT TOWARD ALEXANDER DR, TURN RIGHT TOWARD ALEXANDER DR, TURN RIGHT ONTO ALEXANDER DR, TURN RIGHT ONTO BARNES INDUSTRIAL PARK RD, TURN RIGHT ONTO CT-68 E, CONTINUE STRAIGHT TO STAY ON CT-68 E, SHARP LEFT TO MERGE ONTO I-91 N TOWARD HARTFORD, KEEP RIGHT TO STAY ON I-91 N, USE THE RIGHT 2 LANES TO TAKE EXIT 40 FOR CT-20 TOWARD BRADLEY INTERNATIONAL AIRPORT, CONTINUE ONTO CT-20 W, TAKE THE CT-20 W EXIT TOWARD E GRANBY/GRANBY, CONTINUE ONTO CT-20 W, SLIGHT LEFT ONTO CT-20 W/W GRANBY RD
CONTINUE TO FOLLOW CT-20 W 350 HARTLAND BLVD WILL BE ON THE RIGHT

APPLICABLE CODES/REFERENCE DOCUMENTS

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

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

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	BY OTHERS
DATED:	
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	08/13/2021
RFDS REVISION:	0
DATED:	07/28/2021
ORDER ID:	585190
REVISION:	0

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

PROJECT DESCRIPTION

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

TOWER SCOPE OF WORK:
- REMOVE (6) ANTENNAS
- REMOVE (3) RRHs
- INSTALL (9) ANTENNAS
- INSTALL (3) DUAL ANTENNA MOUNTS
- INSTALL (9) RRHs
- INSTALL (2) JUNCTION BOXES
- INSTALL MOUNT MODIFICATIONS PER MOUNT MODIFICATION DRAWINGS BY MASER CONSULTING CONNECTICUT DATED 08/13/2021

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

verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

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

ETS
ENGINEERED TOWER SOLUTIONS, PLLC
3227 WELLINGTON COURT
RALEIGH, NC 27615

VERIZON SITE NUMBER:
324062

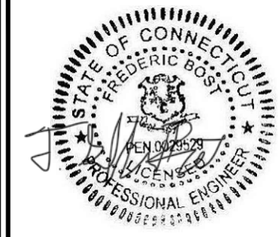
BU #: **857014**
HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD
EAST HARTLAND, CT 06027

EXISTING 120'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	09/29/2021	CP	CONSTRUCTION	DG



09/29/2021

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.

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

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).

ABBREVIATIONS:

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

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

ETS
ENGINEERED TOWER SOLUTIONS, PLLC
3227 WELLINGTON COURT
RALEIGH, NC 27615

VERIZON SITE NUMBER:
324062

BU #: **857014**
HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD
EAST HARTLAND, CT 06027

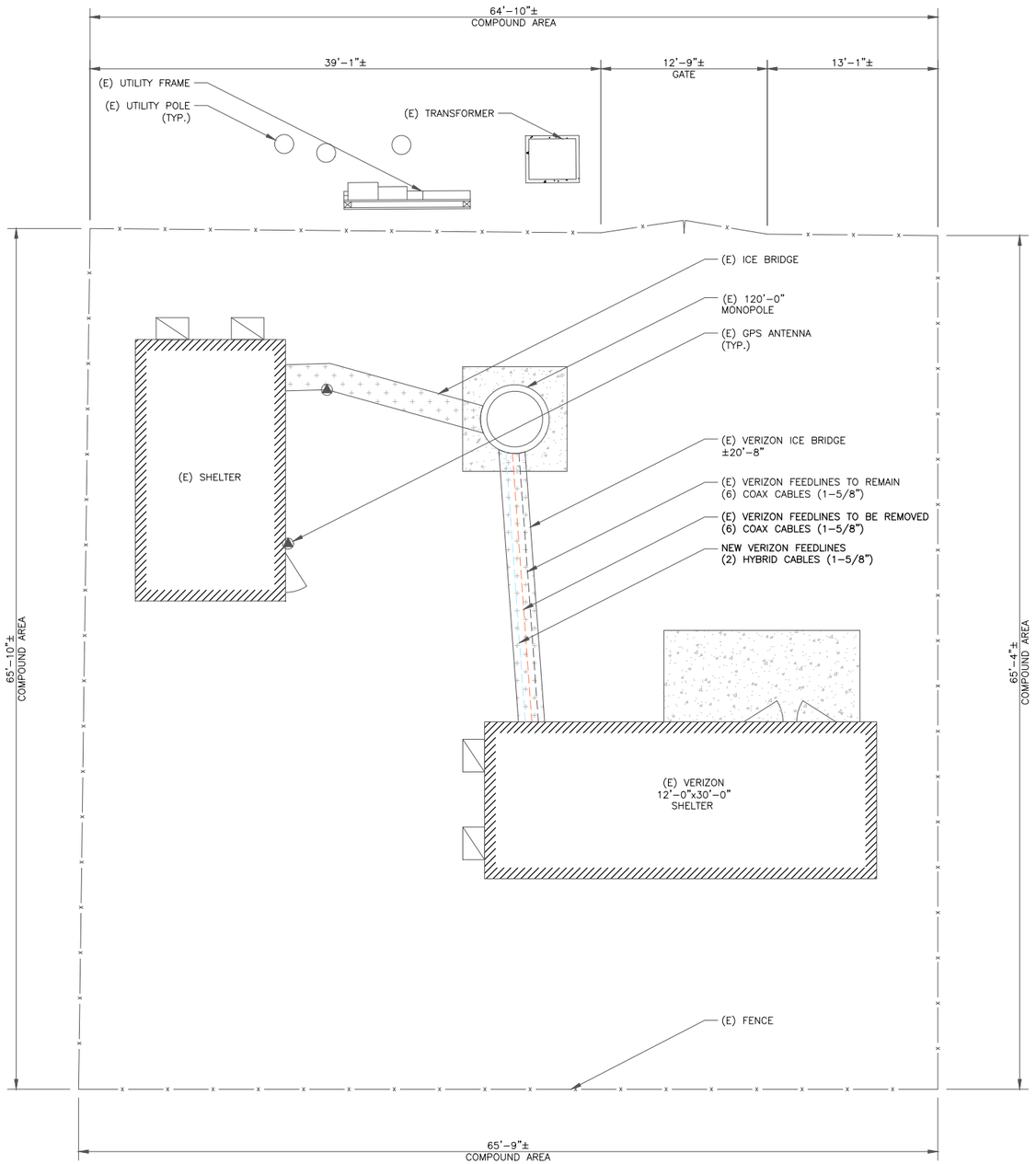
EXISTING 120'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	09/29/2021	CP	CONSTRUCTION	DG

09/29/2021

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



1 SITE PLAN

SCALE: 4' 2' 0 4' 3/16"=1'-0" (FULL SIZE) 3/32"=1'-0" (11x17)

N

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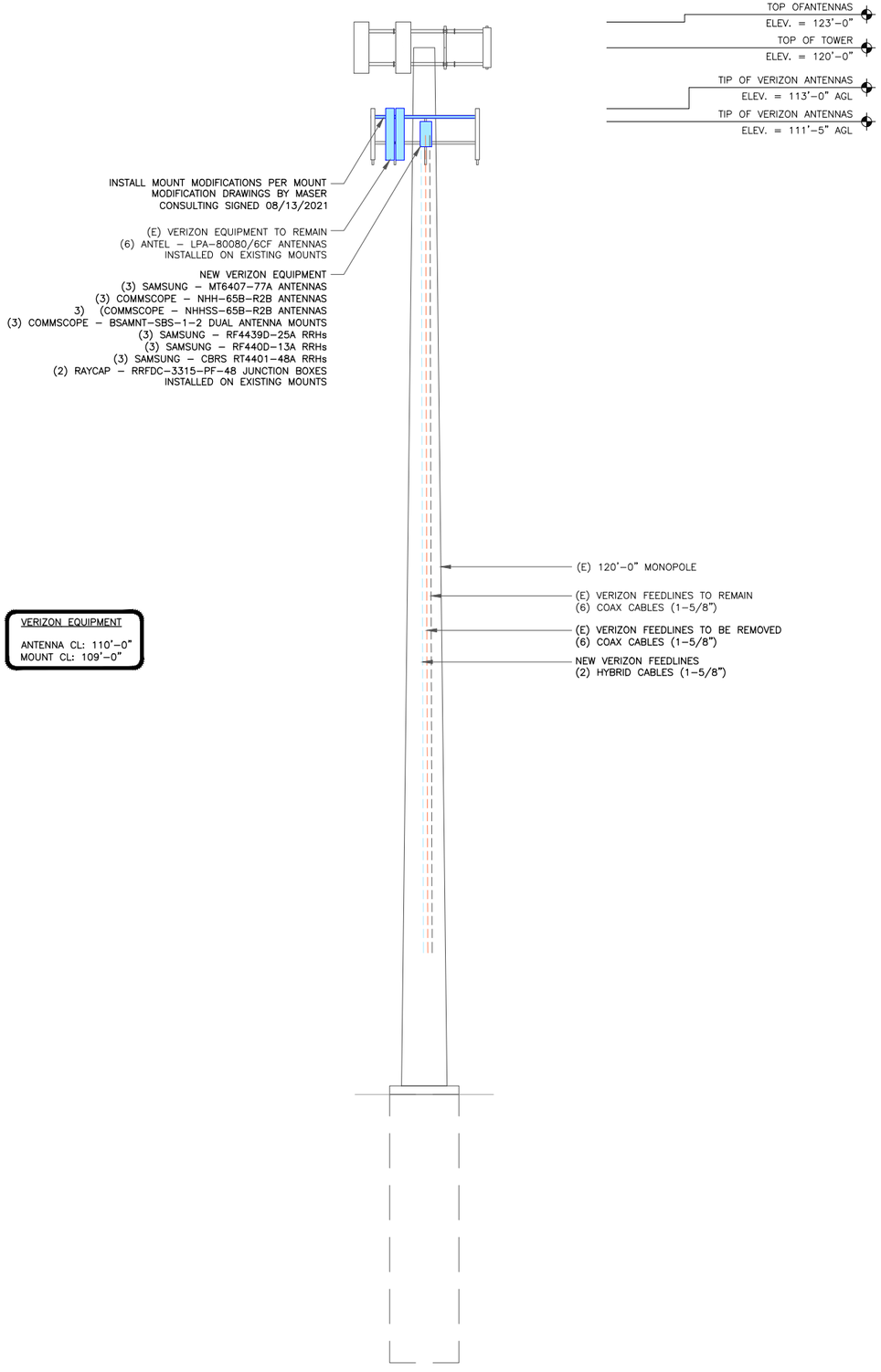
PEN.0029529
LICENSED PROFESSIONAL ENGINEER

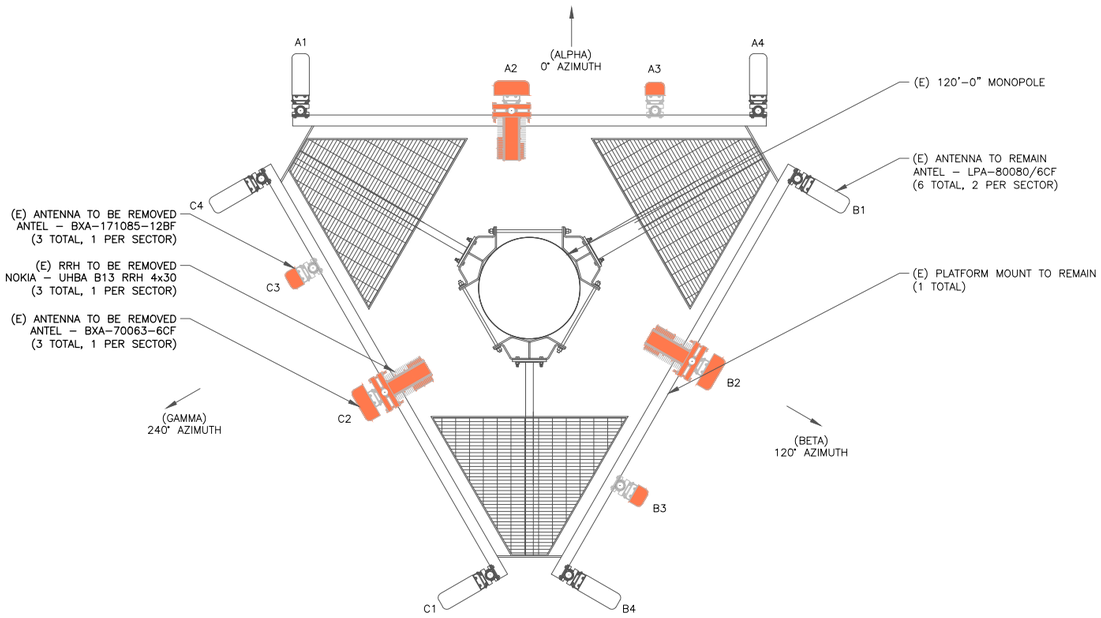
09/29/2021

SHEET NUMBER: C-1

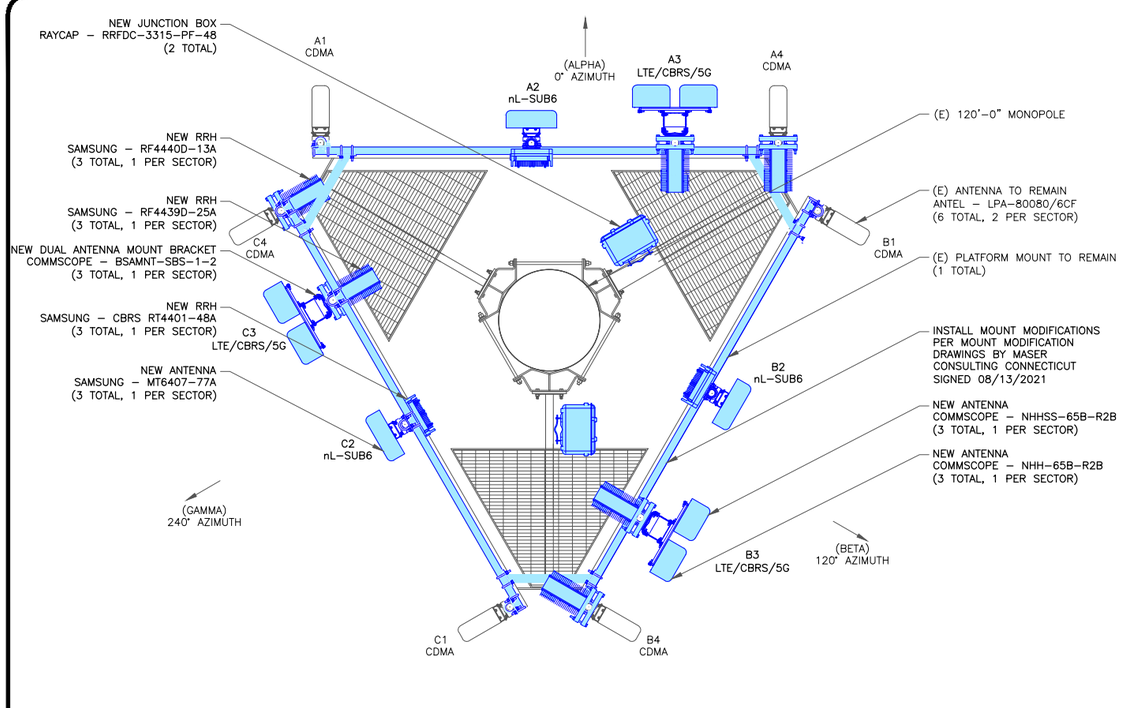
REVISION: 0



1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

N

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RALEIGH, NC 27615

VERIZON SITE NUMBER:
324062

BU #: **857014**
HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD
EAST HARTLAND, CT 06027

EXISTING 120'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	09/29/2021	CP	CONSTRUCTION	DG

STATE OF CONNECTICUT
FREDERIC BOST
PENGINEER
LICENSED
PROFESSIONAL ENGINEER

09/29/2021

SHEET NUMBER: C-2

REVISION: 0

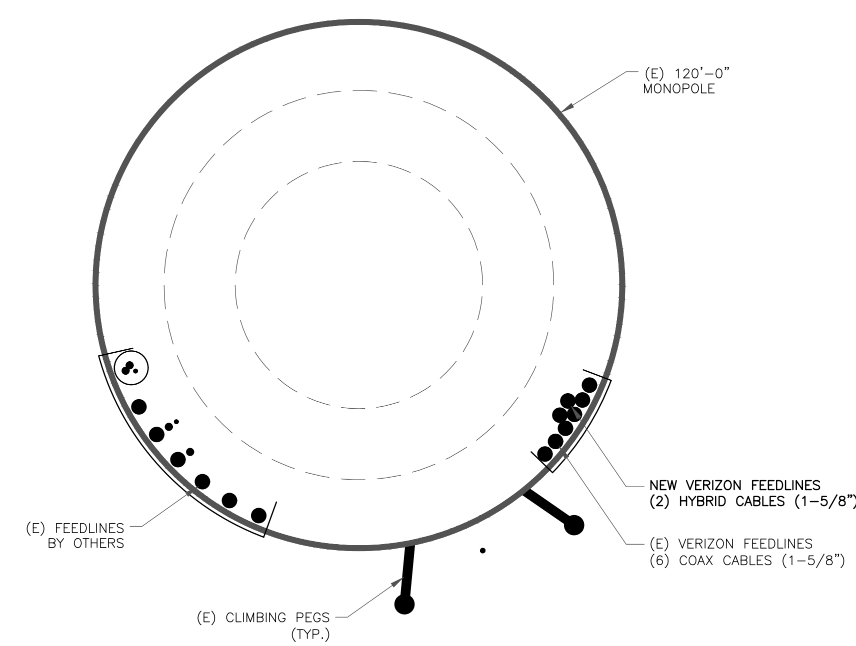
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANTEL	LPA-80080/6CF	110'-0"	0°	2°	0°	–	–
A2	NEW	SAMSUNG	MT6407-77A	110'-0"	0°	0°	6°	–	–
A3	NEW	COMMSCOPE	NHH-65B-R2B	110'-0"	0°	0°	4°/4°/4°/0°	SAMSUNG	(1) RF4439D-25A
	NEW	COMMSCOPE	NHHSS-65B-R2B	110'-0"	0°	0°	0°/0°/0°	SAMSUNG	(1) RF4440D-13A
								SAMSUNG	(1) CBRS RRH-RT4401-48A
A4	EXISTING	ANTEL	LPA-80080/6CF	110'-0"	0°	--	4°	RAYCAP	NEW (1) RRFDC-3315-PF-48
B1	EXISTING	ANTEL	LPA-80080/6CF	110'-0"	0°	0°	0°	–	–
B2	NEW	SAMSUNG	MT6407-77A	110'-0"	0°	0°	6°	–	–
B3	NEW	COMMSCOPE	NHH-65B-R2B	110'-0"	0°	0°	4°/4°/4°/0°	SAMSUNG	(1) RF4439D-25A
	NEW	COMMSCOPE	NHHSS-65B-R2B	110'-0"	0°	0°	0°/0°/0°	SAMSUNG	(1) RF4440D-13A
								SAMSUNG	(1) CBRS RRH-RT4401-48A
B4	EXISTING	ANTEL	LPA-80080/6CF	110'-0"	0°	--	4°	RAYCAP	NEW (1) RRFDC-3315-PF-48
C1	EXISTING	ANTEL	LPA-80080/6CF	110'-0"	0°	0°	0°	–	–
C2	NEW	SAMSUNG	MT6407-77A	110'-0"	0°	0°	6°	–	–
C3	NEW	COMMSCOPE	NHH-65B-R2B	110'-0"	0°	0°	4°/4°/4°/0°	SAMSUNG	(1) RF4439D-25A
	NEW	COMMSCOPE	NHHSS-65B-R2B	110'-0"	0°	0°	0°/0°/0°	SAMSUNG	(1) RF4440D-13A
								SAMSUNG	(1) CBRS RRH-RT4401-48A
C4	EXISTING	ANTEL	LPA-80080/6CF	110'-0"	0°	--	4°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	268'-0"±	6
NEW	HYBRID	1-5/8"	268'-0"±	2
TOTAL CABLE QTY:				8



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

N

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ENGINEERED TOWER SOLUTIONS, PLLC
3227 WELLINGTON COURT
RALEIGH, NC 27615

VERIZON SITE NUMBER:
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BU #: **857014**
HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD
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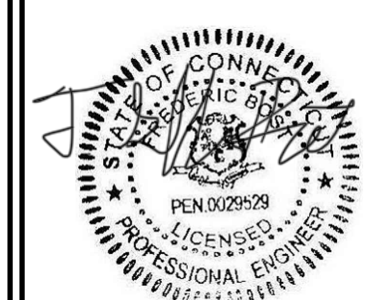
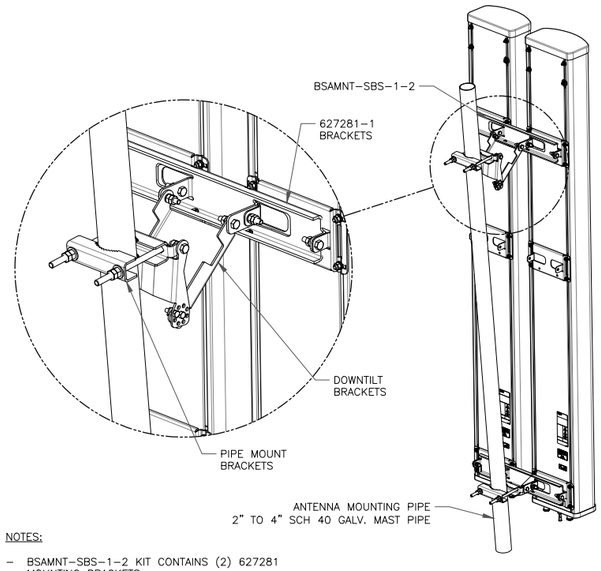


09/29/2021

SHEET NUMBER: C-3
REVISION: 0

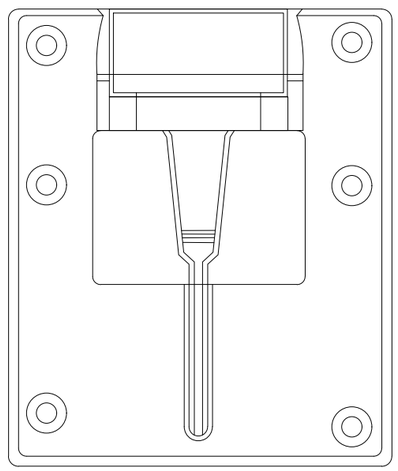


NOTES:

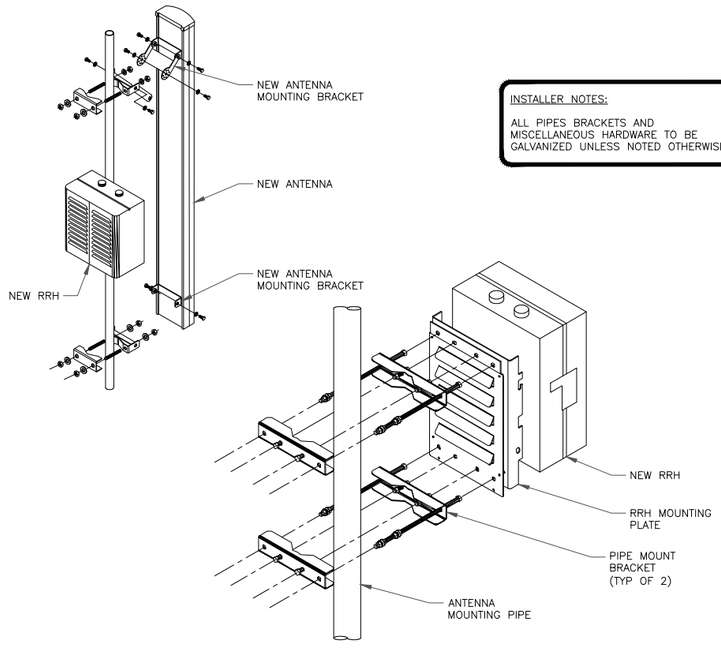
- BSAMNT-SBS-1-2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

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

2 NOT USED
SCALE: NOT TO SCALE



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



INSTALLER NOTES:

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

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

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STATE OF CONNECTICUT
FREDERIC BOST
PEN.0029579
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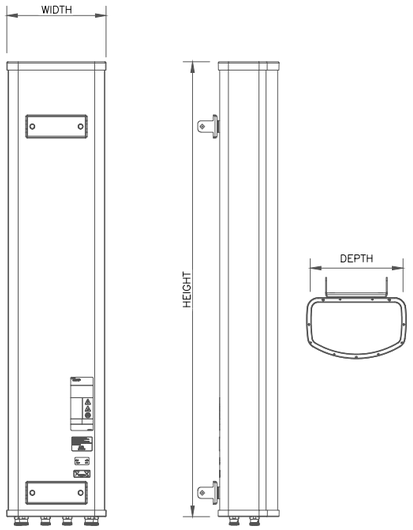
PROFESSIONAL ENGINEER

09/29/2021

SHEET NUMBER: C-4

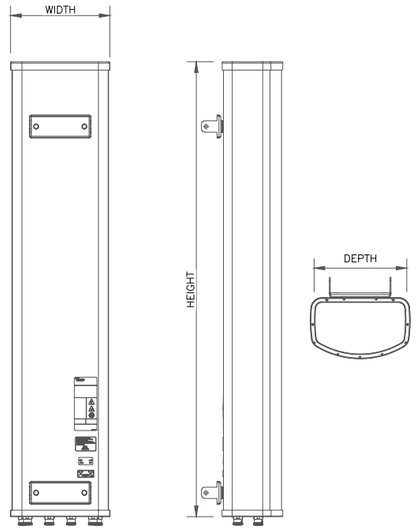
REVISION: 0

HEIGHT	WIDTH	DEPTH	WEIGHT
72.00"	11.90"	7.10"	43.70 LBS



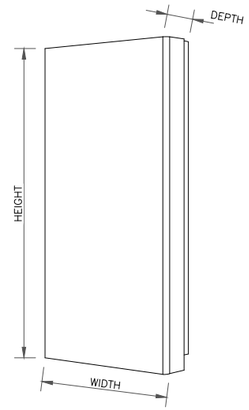
1 COMMSCOPE – NHH-65B-R2B
SCALE: NOT TO SCALE

HEIGHT	WIDTH	DEPTH	WEIGHT
72.00"	11.90"	7.10"	65.50 LBS



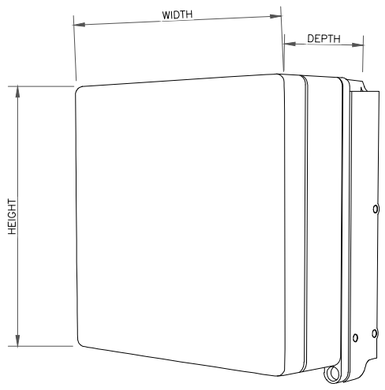
2 COMMSCOPE – NHHSS-65B-R2B
SCALE: NOT TO SCALE

HEIGHT	WIDTH	DEPTH	WEIGHT
35.06"	16.06"	5.51"	81.57 LBS



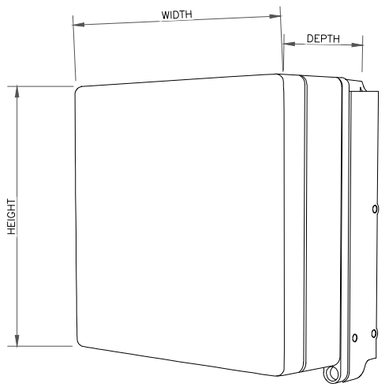
3 SAMSUNG – MT6407-77A
SCALE: NOT TO SCALE

HEIGHT	WIDTH	DEPTH	WEIGHT
14.96"	14.96"	10.04"	74.70 LBS



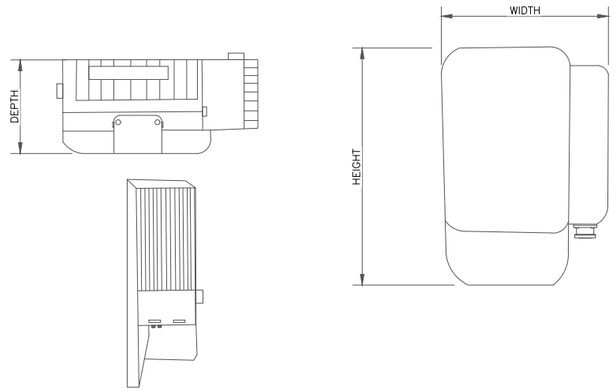
4 SAMSUNG – RF4439d-25A
SCALE: NOT TO SCALE

HEIGHT	WIDTH	DEPTH	WEIGHT
14.96"	14.96"	9.06"	72.50 LBS



5 SAMSUNG – RF4440d-13A
SCALE: NOT TO SCALE

HEIGHT	WIDTH	DEPTH	WEIGHT
13.91"	08.55"	4.15"	18.64 LBS



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

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3227 WELLINGTON COURT
RALEIGH, NC 27615

VERIZON SITE NUMBER:
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BU #: **857014**
HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD
EAST HARTLAND, CT 06027

EXISTING 120'-0" MONOPOLE

ISSUED FOR:

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0	09/29/2021	CP	CONSTRUCTION	DG

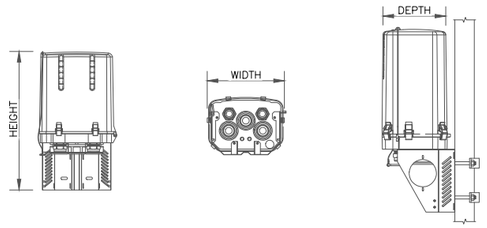
STATE OF CONNECTICUT
FREDERIC BOST
PEN.0029529
LICENSED
PROFESSIONAL ENGINEER

09/29/2021

SHEET NUMBER: C-5

REVISION: 0

HEIGHT	WIDTH	DEPTH	WEIGHT
25.66"	15.73"	10.25"	32.00 LBS



1 RAYCAP – RRFDC-3315-PF-48
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE

3 NOT USED
SCALE: NOT TO SCALE

4 NOT USED
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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20 ALEXANDER DRIVE, 2ND FLOOR
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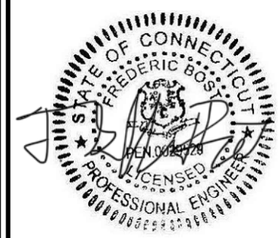
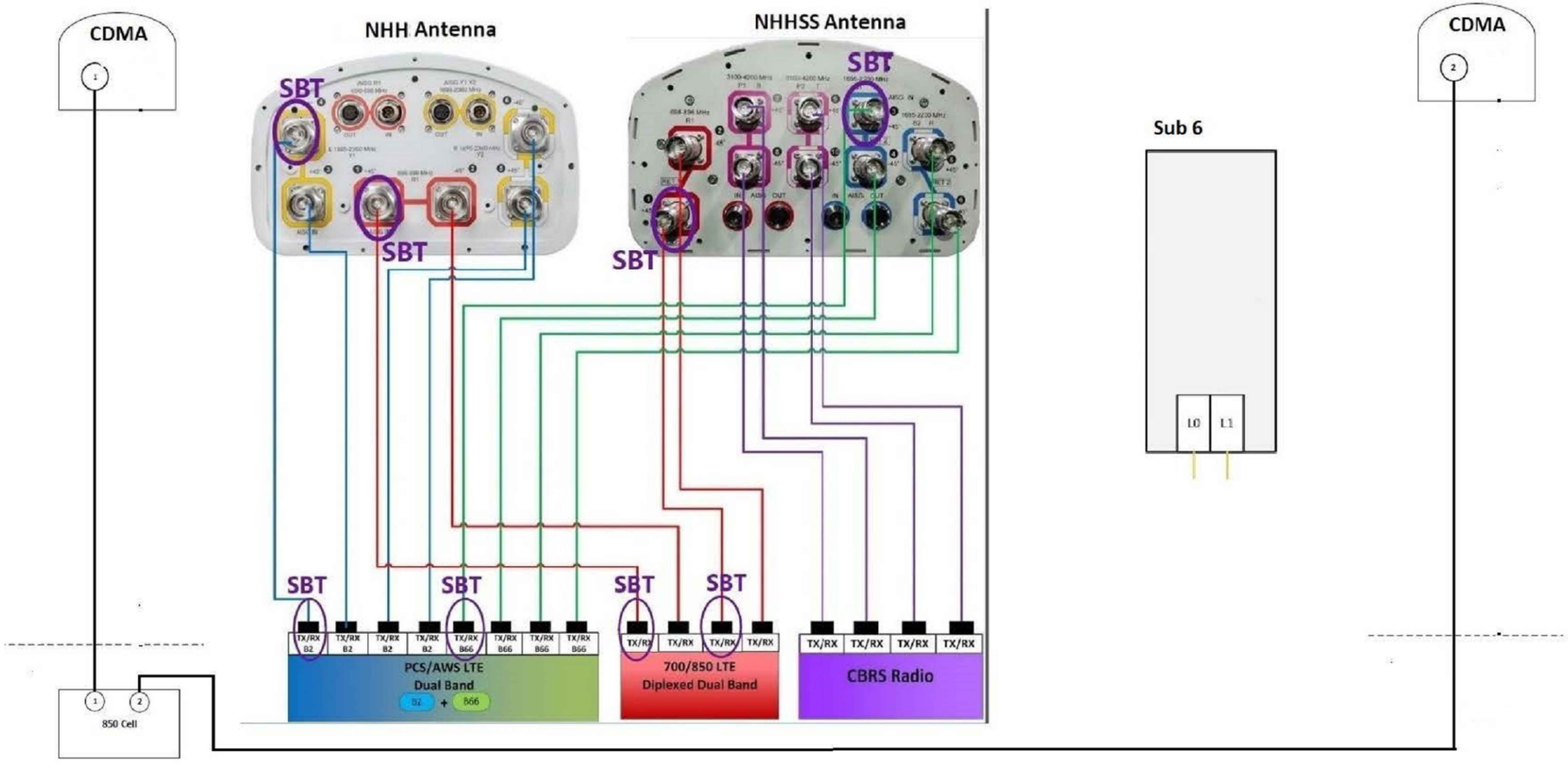


09/29/2021

SHEET NUMBER: C-6

REVISION: 0



1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

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1200 MACARTHUR BLVD, SUITE 200
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EXISTING 120'-0" MONOPOLE

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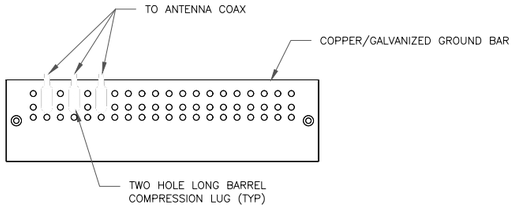
STATE OF CONNECTICUT
FREDERIC BOSE
PEN.0029529
LICENSED PROFESSIONAL ENGINEER

09/29/2021

SHEET NUMBER: C-7

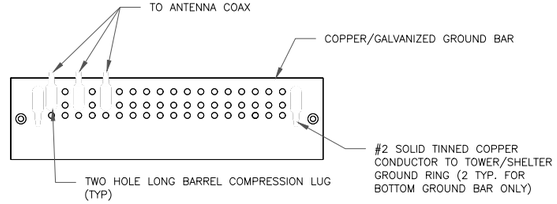
REVISION: 0



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.

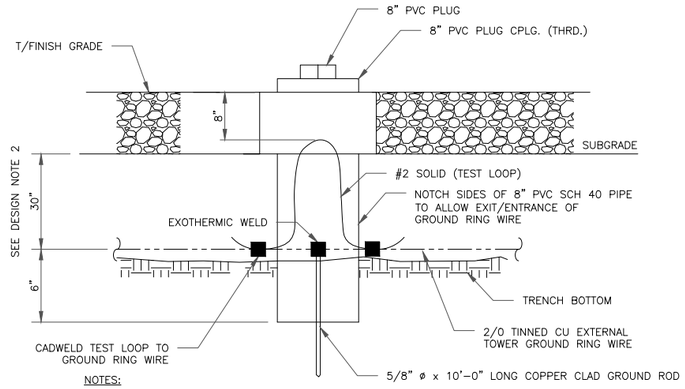
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

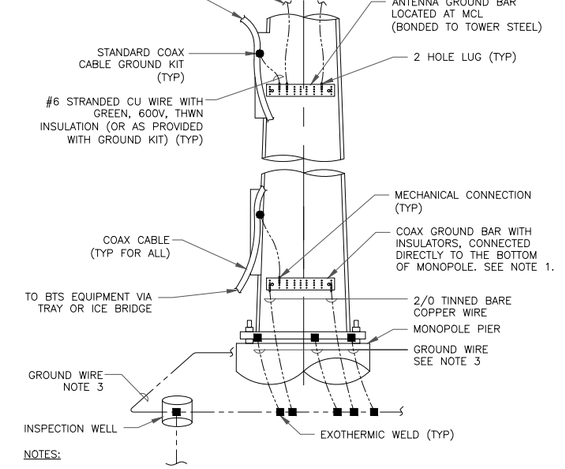
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

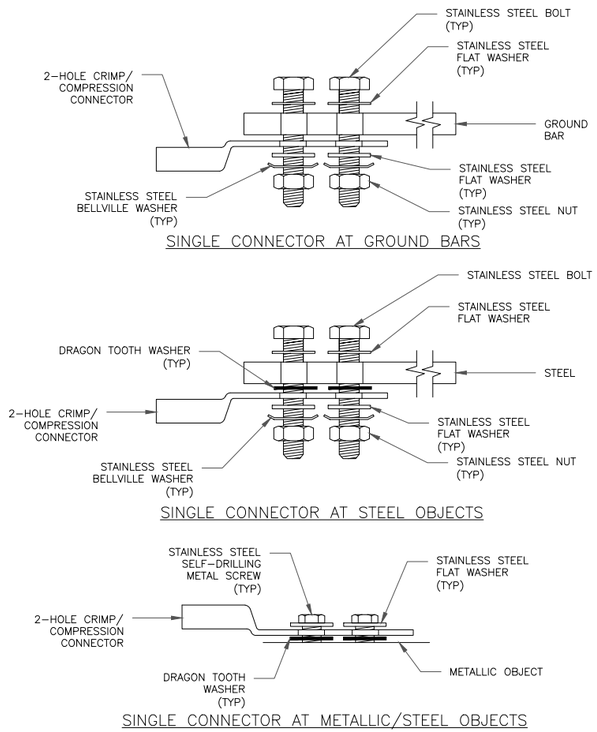
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



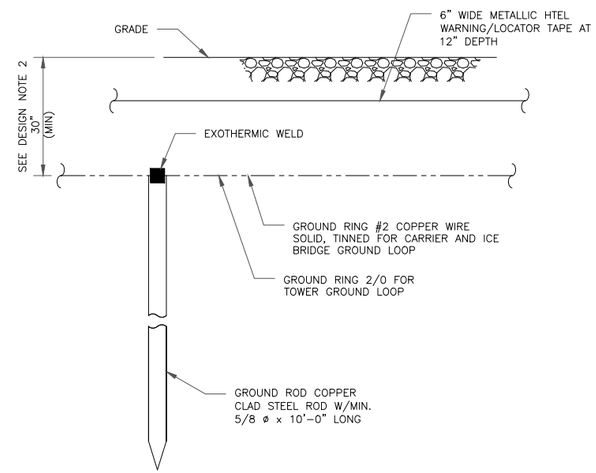
NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE

verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

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

ETS ENGINEERED TOWER SOLUTIONS, PLLC
3227 WELLINGTON COURT
RALEIGH, NC 27615

VERIZON SITE NUMBER:
324062

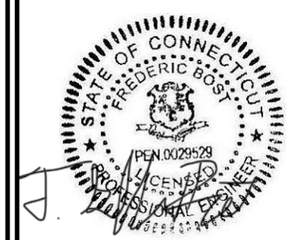
BU #: **857014**
HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD
EAST HARTLAND, CT 06027

EXISTING 120'-0" MONOPOLE

ISSUED FOR:

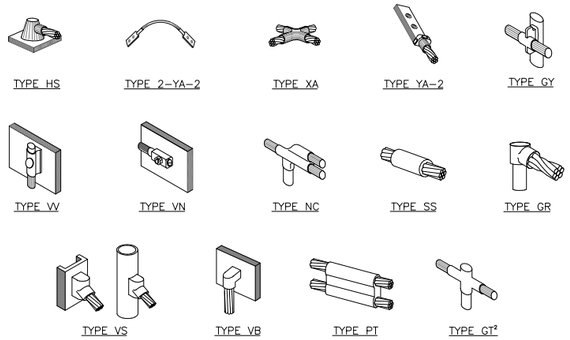
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	09/29/2021	CP	CONSTRUCTION	DG



09/29/2021

SHEET NUMBER: G-1

REVISION: 0

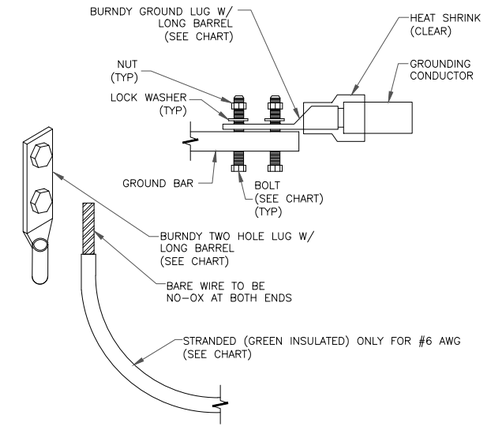


NOTE:

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

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

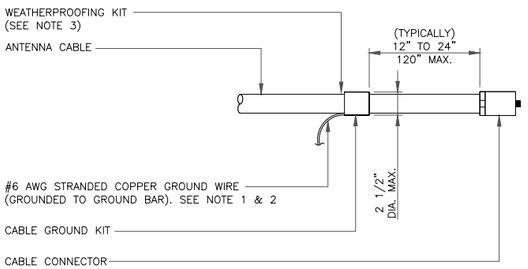
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



NOTES:

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

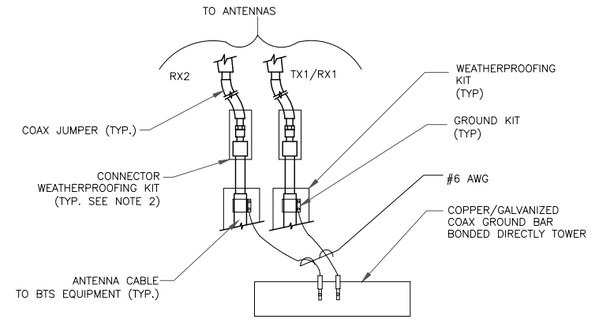
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

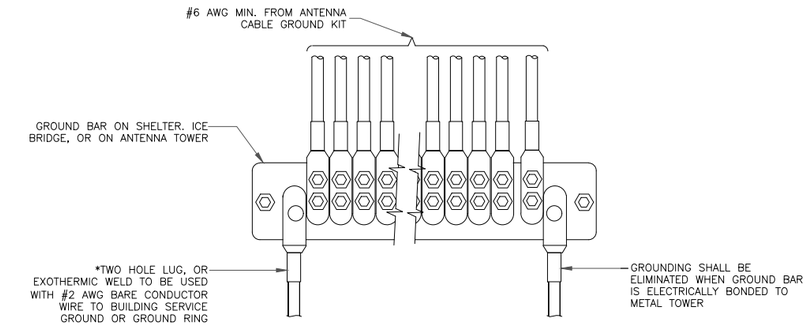
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



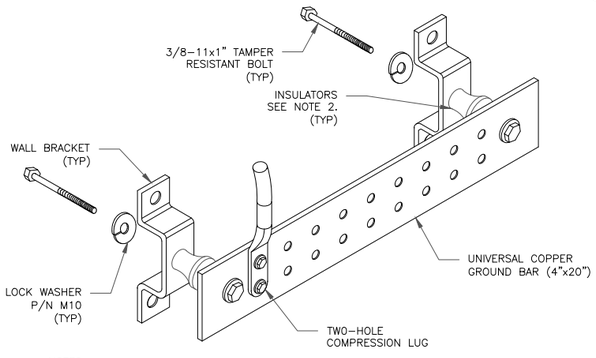
NOTES:

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

4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



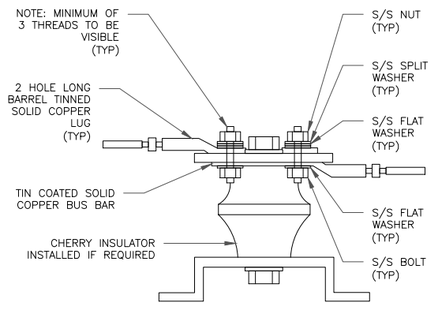
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



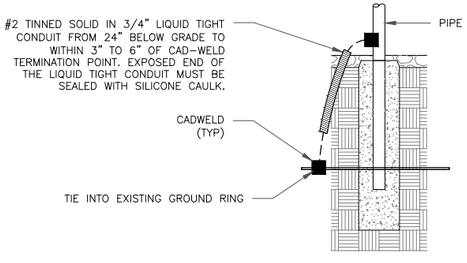
NOTES:

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

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

verizon
20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

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

ETS ENGINEERED TOWER SOLUTIONS, PLLC
3227 WELLINGTON COURT
RALEIGH, NC 27615

VERIZON SITE NUMBER:
324062

BU #: **857014**
HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD
EAST HARTLAND, CT 06027

EXISTING 120'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	09/29/2021	CP	CONSTRUCTION	DG

09/29/2021

SHEET NUMBER: G-2

REVISION: 0

Exhibit D

Structural Analysis Report

Date: **September 01, 2021**

Black & Veatch Corp.
6800 W. 115th St., Suite 2292
Overland Park, KS 66211
(913) 458-6909

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	535827
	Site Name:	HARTLAND SE CT
Crown Castle Designation:	**BU Number:**	857014
	Site Name:	HARTLAND - HARTLAND BOULEVARD
	JDE Job Number:	685105
	Work Order Number:	2015607
	Order Number:	585190 Rev. 0
Engineering Firm Designation:	**Black & Veatch Corp. Project Number:**	406642
Site Data:	**350 Hartland Boulevard, East Hartland, Hartford County, CT**	
	Latitude *41° 58' 37.5"*, Longitude *-72° 53' 16.34"*	
	120 Foot - Monopole Tower	

Black & Veatch Corp. is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above-mentioned tower.

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

LC5: Proposed Equipment Configuration **Sufficient Capacity – 20.2%**

This analysis utilizes an ultimate 3-second gust wind speed of 120 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: Angkoon Pansit/ Saowalak Hanruk

Respectfully submitted by:

Digitally signed by Jiang, Ping
DN: CN="Jiang, Ping", O=Black Veatch, C=US
Date: 2021.09.01 23:03:37-05'00'

STATE OF CONNECTICUT
PING JIANG
30767
LICENSED
PROFESSIONAL ENGINEER

Sep 01, 2021

Ping Jiang, P.E.
Professional Engineer

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 120 ft Monopole tower designed by Engineered Endeavors Incorporated.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	120 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	2 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
110.0	110.0	3	commscope	BASMNT-SBS-1-2 Side By Side Bracket	6	1-5/8
		6	antel	LPA-80080/6CF w/ Mount Pipe		
		1	cci tower mounts (v2.1)	Platform Mount [LP 303-1]		
		3	commscope	NHH-65B-R2B w/ Mount Pipe		
		3	commscope	NHHSS-65B-R2B w/ Mount Pipe		
		2	raycap	RRFDC-3315-PF-48		
		3	samsung telecommunications	CBRS RT4401-48A		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		3	samsung telecommunications	RF4439D-25A		
		3	samsung telecommunications	RF4440D-13A		

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)
120.0	120.0	1	site pro 1	HRK-12	6 4 2 1	1-5/8 3/4 3/8 2C
		2	cci antennas	DMP65R-BU6D w/ Mount Pipe		
		1	cci antennas	DMP65R-BU8D w/ Mount Pipe		
		2	cci antennas	OPA65R-BU6D w/ Mount Pipe		
		1	cci antennas	OPA65R-BU8D w/ Mount Pipe		
		1	cci tower mounts (v2.1)	Platform Mount [LP 712-1]		
		3	ericsson	RRUS 4449 B5/B12		
		3	ericsson	RRUS 4478 B14_CCIV2		
		3	ericsson	RRUS 8843 B2/B66A		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		3	powerwave technologies	7770.00 w/ Mount Pipe		
		6	powerwave technologies	LGP13519		
		1	raycap	DC6-48-60-18-8C		
		1	raycap	DC6-48-60-18-8F		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	6121289	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	5177752	CCISITES
4-TOWER MANUFACTURER DRAWINGS	5177737	CCISITES

3.1) Analysis Method

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

3.2) Assumptions

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

This analysis may be affected if any assumptions are not valid or have been made in error. Black & Veatch Corp. should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary) (Monopole Tower)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	120 - 92.51	Pole	TP37.3834x29.3x0.25	1	-9.88	1735.81	11.4	Pass
L2	92.51 - 45.69	Pole	TP50.5408x35.3632x0.375	2	-20.36	3522.11	16.3	Pass
L3	45.69 - 0	Pole	TP63x47.7998x0.4375	3	-39.28	5336.35	18.9	Pass
							Summary	
						Pole (L3)	18.9	Pass
						Rating =	18.9	Pass

Table 5 - Tower Component Stresses vs. Capacity (Monopole Tower) – LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	11.5	Pass
	Base Plate		7.0	Pass
1	Base Foundation (Structure)	0	20.2	Pass
	Base Foundation (Soil Interaction)		14.8	Pass

Structure Rating (max from all components) =	20.2%

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

4.1) Recommendations

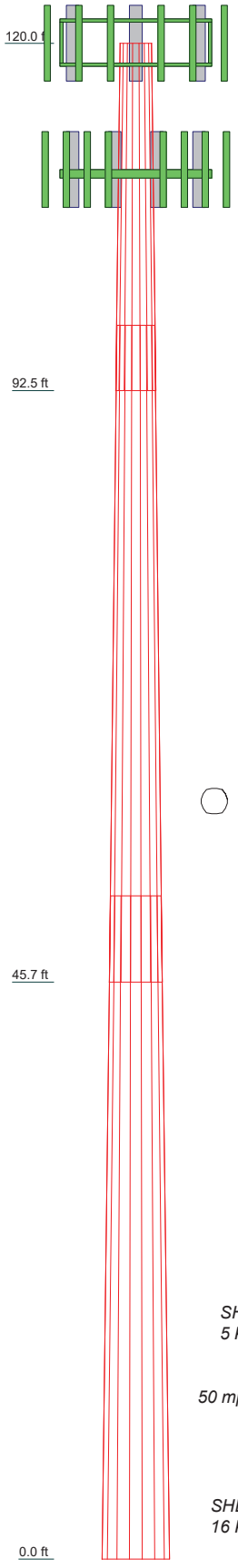
The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A

TNXTOWER OUTPUT

Section	1	2	3
Length (ft)	27.49	51.99	52.51
Number of Sides	18	18	18
Thickness (in)	0.2500	0.3750	0.4375
Socket Length (ft)	5.17	6.82	
Top Dia (in)	29.3000	35.3632	47.7998
Bot Dia (in)	37.3834	50.5408	63.0000
Grade	A572-65		
Weight (K)	2.5	9.0	13.6

25.1



ALL REACTIONS ARE FACTORED

AXIAL 68 K

SHEAR 5 K *MOMENT 431 kip-ft*

TORQUE 1 kip-ft

50 mph WIND - 2.0000 in ICE

AXIAL 39 K

SHEAR 16 K *MOMENT 1394 kip-ft*

TORQUE 1 kip-ft

REACTIONS - 120 mph WIND

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 120 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 2.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 18.9%

BLACK & VEATCH
Building a world of difference.

Black & Veatch Corp.
6800 W. 115th St., Suite 2292
Overland Park, KS 66211
Phone: (913) 458-6909
FAX:

Job: ***HARTLAND - HARTLAND BOULEVARD (BU# 857014***		
Project: ***406642 (857014.2015607)***		
Client: Crown Castle	Drawn by: pan94203	App'd:
Code: TIA-222-H	Date: 09/01/21	Scale: NTS
Path:		Dwg No. E-1

Tower Input Data

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

- Tower is located in Hartford County, Connecticut.
- Tower base elevation above sea level: 928.00 ft.
- Basic wind speed of 120 mph.
- Risk Category II.
- Exposure Category B.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.00 ft.
- Nominal ice thickness of 2.0000 in.
- Ice thickness is considered to increase with height.
- Ice density of 56 pcf.
- A wind speed of 50 mph is used in combination with ice.
- Temperature drop of 50 °F.
- Deflections calculated using a wind speed of 60 mph.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in pole design is 1.
- Tower analysis based on target reliabilities in accordance with Annex S.
- Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
- Maximum demand-capacity ratio is: 1.05.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	120.00-92.51	27.49	5.17	18	29.3000	37.3834	0.2500	1.0000	A572-65 (65 ksi)
L2	92.51-45.69	51.99	6.82	18	35.3632	50.5408	0.3750	1.5000	A572-65 (65 ksi)
L3	45.69-0.00	52.51		18	47.7998	63.0000	0.4375	1.7500	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	29.7134	23.0512	2457.6656	10.3127	14.8844	165.1169	4918.5651	11.5278	4.7168	18.867
	37.9215	29.4654	5133.0859	13.1824	18.9908	270.2938	10272.9260	14.7355	6.1395	24.558
L2	37.3834	41.6447	6440.7916	12.4208	17.9645	358.5291	12890.0582	20.8263	5.5639	14.837
	51.2626	59.7098	18984.4871	17.8089	25.6747	739.4231	37993.9544	29.8606	8.2352	21.96
L3	50.4744	65.7685	18638.9358	16.8136	24.2823	767.5934	37302.3973	32.8905	7.6428	17.469
	63.9044	86.8759	42960.0437	22.2097	32.0040	1342.3336	85976.6153	43.4462	10.3180	23.584

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 120.00-92.51				1	1	1			
L2 92.51-45.69				1	1	1			
L3 45.69-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight plf
***											
**											
****											

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
**									
***									
***									
***									
** Safety Line **									
Safety Line 3/8	C	No	No	CaAa (Out Of Face)	120.00 - 11.00	1	No Ice	0.04	0.22
							1/2" Ice	0.14	0.75

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
							1" Ice	0.24	1.28
							2" Ice	0.44	2.34
5/8 rod/step	C	No	No	CaAa (Out Of Face)	120.00 - 11.00	1	No Ice	0.02	0.27
							1/2" Ice	0.12	0.70
							1" Ice	0.22	1.74
							2" Ice	0.42	5.65
** 120E **									
LDF7-50A(1-5/8)	C	No	No	Inside Pole	120.00 - 0.00	6	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
							2" Ice	0.00	0.82
FB-L98-002-XXX(3/8)	C	No	No	Inside Pole	120.00 - 0.00	1	No Ice	0.00	0.06
							1/2" Ice	0.00	0.06
							1" Ice	0.00	0.06
							2" Ice	0.00	0.06
WR-VG86ST-BRD(3/4)	C	No	No	Inside Pole	120.00 - 0.00	2	No Ice	0.00	0.58
							1/2" Ice	0.00	0.58
							1" Ice	0.00	0.58
							2" Ice	0.00	0.58
2" Flex Conduit	C	No	No	Inside Pole	120.00 - 0.00	1	No Ice	0.00	0.36
							1/2" Ice	0.00	0.36
							1" Ice	0.00	0.36
							2" Ice	0.00	0.36
FB-L98-002-XXX(3/8)	C	No	No	Inside Pole	120.00 - 0.00	1	No Ice	0.00	0.06
							1/2" Ice	0.00	0.06
							1" Ice	0.00	0.06
							2" Ice	0.00	0.06
WR-VG86ST-BRD(3/4)	C	No	No	Inside Pole	120.00 - 0.00	2	No Ice	0.00	0.58
							1/2" Ice	0.00	0.58
							1" Ice	0.00	0.58
							2" Ice	0.00	0.58
** 110P **									
LDF7-50A(1-5/8)	C	No	No	Inside Pole	110.00 - 0.00	6	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
							2" Ice	0.00	0.82
****									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	120.00-92.51	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	1.581	0.31
L2	92.51-45.69	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	2.692	0.62
L3	45.69-0.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	1.995	0.60

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	120.00-92.51	A	1.910	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		C		0.000	0.000	0.000	22.582	0.51
L2	92.51-45.69	A	1.829	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	38.460	0.95
L3	45.69-0.00	A	1.634	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	27.369	0.83

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	120.00-92.51	-0.4529	0.2615	-2.7764	1.6030
L2	92.51-45.69	-0.4564	0.2635	-2.9784	1.7196
L3	45.69-0.00	-0.3401	0.1963	-2.3145	1.3363

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

Discrete Tower Loads

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
***									
7770.00 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
7770.00 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
7770.00 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
DMP65R-BU6D w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	11.96 12.70 13.46 15.02	5.97 6.63 7.30 8.69	0.11 0.20 0.30 0.53
DMP65R-BU8D w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	15.89 16.81 17.76 19.70	7.89 8.74 9.60 11.37	0.14 0.25 0.38 0.68
DMP65R-BU6D w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	11.96 12.70 13.46 15.02	5.97 6.63 7.30 8.69	0.11 0.20 0.30 0.53

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
OPA65R-BU6D w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	12.25 13.00 13.76 15.34	6.05 6.71 7.39 8.79	0.09 0.18 0.27 0.51
OPA65R-BU8D w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	17.46 18.46 19.48 21.58	8.58 9.49 10.42 12.33	0.11 0.22 0.35 0.66
OPA65R-BU6D w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	12.25 13.00 13.76 15.34	6.05 6.71 7.39 8.79	0.09 0.18 0.27 0.51
DC6-48-60-18-8F	A	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.92 1.46 1.64 2.04	0.92 1.46 1.64 2.04	0.02 0.04 0.06 0.11
(2) LGP13519	A	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.29 0.36 0.44 0.62	0.18 0.24 0.31 0.47	0.01 0.01 0.01 0.02
(2) LGP13519	B	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.29 0.36 0.44 0.62	0.18 0.24 0.31 0.47	0.01 0.01 0.01 0.02
(2) LGP13519	C	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.29 0.36 0.44 0.62	0.18 0.24 0.31 0.47	0.01 0.01 0.01 0.02
RRUS 8843 B2/B66A	A	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	0.07 0.09 0.11 0.16
RRUS 8843 B2/B66A	B	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	0.07 0.09 0.11 0.16
RRUS 8843 B2/B66A	C	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	0.07 0.09 0.11 0.16
RRUS 4449 B5/B12	A	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 4449 B5/B12	B	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 4449 B5/B12	C	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16

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
RRUS 4478 B14_CCIV2	A	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.02 2.20 2.39 2.78	1.25 1.40 1.55 1.89	0.06 0.08 0.10 0.15
RRUS 4478 B14_CCIV2	B	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.02 2.20 2.39 2.78	1.25 1.40 1.55 1.89	0.06 0.08 0.10 0.15
RRUS 4478 B14_CCIV2	C	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.02 2.20 2.39 2.78	1.25 1.40 1.55 1.89	0.06 0.08 0.10 0.15
DC6-48-60-18-8C	B	From Leg	4.00 0.00 0.00	0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.14 1.79 2.00 2.45	1.14 1.79 2.00 2.45	0.03 0.05 0.07 0.13
Platform Mount [LP 712-1]	C	None		0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	24.56 27.92 31.27 37.98	24.56 27.92 31.27 37.98	1.34 1.91 2.55 3.97
site pro 1 HRK-12 [NA 507-1]	C	None		0.00	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.56 6.39 8.18 11.66	4.56 6.39 8.18 11.66	0.25 0.31 0.40 0.66
***									
(2) LPA-80080/6CF w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.56 5.11 5.61 6.65	10.26 11.43 12.31 14.13	0.05 0.11 0.19 0.36
(2) LPA-80080/6CF w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.56 5.11 5.61 6.65	10.26 11.43 12.31 14.13	0.05 0.11 0.19 0.36
(2) LPA-80080/6CF w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.56 5.11 5.61 6.65	10.26 11.43 12.31 14.13	0.05 0.11 0.19 0.36
NHH-65B-R2B w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.70	3.29 3.67 4.06 4.86	0.07 0.13 0.21 0.39
NHH-65B-R2B w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.70	3.29 3.67 4.06 4.86	0.07 0.13 0.21 0.39
NHH-65B-R2B w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.70	3.29 3.67 4.06 4.86	0.07 0.13 0.21 0.39
NHHSS-65B-R2B w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice	3.89 4.27 4.65 5.43	3.14 3.50 3.87 4.63	0.09 0.15 0.23 0.41

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						2" Ice			
NHHSS-65B-R2B w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.89 4.27 4.65 5.43	3.14 3.50 3.87 4.63	0.09 0.15 0.23 0.41
NHHSS-65B-R2B w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.89 4.27 4.65 5.43	3.14 3.50 3.87 4.63	0.09 0.15 0.23 0.41
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
(2) CBRS RT4401-48A	A	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.99 1.12 1.26 1.55	0.50 0.60 0.70 0.94	0.02 0.03 0.04 0.06
CBRS RT4401-48A	B	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.99 1.12 1.26 1.55	0.50 0.60 0.70 0.94	0.02 0.03 0.04 0.06
RF4439D-25A	A	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.25 1.39 1.54 1.87	0.07 0.09 0.11 0.17
RF4439D-25A	B	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.25 1.39 1.54 1.87	0.07 0.09 0.11 0.17
RF4439D-25A	C	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.25 1.39 1.54 1.87	0.07 0.09 0.11 0.17
RF4440D-13A	A	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.13 1.27 1.41 1.72	0.07 0.09 0.11 0.16
RF4440D-13A	B	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.13 1.27 1.41 1.72	0.07 0.09 0.11 0.16
RF4440D-13A	C	From Leg	4.00 0.00 0.00	0.00	110.00	No Ice 1/2" Ice 1" Ice	1.87 2.03 2.21 2.59	1.13 1.27 1.41 1.72	0.07 0.09 0.11 0.16

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			
RRFDC-3315-PF-48	B	From Leg	4.00 0.00	0.00	110.00	No Ice 1/2"	3.71 3.95	2.19 2.39	0.02 0.05
			0.00			Ice	4.20	2.61	0.09
						1" Ice	4.72	3.05	0.17
						2" Ice			
RRFDC-3315-PF-48	C	From Leg	4.00 0.00	0.00	110.00	No Ice 1/2"	3.71 3.95	2.19 2.39	0.02 0.05
			0.00			Ice	4.20	2.61	0.09
						1" Ice	4.72	3.05	0.17
						2" Ice			
Platform Mount [LP 303-1]	C	None		0.00	110.00	No Ice	14.69	14.69	1.25
						1/2"	18.01	18.01	1.57
						Ice	21.34	21.34	1.94
						1" Ice	28.08	28.08	2.85
						2" Ice			
BASMNT-SBS-1-2 Side By Side Bracket [BSAMNT-SBS-2-2]	A	From Leg	4.00 0.00	0.00	110.00	No Ice 1/2"	0.00 0.00	0.00 0.00	0.07 0.09
			0.00			Ice	0.00	0.00	0.11
						1" Ice	0.00	0.00	0.15
						2" Ice			
BASMNT-SBS-1-2 Side By Side Bracket [BSAMNT-SBS-2-2]	B	From Leg	4.00 0.00	0.00	110.00	No Ice 1/2"	0.00 0.00	0.00 0.00	0.07 0.09
			0.00			Ice	0.00	0.00	0.11
						1" Ice	0.00	0.00	0.15
						2" Ice			
BASMNT-SBS-1-2 Side By Side Bracket [BSAMNT-SBS-2-2]	C	From Leg	4.00 0.00	0.00	110.00	No Ice 1/2"	0.00 0.00	0.00 0.00	0.07 0.09
			0.00			Ice	0.00	0.00	0.11
						1" Ice	0.00	0.00	0.15
						2" Ice			
***									

Load Combinations

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

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

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	120 - 92.51	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-26.16	-2.02	-1.04
			Max. Mx	8	-9.88	-153.03	-1.65
			Max. My	14	-9.89	-2.09	-150.54
			Max. Vy	8	9.07	-153.03	-1.65
			Max. Vx	14	8.97	-2.09	-150.54
			Max. Torque	4			-1.05
L2	92.51 - 45.69	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-41.99	-1.49	-1.35
			Max. Mx	8	-20.36	-636.91	-5.06
			Max. My	14	-20.36	-5.44	-629.89
			Max. Vy	8	12.40	-636.91	-5.06
			Max. Vx	14	12.30	-5.44	-629.89
			Max. Torque	4			-1.02
L3	45.69 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-67.93	-0.92	-1.68
			Max. Mx	8	-39.28	-1389.42	-8.99
			Max. My	14	-39.28	-9.30	-1377.16
			Max. Vy	8	16.29	-1389.42	-8.99
			Max. Vx	14	16.19	-9.30	-1377.16
			Max. Torque	4			-0.95

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	67.93	0.00	0.00

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
	Max. H_x	21	29.46	16.28	0.07
	Max. H_z	2	39.28	0.07	16.18
	Max. M_x	2	1376.95	0.07	16.18
	Max. M_z	8	1389.42	-16.28	-0.07
	Max. Torsion	18	0.93	14.06	-8.03
	Min. Vert	17	29.46	8.08	-13.97
	Min. H_x	8	39.28	-16.28	-0.07
	Min. H_z	14	39.28	-0.07	-16.18
	Min. M_x	14	-1377.16	-0.07	-16.18
	Min. M_z	20	-1388.57	16.28	0.07
	Min. Torsion	6	-0.93	-14.06	8.03

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	32.73	0.00	0.00	0.09	-0.34	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	39.28	-0.07	-16.18	-1376.95	8.46	0.61
0.9 Dead+1.0 Wind 0 deg - No Ice	29.46	-0.07	-16.18	-1372.74	8.54	0.61
1.2 Dead+1.0 Wind 30 deg - No Ice	39.28	8.08	-13.97	-1188.02	-687.23	0.89
0.9 Dead+1.0 Wind 30 deg - No Ice	29.46	8.08	-13.97	-1184.40	-685.01	0.89
1.2 Dead+1.0 Wind 60 deg - No Ice	39.28	14.06	-8.03	-680.73	-1198.89	0.93
0.9 Dead+1.0 Wind 60 deg - No Ice	29.46	14.06	-8.03	-678.67	-1195.09	0.93
1.2 Dead+1.0 Wind 90 deg - No Ice	39.28	16.28	0.07	8.99	-1389.42	0.72
0.9 Dead+1.0 Wind 90 deg - No Ice	29.46	16.28	0.07	8.93	-1385.03	0.72
1.2 Dead+1.0 Wind 120 deg - No Ice	39.28	14.13	8.15	696.32	-1207.77	0.32
0.9 Dead+1.0 Wind 120 deg - No Ice	29.46	14.13	8.15	694.15	-1203.94	0.32
1.2 Dead+1.0 Wind 150 deg - No Ice	39.28	8.20	14.05	1197.11	-702.61	-0.17
0.9 Dead+1.0 Wind 150 deg - No Ice	29.46	8.20	14.05	1193.40	-700.34	-0.17
1.2 Dead+1.0 Wind 180 deg - No Ice	39.28	0.07	16.18	1377.16	-9.30	-0.61
0.9 Dead+1.0 Wind 180 deg - No Ice	29.46	0.07	16.18	1372.90	-9.16	-0.61
1.2 Dead+1.0 Wind 210 deg - No Ice	39.28	-8.08	13.97	1188.23	686.39	-0.89
0.9 Dead+1.0 Wind 210 deg - No Ice	29.46	-8.08	13.97	1184.55	684.38	-0.89
1.2 Dead+1.0 Wind 240 deg - No Ice	39.28	-14.06	8.03	680.94	1198.04	-0.93
0.9 Dead+1.0 Wind 240 deg - No Ice	29.46	-14.06	8.03	678.83	1194.46	-0.93
1.2 Dead+1.0 Wind 270 deg - No Ice	39.28	-16.28	-0.07	-8.78	1388.57	-0.72
0.9 Dead+1.0 Wind 270 deg - No Ice	29.46	-16.28	-0.07	-8.77	1384.41	-0.72
1.2 Dead+1.0 Wind 300 deg - No Ice	39.28	-14.13	-8.15	-696.11	1206.92	-0.32
0.9 Dead+1.0 Wind 300 deg - No Ice	29.46	-14.13	-8.15	-694.00	1203.31	-0.32
1.2 Dead+1.0 Wind 330 deg - No Ice	39.28	-8.20	-14.05	-1196.90	701.77	0.17
0.9 Dead+1.0 Wind 330 deg	29.46	-8.20	-14.05	-1193.24	699.71	0.17

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
- No Ice						
1.2 Dead+1.0 Ice+1.0 Temp	67.93	0.00	0.00	1.68	-0.92	-0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	67.93	-0.02	-5.19	-424.99	1.52	-0.64
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	67.93	2.58	-4.49	-366.57	-212.72	-0.24
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	67.93	4.49	-2.58	-209.45	-370.22	0.23
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	67.93	5.20	0.02	4.26	-428.79	0.63
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	67.93	4.51	2.61	217.29	-372.73	0.87
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	67.93	2.62	4.51	372.57	-217.06	0.87
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	67.93	0.02	5.19	428.49	-3.50	0.64
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	67.93	-2.58	4.49	370.07	210.74	0.24
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	67.93	-4.49	2.58	212.95	368.24	-0.23
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	67.93	-5.20	-0.02	-0.76	426.81	-0.63
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	67.93	-4.51	-2.61	-213.79	370.75	-0.87
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	67.93	-2.62	-4.51	-369.07	215.08	-0.87
Dead+Wind 0 deg - Service	32.73	-0.02	-3.81	-323.89	1.74	0.15
Dead+Wind 30 deg - Service	32.73	1.90	-3.29	-279.45	-161.94	0.22
Dead+Wind 60 deg - Service	32.73	3.31	-1.89	-160.10	-282.31	0.22
Dead+Wind 90 deg - Service	32.73	3.84	0.02	2.17	-327.14	0.17
Dead+Wind 120 deg - Service	32.73	3.33	1.92	163.89	-284.40	0.07
Dead+Wind 150 deg - Service	32.73	1.93	3.31	281.71	-165.55	-0.05
Dead+Wind 180 deg - Service	32.73	0.02	3.81	324.07	-2.44	-0.15
Dead+Wind 210 deg - Service	32.73	-1.90	3.29	279.62	161.24	-0.22
Dead+Wind 240 deg - Service	32.73	-3.31	1.89	160.27	281.61	-0.22
Dead+Wind 270 deg - Service	32.73	-3.84	-0.02	-2.00	326.44	-0.17
Dead+Wind 300 deg - Service	32.73	-3.33	-1.92	-163.71	283.70	-0.07
Dead+Wind 330 deg - Service	32.73	-1.93	-3.31	-281.53	164.85	0.05

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX	PY	PZ	PX	PY	PZ	% Error
	K	K	K	K	K	K	
1	0.00	-32.73	0.00	0.00	32.73	0.00	0.000%
2	-0.07	-39.28	-16.18	0.07	39.28	16.18	0.000%
3	-0.07	-29.46	-16.18	0.07	29.46	16.18	0.000%
4	8.08	-39.28	-13.97	-8.08	39.28	13.97	0.000%
5	8.08	-29.46	-13.97	-8.08	29.46	13.97	0.000%
6	14.06	-39.28	-8.03	-14.06	39.28	8.03	0.000%
7	14.06	-29.46	-8.03	-14.06	29.46	8.03	0.000%
8	16.28	-39.28	0.07	-16.28	39.28	-0.07	0.000%
9	16.28	-29.46	0.07	-16.28	29.46	-0.07	0.000%
10	14.13	-39.28	8.15	-14.13	39.28	-8.15	0.000%
11	14.13	-29.46	8.15	-14.13	29.46	-8.15	0.000%
12	8.20	-39.28	14.05	-8.20	39.28	-14.05	0.000%
13	8.20	-29.46	14.05	-8.20	29.46	-14.05	0.000%
14	0.07	-39.28	16.18	-0.07	39.28	-16.18	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
15	0.07	-29.46	16.18	-0.07	29.46	-16.18	0.000%
16	-8.08	-39.28	13.97	8.08	39.28	-13.97	0.000%
17	-8.08	-29.46	13.97	8.08	29.46	-13.97	0.000%
18	-14.06	-39.28	8.03	14.06	39.28	-8.03	0.000%
19	-14.06	-29.46	8.03	14.06	29.46	-8.03	0.000%
20	-16.28	-39.28	-0.07	16.28	39.28	0.07	0.000%
21	-16.28	-29.46	-0.07	16.28	29.46	0.07	0.000%
22	-14.13	-39.28	-8.15	14.13	39.28	8.15	0.000%
23	-14.13	-29.46	-8.15	14.13	29.46	8.15	0.000%
24	-8.20	-39.28	-14.05	8.20	39.28	14.05	0.000%
25	-8.20	-29.46	-14.05	8.20	29.46	14.05	0.000%
26	0.00	-67.93	0.00	0.00	67.93	0.00	0.000%
27	-0.02	-67.93	-5.19	0.02	67.93	5.19	0.000%
28	2.58	-67.93	-4.49	-2.58	67.93	4.49	0.000%
29	4.49	-67.93	-2.58	-4.49	67.93	2.58	0.000%
30	5.20	-67.93	0.02	-5.20	67.93	-0.02	0.000%
31	4.51	-67.93	2.61	-4.51	67.93	-2.61	0.000%
32	2.62	-67.93	4.51	-2.62	67.93	-4.51	0.000%
33	0.02	-67.93	5.19	-0.02	67.93	-5.19	0.000%
34	-2.58	-67.93	4.49	2.58	67.93	-4.49	0.000%
35	-4.49	-67.93	2.58	4.49	67.93	-2.58	0.000%
36	-5.20	-67.93	-0.02	5.20	67.93	0.02	0.000%
37	-4.51	-67.93	-2.61	4.51	67.93	2.61	0.000%
38	-2.62	-67.93	-4.51	2.62	67.93	4.51	0.000%
39	-0.02	-32.73	-3.81	0.02	32.73	3.81	0.000%
40	1.90	-32.73	-3.29	-1.90	32.73	3.29	0.000%
41	3.31	-32.73	-1.89	-3.31	32.73	1.89	0.000%
42	3.84	-32.73	0.02	-3.84	32.73	-0.02	0.000%
43	3.33	-32.73	1.92	-3.33	32.73	-1.92	0.000%
44	1.93	-32.73	3.31	-1.93	32.73	-3.31	0.000%
45	0.02	-32.73	3.81	-0.02	32.73	-3.81	0.000%
46	-1.90	-32.73	3.29	1.90	32.73	-3.29	0.000%
47	-3.31	-32.73	1.89	3.31	32.73	-1.89	0.000%
48	-3.84	-32.73	-0.02	3.84	32.73	0.02	0.000%
49	-3.33	-32.73	-1.92	3.33	32.73	1.92	0.000%
50	-1.93	-32.73	-3.31	1.93	32.73	3.31	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.00000001	0.00002592
3	Yes	4	0.00000001	0.00001768
4	Yes	4	0.00000001	0.00009560
5	Yes	4	0.00000001	0.00006512
6	Yes	4	0.00000001	0.00006742
7	Yes	4	0.00000001	0.00004526
8	Yes	4	0.00000001	0.00002226
9	Yes	4	0.00000001	0.00001510
10	Yes	4	0.00000001	0.00008203
11	Yes	4	0.00000001	0.00005535
12	Yes	4	0.00000001	0.00008610
13	Yes	4	0.00000001	0.00005824
14	Yes	4	0.00000001	0.00002828
15	Yes	4	0.00000001	0.00001932
16	Yes	4	0.00000001	0.00006733
17	Yes	4	0.00000001	0.00004529
18	Yes	4	0.00000001	0.00009449
19	Yes	4	0.00000001	0.00006436
20	Yes	4	0.00000001	0.00001985
21	Yes	4	0.00000001	0.00001341
22	Yes	4	0.00000001	0.00007765
23	Yes	4	0.00000001	0.00005233
24	Yes	4	0.00000001	0.00007441

25	Yes	4	0.00000001	0.00005009
26	Yes	4	0.00000001	0.00000001
27	Yes	4	0.00000001	0.00023410
28	Yes	4	0.00000001	0.00023914
29	Yes	4	0.00000001	0.00024080
30	Yes	4	0.00000001	0.00023910
31	Yes	4	0.00000001	0.00024649
32	Yes	4	0.00000001	0.00024560
33	Yes	4	0.00000001	0.00023773
34	Yes	4	0.00000001	0.00023977
35	Yes	4	0.00000001	0.00023903
36	Yes	4	0.00000001	0.00023464
37	Yes	4	0.00000001	0.00024004
38	Yes	4	0.00000001	0.00023998
39	Yes	4	0.00000001	0.00000001
40	Yes	4	0.00000001	0.00000001
41	Yes	4	0.00000001	0.00000001
42	Yes	4	0.00000001	0.00000001
43	Yes	4	0.00000001	0.00000001
44	Yes	4	0.00000001	0.00000001
45	Yes	4	0.00000001	0.00000001
46	Yes	4	0.00000001	0.00000001
47	Yes	4	0.00000001	0.00000001
48	Yes	4	0.00000001	0.00000001
49	Yes	4	0.00000001	0.00000001
50	Yes	4	0.00000001	0.00000001

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	120 - 92.51	3.2733	43	0.24	0.00
L2	97.68 - 45.69	2.2100	43	0.21	0.00
L3	52.51 - 0	0.6426	43	0.11	0.00

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
120.00	7770.00 w/ Mount Pipe	43	3.2733	0.24	0.00	143609
110.00	(2) LPA-80080/6CF w/ Mount Pipe	43	2.7858	0.23	0.00	71804

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	120 - 92.51	13.8898	10	1.00	0.00
L2	97.68 - 45.69	9.3830	10	0.89	0.00
L3	52.51 - 0	2.7294	10	0.47	0.00

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
120.00	7770.00 w/ Mount Pipe	10	13.8898	1.00	0.00	34143
110.00	(2) LPA-80080/6CF w/ Mount Pipe	10	11.8239	0.96	0.00	17072

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	120 - 92.51 (1)	TP37.3834x29.3x0.25	27.49	0.00	0.0	28.2590	-9.88	1653.15	0.006
L2	92.51 - 45.69 (2)	TP50.5408x35.3632x0.375	51.99	0.00	0.0	57.3401	-20.36	3354.39	0.006
L3	45.69 - 0 (3)	TP63x47.7998x0.4375	52.51	0.00	0.0	86.8759	-39.28	5082.24	0.008

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	120 - 92.51 (1)	TP37.3834x29.3x0.25	153.86	1355.93	0.113	0.00	1355.93	0.000
L2	92.51 - 45.69 (2)	TP50.5408x35.3632x0.375	639.54	3866.97	0.165	0.00	3866.97	0.000
L3	45.69 - 0 (3)	TP63x47.7998x0.4375	1394.12	7311.70	0.191	0.00	7311.70	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	120 - 92.51 (1)	TP37.3834x29.3x0.25	9.11	495.95	0.018	0.07	1546.77	0.000
L2	92.51 - 45.69 (2)	TP50.5408x35.3632x0.375	12.44	1006.32	0.012	0.20	4245.57	0.000
L3	45.69 - 0 (3)	TP63x47.7998x0.4375	16.32	1524.67	0.011	0.32	8353.50	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	120 - 92.51 (1)	0.006	0.113	0.000	0.018	0.000	0.120	1.050	4.8.2
L2	92.51 - 45.69	0.006	0.165	0.000	0.012	0.000	0.172	1.050	4.8.2

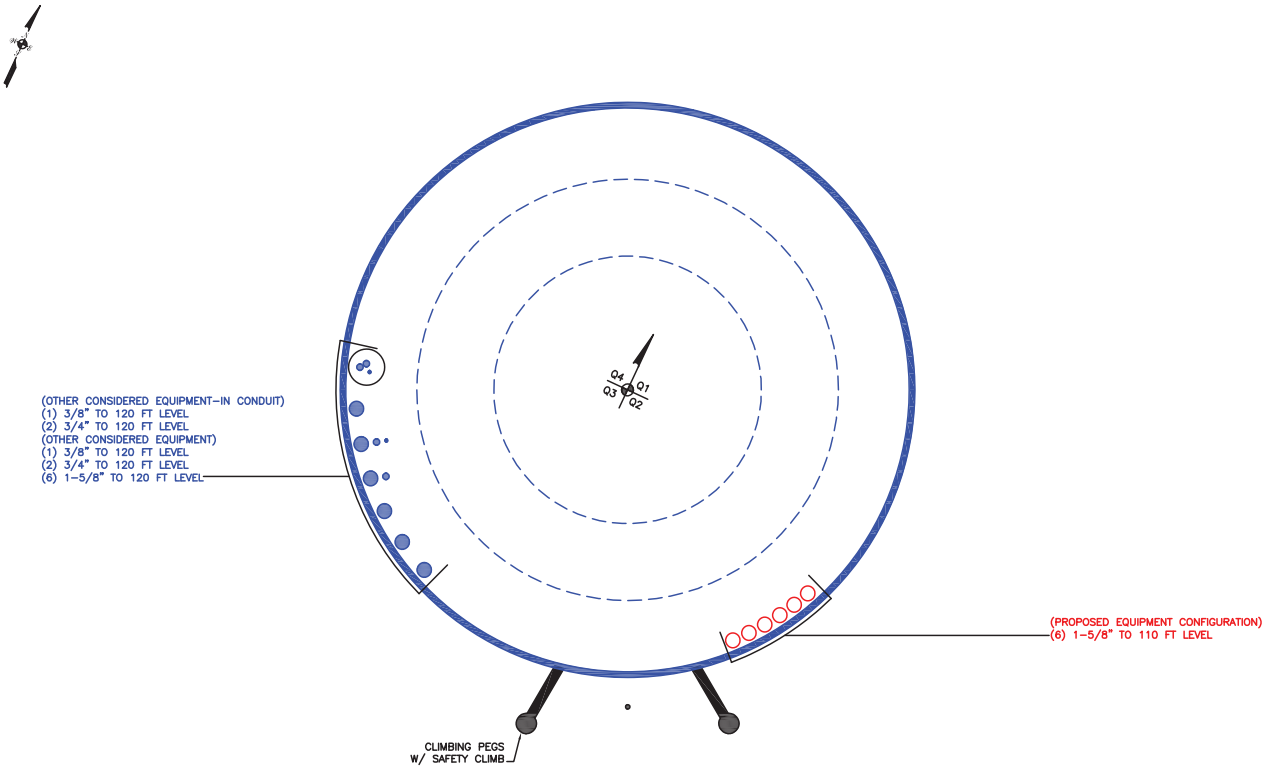
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L3	(2) 45.69 - 0 (3)	0.008	0.191	0.000	0.011	0.000	0.199	1.050	4.8.2

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	120 - 92.51	Pole	TP37.3834x29.3x0.25	1	-9.88	1735.81	11.4	Pass
L2	92.51 - 45.69	Pole	TP50.5408x35.3632x0.375	2	-20.36	3522.11	16.3	Pass
L3	45.69 - 0	Pole	TP63x47.7998x0.4375	3	-39.28	5336.35	18.9	Pass
							Summary	
						Pole (L3)	18.9	Pass
						RATING =	**18.9**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT-IN CONDUIT)
(1) 3/8" TO 120 FT LEVEL
(2) 3/4" TO 120 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 3/8" TO 120 FT LEVEL
(2) 3/4" TO 120 FT LEVEL
(6) 1-5/8" TO 120 FT LEVEL
Q4
Q1
Q3
Q2
(PROPOSED EQUIPMENT CONFIGURATION)
(6) 1-5/8" TO 110 FT LEVEL
CLIMBING PEGS
W/ SAFETY CLIMB

APPENDIX C

ADDITIONAL CALCULATIONS

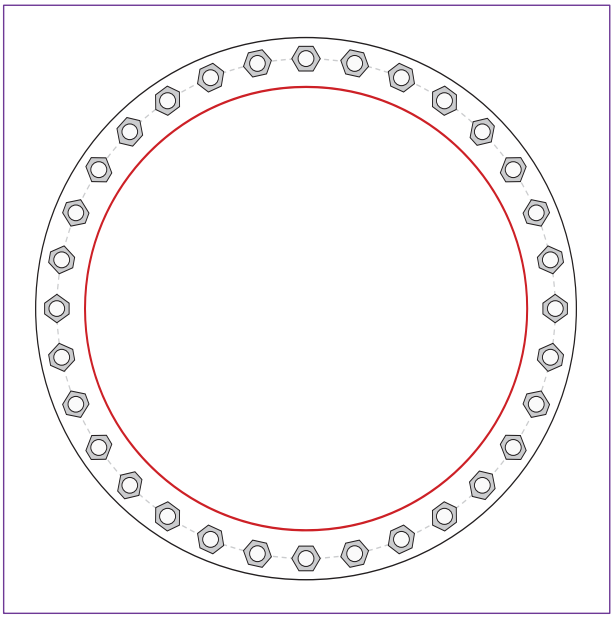
Monopole Base Plate Connection

Site Info	
BU #	857014
Site Name	AND - HARTLAND BOUL
Order #	585190 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	2.5625

Applied Loads	
Moment (kip-ft)	1394.12
Axial Force (kips)	39.28
Shear Force (kips)	16.32

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(32) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 71" BC

Base Plate Data

77" OD x 3.5" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

N/A

Pole Data

63" x 0.4375" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_c = 30.67	ϕPn_c = 268.39	**Stress Rating**
Vu = 0.51	ϕVn = 120.77	**11.5%**
Mu = 0.85	ϕMn = 128.14	**Pass**

Base Plate Summary

Max Stress (ksi):	3.95	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**7.0%**	**Pass**

Drilled Pier Foundation

BU # :	857014
Site Name:	HARTLAND - HARTLAND
Order Number:	585190 Rev. 0
TIA-222 Revison:	H
Tower Type:	Monopole

Applied Loads	Comp.	Uplift
Moment (kip-ft)	1394.12	
Axial Force (kips)	39.28	
Shear Force (kips)	16.31	

Material Properties		
Concrete Strength, f'c:	4	ksi
Rebar Strength, Fy:	60	ksi
Tie Yield Strength, Fyt:	60	ksi

Pier Design Data		
Depth	31	ft
Ext. Above Grade	1	ft
Pier Section 1		
From 1' above grade to 31' below grade		
Pier Diameter	8	ft
Rebar Quantity	48	
Rebar Size	8	
Clear Cover to Ties	4	in
Tie Size	5	
Tie Spacing	12	in

Rebar & Pier Options

Embedded Pole Inputs

Belled Pier Inputs

Analysis Results		
Soil Lateral Check	*Compression*	*Uplift*
$D_{v=0}$ (ft from TOC)	8.62	-
Soil Safety Factor	14.34	-
Max Moment (kip-ft)	1536.63	-
Rating*	*8.8%*	-
Soil Vertical Check	*Compression*	*Uplift*
Skin Friction (kips)	927.21	-
End Bearing (kips)	1040.50	-
Weight of Concrete (kips)	266.95	-
Total Capacity (kips)	1967.71	-
Axial (kips)	306.23	-
Rating*	*14.8%*	-
Reinforced Concrete Flexure	*Compression*	*Uplift*
Critical Depth (ft from TOC)	8.43	-
Critical Moment (kip-ft)	1536.50	-
Critical Moment Capacity	7227.28	-
Rating*	*20.2%*	-
Reinforced Concrete Shear	*Compression*	*Uplift*
Critical Depth (ft from TOC)	25.55	-
Critical Shear (kip)	160.56	-
Critical Shear Capacity	2388.96	-
Rating*	*6.4%*	-

Shear-Friction Methodology is Applied

Structural Foundation Rating*	**20.2%**
Soil Interaction Rating*	**14.8%**

*Rating per TIA-222-H Section 15.5

Check Limitation	
Apply TIA-222-H Section 15.5:	☑
N/A	☐
Additional Longitudinal Rebar	
Input Effective Depths (else Actual):	☐
Shear Design Options	
Check Shear along Depth of Pier:	☑
Utilize Shear-Friction Methodology:	☑
Override Critical Depth:	☐

Go to Soil Calculations

Soil Profile

Groundwater Depth	25	# of Layers	10

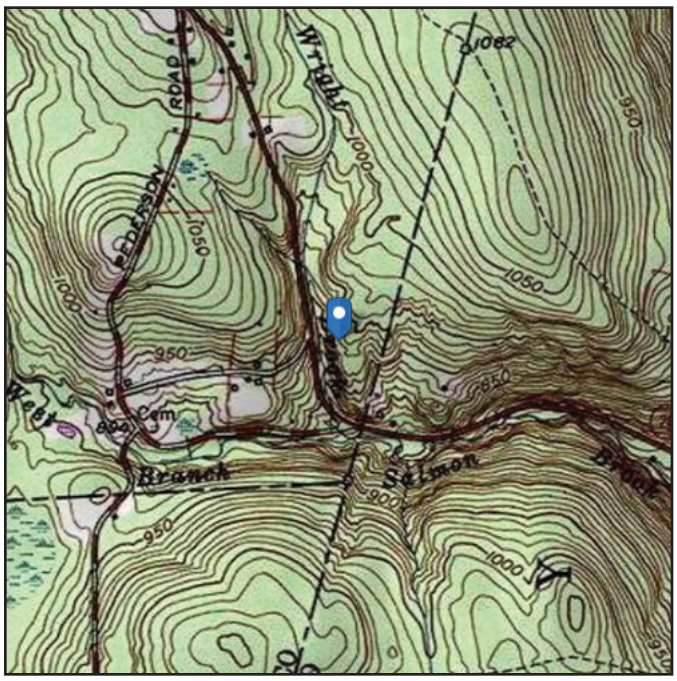
Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ_{soil} (pcf)	$\gamma_{concrete}$ (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Gross Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	2	2	105	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	2	4	2	115	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
3	4	6	2	120	150	0	33	0.000	0.000	0.00	0.00			Cohesionless
4	6	8	2	135	150	0	40	0.000	0.000	1.49	1.49			Cohesionless
5	8	10	2	122	150	0	34	0.000	0.000	1.26	1.26			Cohesionless
6	10	15	5	118	150	0	32	0.000	0.000	1.14	1.14			Cohesionless
7	15	20	5	115	150	0.5	0	0.28	0.28	0.50	0.50			Cohesive
8	20	25	5	135	150	0	40	0.00	0.00	3.21	3.21			Cohesionless
9	25	30	5	72.6	87.6	0	40	0.00	0.00	3.21	3.21			Cohesionless
10	30	31	1	72.6	87.6	0	40	0.00	0.00	3.39	3.39	27.6		Cohesionless

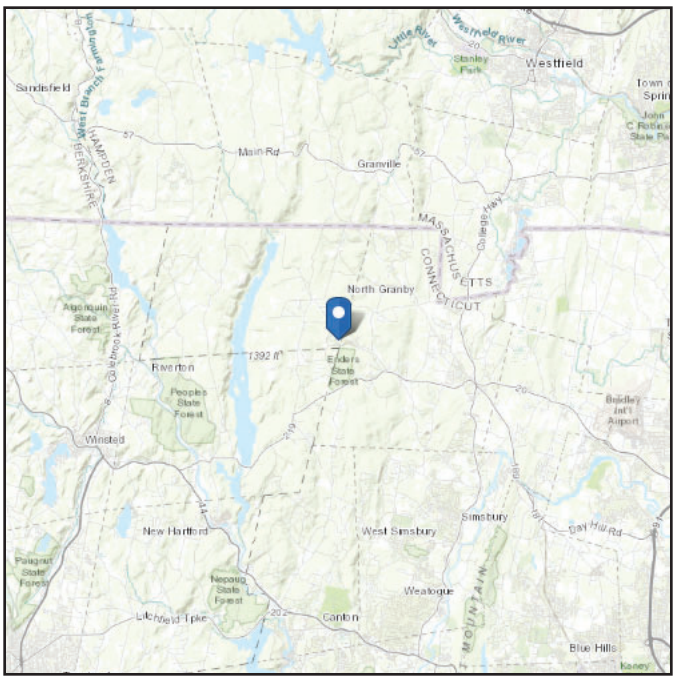
ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-10
Risk Category: II
Soil Class: D - Stiff Soil

Elevation: 928.17 ft (NAVD 88)
Latitude: 41.977083
Longitude: -72.887872





Wind

Results:

Wind Speed:	~~117 Vmph~~ 120 mph per jurisdiction requirements
10-year MRI	76 Vmph
25-year MRI	85 Vmph
50-year MRI	90 Vmph
100-year MRI	97 Vmph

Data Accessed: Mon Aug 30 2021

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

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

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

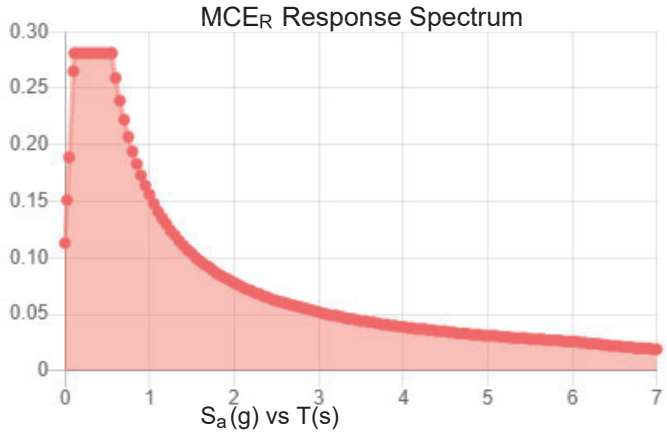
Seismic

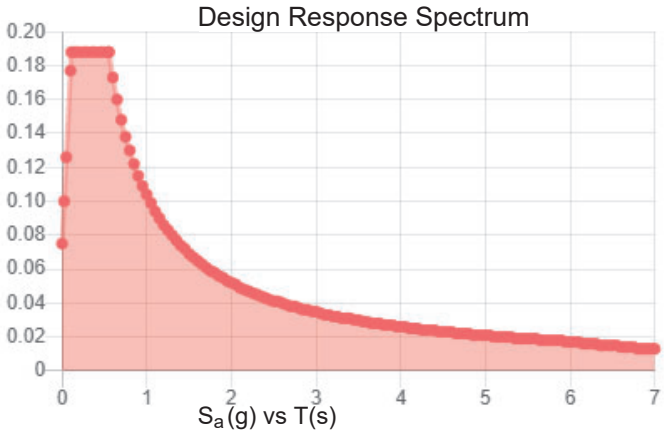
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.176	S_{DS} :	0.188
S_1 :	0.065	S_{D1} :	0.104
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.086
S_{MS} :	0.281	PGA_M :	0.138
S_{M1} :	0.156	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Mon Aug 30 2021

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

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	5 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Mon Aug 30 2021

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

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

Exhibit E

Mount Analysis

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

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10094224
Maser Consulting Connecticut Project #: 21777756A

August 13, 2021

Site Information	*Site ID:*	*535827-VZW / HARTLAND SE CT*
	Site Name:	*HARTLAND SE CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*350 Hartland Boulevard* *East Hartland, Connecticut 06027* *Hartford County*
	Latitude:	*41.977081°*
	Longitude:	*-72.887869°*
Structure Information	*Tower Type:*	*116-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 16272363

Analysis Results

Platform: **62.4% Pass**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements also Noted on Mount Modification Drawings
Requirements may also be Noted on A & E drawings

Report Prepared By: Andy Hanes

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: 324062, dated July 28, 2021*
Mount Mapping Report	*Structural Components, Site ID: 21777756, dated April 13, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut, Project #: 21777756A, dated August 4, 2021*
Modification Drawings	*Maser Consulting Connecticut, Project #: 21777756A, dated August 13, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	115 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.967
Seismic Parameters:	S_S:	0.168
	S_1:	0.054
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
109.00	110.00	4	Antel	LPA-80063/6CF	Retained
		2	Antel	LPA-80080/6CF	
		3	Commscope	NHH-65B-R2B	Added
		3	Commscope	NHHSS-65B-R2BT0	
		3	Samsung	MT6407-77A	
		1	RFS	DB-B1-6C-12AB-0Z	
		3	Samsung	CBRS RRH - RT4401-48A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	

The recent mount mapping did not report existing OVP units. However, it is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required.

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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
Connection Check	62.4	Pass
Face Horizontal	23.9 %	Pass
Standoff Horizontal	47.3 %	Pass
Platform Crossmember	22.9 %	Pass
Corner Plate	20.5 %	Pass
Grating Support	15.2 %	Pass
Cross Arm Plate	50.0 %	Pass
Mount Pipe	47.9 %	Pass
Pipe 2.5	28.6 %	Pass
Support Rail	21.2 %	Pass
Support Rail Corner	31.9 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**50.0%**

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


04.13.2021 08:10

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	Crown Castle	**Mapping Date:**	4/13/2021
Site Name:	Hartland SE CT	**Tower Type:**	Monopole
Site Number or ID:	21777756	**Tower Height (Ft.):**	116
Mapping Contractor:	Structural Componets	**Mount Elevation (Ft.):**	108

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

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2-3/8x 0.154x 72	40.50	7.00	C1	2-3/8x 0.154x 72	41.00	7.00
A2	2-3/8x 0.154x 72	41.00	71.25	C2	2-3/8x 0.154x 72	41.00	72.00
A3	2-3/8x 0.154x 72	41.00	118.75	C3	2-3/8x 0.154x 72	41.00	120.00
A4	2-3/8x 0.154x 72	41.00	143.25	C4	2-3/8x 0.154x 72	41.00	143.75
A5				C5			
A6				C6			
B1	2-3/8x 0.154x 72	41.00	6.50	D1			
B2	2-3/8x 0.154x 72	38.00	76.75	D2			
B3	2-3/8x 0.154x 72	38.00	120.75	D3			
B4	2-3/8x 0.154x 72	41.00	142.25	D4			
B5				D5			
B6				D6			

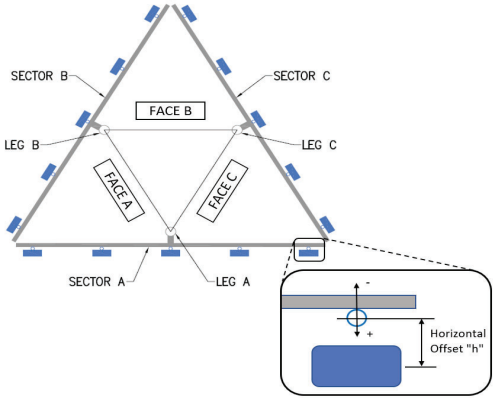
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	45.5
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	

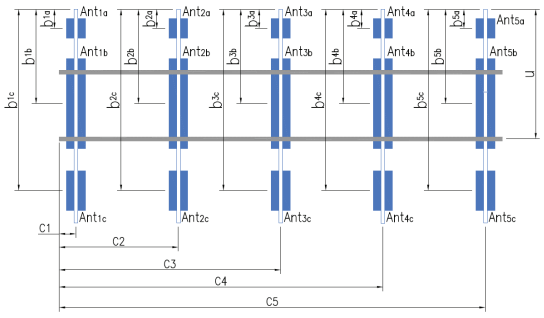
Please enter additional infomation or comments below.

1/2" weld main standoff to plate

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	31.5

For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.





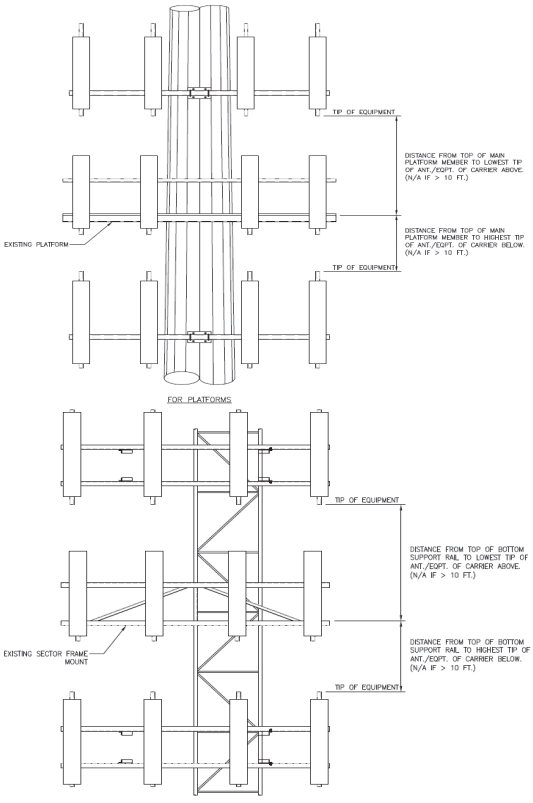
Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	LPA80063-6CF-EDIN	5.75	13.50	72.00	1-5/8 tx	108.583	33.50	15.25	30.00	9, 33
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA-70063-6CF-EDIN-	11.00	4.50	71.00	jumpers	108.708	32.50	10.00	30.00	9, 50
Ant_{2c}	unknown diplexor	6.00	0.75	4.50	1-5/8tx	110.083	16.00	-2.50		65
Ant_{3a}										
Ant_{3b}	BXA-171085-12bf-edi	6.00	4.00	72.50	jumpers	108.521	34.75	7.50	30.00	9, 81
Ant_{3c}	unknown diplexor	6.00	0.75	4.50	1-5/8tx	110.042	16.50	-2.50		
Ant_{4a}										
Ant_{4b}	LPA80063-6CF-EDIN	5.75	13.50	72.00	1-5/8 tx	108.563	34.25	15.25	30.00	9, 99
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

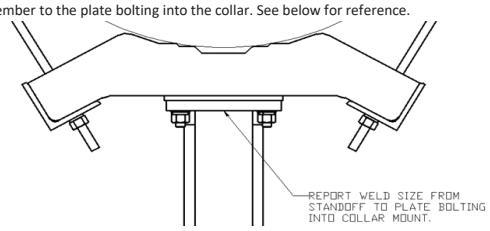
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	140.00 Deg	N/A
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.

Please insert a photo of the mount centerline measurement here.



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



Sector B										
Ant_{1a}										
Ant_{1b}	lpa80063-6	15.00	14.00	71.00	1-5/8 tx	108.229	38.25	15.00	150.00	13, 122
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA-70063-6CF-EDIN-	11.25	5.00	71.00	jumpers	108.375	33.50	10.50	150.00	13, 138
Ant_{2c}	unknown diplexor	6.00	0.75	4.50	1-5/8tx	109.688	17.75	-2.50		
Ant_{3a}										
Ant_{3b}	BXA-171085-12bf-edi	6.00	4.00	72.00	jumpers	108.313	34.25	8.00	150.00	13, 160
Ant_{3c}	unknown diplexor	6.00	0.75	4.50	1-5/8tx	109.792	16.50	-2.50		
Ant_{4a}										
Ant_{4b}	lpa80063-6cf-edin	15.00	14.00	71.00	1-5/8 tx	108.208	38.50	15.00	150.00	13, 180
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	lpa80063-6cf-edin	15.00	14.00	71.00	1-5/8 tx	108.417	36.00	15.00	270.00	22, 196
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA-70063-6CF-EDIN-	11.00	5.00	71.00	jumpers	108.208	38.50	10.50	270.00	22, 211
Ant_{2c}	unknown diplexor	6.00	0.75	4.50	1 5/8	110	17.00	-2.50		
Ant_{3a}										
Ant_{3b}	BXA-171085-12bf-edi	6.00	4.00	72.00	jumpers	108.563	34.25	7.50	270.00	22, 233
Ant_{3c}	unknown diplexor	6.00	4.00	4.50	1 5/8	110	17.00	-1.50		
Ant_{4a}										
Ant_{4b}	lpa80063-6cf-edin	15.00	14.00	71.00	1-5/8 tx	108.083	40.00	15.00	270.00	22, 254
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

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

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

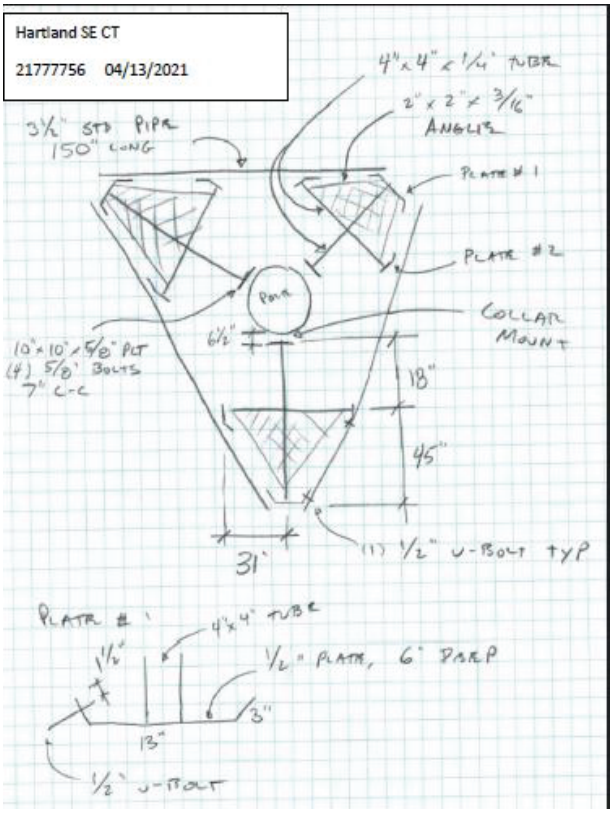
Standard Conditions
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

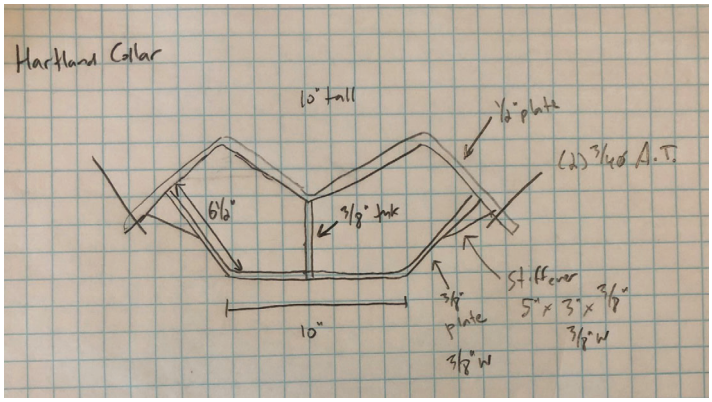
Antenna Mount Mapping Form (PATENT PENDING)

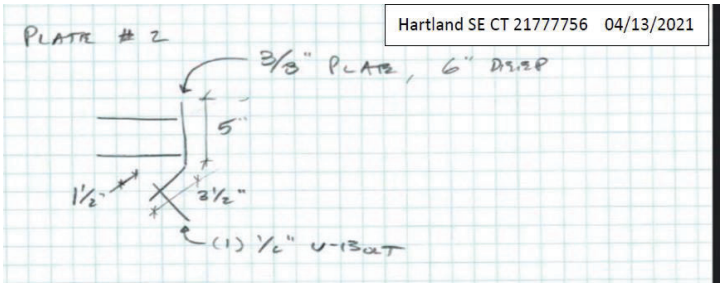
FCC #

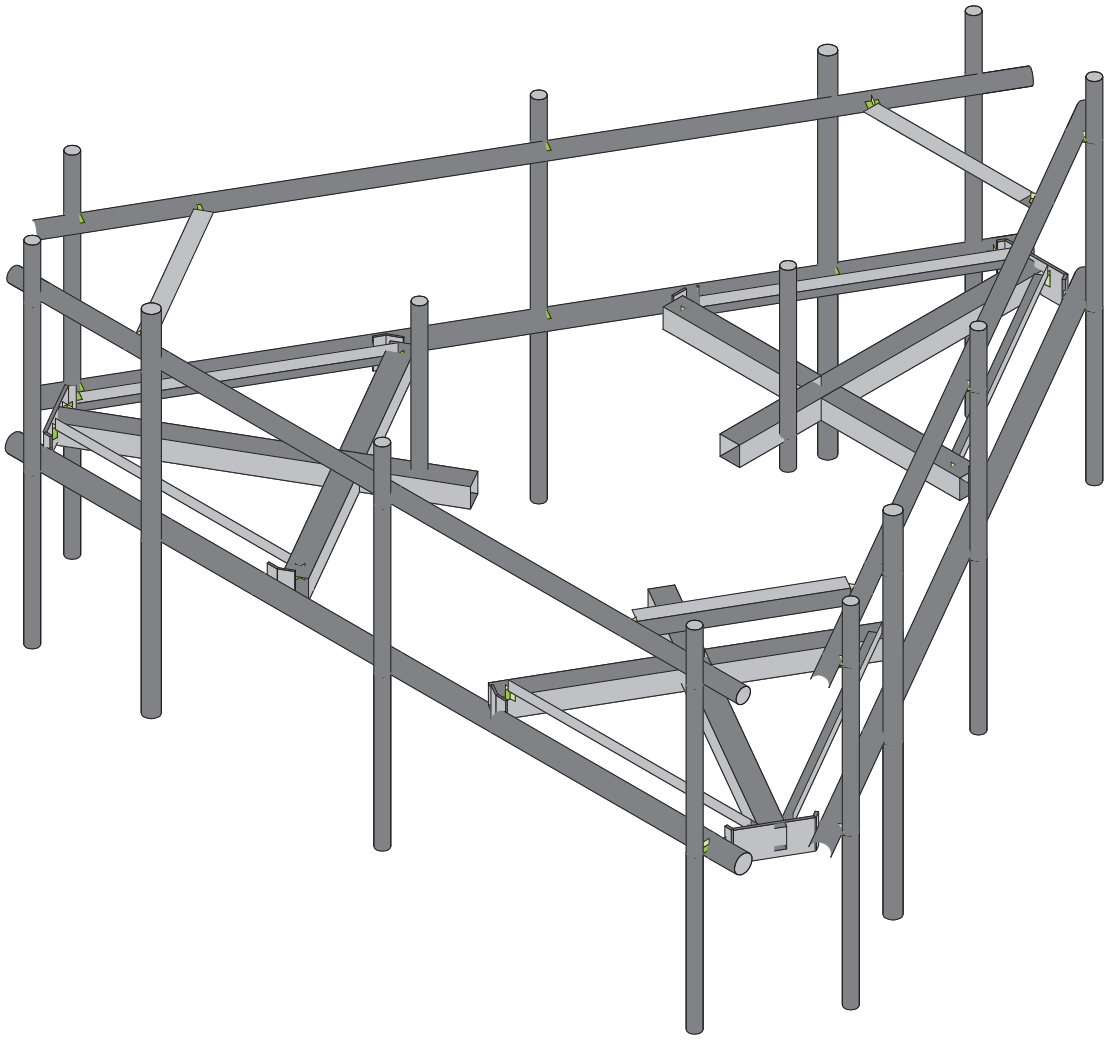
Tower Owner:	Crown Castle	**Mapping Date:**	4/13/2021
Site Name:	Hartland SE CT	**Tower Type:**	Monopole
Site Number or ID:	21777756	**Tower Height (Ft.):**	116
Mapping Contractor:	Structural Componets	**Mount Elevation (Ft.):**	108

Please Insert Sketches of the Antenna Mount



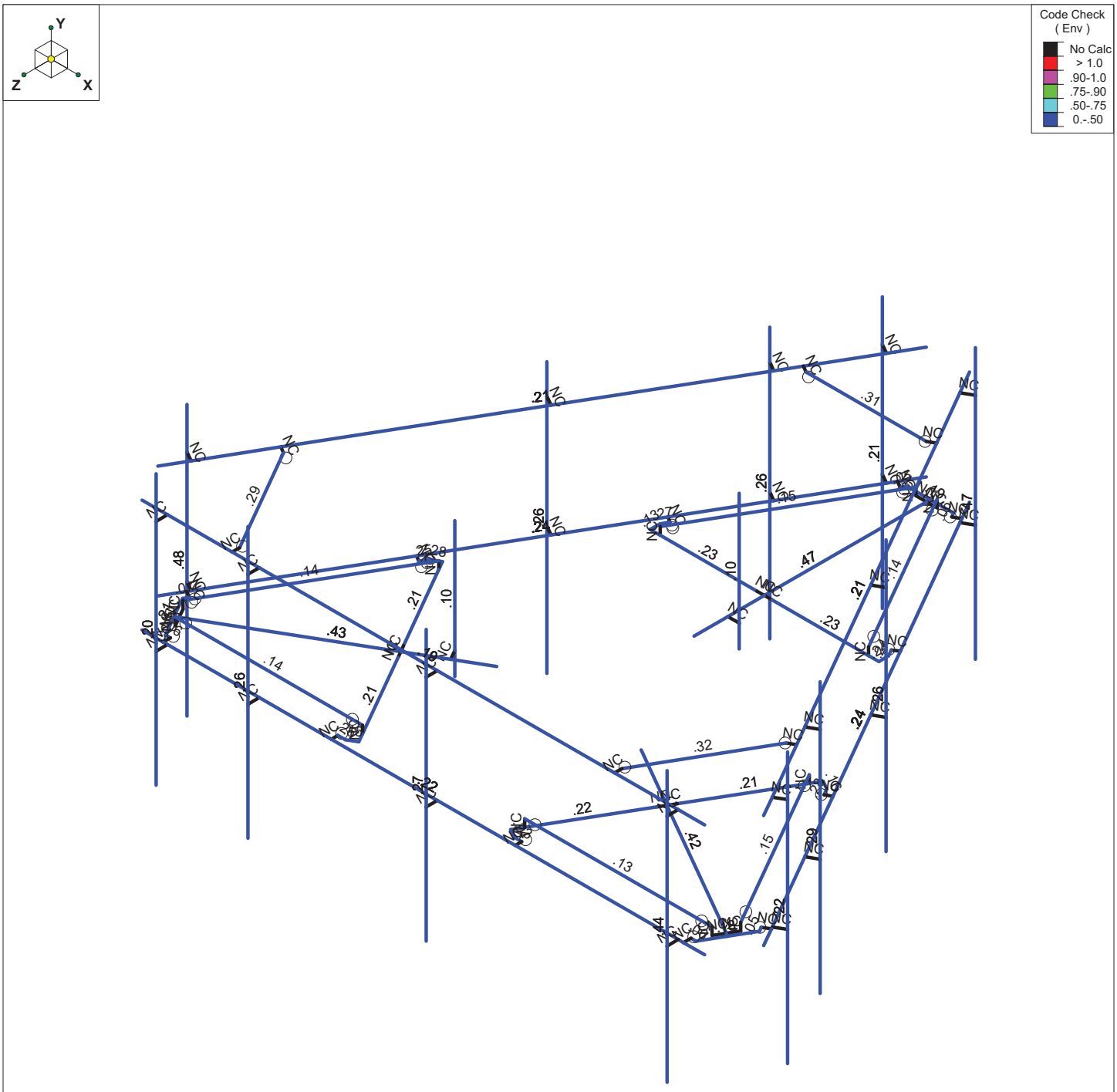






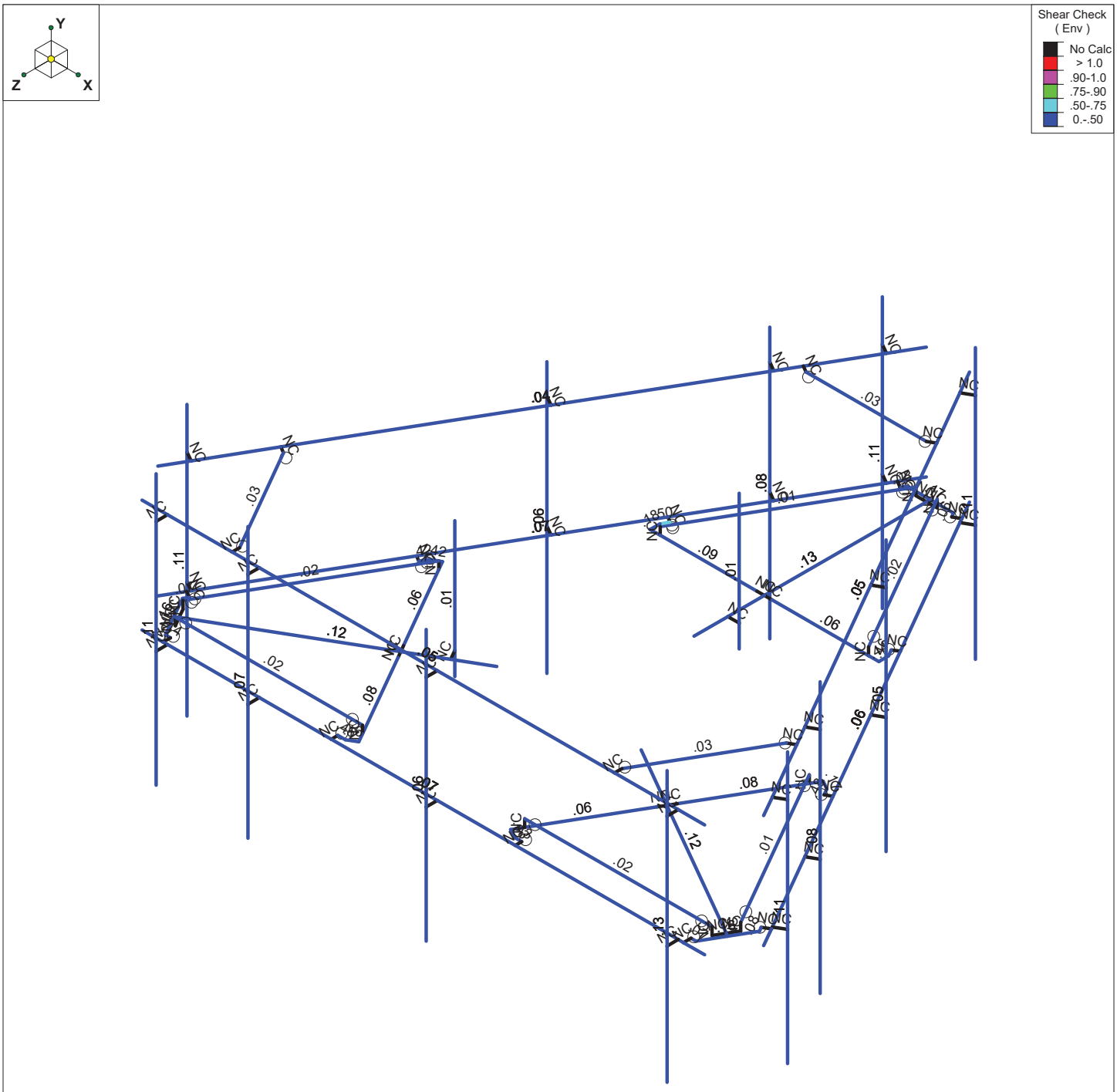
Envelope Only Solution

Maser Consulting	Mount Analysis	SK - 1
		Aug 11, 2021 at 10:29 AM
		LOADED_535827-VZW_MT_LO_...



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Mount Analysis	SK - 2
		Aug 11, 2021 at 10:29 AM
		LOADED_535827-VZW_MT_LO_...



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Mount Analysis	SK - 3
		Aug 11, 2021 at 10:30 AM
		LOADED_535827-VZW_MT_LO_...

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					123			
2	Antenna Di	None					123			
3	Antenna Wo (0 Deg)	None					123			
4	Antenna Wo (30 Deg)	None					123			
5	Antenna Wo (60 Deg)	None					123			
6	Antenna Wo (90 Deg)	None					123			
7	Antenna Wo (120 Deg)	None					123			
8	Antenna Wo (150 Deg)	None					123			
9	Antenna Wo (180 Deg)	None					123			
10	Antenna Wo (210 Deg)	None					123			
11	Antenna Wo (240 Deg)	None					123			
12	Antenna Wo (270 Deg)	None					123			
13	Antenna Wo (300 Deg)	None					123			
14	Antenna Wo (330 Deg)	None					123			
15	Antenna Wi (0 Deg)	None					123			
16	Antenna Wi (30 Deg)	None					123			
17	Antenna Wi (60 Deg)	None					123			
18	Antenna Wi (90 Deg)	None					123			
19	Antenna Wi (120 Deg)	None					123			
20	Antenna Wi (150 Deg)	None					123			
21	Antenna Wi (180 Deg)	None					123			
22	Antenna Wi (210 Deg)	None					123			
23	Antenna Wi (240 Deg)	None					123			
24	Antenna Wi (270 Deg)	None					123			
25	Antenna Wi (300 Deg)	None					123			
26	Antenna Wi (330 Deg)	None					123			
27	Antenna Wm (0 Deg)	None					123			
28	Antenna Wm (30 Deg)	None					123			
29	Antenna Wm (60 Deg)	None					123			
30	Antenna Wm (90 Deg)	None					123			
31	Antenna Wm (120 Deg)	None					123			
32	Antenna Wm (150 Deg)	None					123			
33	Antenna Wm (180 Deg)	None					123			
34	Antenna Wm (210 Deg)	None					123			
35	Antenna Wm (240 Deg)	None					123			
36	Antenna Wm (270 Deg)	None					123			
37	Antenna Wm (300 Deg)	None					123			
38	Antenna Wm (330 Deg)	None					123			
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		
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		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						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 De...	None						118		
67	Structure Wm (60 De...	None						118		
68	Structure Wm (90 De...	None						118		
69	Structure Wm (120 D...	None						118		
70	Structure Wm (150 D...	None						118		
71	Structure Wm (180 D...	None						118		
72	Structure Wm (210 D...	None						118		
73	Structure Wm (240 D...	None						118		
74	Structure Wm (270 D...	None						118		
75	Structure Wm (300 D...	None						118		
76	Structure Wm (330 D...	None						118		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						30		
82	BLC 40 Transient Are...	None						30		

Load Combinations

	Description	Sol...	P...	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 D...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 ...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 ...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 ...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1....	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										

Load Combinations (Continued)

	Description	Sol...	P...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
27	1.2D + 1.5Lm1 + ...	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	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + 1...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866										
55	1.2D + 1.0Ev + 1...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	0	4.16469	0	
2	N2	-6.25	0	4.16469	0	
3	N3	-0.	0	-1.854167	0	
4	N5	-2.541667	0	-3.416667	0	
5	N6	2.315104	0.166667	-3.416667	0	
6	N7	-2.315104	0.166667	-3.416667	0	
7	N24	-0.	0	-3.416667	0	
8	N27	-0.	0	-7.104167	0	
9	CP	0	0	0	0	
10	N29	2.315104	0	-3.416667	0	
11	N30	-2.315104	0	-3.416667	0	
12	N101	2.541667	0	-3.416667	0	
13	N102	-0.166667	0	-3.416667	0	
14	N103A	0.166667	0	-3.416667	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N104A	-2.541667	0	-3.635417	0	
16	N105	2.541667	0	-3.635417	0	
17	N131	2.458333	0	-3.779754	0	
18	N135	0.571615	0	-7.00719	0	
19	N144	-2.458333	0	-3.779754	0	
20	N148	-0.571615	0	-7.00719	0	
21	N86A	2.584629	0	-3.852671	0	
22	N86B	-2.584629	0	-3.852671	0	
23	N86C	-0.515625	0	-7.104167	0	
24	N87A	0.515625	0	-7.104167	0	
25	N86D	0.715429	0	-7.090221	0	
26	N86E	-0.715429	0	-7.090221	0	
27	N88A	-0.	0	-7.020833	0	
28	N87C	0.234238	0.166667	-7.020833	0	
29	N86G	0.234238	0	-7.020833	0	
30	N87B	-0.234238	0.166667	-7.020833	0	
31	N88C	-0.234238	0	-7.020833	0	
32	N33	0.481727	0	-7.495004	0	
33	N34	6.731727	0	3.330314	0	
34	N35	-6.731727	0	3.330314	0	
35	N36	-0.481727	0	-7.495004	0	
36	N37	-1.605755	0	0.927083	0	
37	N38	-1.688087	0	3.909481	0	
38	N39	-4.116472	0.166667	-0.296606	0	
39	N40	-1.801368	0.166667	3.713272	0	
40	N41	-2.95892	0	1.708333	0	
41	N42	-6.152389	0	3.552083	0	
42	N43	-4.116472	0	-0.296606	0	
43	N44	-1.801368	0	3.713272	0	
44	N45	-4.229753	0	-0.492815	0	
45	N46	-2.875587	0	1.852671	0	
46	N47	-3.042253	0	1.563996	0	
47	N48	-1.87753	0	4.018856	0	
48	N49	-4.419197	0	-0.38344	0	
49	N50	-4.50253	0	-0.239102	0	
50	N51	-6.354212	0	3.008562	0	
51	N52	-2.044197	0	4.018856	0	
52	N53	-5.782597	0	3.998628	0	
53	N54	-4.628826	0	-0.312019	0	
54	N55	-2.044197	0	4.16469	0	
55	N56	-5.894576	0	3.998628	0	
56	N57	-6.410201	0	3.105539	0	
57	N58	-6.498026	0	2.925531	0	
58	N59	-5.782597	0	4.16469	0	
59	N60	-6.08022	0	3.510417	0	
60	N61	-6.197339	0.166667	3.307561	0	
61	N62	-6.197339	0	3.307561	0	
62	N63	-5.963101	0.166667	3.713272	0	
63	N64	-5.963101	0	3.713272	0	
64	N65	1.605755	0	0.927083	0	
65	N66	4.229753	0	-0.492815	0	
66	N67	1.801368	0.166667	3.713272	0	
67	N68	4.116472	0.166667	-0.296606	0	
68	N69	2.95892	0	1.708333	0	
69	N70	6.152389	0	3.552083	0	
70	N71	1.801368	0	3.713272	0	
71	N72	4.116472	0	-0.296606	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N73	1.688087	0	3.909481	0	
73	N74	3.042253	0	1.563996	0	
74	N75	2.875587	0	1.852671	0	
75	N76	4.419197	0	-0.38344	0	
76	N77	1.87753	0	4.018856	0	
77	N78	2.044197	0	4.018856	0	
78	N79	5.782597	0	3.998628	0	
79	N80	4.50253	0	-0.239102	0	
80	N81	6.354212	0	3.008562	0	
81	N82	2.044197	0	4.16469	0	
82	N83	4.628826	0	-0.312019	0	
83	N84	6.410201	0	3.105539	0	
84	N85	5.894576	0	3.998628	0	
85	N86	5.782597	0	4.16469	0	
86	N87	6.498026	0	2.925531	0	
87	N88	6.08022	0	3.510417	0	
88	N89	5.963101	0.166667	3.713272	0	
89	N90	5.963101	0	3.713272	0	
90	N91	6.197339	0.166667	3.307561	0	
91	N92	6.197339	0	3.307561	0	
92	N93	5.666667	0	4.16469	0	
93	N94	5.666667	0	4.41469	0	
94	N95	0.3125	0	4.16469	0	
95	N96	0.3125	0	4.41469	0	
96	N97	-3.645833	0	4.16469	0	
97	N98	-3.645833	0	4.41469	0	
98	N99	-5.6875	0	4.16469	0	
99	N100	-5.6875	0	4.41469	0	
100	N101A	5.666667	3.375	4.41469	0	
101	N102A	5.666667	-2.625	4.41469	0	
102	N103	0.3125	3.416667	4.41469	0	
103	N104	-3.645833	3.416667	4.41469	0	
104	N105A	-5.6875	3.416667	4.41469	0	
105	N106	0.3125	-2.583333	4.41469	0	
106	N107	-3.645833	-2.583333	4.41469	0	
107	N108	-5.6875	-2.583333	4.41469	0	
108	N108A	-6.460894	0	2.861217	0	
109	N109	-6.6774	0	2.736217	0	
110	N110	-3.533811	0	-2.20864	0	
111	N111	-3.750317	0	-2.33364	0	
112	N112	-1.721311	0	-5.347982	0	
113	N113	-1.937817	0	-5.472982	0	
114	N114	-0.804644	0	-6.935696	0	
115	N115	-1.02115	0	-7.060696	0	
116	N116	-6.6774	3.416667	2.736217	0	
117	N117	-1.02115	3.416667	-7.060696	0	
118	N118	-6.6774	-2.583333	2.736217	0	
119	N119	-1.02115	-2.583333	-7.060696	0	
120	N120	-3.750317	3.166667	-2.33364	0	
121	N121	-1.937817	3.166667	-5.472982	0	
122	N122	-3.750317	-2.833333	-2.33364	0	
123	N123	-1.937817	-2.833333	-5.472982	0	
124	N124	0.773394	0	-6.989822	0	
125	N125	0.9899	0	-7.114822	0	
126	N126	3.481727	0	-2.298851	0	
127	N127	3.698234	0	-2.423851	0	
128	N128	5.481727	0	1.16525	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N129	5.698234	0	1.04025	0	
130	N130	6.471311	0	2.879259	0	
131	N131A	6.687817	0	2.754259	0	
132	N132	0.9899	3.416667	-7.114822	0	
133	N133	3.698234	3.416667	-2.423851	0	
134	N134	5.698234	3.416667	1.04025	0	
135	N135A	6.687817	3.416667	2.754259	0	
136	N136	0.9899	-2.583333	-7.114822	0	
137	N137	3.698234	-2.583333	-2.423851	0	
138	N138	5.698234	-2.583333	1.04025	0	
139	N139	6.687817	-2.583333	2.754259	0	
140	N140	-0.	0	-2.604167	0	
141	N141	.25	0	-2.604167	0	
142	N142	.25	2.5	-2.604167	0	
143	N143	.25	-.5	-2.604167	0	
144	N144A	-2.255274	0	1.302083	0	
145	N145	-2.380274	0	1.085577	0	
146	N146	-2.380274	2.5	1.085577	0	
147	N147	-2.380274	-.5	1.085577	0	
148	N148A	6.25	2.5	4.16469	0	
149	N149	-6.25	2.5	4.16469	0	
150	N150	0.481727	2.5	-7.495004	0	
151	N151	6.731727	2.5	3.330314	0	
152	N152	-6.731727	2.5	3.330314	0	
153	N153	-0.481727	2.5	-7.495004	0	
154	N154	5.666667	2.5	4.16469	0	
155	N155	5.666667	2.5	4.41469	0	
156	N156	0.3125	2.5	4.16469	0	
157	N157	0.3125	2.5	4.41469	0	
158	N158	-3.645833	2.5	4.16469	0	
159	N159	-3.645833	2.5	4.41469	0	
160	N160	-5.6875	2.5	4.16469	0	
161	N161	-5.6875	2.5	4.41469	0	
162	N162	-6.460894	2.5	2.861217	0	
163	N163	-6.6774	2.5	2.736217	0	
164	N164	-3.533811	2.5	-2.20864	0	
165	N165	-3.750317	2.5	-2.33364	0	
166	N166	-1.721311	2.5	-5.347982	0	
167	N167	-1.937817	2.5	-5.472982	0	
168	N168	-0.804644	2.5	-6.935696	0	
169	N169	-1.02115	2.5	-7.060696	0	
170	N170	0.773394	2.5	-6.989822	0	
171	N171	0.9899	2.5	-7.114822	0	
172	N172	3.481727	2.5	-2.298851	0	
173	N173	3.698234	2.5	-2.423851	0	
174	N174	5.481727	2.5	1.16525	0	
175	N175	5.698234	2.5	1.04025	0	
176	N176	6.471311	2.5	2.879259	0	
177	N177	6.687817	2.5	2.754259	0	
178	N178	-4.25	2.5	4.16469	0	
179	N179	-4.25	2.5	3.998023	0	
180	N180	4.25	2.5	4.16469	0	
181	N181	4.25	2.5	3.998023	0	
182	N182	5.731727	2.5	1.598263	0	
183	N183	5.58739	2.5	1.681596	0	
184	N184	1.481727	2.5	-5.762953	0	
185	N185	1.33739	2.5	-5.67962	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N186	-1.481727	2.5	-5.762953	0	
187	N187	-1.33739	2.5	-5.67962	0	
188	N188	-5.731727	2.5	1.598263	0	
189	N189	-5.58739	2.5	1.681596	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rul...	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 Horizon...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossm...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail Cor...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
10	Pipe 2.5	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/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	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
5	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
6	M35A	N7	N30			RIGID	None	None	RIGID	Typical
7	M36A	N6	N29			RIGID	None	None	RIGID	Typical
8	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
10	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
11	M58	N102	N24			RIGID	None	None	RIGID	Typical
12	M59	N24	N103A			RIGID	None	None	RIGID	Typical
13	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M79	N131	N86A			RIGID	None	None	RIGID	Typical
16	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
17	M83	N135	N86D			RIGID	None	None	RIGID	Typical
18	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M88	N144	N86B			RIGID	None	None	RIGID	Typical
21	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
22	M92	N148	N86E			RIGID	None	None	RIGID	Typical
23	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
24	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
25	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
26	M26	N33	N34			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
27	M27	N35	N36			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
28	M28	N37	N42			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
29	M29	N45	N47			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
30	M30	N46	N38			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
31	M31	N56	N57			Corner Plate	Beam	BAR	A36 Gr.36	Typical
32	M32	N40	N44			RIGID	None	None	RIGID	Typical
33	M33	N39	N43			RIGID	None	None	RIGID	Typical
34	M34	N61	N39			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
35	M35	N40	N63			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
36	M36	N63	N64			RIGID	None	None	RIGID	Typical
37	M37	N46	N41			RIGID	None	None	RIGID	Typical
38	M38	N41	N47			RIGID	None	None	RIGID	Typical
39	M39	N45	N49			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
40	M40	N49	N50			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
41	M41	N50	N54			RIGID	None	None	RIGID	Typical
42	M42	N57	N51			Corner Plate	Beam	BAR	A36 Gr.36	Typical
43	M43A	N51	N58			RIGID	None	None	RIGID	Typical
44	M44	N38	N48			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
45	M45	N48	N52			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M46A	N52	N55			RIGID	None	None	RIGID	Typical
47	M47	N56	N53			Corner Plate	Beam	BAR	A36 Gr.36	Typical
48	M48	N53	N59			RIGID	None	None	RIGID	Typical
49	M49	N64	N60			RIGID	None	None	RIGID	Typical
50	M50A	N60	N62			RIGID	None	None	RIGID	Typical
51	M51C	N61	N62			RIGID	None	None	RIGID	Typical
52	M52A	N65	N70			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
53	M53	N73	N75			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
54	M54	N74	N66			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
55	M55	N84	N85			Corner Plate	Beam	BAR	A36 Gr.36	Typical
56	M56	N68	N72			RIGID	None	None	RIGID	Typical
57	M57	N67	N71			RIGID	None	None	RIGID	Typical
58	M58A	N89	N67			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
59	M59A	N68	N91			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
60	M60	N91	N92			RIGID	None	None	RIGID	Typical
61	M61	N74	N69			RIGID	None	None	RIGID	Typical
62	M62	N69	N75			RIGID	None	None	RIGID	Typical
63	M63	N73	N77			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
64	M64	N77	N78			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
65	M65	N78	N82			RIGID	None	None	RIGID	Typical
66	M66	N85	N79			Corner Plate	Beam	BAR	A36 Gr.36	Typical
67	M67	N79	N86			RIGID	None	None	RIGID	Typical
68	M68	N66	N76			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
69	M69	N76	N80			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M70	N80	N83			RIGID	None	None	RIGID	Typical
71	M71	N84	N81			Corner Plate	Beam	BAR	A36 Gr.36	Typical
72	M72	N81	N87			RIGID	None	None	RIGID	Typical
73	M73	N92	N88			RIGID	None	None	RIGID	Typical
74	M74	N88	N90			RIGID	None	None	RIGID	Typical
75	M75	N89	N90			RIGID	None	None	RIGID	Typical
76	M76A	N94	N93			RIGID	None	None	RIGID	Typical
77	M77A	N96	N95			RIGID	None	None	RIGID	Typical
78	M78	N98	N97			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
79	M79A	N100	N99			RIGID	None	None	RIGID	Typical
80	MP1A	N101A	N102A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
81	MP4A	N105A	N108			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
82	MP3A	N104	N107			Pipe 2.5	Column	Pipe	A53 Gr.B	Typical
83	MP2A	N103	N106			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
84	M84A	N109	N108A			RIGID	None	None	RIGID	Typical
85	M85A	N111	N110			RIGID	None	None	RIGID	Typical
86	M86	N113	N112			RIGID	None	None	RIGID	Typical
87	M87	N115	N114			RIGID	None	None	RIGID	Typical
88	MP4B	N117	N119			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP1B	N116	N118			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP3B	N121	N123			Pipe 2.5	Column	Pipe	A53 Gr.B	Typical
91	MP2B	N120	N122			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M92A	N125	N124			RIGID	None	None	RIGID	Typical
93	M93	N127	N126			RIGID	None	None	RIGID	Typical
94	M94	N129	N128			RIGID	None	None	RIGID	Typical
95	M95	N131A	N130			RIGID	None	None	RIGID	Typical
96	MP4C	N135A	N139			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	MP3C	N134	N138			Pipe 2.5	Column	Pipe	A53 Gr.B	Typical
98	MP2C	N133	N137			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
99	MP1C	N132	N136			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N140	N141			RIGID	None	None	RIGID	Typical
101	O1	N142	N143			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	M102	N144A	N145			RIGID	None	None	RIGID	Typical
103	O2	N146	N147			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
104	M104	N148A	N149			Support Rail	Beam	Pipe	A53 Gr.B	Typical
105	M105	N150	N151			Support Rail	Beam	Pipe	A53 Gr.B	Typical
106	M106	N152	N153			Support Rail	Beam	Pipe	A53 Gr.B	Typical
107	M107	N155	N154			RIGID	None	None	RIGID	Typical
108	M108	N157	N156			RIGID	None	None	RIGID	Typical
109	M109	N159	N158			RIGID	None	None	RIGID	Typical
110	M110	N161	N160			RIGID	None	None	RIGID	Typical
111	M111	N163	N162			RIGID	None	None	RIGID	Typical
112	M112	N165	N164			RIGID	None	None	RIGID	Typical
113	M113	N167	N166			RIGID	None	None	RIGID	Typical
114	M114	N169	N168			RIGID	None	None	RIGID	Typical
115	M115	N171	N170			RIGID	None	None	RIGID	Typical
116	M116	N173	N172			RIGID	None	None	RIGID	Typical
117	M117	N175	N174			RIGID	None	None	RIGID	Typical
118	M118	N177	N176			RIGID	None	None	RIGID	Typical
119	M119	N178	N179			RIGID	None	None	RIGID	Typical
120	M120	N180	N181			RIGID	None	None	RIGID	Typical
121	M121	N182	N183			RIGID	None	None	RIGID	Typical
122	M122	N184	N185			RIGID	None	None	RIGID	Typical
123	M123	N186	N187			RIGID	None	None	RIGID	Typical
124	M124	N188	N189			RIGID	None	None	RIGID	Typical
125	M125	N179	N189		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
126	M126	N183	N181		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
127	M127	N187	N185		90	Support Rail C...	Beam	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	Default			None
2	M4						Yes				None
3	M10						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...
4	M43						Yes	Default			None
5	M46						Yes	Default			None
6	M35A						Yes	** NA **			None
7	M36A						Yes	** NA **			None
8	M51B	OOOOOX	OOOOOX				Yes	Default			None
9	M52B	OOOOOX	OOOOOX				Yes	Default			None
10	M52						Yes	** NA **			None
11	M58						Yes	** NA **			None
12	M59						Yes	** NA **			None
13	M76						Yes	** NA **			None
14	M77						Yes	** NA **			None
15	M79		BenPIN				Yes	** NA **			None
16	M80						Yes				None
17	M83		BenPIN				Yes	** NA **			None
18	M84						Yes	** NA **			None
19	M85						Yes	** NA **			None
20	M88		BenPIN				Yes	** NA **			None
21	M91						Yes				None
22	M92		BenPIN				Yes	** NA **			None
23	M50						Yes	** NA **			None
24	M51						Yes	** NA **			None
25	M51A						Yes	** NA **			None
26	M26						Yes	Default			None
27	M27						Yes	Default			None
28	M28						Yes				None
29	M29						Yes	Default			None
30	M30						Yes	Default			None
31	M31						Yes	Default			None
32	M32						Yes	** NA **			None
33	M33						Yes	** NA **			None
34	M34	OOOOOX	OOOOOX				Yes	Default			None
35	M35	OOOOOX	OOOOOX				Yes	Default			None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38						Yes	** NA **			None
39	M39						Yes	** NA **			None
40	M40						Yes	** NA **			None
41	M41		BenPIN				Yes	** NA **			None
42	M42						Yes				None
43	M43A		BenPIN				Yes	** NA **			None
44	M44						Yes	** NA **			None
45	M45						Yes	** NA **			None
46	M46A		BenPIN				Yes	** NA **			None
47	M47						Yes				None
48	M48		BenPIN				Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50A						Yes	** NA **			None
51	M51C						Yes	** NA **			None
52	M52A						Yes				None
53	M53						Yes	Default			None
54	M54						Yes	Default			None
55	M55						Yes	Default			None
56	M56						Yes	** NA **			None
57	M57						Yes	** NA **			None
58	M58A	OOOOOX	OOOOOX				Yes	Default			None
59	M59A	OOOOOX	OOOOOX				Yes	Default			None
60	M60						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...
61	M61						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64						Yes	** NA **			None
65	M65		BenPIN				Yes	** NA **			None
66	M66						Yes				None
67	M67		BenPIN				Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70		BenPIN				Yes	** NA **			None
71	M71						Yes				None
72	M72		BenPIN				Yes	** NA **			None
73	M73						Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76A						Yes	** NA **			None
77	M77A						Yes	** NA **			None
78	M78						Yes	** NA **			None
79	M79A						Yes	** NA **			None
80	MP1A						Yes	** NA **			None
81	MP4A						Yes	** NA **			None
82	MP3A						Yes	** NA **			None
83	MP2A						Yes	** NA **			None
84	M84A						Yes	** NA **			None
85	M85A						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	M87						Yes	** NA **			None
88	MP4B						Yes	** NA **			None
89	MP1B						Yes	** NA **			None
90	MP3B						Yes	** NA **			None
91	MP2B						Yes	** NA **			None
92	M92A						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	MP4C						Yes	** NA **			None
97	MP3C						Yes	** NA **			None
98	MP2C						Yes	** NA **			None
99	MP1C						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	O1						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	O2						Yes	** NA **			None
104	M104						Yes	Default			None
105	M105						Yes	Default			None
106	M106						Yes	Default			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

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
118	M118						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	OOOOOX					Yes	** NA **			None
125	M125						Yes				None
126	M126						Yes				None
127	M127						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	Y	-13.5	.5
2	MP1B	My	.008	.5
3	MP1B	Mz	-.015	.5
4	MP1B	Y	-13.5	4.5
5	MP1B	My	.008	4.5
6	MP1B	Mz	-.015	4.5
7	MP1C	Y	-13.5	.5
8	MP1C	My	.008	.5
9	MP1C	Mz	.015	.5
10	MP1C	Y	-13.5	4.5
11	MP1C	My	.008	4.5
12	MP1C	Mz	.015	4.5
13	MP4B	Y	-13.5	.5
14	MP4B	My	.008	.5
15	MP4B	Mz	-.015	.5
16	MP4B	Y	-13.5	4.5
17	MP4B	My	.008	4.5
18	MP4B	Mz	-.015	4.5
19	MP4C	Y	-13.5	.5
20	MP4C	My	.008	.5
21	MP4C	Mz	.015	.5
22	MP4C	Y	-13.5	4.5
23	MP4C	My	.008	4.5
24	MP4C	Mz	.015	4.5
25	MP1A	Y	-10.5	.5
26	MP1A	My	-.013	.5
27	MP1A	Mz	0	.5
28	MP1A	Y	-10.5	4.5
29	MP1A	My	-.013	4.5
30	MP1A	Mz	0	4.5
31	MP4A	Y	-10.5	.5
32	MP4A	My	-.013	.5
33	MP4A	Mz	0	.5
34	MP4A	Y	-10.5	4.5
35	MP4A	My	-.013	4.5
36	MP4A	Mz	0	4.5
37	MP3A	Y	-21.85	.5
38	MP3A	My	-.018	.5
39	MP3A	Mz	-.013	.5
40	MP3A	Y	-21.85	4.5
41	MP3A	My	-.018	4.5
42	MP3A	Mz	-.013	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3B	Y	-21.85	.5
44	MP3B	My	.02	.5
45	MP3B	Mz	-.009	.5
46	MP3B	Y	-21.85	4.5
47	MP3B	My	.02	4.5
48	MP3B	Mz	-.009	4.5
49	MP3C	Y	-21.85	.5
50	MP3C	My	-.002	.5
51	MP3C	Mz	.022	.5
52	MP3C	Y	-21.85	4.5
53	MP3C	My	-.002	4.5
54	MP3C	Mz	.022	4.5
55	MP3A	Y	-32.3	.5
56	MP3A	My	-.027	.5
57	MP3A	Mz	.019	.5
58	MP3A	Y	-32.3	4.5
59	MP3A	My	-.027	4.5
60	MP3A	Mz	.019	4.5
61	MP3B	Y	-32.3	.5
62	MP3B	My	-.003	.5
63	MP3B	Mz	-.033	.5
64	MP3B	Y	-32.3	4.5
65	MP3B	My	-.003	4.5
66	MP3B	Mz	-.033	4.5
67	MP3C	Y	-32.3	.5
68	MP3C	My	.03	.5
69	MP3C	Mz	.014	.5
70	MP3C	Y	-32.3	4.5
71	MP3C	My	.03	4.5
72	MP3C	Mz	.014	4.5
73	MP2A	Y	-43.55	1.5
74	MP2A	My	-.036	1.5
75	MP2A	Mz	0	1.5
76	MP2A	Y	-43.55	3.5
77	MP2A	My	-.036	3.5
78	MP2A	Mz	0	3.5
79	MP2B	Y	-43.55	1.5
80	MP2B	My	.018	1.5
81	MP2B	Mz	-.031	1.5
82	MP2B	Y	-43.55	3.5
83	MP2B	My	.018	3.5
84	MP2B	Mz	-.031	3.5
85	MP2C	Y	-43.55	1.5
86	MP2C	My	.018	1.5
87	MP2C	Mz	.031	1.5
88	MP2C	Y	-43.55	3.5
89	MP2C	My	.018	3.5
90	MP2C	Mz	.031	3.5
91	O1	Y	-32	1
92	O1	My	0	1
93	O1	Mz	0	1
94	MP2A	Y	-18.7	.5
95	MP2A	My	.005	.5
96	MP2A	Mz	0	.5
97	MP2B	Y	-18.7	.5
98	MP2B	My	-.002	.5
99	MP2B	Mz	.004	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP2C	Y	-18.7	.5
101	MP2C	My	-.002	.5
102	MP2C	Mz	-.004	.5
103	MP3A	Y	-74.7	2
104	MP3A	My	.037	2
105	MP3A	Mz	0	2
106	MP3B	Y	-74.7	2
107	MP3B	My	-.019	2
108	MP3B	Mz	.032	2
109	MP3C	Y	-74.7	2
110	MP3C	My	-.019	2
111	MP3C	Mz	-.032	2
112	MP4A	Y	-70.3	2
113	MP4A	My	.035	2
114	MP4A	Mz	0	2
115	MP4B	Y	-70.3	2
116	MP4B	My	-.018	2
117	MP4B	Mz	.03	2
118	MP4C	Y	-70.3	2
119	MP4C	My	-.018	2
120	MP4C	Mz	-.03	2
121	O2	Y	-32	1
122	O2	My	0	1
123	O2	Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	Y	-134.631	.5
2	MP1B	My	.084	.5
3	MP1B	Mz	-.146	.5
4	MP1B	Y	-134.631	4.5
5	MP1B	My	.084	4.5
6	MP1B	Mz	-.146	4.5
7	MP1C	Y	-134.631	.5
8	MP1C	My	.084	.5
9	MP1C	Mz	.146	.5
10	MP1C	Y	-134.631	4.5
11	MP1C	My	.084	4.5
12	MP1C	Mz	.146	4.5
13	MP4B	Y	-134.631	.5
14	MP4B	My	.084	.5
15	MP4B	Mz	-.146	.5
16	MP4B	Y	-134.631	4.5
17	MP4B	My	.084	4.5
18	MP4B	Mz	-.146	4.5
19	MP4C	Y	-134.631	.5
20	MP4C	My	.084	.5
21	MP4C	Mz	.146	.5
22	MP4C	Y	-134.631	4.5
23	MP4C	My	.084	4.5
24	MP4C	Mz	.146	4.5
25	MP1A	Y	-89.967	.5
26	MP1A	My	-.112	.5
27	MP1A	Mz	0	.5
28	MP1A	Y	-89.967	4.5
29	MP1A	My	-.112	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP1A	Mz	0	4.5
31	MP4A	Y	-89.967	.5
32	MP4A	My	-.112	.5
33	MP4A	Mz	0	.5
34	MP4A	Y	-89.967	4.5
35	MP4A	My	-.112	4.5
36	MP4A	Mz	0	4.5
37	MP3A	Y	-93.133	.5
38	MP3A	My	-.078	.5
39	MP3A	Mz	-.054	.5
40	MP3A	Y	-93.133	4.5
41	MP3A	My	-.078	4.5
42	MP3A	Mz	-.054	4.5
43	MP3B	Y	-93.133	.5
44	MP3B	My	.086	.5
45	MP3B	Mz	-.04	.5
46	MP3B	Y	-93.133	4.5
47	MP3B	My	.086	4.5
48	MP3B	Mz	-.04	4.5
49	MP3C	Y	-93.133	.5
50	MP3C	My	-.008	.5
51	MP3C	Mz	.094	.5
52	MP3C	Y	-93.133	4.5
53	MP3C	My	-.008	4.5
54	MP3C	Mz	.094	4.5
55	MP3A	Y	-93.133	.5
56	MP3A	My	-.078	.5
57	MP3A	Mz	.054	.5
58	MP3A	Y	-93.133	4.5
59	MP3A	My	-.078	4.5
60	MP3A	Mz	.054	4.5
61	MP3B	Y	-93.133	.5
62	MP3B	My	-.008	.5
63	MP3B	Mz	-.094	.5
64	MP3B	Y	-93.133	4.5
65	MP3B	My	-.008	4.5
66	MP3B	Mz	-.094	4.5
67	MP3C	Y	-93.133	.5
68	MP3C	My	.086	.5
69	MP3C	Mz	.04	.5
70	MP3C	Y	-93.133	4.5
71	MP3C	My	.086	4.5
72	MP3C	Mz	.04	4.5
73	MP2A	Y	-54.958	1.5
74	MP2A	My	-.046	1.5
75	MP2A	Mz	0	1.5
76	MP2A	Y	-54.958	3.5
77	MP2A	My	-.046	3.5
78	MP2A	Mz	0	3.5
79	MP2B	Y	-54.958	1.5
80	MP2B	My	.023	1.5
81	MP2B	Mz	-.04	1.5
82	MP2B	Y	-54.958	3.5
83	MP2B	My	.023	3.5
84	MP2B	Mz	-.04	3.5
85	MP2C	Y	-54.958	1.5
86	MP2C	My	.023	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP2C	Mz	.04	1.5
88	MP2C	Y	-54.958	3.5
89	MP2C	My	.023	3.5
90	MP2C	Mz	.04	3.5
91	O1	Y	-116.668	1
92	O1	My	0	1
93	O1	Mz	0	1
94	MP2A	Y	-31.873	.5
95	MP2A	My	.008	.5
96	MP2A	Mz	0	.5
97	MP2B	Y	-31.873	.5
98	MP2B	My	-.004	.5
99	MP2B	Mz	.007	.5
100	MP2C	Y	-31.873	.5
101	MP2C	My	-.004	.5
102	MP2C	Mz	-.007	.5
103	MP3A	Y	-69.812	2
104	MP3A	My	.035	2
105	MP3A	Mz	0	2
106	MP3B	Y	-69.812	2
107	MP3B	My	-.017	2
108	MP3B	Mz	.03	2
109	MP3C	Y	-69.812	2
110	MP3C	My	-.017	2
111	MP3C	Mz	-.03	2
112	MP4A	Y	-66.592	2
113	MP4A	My	.033	2
114	MP4A	Mz	0	2
115	MP4B	Y	-66.592	2
116	MP4B	My	-.017	2
117	MP4B	Mz	.029	2
118	MP4C	Y	-66.592	2
119	MP4C	My	-.017	2
120	MP4C	Mz	-.029	2
121	O2	Y	-116.668	1
122	O2	My	0	1
123	O2	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	.5
2	MP1B	Z	-125.168	.5
3	MP1B	Mx	.135	.5
4	MP1B	X	0	4.5
5	MP1B	Z	-125.168	4.5
6	MP1B	Mx	.135	4.5
7	MP1C	X	0	.5
8	MP1C	Z	-125.168	.5
9	MP1C	Mx	-.135	.5
10	MP1C	X	0	4.5
11	MP1C	Z	-125.168	4.5
12	MP1C	Mx	-.135	4.5
13	MP4B	X	0	.5
14	MP4B	Z	-125.168	.5
15	MP4B	Mx	.135	.5
16	MP4B	X	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP4B	Z	-125.168	4.5
18	MP4B	Mx	.135	4.5
19	MP4C	X	0	.5
20	MP4C	Z	-125.168	.5
21	MP4C	Mx	-.135	.5
22	MP4C	X	0	4.5
23	MP4C	Z	-125.168	4.5
24	MP4C	Mx	-.135	4.5
25	MP1A	X	0	.5
26	MP1A	Z	-61.372	.5
27	MP1A	Mx	0	.5
28	MP1A	X	0	4.5
29	MP1A	Z	-61.372	4.5
30	MP1A	Mx	0	4.5
31	MP4A	X	0	.5
32	MP4A	Z	-61.372	.5
33	MP4A	Mx	0	.5
34	MP4A	X	0	4.5
35	MP4A	Z	-61.372	4.5
36	MP4A	Mx	0	4.5
37	MP3A	X	0	.5
38	MP3A	Z	-114.523	.5
39	MP3A	Mx	.067	.5
40	MP3A	X	0	4.5
41	MP3A	Z	-114.523	4.5
42	MP3A	Mx	.067	4.5
43	MP3B	X	0	.5
44	MP3B	Z	-85.414	.5
45	MP3B	Mx	.037	.5
46	MP3B	X	0	4.5
47	MP3B	Z	-85.414	4.5
48	MP3B	Mx	.037	4.5
49	MP3C	X	0	.5
50	MP3C	Z	-85.414	.5
51	MP3C	Mx	-.087	.5
52	MP3C	X	0	4.5
53	MP3C	Z	-85.414	4.5
54	MP3C	Mx	-.087	4.5
55	MP3A	X	0	.5
56	MP3A	Z	-114.097	.5
57	MP3A	Mx	-.067	.5
58	MP3A	X	0	4.5
59	MP3A	Z	-114.097	4.5
60	MP3A	Mx	-.067	4.5
61	MP3B	X	0	.5
62	MP3B	Z	-85.307	.5
63	MP3B	Mx	.086	.5
64	MP3B	X	0	4.5
65	MP3B	Z	-85.307	4.5
66	MP3B	Mx	.086	4.5
67	MP3C	X	0	.5
68	MP3C	Z	-85.307	.5
69	MP3C	Mx	-.037	.5
70	MP3C	X	0	4.5
71	MP3C	Z	-85.307	4.5
72	MP3C	Mx	-.037	4.5
73	MP2A	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2A	Z	-66.616	1.5
75	MP2A	Mx	0	1.5
76	MP2A	X	0	3.5
77	MP2A	Z	-66.616	3.5
78	MP2A	Mx	0	3.5
79	MP2B	X	0	1.5
80	MP2B	Z	-36.214	1.5
81	MP2B	Mx	.026	1.5
82	MP2B	X	0	3.5
83	MP2B	Z	-36.214	3.5
84	MP2B	Mx	.026	3.5
85	MP2C	X	0	1.5
86	MP2C	Z	-36.214	1.5
87	MP2C	Mx	-.026	1.5
88	MP2C	X	0	3.5
89	MP2C	Z	-36.214	3.5
90	MP2C	Mx	-.026	3.5
91	O1	X	0	1
92	O1	Z	-107.436	1
93	O1	Mx	0	1
94	MP2A	X	0	.5
95	MP2A	Z	-28.347	.5
96	MP2A	Mx	0	.5
97	MP2B	X	0	.5
98	MP2B	Z	-17.74	.5
99	MP2B	Mx	-.004	.5
100	MP2C	X	0	.5
101	MP2C	Z	-17.74	.5
102	MP2C	Mx	.004	.5
103	MP3A	X	0	2
104	MP3A	Z	-53.009	2
105	MP3A	Mx	0	2
106	MP3B	X	0	2
107	MP3B	Z	-39.828	2
108	MP3B	Mx	-.017	2
109	MP3C	X	0	2
110	MP3C	Z	-39.828	2
111	MP3C	Mx	.017	2
112	MP4A	X	0	2
113	MP4A	Z	-53.009	2
114	MP4A	Mx	0	2
115	MP4B	X	0	2
116	MP4B	Z	-37.436	2
117	MP4B	Mx	-.016	2
118	MP4C	X	0	2
119	MP4C	Z	-37.436	2
120	MP4C	Mx	.016	2
121	O2	X	0	1
122	O2	Z	-107.436	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	60.767	.5
2	MP1B	Z	-105.252	.5
3	MP1B	Mx	.152	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP1B	X	60.767	4.5
5	MP1B	Z	-105.252	4.5
6	MP1B	Mx	.152	4.5
7	MP1C	X	66.217	.5
8	MP1C	Z	-114.691	.5
9	MP1C	Mx	-.083	.5
10	MP1C	X	66.217	4.5
11	MP1C	Z	-114.691	4.5
12	MP1C	Mx	-.083	4.5
13	MP4B	X	60.767	.5
14	MP4B	Z	-105.252	.5
15	MP4B	Mx	.152	.5
16	MP4B	X	60.767	4.5
17	MP4B	Z	-105.252	4.5
18	MP4B	Mx	.152	4.5
19	MP4C	X	66.217	.5
20	MP4C	Z	-114.691	.5
21	MP4C	Mx	-.083	.5
22	MP4C	X	66.217	4.5
23	MP4C	Z	-114.691	4.5
24	MP4C	Mx	-.083	4.5
25	MP1A	X	38.301	.5
26	MP1A	Z	-66.34	.5
27	MP1A	Mx	-.048	.5
28	MP1A	X	38.301	4.5
29	MP1A	Z	-66.34	4.5
30	MP1A	Mx	-.048	4.5
31	MP4A	X	38.301	.5
32	MP4A	Z	-66.34	.5
33	MP4A	Mx	-.048	.5
34	MP4A	X	38.301	4.5
35	MP4A	Z	-66.34	4.5
36	MP4A	Mx	-.048	4.5
37	MP3A	X	52.41	.5
38	MP3A	Z	-90.776	.5
39	MP3A	Mx	.009	.5
40	MP3A	X	52.41	4.5
41	MP3A	Z	-90.776	4.5
42	MP3A	Mx	.009	4.5
43	MP3B	X	37.855	.5
44	MP3B	Z	-65.567	.5
45	MP3B	Mx	.063	.5
46	MP3B	X	37.855	4.5
47	MP3B	Z	-65.567	4.5
48	MP3B	Mx	.063	4.5
49	MP3C	X	52.41	.5
50	MP3C	Z	-90.776	.5
51	MP3C	Mx	-.097	.5
52	MP3C	X	52.41	4.5
53	MP3C	Z	-90.776	4.5
54	MP3C	Mx	-.097	4.5
55	MP3A	X	52.25	.5
56	MP3A	Z	-90.5	.5
57	MP3A	Mx	-.096	.5
58	MP3A	X	52.25	4.5
59	MP3A	Z	-90.5	4.5
60	MP3A	Mx	-.096	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP3B	X	37.855	.5
62	MP3B	Z	-65.567	.5
63	MP3B	Mx	.063	.5
64	MP3B	X	37.855	4.5
65	MP3B	Z	-65.567	4.5
66	MP3B	Mx	.063	4.5
67	MP3C	X	52.25	.5
68	MP3C	Z	-90.5	.5
69	MP3C	Mx	.009	.5
70	MP3C	X	52.25	4.5
71	MP3C	Z	-90.5	4.5
72	MP3C	Mx	.009	4.5
73	MP2A	X	28.241	1.5
74	MP2A	Z	-48.915	1.5
75	MP2A	Mx	-.024	1.5
76	MP2A	X	28.241	3.5
77	MP2A	Z	-48.915	3.5
78	MP2A	Mx	-.024	3.5
79	MP2B	X	13.04	1.5
80	MP2B	Z	-22.586	1.5
81	MP2B	Mx	.022	1.5
82	MP2B	X	13.04	3.5
83	MP2B	Z	-22.586	3.5
84	MP2B	Mx	.022	3.5
85	MP2C	X	28.241	1.5
86	MP2C	Z	-48.915	1.5
87	MP2C	Mx	-.024	1.5
88	MP2C	X	28.241	3.5
89	MP2C	Z	-48.915	3.5
90	MP2C	Mx	-.024	3.5
91	O1	X	49.178	1
92	O1	Z	-85.178	1
93	O1	Mx	0	1
94	MP2A	X	12.406	.5
95	MP2A	Z	-21.487	.5
96	MP2A	Mx	.003	.5
97	MP2B	X	7.102	.5
98	MP2B	Z	-12.301	.5
99	MP2B	Mx	-.004	.5
100	MP2C	X	12.406	.5
101	MP2C	Z	-21.487	.5
102	MP2C	Mx	.003	.5
103	MP3A	X	24.308	2
104	MP3A	Z	-42.102	2
105	MP3A	Mx	.012	2
106	MP3B	X	17.717	2
107	MP3B	Z	-30.687	2
108	MP3B	Mx	-.018	2
109	MP3C	X	24.308	2
110	MP3C	Z	-42.102	2
111	MP3C	Mx	.012	2
112	MP4A	X	23.909	2
113	MP4A	Z	-41.412	2
114	MP4A	Mx	.012	2
115	MP4B	X	16.122	2
116	MP4B	Z	-27.925	2
117	MP4B	Mx	-.016	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
118	MP4C	X	23.909	2
119	MP4C	Z	-41.412	2
120	MP4C	Mx	.012	2
121	O2	X	49.178	1
122	O2	Z	-85.178	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	108.398	.5
2	MP1B	Z	-62.584	.5
3	MP1B	Mx	.135	.5
4	MP1B	X	108.398	4.5
5	MP1B	Z	-62.584	4.5
6	MP1B	Mx	.135	4.5
7	MP1C	X	117.837	.5
8	MP1C	Z	-68.033	.5
9	MP1C	Mx	0	.5
10	MP1C	X	117.837	4.5
11	MP1C	Z	-68.033	4.5
12	MP1C	Mx	0	4.5
13	MP4B	X	108.398	.5
14	MP4B	Z	-62.584	.5
15	MP4B	Mx	.135	.5
16	MP4B	X	108.398	4.5
17	MP4B	Z	-62.584	4.5
18	MP4B	Mx	.135	4.5
19	MP4C	X	117.837	.5
20	MP4C	Z	-68.033	.5
21	MP4C	Mx	0	.5
22	MP4C	X	117.837	4.5
23	MP4C	Z	-68.033	4.5
24	MP4C	Mx	0	4.5
25	MP1A	X	92.72	.5
26	MP1A	Z	-53.532	.5
27	MP1A	Mx	-.116	.5
28	MP1A	X	92.72	4.5
29	MP1A	Z	-53.532	4.5
30	MP1A	Mx	-.116	4.5
31	MP4A	X	92.72	.5
32	MP4A	Z	-53.532	.5
33	MP4A	Mx	-.116	.5
34	MP4A	X	92.72	4.5
35	MP4A	Z	-53.532	4.5
36	MP4A	Mx	-.116	4.5
37	MP3A	X	73.97	.5
38	MP3A	Z	-42.707	.5
39	MP3A	Mx	-.037	.5
40	MP3A	X	73.97	4.5
41	MP3A	Z	-42.707	4.5
42	MP3A	Mx	-.037	4.5
43	MP3B	X	73.97	.5
44	MP3B	Z	-42.707	.5
45	MP3B	Mx	.087	.5
46	MP3B	X	73.97	4.5
47	MP3B	Z	-42.707	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3B	Mx	.087	4.5
49	MP3C	X	99.179	.5
50	MP3C	Z	-57.261	.5
51	MP3C	Mx	-.067	.5
52	MP3C	X	99.179	4.5
53	MP3C	Z	-57.261	4.5
54	MP3C	Mx	-.067	4.5
55	MP3A	X	73.878	.5
56	MP3A	Z	-42.654	.5
57	MP3A	Mx	-.086	.5
58	MP3A	X	73.878	4.5
59	MP3A	Z	-42.654	4.5
60	MP3A	Mx	-.086	4.5
61	MP3B	X	73.878	.5
62	MP3B	Z	-42.654	.5
63	MP3B	Mx	.037	.5
64	MP3B	X	73.878	4.5
65	MP3B	Z	-42.654	4.5
66	MP3B	Mx	.037	4.5
67	MP3C	X	98.811	.5
68	MP3C	Z	-57.049	.5
69	MP3C	Mx	.067	.5
70	MP3C	X	98.811	4.5
71	MP3C	Z	-57.049	4.5
72	MP3C	Mx	.067	4.5
73	MP2A	X	31.362	1.5
74	MP2A	Z	-18.107	1.5
75	MP2A	Mx	-.026	1.5
76	MP2A	X	31.362	3.5
77	MP2A	Z	-18.107	3.5
78	MP2A	Mx	-.026	3.5
79	MP2B	X	31.362	1.5
80	MP2B	Z	-18.107	1.5
81	MP2B	Mx	.026	1.5
82	MP2B	X	31.362	3.5
83	MP2B	Z	-18.107	3.5
84	MP2B	Mx	.026	3.5
85	MP2C	X	57.691	1.5
86	MP2C	Z	-33.308	1.5
87	MP2C	Mx	0	1.5
88	MP2C	X	57.691	3.5
89	MP2C	Z	-33.308	3.5
90	MP2C	Mx	0	3.5
91	O1	X	69.45	1
92	O1	Z	-40.097	1
93	O1	Mx	0	1
94	MP2A	X	15.363	.5
95	MP2A	Z	-8.87	.5
96	MP2A	Mx	.004	.5
97	MP2B	X	15.363	.5
98	MP2B	Z	-8.87	.5
99	MP2B	Mx	-.004	.5
100	MP2C	X	24.549	.5
101	MP2C	Z	-14.174	.5
102	MP2C	Mx	0	.5
103	MP3A	X	34.492	2
104	MP3A	Z	-19.914	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP3A	Mx	.017	2
106	MP3B	X	34.492	2
107	MP3B	Z	-19.914	2
108	MP3B	Mx	-.017	2
109	MP3C	X	45.907	2
110	MP3C	Z	-26.505	2
111	MP3C	Mx	0	2
112	MP4A	X	32.42	2
113	MP4A	Z	-18.718	2
114	MP4A	Mx	.016	2
115	MP4B	X	32.42	2
116	MP4B	Z	-18.718	2
117	MP4B	Mx	-.016	2
118	MP4C	X	45.907	2
119	MP4C	Z	-26.505	2
120	MP4C	Mx	0	2
121	O2	X	69.45	1
122	O2	Z	-40.097	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	132.433	.5
2	MP1B	Z	0	.5
3	MP1B	Mx	.083	.5
4	MP1B	X	132.433	4.5
5	MP1B	Z	0	4.5
6	MP1B	Mx	.083	4.5
7	MP1C	X	132.433	.5
8	MP1C	Z	0	.5
9	MP1C	Mx	.083	.5
10	MP1C	X	132.433	4.5
11	MP1C	Z	0	4.5
12	MP1C	Mx	.083	4.5
13	MP4B	X	132.433	.5
14	MP4B	Z	0	.5
15	MP4B	Mx	.083	.5
16	MP4B	X	132.433	4.5
17	MP4B	Z	0	4.5
18	MP4B	Mx	.083	4.5
19	MP4C	X	132.433	.5
20	MP4C	Z	0	.5
21	MP4C	Mx	.083	.5
22	MP4C	X	132.433	4.5
23	MP4C	Z	0	4.5
24	MP4C	Mx	.083	4.5
25	MP1A	X	122.295	.5
26	MP1A	Z	0	.5
27	MP1A	Mx	-.153	.5
28	MP1A	X	122.295	4.5
29	MP1A	Z	0	4.5
30	MP1A	Mx	-.153	4.5
31	MP4A	X	122.295	.5
32	MP4A	Z	0	.5
33	MP4A	Mx	-.153	.5
34	MP4A	X	122.295	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP4A	Z	0	4.5
36	MP4A	Mx	-.153	4.5
37	MP3A	X	75.711	.5
38	MP3A	Z	0	.5
39	MP3A	Mx	-.063	.5
40	MP3A	X	75.711	4.5
41	MP3A	Z	0	4.5
42	MP3A	Mx	-.063	4.5
43	MP3B	X	104.82	.5
44	MP3B	Z	0	.5
45	MP3B	Mx	.097	.5
46	MP3B	X	104.82	4.5
47	MP3B	Z	0	4.5
48	MP3B	Mx	.097	4.5
49	MP3C	X	104.82	.5
50	MP3C	Z	0	.5
51	MP3C	Mx	-.009	.5
52	MP3C	X	104.82	4.5
53	MP3C	Z	0	4.5
54	MP3C	Mx	-.009	4.5
55	MP3A	X	75.711	.5
56	MP3A	Z	0	.5
57	MP3A	Mx	-.063	.5
58	MP3A	X	75.711	4.5
59	MP3A	Z	0	4.5
60	MP3A	Mx	-.063	4.5
61	MP3B	X	104.501	.5
62	MP3B	Z	0	.5
63	MP3B	Mx	-.009	.5
64	MP3B	X	104.501	4.5
65	MP3B	Z	0	4.5
66	MP3B	Mx	-.009	4.5
67	MP3C	X	104.501	.5
68	MP3C	Z	0	.5
69	MP3C	Mx	.096	.5
70	MP3C	X	104.501	4.5
71	MP3C	Z	0	4.5
72	MP3C	Mx	.096	4.5
73	MP2A	X	26.08	1.5
74	MP2A	Z	0	1.5
75	MP2A	Mx	-.022	1.5
76	MP2A	X	26.08	3.5
77	MP2A	Z	0	3.5
78	MP2A	Mx	-.022	3.5
79	MP2B	X	56.482	1.5
80	MP2B	Z	0	1.5
81	MP2B	Mx	.024	1.5
82	MP2B	X	56.482	3.5
83	MP2B	Z	0	3.5
84	MP2B	Mx	.024	3.5
85	MP2C	X	56.482	1.5
86	MP2C	Z	0	1.5
87	MP2C	Mx	.024	1.5
88	MP2C	X	56.482	3.5
89	MP2C	Z	0	3.5
90	MP2C	Mx	.024	3.5
91	O1	X	71.114	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	O1	Z	0	1
93	O1	Mx	0	1
94	MP2A	X	14.204	.5
95	MP2A	Z	0	.5
96	MP2A	Mx	.004	.5
97	MP2B	X	24.811	.5
98	MP2B	Z	0	.5
99	MP2B	Mx	-.003	.5
100	MP2C	X	24.811	.5
101	MP2C	Z	0	.5
102	MP2C	Mx	-.003	.5
103	MP3A	X	35.434	2
104	MP3A	Z	0	2
105	MP3A	Mx	.018	2
106	MP3B	X	48.615	2
107	MP3B	Z	0	2
108	MP3B	Mx	-.012	2
109	MP3C	X	48.615	2
110	MP3C	Z	0	2
111	MP3C	Mx	-.012	2
112	MP4A	X	32.245	2
113	MP4A	Z	0	2
114	MP4A	Mx	.016	2
115	MP4B	X	47.818	2
116	MP4B	Z	0	2
117	MP4B	Mx	-.012	2
118	MP4C	X	47.818	2
119	MP4C	Z	0	2
120	MP4C	Mx	-.012	2
121	O2	X	71.114	1
122	O2	Z	0	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	117.837	.5
2	MP1B	Z	68.033	.5
3	MP1B	Mx	0	.5
4	MP1B	X	117.837	4.5
5	MP1B	Z	68.033	4.5
6	MP1B	Mx	0	4.5
7	MP1C	X	108.398	.5
8	MP1C	Z	62.584	.5
9	MP1C	Mx	.135	.5
10	MP1C	X	108.398	4.5
11	MP1C	Z	62.584	4.5
12	MP1C	Mx	.135	4.5
13	MP4B	X	117.837	.5
14	MP4B	Z	68.033	.5
15	MP4B	Mx	0	.5
16	MP4B	X	117.837	4.5
17	MP4B	Z	68.033	4.5
18	MP4B	Mx	0	4.5
19	MP4C	X	108.398	.5
20	MP4C	Z	62.584	.5
21	MP4C	Mx	.135	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP4C	X	108.398	4.5
23	MP4C	Z	62.584	4.5
24	MP4C	Mx	.135	4.5
25	MP1A	X	92.72	.5
26	MP1A	Z	53.532	.5
27	MP1A	Mx	-.116	.5
28	MP1A	X	92.72	4.5
29	MP1A	Z	53.532	4.5
30	MP1A	Mx	-.116	4.5
31	MP4A	X	92.72	.5
32	MP4A	Z	53.532	.5
33	MP4A	Mx	-.116	.5
34	MP4A	X	92.72	4.5
35	MP4A	Z	53.532	4.5
36	MP4A	Mx	-.116	4.5
37	MP3A	X	73.97	.5
38	MP3A	Z	42.707	.5
39	MP3A	Mx	-.087	.5
40	MP3A	X	73.97	4.5
41	MP3A	Z	42.707	4.5
42	MP3A	Mx	-.087	4.5
43	MP3B	X	99.179	.5
44	MP3B	Z	57.261	.5
45	MP3B	Mx	.067	.5
46	MP3B	X	99.179	4.5
47	MP3B	Z	57.261	4.5
48	MP3B	Mx	.067	4.5
49	MP3C	X	73.97	.5
50	MP3C	Z	42.707	.5
51	MP3C	Mx	.037	.5
52	MP3C	X	73.97	4.5
53	MP3C	Z	42.707	4.5
54	MP3C	Mx	.037	4.5
55	MP3A	X	73.878	.5
56	MP3A	Z	42.654	.5
57	MP3A	Mx	-.037	.5
58	MP3A	X	73.878	4.5
59	MP3A	Z	42.654	4.5
60	MP3A	Mx	-.037	4.5
61	MP3B	X	98.811	.5
62	MP3B	Z	57.049	.5
63	MP3B	Mx	-.067	.5
64	MP3B	X	98.811	4.5
65	MP3B	Z	57.049	4.5
66	MP3B	Mx	-.067	4.5
67	MP3C	X	73.878	.5
68	MP3C	Z	42.654	.5
69	MP3C	Mx	.086	.5
70	MP3C	X	73.878	4.5
71	MP3C	Z	42.654	4.5
72	MP3C	Mx	.086	4.5
73	MP2A	X	31.362	1.5
74	MP2A	Z	18.107	1.5
75	MP2A	Mx	-.026	1.5
76	MP2A	X	31.362	3.5
77	MP2A	Z	18.107	3.5
78	MP2A	Mx	-.026	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP2B	X	57.691	1.5
80	MP2B	Z	33.308	1.5
81	MP2B	Mx	0	1.5
82	MP2B	X	57.691	3.5
83	MP2B	Z	33.308	3.5
84	MP2B	Mx	0	3.5
85	MP2C	X	31.362	1.5
86	MP2C	Z	18.107	1.5
87	MP2C	Mx	.026	1.5
88	MP2C	X	31.362	3.5
89	MP2C	Z	18.107	3.5
90	MP2C	Mx	.026	3.5
91	O1	X	69.45	1
92	O1	Z	40.097	1
93	O1	Mx	0	1
94	MP2A	X	15.363	.5
95	MP2A	Z	8.87	.5
96	MP2A	Mx	.004	.5
97	MP2B	X	24.549	.5
98	MP2B	Z	14.174	.5
99	MP2B	Mx	0	.5
100	MP2C	X	15.363	.5
101	MP2C	Z	8.87	.5
102	MP2C	Mx	-.004	.5
103	MP3A	X	34.492	2
104	MP3A	Z	19.914	2
105	MP3A	Mx	.017	2
106	MP3B	X	45.907	2
107	MP3B	Z	26.505	2
108	MP3B	Mx	0	2
109	MP3C	X	34.492	2
110	MP3C	Z	19.914	2
111	MP3C	Mx	-.017	2
112	MP4A	X	32.42	2
113	MP4A	Z	18.718	2
114	MP4A	Mx	.016	2
115	MP4B	X	45.907	2
116	MP4B	Z	26.505	2
117	MP4B	Mx	0	2
118	MP4C	X	32.42	2
119	MP4C	Z	18.718	2
120	MP4C	Mx	-.016	2
121	O2	X	69.45	1
122	O2	Z	40.097	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	66.217	.5
2	MP1B	Z	114.691	.5
3	MP1B	Mx	-.083	.5
4	MP1B	X	66.217	4.5
5	MP1B	Z	114.691	4.5
6	MP1B	Mx	-.083	4.5
7	MP1C	X	60.767	.5
8	MP1C	Z	105.252	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1C	Mx	.152	.5
10	MP1C	X	60.767	4.5
11	MP1C	Z	105.252	4.5
12	MP1C	Mx	.152	4.5
13	MP4B	X	66.217	.5
14	MP4B	Z	114.691	.5
15	MP4B	Mx	-.083	.5
16	MP4B	X	66.217	4.5
17	MP4B	Z	114.691	4.5
18	MP4B	Mx	-.083	4.5
19	MP4C	X	60.767	.5
20	MP4C	Z	105.252	.5
21	MP4C	Mx	.152	.5
22	MP4C	X	60.767	4.5
23	MP4C	Z	105.252	4.5
24	MP4C	Mx	.152	4.5
25	MP1A	X	38.301	.5
26	MP1A	Z	66.34	.5
27	MP1A	Mx	-.048	.5
28	MP1A	X	38.301	4.5
29	MP1A	Z	66.34	4.5
30	MP1A	Mx	-.048	4.5
31	MP4A	X	38.301	.5
32	MP4A	Z	66.34	.5
33	MP4A	Mx	-.048	.5
34	MP4A	X	38.301	4.5
35	MP4A	Z	66.34	4.5
36	MP4A	Mx	-.048	4.5
37	MP3A	X	52.41	.5
38	MP3A	Z	90.776	.5
39	MP3A	Mx	-.097	.5
40	MP3A	X	52.41	4.5
41	MP3A	Z	90.776	4.5
42	MP3A	Mx	-.097	4.5
43	MP3B	X	52.41	.5
44	MP3B	Z	90.776	.5
45	MP3B	Mx	.009	.5
46	MP3B	X	52.41	4.5
47	MP3B	Z	90.776	4.5
48	MP3B	Mx	.009	4.5
49	MP3C	X	37.855	.5
50	MP3C	Z	65.567	.5
51	MP3C	Mx	.063	.5
52	MP3C	X	37.855	4.5
53	MP3C	Z	65.567	4.5
54	MP3C	Mx	.063	4.5
55	MP3A	X	52.25	.5
56	MP3A	Z	90.5	.5
57	MP3A	Mx	.009	.5
58	MP3A	X	52.25	4.5
59	MP3A	Z	90.5	4.5
60	MP3A	Mx	.009	4.5
61	MP3B	X	52.25	.5
62	MP3B	Z	90.5	.5
63	MP3B	Mx	-.096	.5
64	MP3B	X	52.25	4.5
65	MP3B	Z	90.5	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	-.096	4.5
67	MP3C	X	37.855	.5
68	MP3C	Z	65.567	.5
69	MP3C	Mx	.063	.5
70	MP3C	X	37.855	4.5
71	MP3C	Z	65.567	4.5
72	MP3C	Mx	.063	4.5
73	MP2A	X	28.241	1.5
74	MP2A	Z	48.915	1.5
75	MP2A	Mx	-.024	1.5
76	MP2A	X	28.241	3.5
77	MP2A	Z	48.915	3.5
78	MP2A	Mx	-.024	3.5
79	MP2B	X	28.241	1.5
80	MP2B	Z	48.915	1.5
81	MP2B	Mx	-.024	1.5
82	MP2B	X	28.241	3.5
83	MP2B	Z	48.915	3.5
84	MP2B	Mx	-.024	3.5
85	MP2C	X	13.04	1.5
86	MP2C	Z	22.586	1.5
87	MP2C	Mx	.022	1.5
88	MP2C	X	13.04	3.5
89	MP2C	Z	22.586	3.5
90	MP2C	Mx	.022	3.5
91	O1	X	49.178	1
92	O1	Z	85.178	1
93	O1	Mx	0	1
94	MP2A	X	12.406	.5
95	MP2A	Z	21.487	.5
96	MP2A	Mx	.003	.5
97	MP2B	X	12.406	.5
98	MP2B	Z	21.487	.5
99	MP2B	Mx	.003	.5
100	MP2C	X	7.102	.5
101	MP2C	Z	12.301	.5
102	MP2C	Mx	-.004	.5
103	MP3A	X	24.308	2
104	MP3A	Z	42.102	2
105	MP3A	Mx	.012	2
106	MP3B	X	24.308	2
107	MP3B	Z	42.102	2
108	MP3B	Mx	.012	2
109	MP3C	X	17.717	2
110	MP3C	Z	30.687	2
111	MP3C	Mx	-.018	2
112	MP4A	X	23.909	2
113	MP4A	Z	41.412	2
114	MP4A	Mx	.012	2
115	MP4B	X	23.909	2
116	MP4B	Z	41.412	2
117	MP4B	Mx	.012	2
118	MP4C	X	16.122	2
119	MP4C	Z	27.925	2
120	MP4C	Mx	-.016	2
121	O2	X	49.178	1
122	O2	Z	85.178	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	.5
2	MP1B	Z	125.168	.5
3	MP1B	Mx	-.135	.5
4	MP1B	X	0	4.5
5	MP1B	Z	125.168	4.5
6	MP1B	Mx	-.135	4.5
7	MP1C	X	0	.5
8	MP1C	Z	125.168	.5
9	MP1C	Mx	.135	.5
10	MP1C	X	0	4.5
11	MP1C	Z	125.168	4.5
12	MP1C	Mx	.135	4.5
13	MP4B	X	0	.5
14	MP4B	Z	125.168	.5
15	MP4B	Mx	-.135	.5
16	MP4B	X	0	4.5
17	MP4B	Z	125.168	4.5
18	MP4B	Mx	-.135	4.5
19	MP4C	X	0	.5
20	MP4C	Z	125.168	.5
21	MP4C	Mx	.135	.5
22	MP4C	X	0	4.5
23	MP4C	Z	125.168	4.5
24	MP4C	Mx	.135	4.5
25	MP1A	X	0	.5
26	MP1A	Z	61.372	.5
27	MP1A	Mx	0	.5
28	MP1A	X	0	4.5
29	MP1A	Z	61.372	4.5
30	MP1A	Mx	0	4.5
31	MP4A	X	0	.5
32	MP4A	Z	61.372	.5
33	MP4A	Mx	0	.5
34	MP4A	X	0	4.5
35	MP4A	Z	61.372	4.5
36	MP4A	Mx	0	4.5
37	MP3A	X	0	.5
38	MP3A	Z	114.523	.5
39	MP3A	Mx	-.067	.5
40	MP3A	X	0	4.5
41	MP3A	Z	114.523	4.5
42	MP3A	Mx	-.067	4.5
43	MP3B	X	0	.5
44	MP3B	Z	85.414	.5
45	MP3B	Mx	-.037	.5
46	MP3B	X	0	4.5
47	MP3B	Z	85.414	4.5
48	MP3B	Mx	-.037	4.5
49	MP3C	X	0	.5
50	MP3C	Z	85.414	.5
51	MP3C	Mx	.087	.5
52	MP3C	X	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	85.414	4.5
54	MP3C	Mx	.087	4.5
55	MP3A	X	0	.5
56	MP3A	Z	114.097	.5
57	MP3A	Mx	.067	.5
58	MP3A	X	0	4.5
59	MP3A	Z	114.097	4.5
60	MP3A	Mx	.067	4.5
61	MP3B	X	0	.5
62	MP3B	Z	85.307	.5
63	MP3B	Mx	-.086	.5
64	MP3B	X	0	4.5
65	MP3B	Z	85.307	4.5
66	MP3B	Mx	-.086	4.5
67	MP3C	X	0	.5
68	MP3C	Z	85.307	.5
69	MP3C	Mx	.037	.5
70	MP3C	X	0	4.5
71	MP3C	Z	85.307	4.5
72	MP3C	Mx	.037	4.5
73	MP2A	X	0	1.5
74	MP2A	Z	66.616	1.5
75	MP2A	Mx	0	1.5
76	MP2A	X	0	3.5
77	MP2A	Z	66.616	3.5
78	MP2A	Mx	0	3.5
79	MP2B	X	0	1.5
80	MP2B	Z	36.214	1.5
81	MP2B	Mx	-.026	1.5
82	MP2B	X	0	3.5
83	MP2B	Z	36.214	3.5
84	MP2B	Mx	-.026	3.5
85	MP2C	X	0	1.5
86	MP2C	Z	36.214	1.5
87	MP2C	Mx	.026	1.5
88	MP2C	X	0	3.5
89	MP2C	Z	36.214	3.5
90	MP2C	Mx	.026	3.5
91	O1	X	0	1
92	O1	Z	107.436	1
93	O1	Mx	0	1
94	MP2A	X	0	.5
95	MP2A	Z	28.347	.5
96	MP2A	Mx	0	.5
97	MP2B	X	0	.5
98	MP2B	Z	17.74	.5
99	MP2B	Mx	.004	.5
100	MP2C	X	0	.5
101	MP2C	Z	17.74	.5
102	MP2C	Mx	-.004	.5
103	MP3A	X	0	2
104	MP3A	Z	53.009	2
105	MP3A	Mx	0	2
106	MP3B	X	0	2
107	MP3B	Z	39.828	2
108	MP3B	Mx	.017	2
109	MP3C	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP3C	Z	39.828	2
111	MP3C	Mx	-.017	2
112	MP4A	X	0	2
113	MP4A	Z	53.009	2
114	MP4A	Mx	0	2
115	MP4B	X	0	2
116	MP4B	Z	37.436	2
117	MP4B	Mx	.016	2
118	MP4C	X	0	2
119	MP4C	Z	37.436	2
120	MP4C	Mx	-.016	2
121	O2	X	0	1
122	O2	Z	107.436	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-60.767	.5
2	MP1B	Z	105.252	.5
3	MP1B	Mx	-.152	.5
4	MP1B	X	-60.767	4.5
5	MP1B	Z	105.252	4.5
6	MP1B	Mx	-.152	4.5
7	MP1C	X	-66.217	.5
8	MP1C	Z	114.691	.5
9	MP1C	Mx	.083	.5
10	MP1C	X	-66.217	4.5
11	MP1C	Z	114.691	4.5
12	MP1C	Mx	.083	4.5
13	MP4B	X	-60.767	.5
14	MP4B	Z	105.252	.5
15	MP4B	Mx	-.152	.5
16	MP4B	X	-60.767	4.5
17	MP4B	Z	105.252	4.5
18	MP4B	Mx	-.152	4.5
19	MP4C	X	-66.217	.5
20	MP4C	Z	114.691	.5
21	MP4C	Mx	.083	.5
22	MP4C	X	-66.217	4.5
23	MP4C	Z	114.691	4.5
24	MP4C	Mx	.083	4.5
25	MP1A	X	-38.301	.5
26	MP1A	Z	66.34	.5
27	MP1A	Mx	.048	.5
28	MP1A	X	-38.301	4.5
29	MP1A	Z	66.34	4.5
30	MP1A	Mx	.048	4.5
31	MP4A	X	-38.301	.5
32	MP4A	Z	66.34	.5
33	MP4A	Mx	.048	.5
34	MP4A	X	-38.301	4.5
35	MP4A	Z	66.34	4.5
36	MP4A	Mx	.048	4.5
37	MP3A	X	-52.41	.5
38	MP3A	Z	90.776	.5
39	MP3A	Mx	-.009	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	-52.41	4.5
41	MP3A	Z	90.776	4.5
42	MP3A	Mx	-.009	4.5
43	MP3B	X	-37.855	.5
44	MP3B	Z	65.567	.5
45	MP3B	Mx	-.063	.5
46	MP3B	X	-37.855	4.5
47	MP3B	Z	65.567	4.5
48	MP3B	Mx	-.063	4.5
49	MP3C	X	-52.41	.5
50	MP3C	Z	90.776	.5
51	MP3C	Mx	.097	.5
52	MP3C	X	-52.41	4.5
53	MP3C	Z	90.776	4.5
54	MP3C	Mx	.097	4.5
55	MP3A	X	-52.25	.5
56	MP3A	Z	90.5	.5
57	MP3A	Mx	.096	.5
58	MP3A	X	-52.25	4.5
59	MP3A	Z	90.5	4.5
60	MP3A	Mx	.096	4.5
61	MP3B	X	-37.855	.5
62	MP3B	Z	65.567	.5
63	MP3B	Mx	-.063	.5
64	MP3B	X	-37.855	4.5
65	MP3B	Z	65.567	4.5
66	MP3B	Mx	-.063	4.5
67	MP3C	X	-52.25	.5
68	MP3C	Z	90.5	.5
69	MP3C	Mx	-.009	.5
70	MP3C	X	-52.25	4.5
71	MP3C	Z	90.5	4.5
72	MP3C	Mx	-.009	4.5
73	MP2A	X	-28.241	1.5
74	MP2A	Z	48.915	1.5
75	MP2A	Mx	.024	1.5
76	MP2A	X	-28.241	3.5
77	MP2A	Z	48.915	3.5
78	MP2A	Mx	.024	3.5
79	MP2B	X	-13.04	1.5
80	MP2B	Z	22.586	1.5
81	MP2B	Mx	-.022	1.5
82	MP2B	X	-13.04	3.5
83	MP2B	Z	22.586	3.5
84	MP2B	Mx	-.022	3.5
85	MP2C	X	-28.241	1.5
86	MP2C	Z	48.915	1.5
87	MP2C	Mx	.024	1.5
88	MP2C	X	-28.241	3.5
89	MP2C	Z	48.915	3.5
90	MP2C	Mx	.024	3.5
91	O1	X	-49.178	1
92	O1	Z	85.178	1
93	O1	Mx	0	1
94	MP2A	X	-12.406	.5
95	MP2A	Z	21.487	.5
96	MP2A	Mx	-.003	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP2B	X	-7.102	.5
98	MP2B	Z	12.301	.5
99	MP2B	Mx	.004	.5
100	MP2C	X	-12.406	.5
101	MP2C	Z	21.487	.5
102	MP2C	Mx	-.003	.5
103	MP3A	X	-24.308	2
104	MP3A	Z	42.102	2
105	MP3A	Mx	-.012	2
106	MP3B	X	-17.717	2
107	MP3B	Z	30.687	2
108	MP3B	Mx	.018	2
109	MP3C	X	-24.308	2
110	MP3C	Z	42.102	2
111	MP3C	Mx	-.012	2
112	MP4A	X	-23.909	2
113	MP4A	Z	41.412	2
114	MP4A	Mx	-.012	2
115	MP4B	X	-16.122	2
116	MP4B	Z	27.925	2
117	MP4B	Mx	.016	2
118	MP4C	X	-23.909	2
119	MP4C	Z	41.412	2
120	MP4C	Mx	-.012	2
121	O2	X	-49.178	1
122	O2	Z	85.178	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-108.398	.5
2	MP1B	Z	62.584	.5
3	MP1B	Mx	-.135	.5
4	MP1B	X	-108.398	4.5
5	MP1B	Z	62.584	4.5
6	MP1B	Mx	-.135	4.5
7	MP1C	X	-117.837	.5
8	MP1C	Z	68.033	.5
9	MP1C	Mx	0	.5
10	MP1C	X	-117.837	4.5
11	MP1C	Z	68.033	4.5
12	MP1C	Mx	0	4.5
13	MP4B	X	-108.398	.5
14	MP4B	Z	62.584	.5
15	MP4B	Mx	-.135	.5
16	MP4B	X	-108.398	4.5
17	MP4B	Z	62.584	4.5
18	MP4B	Mx	-.135	4.5
19	MP4C	X	-117.837	.5
20	MP4C	Z	68.033	.5
21	MP4C	Mx	0	.5
22	MP4C	X	-117.837	4.5
23	MP4C	Z	68.033	4.5
24	MP4C	Mx	0	4.5
25	MP1A	X	-92.72	.5
26	MP1A	Z	53.532	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP1A	Mx	.116	.5
28	MP1A	X	-92.72	4.5
29	MP1A	Z	53.532	4.5
30	MP1A	Mx	.116	4.5
31	MP4A	X	-92.72	.5
32	MP4A	Z	53.532	.5
33	MP4A	Mx	.116	.5
34	MP4A	X	-92.72	4.5
35	MP4A	Z	53.532	4.5
36	MP4A	Mx	.116	4.5
37	MP3A	X	-73.97	.5
38	MP3A	Z	42.707	.5
39	MP3A	Mx	.037	.5
40	MP3A	X	-73.97	4.5
41	MP3A	Z	42.707	4.5
42	MP3A	Mx	.037	4.5
43	MP3B	X	-73.97	.5
44	MP3B	Z	42.707	.5
45	MP3B	Mx	-.087	.5
46	MP3B	X	-73.97	4.5
47	MP3B	Z	42.707	4.5
48	MP3B	Mx	-.087	4.5
49	MP3C	X	-99.179	.5
50	MP3C	Z	57.261	.5
51	MP3C	Mx	.067	.5
52	MP3C	X	-99.179	4.5
53	MP3C	Z	57.261	4.5
54	MP3C	Mx	.067	4.5
55	MP3A	X	-73.878	.5
56	MP3A	Z	42.654	.5
57	MP3A	Mx	.086	.5
58	MP3A	X	-73.878	4.5
59	MP3A	Z	42.654	4.5
60	MP3A	Mx	.086	4.5
61	MP3B	X	-73.878	.5
62	MP3B	Z	42.654	.5
63	MP3B	Mx	-.037	.5
64	MP3B	X	-73.878	4.5
65	MP3B	Z	42.654	4.5
66	MP3B	Mx	-.037	4.5
67	MP3C	X	-98.811	.5
68	MP3C	Z	57.049	.5
69	MP3C	Mx	-.067	.5
70	MP3C	X	-98.811	4.5
71	MP3C	Z	57.049	4.5
72	MP3C	Mx	-.067	4.5
73	MP2A	X	-31.362	1.5
74	MP2A	Z	18.107	1.5
75	MP2A	Mx	.026	1.5
76	MP2A	X	-31.362	3.5
77	MP2A	Z	18.107	3.5
78	MP2A	Mx	.026	3.5
79	MP2B	X	-31.362	1.5
80	MP2B	Z	18.107	1.5
81	MP2B	Mx	-.026	1.5
82	MP2B	X	-31.362	3.5
83	MP2B	Z	18.107	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP2B	Mx	-.026	3.5
85	MP2C	X	-57.691	1.5
86	MP2C	Z	33.308	1.5
87	MP2C	Mx	0	1.5
88	MP2C	X	-57.691	3.5
89	MP2C	Z	33.308	3.5
90	MP2C	Mx	0	3.5
91	O1	X	-69.45	1
92	O1	Z	40.097	1
93	O1	Mx	0	1
94	MP2A	X	-15.363	.5
95	MP2A	Z	8.87	.5
96	MP2A	Mx	-.004	.5
97	MP2B	X	-15.363	.5
98	MP2B	Z	8.87	.5
99	MP2B	Mx	.004	.5
100	MP2C	X	-24.549	.5
101	MP2C	Z	14.174	.5
102	MP2C	Mx	0	.5
103	MP3A	X	-34.492	2
104	MP3A	Z	19.914	2
105	MP3A	Mx	-.017	2
106	MP3B	X	-34.492	2
107	MP3B	Z	19.914	2
108	MP3B	Mx	.017	2
109	MP3C	X	-45.907	2
110	MP3C	Z	26.505	2
111	MP3C	Mx	0	2
112	MP4A	X	-32.42	2
113	MP4A	Z	18.718	2
114	MP4A	Mx	-.016	2
115	MP4B	X	-32.42	2
116	MP4B	Z	18.718	2
117	MP4B	Mx	.016	2
118	MP4C	X	-45.907	2
119	MP4C	Z	26.505	2
120	MP4C	Mx	0	2
121	O2	X	-69.45	1
122	O2	Z	40.097	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-132.433	.5
2	MP1B	Z	0	.5
3	MP1B	Mx	-.083	.5
4	MP1B	X	-132.433	4.5
5	MP1B	Z	0	4.5
6	MP1B	Mx	-.083	4.5
7	MP1C	X	-132.433	.5
8	MP1C	Z	0	.5
9	MP1C	Mx	-.083	.5
10	MP1C	X	-132.433	4.5
11	MP1C	Z	0	4.5
12	MP1C	Mx	-.083	4.5
13	MP4B	X	-132.433	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP4B	Z	0	.5
15	MP4B	Mx	-.083	.5
16	MP4B	X	-132.433	4.5
17	MP4B	Z	0	4.5
18	MP4B	Mx	-.083	4.5
19	MP4C	X	-132.433	.5
20	MP4C	Z	0	.5
21	MP4C	Mx	-.083	.5
22	MP4C	X	-132.433	4.5
23	MP4C	Z	0	4.5
24	MP4C	Mx	-.083	4.5
25	MP1A	X	-122.295	.5
26	MP1A	Z	0	.5
27	MP1A	Mx	.153	.5
28	MP1A	X	-122.295	4.5
29	MP1A	Z	0	4.5
30	MP1A	Mx	.153	4.5
31	MP4A	X	-122.295	.5
32	MP4A	Z	0	.5
33	MP4A	Mx	.153	.5
34	MP4A	X	-122.295	4.5
35	MP4A	Z	0	4.5
36	MP4A	Mx	.153	4.5
37	MP3A	X	-75.711	.5
38	MP3A	Z	0	.5
39	MP3A	Mx	.063	.5
40	MP3A	X	-75.711	4.5
41	MP3A	Z	0	4.5
42	MP3A	Mx	.063	4.5
43	MP3B	X	-104.82	.5
44	MP3B	Z	0	.5
45	MP3B	Mx	-.097	.5
46	MP3B	X	-104.82	4.5
47	MP3B	Z	0	4.5
48	MP3B	Mx	-.097	4.5
49	MP3C	X	-104.82	.5
50	MP3C	Z	0	.5
51	MP3C	Mx	.009	.5
52	MP3C	X	-104.82	4.5
53	MP3C	Z	0	4.5
54	MP3C	Mx	.009	4.5
55	MP3A	X	-75.711	.5
56	MP3A	Z	0	.5
57	MP3A	Mx	.063	.5
58	MP3A	X	-75.711	4.5
59	MP3A	Z	0	4.5
60	MP3A	Mx	.063	4.5
61	MP3B	X	-104.501	.5
62	MP3B	Z	0	.5
63	MP3B	Mx	.009	.5
64	MP3B	X	-104.501	4.5
65	MP3B	Z	0	4.5
66	MP3B	Mx	.009	4.5
67	MP3C	X	-104.501	.5
68	MP3C	Z	0	.5
69	MP3C	Mx	-.096	.5
70	MP3C	X	-104.501	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3C	Z	0	4.5
72	MP3C	Mx	-.096	4.5
73	MP2A	X	-26.08	1.5
74	MP2A	Z	0	1.5
75	MP2A	Mx	.022	1.5
76	MP2A	X	-26.08	3.5
77	MP2A	Z	0	3.5
78	MP2A	Mx	.022	3.5
79	MP2B	X	-56.482	1.5
80	MP2B	Z	0	1.5
81	MP2B	Mx	-.024	1.5
82	MP2B	X	-56.482	3.5
83	MP2B	Z	0	3.5
84	MP2B	Mx	-.024	3.5
85	MP2C	X	-56.482	1.5
86	MP2C	Z	0	1.5
87	MP2C	Mx	-.024	1.5
88	MP2C	X	-56.482	3.5
89	MP2C	Z	0	3.5
90	MP2C	Mx	-.024	3.5
91	O1	X	-71.114	1
92	O1	Z	0	1
93	O1	Mx	0	1
94	MP2A	X	-14.204	.5
95	MP2A	Z	0	.5
96	MP2A	Mx	-.004	.5
97	MP2B	X	-24.811	.5
98	MP2B	Z	0	.5
99	MP2B	Mx	.003	.5
100	MP2C	X	-24.811	.5
101	MP2C	Z	0	.5
102	MP2C	Mx	.003	.5
103	MP3A	X	-35.434	2
104	MP3A	Z	0	2
105	MP3A	Mx	-.018	2
106	MP3B	X	-48.615	2
107	MP3B	Z	0	2
108	MP3B	Mx	.012	2
109	MP3C	X	-48.615	2
110	MP3C	Z	0	2
111	MP3C	Mx	.012	2
112	MP4A	X	-32.245	2
113	MP4A	Z	0	2
114	MP4A	Mx	-.016	2
115	MP4B	X	-47.818	2
116	MP4B	Z	0	2
117	MP4B	Mx	.012	2
118	MP4C	X	-47.818	2
119	MP4C	Z	0	2
120	MP4C	Mx	.012	2
121	O2	X	-71.114	1
122	O2	Z	0	1
123	O2	Mx	0	1

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-117.837	.5
2	MP1B	Z	-68.033	.5
3	MP1B	Mx	0	.5
4	MP1B	X	-117.837	4.5
5	MP1B	Z	-68.033	4.5
6	MP1B	Mx	0	4.5
7	MP1C	X	-108.398	.5
8	MP1C	Z	-62.584	.5
9	MP1C	Mx	-.135	.5
10	MP1C	X	-108.398	4.5
11	MP1C	Z	-62.584	4.5
12	MP1C	Mx	-.135	4.5
13	MP4B	X	-117.837	.5
14	MP4B	Z	-68.033	.5
15	MP4B	Mx	0	.5
16	MP4B	X	-117.837	4.5
17	MP4B	Z	-68.033	4.5
18	MP4B	Mx	0	4.5
19	MP4C	X	-108.398	.5
20	MP4C	Z	-62.584	.5
21	MP4C	Mx	-.135	.5
22	MP4C	X	-108.398	4.5
23	MP4C	Z	-62.584	4.5
24	MP4C	Mx	-.135	4.5
25	MP1A	X	-92.72	.5
26	MP1A	Z	-53.532	.5
27	MP1A	Mx	.116	.5
28	MP1A	X	-92.72	4.5
29	MP1A	Z	-53.532	4.5
30	MP1A	Mx	.116	4.5
31	MP4A	X	-92.72	.5
32	MP4A	Z	-53.532	.5
33	MP4A	Mx	.116	.5
34	MP4A	X	-92.72	4.5
35	MP4A	Z	-53.532	4.5
36	MP4A	Mx	.116	4.5
37	MP3A	X	-73.97	.5
38	MP3A	Z	-42.707	.5
39	MP3A	Mx	.087	.5
40	MP3A	X	-73.97	4.5
41	MP3A	Z	-42.707	4.5
42	MP3A	Mx	.087	4.5
43	MP3B	X	-99.179	.5
44	MP3B	Z	-57.261	.5
45	MP3B	Mx	-.067	.5
46	MP3B	X	-99.179	4.5
47	MP3B	Z	-57.261	4.5
48	MP3B	Mx	-.067	4.5
49	MP3C	X	-73.97	.5
50	MP3C	Z	-42.707	.5
51	MP3C	Mx	-.037	.5
52	MP3C	X	-73.97	4.5
53	MP3C	Z	-42.707	4.5
54	MP3C	Mx	-.037	4.5
55	MP3A	X	-73.878	.5
56	MP3A	Z	-42.654	.5
57	MP3A	Mx	.037	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-73.878	4.5
59	MP3A	Z	-42.654	4.5
60	MP3A	Mx	.037	4.5
61	MP3B	X	-98.811	.5
62	MP3B	Z	-57.049	.5
63	MP3B	Mx	.067	.5
64	MP3B	X	-98.811	4.5
65	MP3B	Z	-57.049	4.5
66	MP3B	Mx	.067	4.5
67	MP3C	X	-73.878	.5
68	MP3C	Z	-42.654	.5
69	MP3C	Mx	-.086	.5
70	MP3C	X	-73.878	4.5
71	MP3C	Z	-42.654	4.5
72	MP3C	Mx	-.086	4.5
73	MP2A	X	-31.362	1.5
74	MP2A	Z	-18.107	1.5
75	MP2A	Mx	.026	1.5
76	MP2A	X	-31.362	3.5
77	MP2A	Z	-18.107	3.5
78	MP2A	Mx	.026	3.5
79	MP2B	X	-57.691	1.5
80	MP2B	Z	-33.308	1.5
81	MP2B	Mx	0	1.5
82	MP2B	X	-57.691	3.5
83	MP2B	Z	-33.308	3.5
84	MP2B	Mx	0	3.5
85	MP2C	X	-31.362	1.5
86	MP2C	Z	-18.107	1.5
87	MP2C	Mx	-.026	1.5
88	MP2C	X	-31.362	3.5
89	MP2C	Z	-18.107	3.5
90	MP2C	Mx	-.026	3.5
91	O1	X	-69.45	1
92	O1	Z	-40.097	1
93	O1	Mx	0	1
94	MP2A	X	-15.363	.5
95	MP2A	Z	-8.87	.5
96	MP2A	Mx	-.004	.5
97	MP2B	X	-24.549	.5
98	MP2B	Z	-14.174	.5
99	MP2B	Mx	0	.5
100	MP2C	X	-15.363	.5
101	MP2C	Z	-8.87	.5
102	MP2C	Mx	.004	.5
103	MP3A	X	-34.492	2
104	MP3A	Z	-19.914	2
105	MP3A	Mx	-.017	2
106	MP3B	X	-45.907	2
107	MP3B	Z	-26.505	2
108	MP3B	Mx	0	2
109	MP3C	X	-34.492	2
110	MP3C	Z	-19.914	2
111	MP3C	Mx	.017	2
112	MP4A	X	-32.42	2
113	MP4A	Z	-18.718	2
114	MP4A	Mx	-.016	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4B	X	-45.907	2
116	MP4B	Z	-26.505	2
117	MP4B	Mx	0	2
118	MP4C	X	-32.42	2
119	MP4C	Z	-18.718	2
120	MP4C	Mx	.016	2
121	O2	X	-69.45	1
122	O2	Z	-40.097	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-66.217	.5
2	MP1B	Z	-114.691	.5
3	MP1B	Mx	.083	.5
4	MP1B	X	-66.217	4.5
5	MP1B	Z	-114.691	4.5
6	MP1B	Mx	.083	4.5
7	MP1C	X	-60.767	.5
8	MP1C	Z	-105.252	.5
9	MP1C	Mx	-.152	.5
10	MP1C	X	-60.767	4.5
11	MP1C	Z	-105.252	4.5
12	MP1C	Mx	-.152	4.5
13	MP4B	X	-66.217	.5
14	MP4B	Z	-114.691	.5
15	MP4B	Mx	.083	.5
16	MP4B	X	-66.217	4.5
17	MP4B	Z	-114.691	4.5
18	MP4B	Mx	.083	4.5
19	MP4C	X	-60.767	.5
20	MP4C	Z	-105.252	.5
21	MP4C	Mx	-.152	.5
22	MP4C	X	-60.767	4.5
23	MP4C	Z	-105.252	4.5
24	MP4C	Mx	-.152	4.5
25	MP1A	X	-38.301	.5
26	MP1A	Z	-66.34	.5
27	MP1A	Mx	.048	.5
28	MP1A	X	-38.301	4.5
29	MP1A	Z	-66.34	4.5
30	MP1A	Mx	.048	4.5
31	MP4A	X	-38.301	.5
32	MP4A	Z	-66.34	.5
33	MP4A	Mx	.048	.5
34	MP4A	X	-38.301	4.5
35	MP4A	Z	-66.34	4.5
36	MP4A	Mx	.048	4.5
37	MP3A	X	-52.41	.5
38	MP3A	Z	-90.776	.5
39	MP3A	Mx	.097	.5
40	MP3A	X	-52.41	4.5
41	MP3A	Z	-90.776	4.5
42	MP3A	Mx	.097	4.5
43	MP3B	X	-52.41	.5
44	MP3B	Z	-90.776	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	-.009	.5
46	MP3B	X	-52.41	4.5
47	MP3B	Z	-90.776	4.5
48	MP3B	Mx	-.009	4.5
49	MP3C	X	-37.855	.5
50	MP3C	Z	-65.567	.5
51	MP3C	Mx	-.063	.5
52	MP3C	X	-37.855	4.5
53	MP3C	Z	-65.567	4.5
54	MP3C	Mx	-.063	4.5
55	MP3A	X	-52.25	.5
56	MP3A	Z	-90.5	.5
57	MP3A	Mx	-.009	.5
58	MP3A	X	-52.25	4.5
59	MP3A	Z	-90.5	4.5
60	MP3A	Mx	-.009	4.5
61	MP3B	X	-52.25	.5
62	MP3B	Z	-90.5	.5
63	MP3B	Mx	.096	.5
64	MP3B	X	-52.25	4.5
65	MP3B	Z	-90.5	4.5
66	MP3B	Mx	.096	4.5
67	MP3C	X	-37.855	.5
68	MP3C	Z	-65.567	.5
69	MP3C	Mx	-.063	.5
70	MP3C	X	-37.855	4.5
71	MP3C	Z	-65.567	4.5
72	MP3C	Mx	-.063	4.5
73	MP2A	X	-28.241	1.5
74	MP2A	Z	-48.915	1.5
75	MP2A	Mx	.024	1.5
76	MP2A	X	-28.241	3.5
77	MP2A	Z	-48.915	3.5
78	MP2A	Mx	.024	3.5
79	MP2B	X	-28.241	1.5
80	MP2B	Z	-48.915	1.5
81	MP2B	Mx	.024	1.5
82	MP2B	X	-28.241	3.5
83	MP2B	Z	-48.915	3.5
84	MP2B	Mx	.024	3.5
85	MP2C	X	-13.04	1.5
86	MP2C	Z	-22.586	1.5
87	MP2C	Mx	-.022	1.5
88	MP2C	X	-13.04	3.5
89	MP2C	Z	-22.586	3.5
90	MP2C	Mx	-.022	3.5
91	O1	X	-49.178	1
92	O1	Z	-85.178	1
93	O1	Mx	0	1
94	MP2A	X	-12.406	.5
95	MP2A	Z	-21.487	.5
96	MP2A	Mx	-.003	.5
97	MP2B	X	-12.406	.5
98	MP2B	Z	-21.487	.5
99	MP2B	Mx	-.003	.5
100	MP2C	X	-7.102	.5
101	MP2C	Z	-12.301	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP2C	Mx	.004	.5
103	MP3A	X	-24.308	2
104	MP3A	Z	-42.102	2
105	MP3A	Mx	-.012	2
106	MP3B	X	-24.308	2
107	MP3B	Z	-42.102	2
108	MP3B	Mx	-.012	2
109	MP3C	X	-17.717	2
110	MP3C	Z	-30.687	2
111	MP3C	Mx	.018	2
112	MP4A	X	-23.909	2
113	MP4A	Z	-41.412	2
114	MP4A	Mx	-.012	2
115	MP4B	X	-23.909	2
116	MP4B	Z	-41.412	2
117	MP4B	Mx	-.012	2
118	MP4C	X	-16.122	2
119	MP4C	Z	-27.925	2
120	MP4C	Mx	.016	2
121	O2	X	-49.178	1
122	O2	Z	-85.178	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	.5
2	MP1B	Z	-27.085	.5
3	MP1B	Mx	.029	.5
4	MP1B	X	0	4.5
5	MP1B	Z	-27.085	4.5
6	MP1B	Mx	.029	4.5
7	MP1C	X	0	.5
8	MP1C	Z	-27.085	.5
9	MP1C	Mx	-.029	.5
10	MP1C	X	0	4.5
11	MP1C	Z	-27.085	4.5
12	MP1C	Mx	-.029	4.5
13	MP4B	X	0	.5
14	MP4B	Z	-27.085	.5
15	MP4B	Mx	.029	.5
16	MP4B	X	0	4.5
17	MP4B	Z	-27.085	4.5
18	MP4B	Mx	.029	4.5
19	MP4C	X	0	.5
20	MP4C	Z	-27.085	.5
21	MP4C	Mx	-.029	.5
22	MP4C	X	0	4.5
23	MP4C	Z	-27.085	4.5
24	MP4C	Mx	-.029	4.5
25	MP1A	X	0	.5
26	MP1A	Z	-14.655	.5
27	MP1A	Mx	0	.5
28	MP1A	X	0	4.5
29	MP1A	Z	-14.655	4.5
30	MP1A	Mx	0	4.5
31	MP4A	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP4A	Z	-14.655	.5
33	MP4A	Mx	0	.5
34	MP4A	X	0	4.5
35	MP4A	Z	-14.655	4.5
36	MP4A	Mx	0	4.5
37	MP3A	X	0	.5
38	MP3A	Z	-24.994	.5
39	MP3A	Mx	.015	.5
40	MP3A	X	0	4.5
41	MP3A	Z	-24.994	4.5
42	MP3A	Mx	.015	4.5
43	MP3B	X	0	.5
44	MP3B	Z	-19.411	.5
45	MP3B	Mx	.008	.5
46	MP3B	X	0	4.5
47	MP3B	Z	-19.411	4.5
48	MP3B	Mx	.008	4.5
49	MP3C	X	0	.5
50	MP3C	Z	-19.411	.5
51	MP3C	Mx	-.02	.5
52	MP3C	X	0	4.5
53	MP3C	Z	-19.411	4.5
54	MP3C	Mx	-.02	4.5
55	MP3A	X	0	.5
56	MP3A	Z	-24.994	.5
57	MP3A	Mx	-.015	.5
58	MP3A	X	0	4.5
59	MP3A	Z	-24.994	4.5
60	MP3A	Mx	-.015	4.5
61	MP3B	X	0	.5
62	MP3B	Z	-19.411	.5
63	MP3B	Mx	.02	.5
64	MP3B	X	0	4.5
65	MP3B	Z	-19.411	4.5
66	MP3B	Mx	.02	4.5
67	MP3C	X	0	.5
68	MP3C	Z	-19.411	.5
69	MP3C	Mx	-.008	.5
70	MP3C	X	0	4.5
71	MP3C	Z	-19.411	4.5
72	MP3C	Mx	-.008	4.5
73	MP2A	X	0	1.5
74	MP2A	Z	-15.021	1.5
75	MP2A	Mx	0	1.5
76	MP2A	X	0	3.5
77	MP2A	Z	-15.021	3.5
78	MP2A	Mx	0	3.5
79	MP2B	X	0	1.5
80	MP2B	Z	-8.744	1.5
81	MP2B	Mx	.006	1.5
82	MP2B	X	0	3.5
83	MP2B	Z	-8.744	3.5
84	MP2B	Mx	.006	3.5
85	MP2C	X	0	1.5
86	MP2C	Z	-8.744	1.5
87	MP2C	Mx	-.006	1.5
88	MP2C	X	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2C	Z	-8.744	3.5
90	MP2C	Mx	-.006	3.5
91	O1	X	0	1
92	O1	Z	-24.487	1
93	O1	Mx	0	1
94	MP2A	X	0	.5
95	MP2A	Z	-7.617	.5
96	MP2A	Mx	0	.5
97	MP2B	X	0	.5
98	MP2B	Z	-5.278	.5
99	MP2B	Mx	-.001	.5
100	MP2C	X	0	.5
101	MP2C	Z	-5.278	.5
102	MP2C	Mx	.001	.5
103	MP3A	X	0	2
104	MP3A	Z	-12.987	2
105	MP3A	Mx	0	2
106	MP3B	X	0	2
107	MP3B	Z	-10.145	2
108	MP3B	Mx	-.004	2
109	MP3C	X	0	2
110	MP3C	Z	-10.145	2
111	MP3C	Mx	.004	2
112	MP4A	X	0	2
113	MP4A	Z	-12.987	2
114	MP4A	Mx	0	2
115	MP4B	X	0	2
116	MP4B	Z	-9.633	2
117	MP4B	Mx	-.004	2
118	MP4C	X	0	2
119	MP4C	Z	-9.633	2
120	MP4C	Mx	.004	2
121	O2	X	0	1
122	O2	Z	-24.487	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	13.186	.5
2	MP1B	Z	-22.839	.5
3	MP1B	Mx	.033	.5
4	MP1B	X	13.186	4.5
5	MP1B	Z	-22.839	4.5
6	MP1B	Mx	.033	4.5
7	MP1C	X	14.256	.5
8	MP1C	Z	-24.692	.5
9	MP1C	Mx	-.018	.5
10	MP1C	X	14.256	4.5
11	MP1C	Z	-24.692	4.5
12	MP1C	Mx	-.018	4.5
13	MP4B	X	13.186	.5
14	MP4B	Z	-22.839	.5
15	MP4B	Mx	.033	.5
16	MP4B	X	13.186	4.5
17	MP4B	Z	-22.839	4.5
18	MP4B	Mx	.033	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP4C	X	14.256	.5
20	MP4C	Z	-24.692	.5
21	MP4C	Mx	-.018	.5
22	MP4C	X	14.256	4.5
23	MP4C	Z	-24.692	4.5
24	MP4C	Mx	-.018	4.5
25	MP1A	X	8.811	.5
26	MP1A	Z	-15.261	.5
27	MP1A	Mx	-.011	.5
28	MP1A	X	8.811	4.5
29	MP1A	Z	-15.261	4.5
30	MP1A	Mx	-.011	4.5
31	MP4A	X	8.811	.5
32	MP4A	Z	-15.261	.5
33	MP4A	Mx	-.011	.5
34	MP4A	X	8.811	4.5
35	MP4A	Z	-15.261	4.5
36	MP4A	Mx	-.011	4.5
37	MP3A	X	11.567	.5
38	MP3A	Z	-20.034	.5
39	MP3A	Mx	.002	.5
40	MP3A	X	11.567	4.5
41	MP3A	Z	-20.034	4.5
42	MP3A	Mx	.002	4.5
43	MP3B	X	8.775	.5
44	MP3B	Z	-15.199	.5
45	MP3B	Mx	.015	.5
46	MP3B	X	8.775	4.5
47	MP3B	Z	-15.199	4.5
48	MP3B	Mx	.015	4.5
49	MP3C	X	11.567	.5
50	MP3C	Z	-20.034	.5
51	MP3C	Mx	-.021	.5
52	MP3C	X	11.567	4.5
53	MP3C	Z	-20.034	4.5
54	MP3C	Mx	-.021	4.5
55	MP3A	X	11.567	.5
56	MP3A	Z	-20.034	.5
57	MP3A	Mx	-.021	.5
58	MP3A	X	11.567	4.5
59	MP3A	Z	-20.034	4.5
60	MP3A	Mx	-.021	4.5
61	MP3B	X	8.775	.5
62	MP3B	Z	-15.199	.5
63	MP3B	Mx	.015	.5
64	MP3B	X	8.775	4.5
65	MP3B	Z	-15.199	4.5
66	MP3B	Mx	.015	4.5
67	MP3C	X	11.567	.5
68	MP3C	Z	-20.034	.5
69	MP3C	Mx	.002	.5
70	MP3C	X	11.567	4.5
71	MP3C	Z	-20.034	4.5
72	MP3C	Mx	.002	4.5
73	MP2A	X	6.464	1.5
74	MP2A	Z	-11.197	1.5
75	MP2A	Mx	-.005	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP2A	X	6.464	3.5
77	MP2A	Z	-11.197	3.5
78	MP2A	Mx	-.005	3.5
79	MP2B	X	3.326	1.5
80	MP2B	Z	-5.761	1.5
81	MP2B	Mx	.006	1.5
82	MP2B	X	3.326	3.5
83	MP2B	Z	-5.761	3.5
84	MP2B	Mx	.006	3.5
85	MP2C	X	6.464	1.5
86	MP2C	Z	-11.197	1.5
87	MP2C	Mx	-.005	1.5
88	MP2C	X	6.464	3.5
89	MP2C	Z	-11.197	3.5
90	MP2C	Mx	-.005	3.5
91	O1	X	11.313	1
92	O1	Z	-19.594	1
93	O1	Mx	0	1
94	MP2A	X	3.419	.5
95	MP2A	Z	-5.922	.5
96	MP2A	Mx	.000855	.5
97	MP2B	X	2.249	.5
98	MP2B	Z	-3.896	.5
99	MP2B	Mx	-.001	.5
100	MP2C	X	3.419	.5
101	MP2C	Z	-5.922	.5
102	MP2C	Mx	.000855	.5
103	MP3A	X	6.02	2
104	MP3A	Z	-10.427	2
105	MP3A	Mx	.003	2
106	MP3B	X	4.599	2
107	MP3B	Z	-7.965	2
108	MP3B	Mx	-.005	2
109	MP3C	X	6.02	2
110	MP3C	Z	-10.427	2
111	MP3C	Mx	.003	2
112	MP4A	X	5.935	2
113	MP4A	Z	-10.279	2
114	MP4A	Mx	.003	2
115	MP4B	X	4.258	2
116	MP4B	Z	-7.375	2
117	MP4B	Mx	-.004	2
118	MP4C	X	5.935	2
119	MP4C	Z	-10.279	2
120	MP4C	Mx	.003	2
121	O2	X	11.313	1
122	O2	Z	-19.594	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	23.456	.5
2	MP1B	Z	-13.543	.5
3	MP1B	Mx	.029	.5
4	MP1B	X	23.456	4.5
5	MP1B	Z	-13.543	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1B	Mx	.029	4.5
7	MP1C	X	25.309	.5
8	MP1C	Z	-14.612	.5
9	MP1C	Mx	0	.5
10	MP1C	X	25.309	4.5
11	MP1C	Z	-14.612	4.5
12	MP1C	Mx	0	4.5
13	MP4B	X	23.456	.5
14	MP4B	Z	-13.543	.5
15	MP4B	Mx	.029	.5
16	MP4B	X	23.456	4.5
17	MP4B	Z	-13.543	4.5
18	MP4B	Mx	.029	4.5
19	MP4C	X	25.309	.5
20	MP4C	Z	-14.612	.5
21	MP4C	Mx	0	.5
22	MP4C	X	25.309	4.5
23	MP4C	Z	-14.612	4.5
24	MP4C	Mx	0	4.5
25	MP1A	X	20.4	.5
26	MP1A	Z	-11.778	.5
27	MP1A	Mx	-.025	.5
28	MP1A	X	20.4	4.5
29	MP1A	Z	-11.778	4.5
30	MP1A	Mx	-.025	4.5
31	MP4A	X	20.4	.5
32	MP4A	Z	-11.778	.5
33	MP4A	Mx	-.025	.5
34	MP4A	X	20.4	4.5
35	MP4A	Z	-11.778	4.5
36	MP4A	Mx	-.025	4.5
37	MP3A	X	16.81	.5
38	MP3A	Z	-9.706	.5
39	MP3A	Mx	-.008	.5
40	MP3A	X	16.81	4.5
41	MP3A	Z	-9.706	4.5
42	MP3A	Mx	-.008	4.5
43	MP3B	X	16.81	.5
44	MP3B	Z	-9.706	.5
45	MP3B	Mx	.02	.5
46	MP3B	X	16.81	4.5
47	MP3B	Z	-9.706	4.5
48	MP3B	Mx	.02	4.5
49	MP3C	X	21.646	.5
50	MP3C	Z	-12.497	.5
51	MP3C	Mx	-.015	.5
52	MP3C	X	21.646	4.5
53	MP3C	Z	-12.497	4.5
54	MP3C	Mx	-.015	4.5
55	MP3A	X	16.81	.5
56	MP3A	Z	-9.706	.5
57	MP3A	Mx	-.02	.5
58	MP3A	X	16.81	4.5
59	MP3A	Z	-9.706	4.5
60	MP3A	Mx	-.02	4.5
61	MP3B	X	16.81	.5
62	MP3B	Z	-9.706	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3B	Mx	.008	.5
64	MP3B	X	16.81	4.5
65	MP3B	Z	-9.706	4.5
66	MP3B	Mx	.008	4.5
67	MP3C	X	21.646	.5
68	MP3C	Z	-12.497	.5
69	MP3C	Mx	.015	.5
70	MP3C	X	21.646	4.5
71	MP3C	Z	-12.497	4.5
72	MP3C	Mx	.015	4.5
73	MP2A	X	7.573	1.5
74	MP2A	Z	-4.372	1.5
75	MP2A	Mx	-.006	1.5
76	MP2A	X	7.573	3.5
77	MP2A	Z	-4.372	3.5
78	MP2A	Mx	-.006	3.5
79	MP2B	X	7.573	1.5
80	MP2B	Z	-4.372	1.5
81	MP2B	Mx	.006	1.5
82	MP2B	X	7.573	3.5
83	MP2B	Z	-4.372	3.5
84	MP2B	Mx	.006	3.5
85	MP2C	X	13.008	1.5
86	MP2C	Z	-7.51	1.5
87	MP2C	Mx	0	1.5
88	MP2C	X	13.008	3.5
89	MP2C	Z	-7.51	3.5
90	MP2C	Mx	0	3.5
91	O1	X	16.371	1
92	O1	Z	-9.452	1
93	O1	Mx	0	1
94	MP2A	X	4.571	.5
95	MP2A	Z	-2.639	.5
96	MP2A	Mx	.001	.5
97	MP2B	X	4.571	.5
98	MP2B	Z	-2.639	.5
99	MP2B	Mx	-.001	.5
100	MP2C	X	6.597	.5
101	MP2C	Z	-3.809	.5
102	MP2C	Mx	0	.5
103	MP3A	X	8.786	2
104	MP3A	Z	-5.072	2
105	MP3A	Mx	.004	2
106	MP3B	X	8.786	2
107	MP3B	Z	-5.072	2
108	MP3B	Mx	-.004	2
109	MP3C	X	11.247	2
110	MP3C	Z	-6.494	2
111	MP3C	Mx	0	2
112	MP4A	X	8.343	2
113	MP4A	Z	-4.817	2
114	MP4A	Mx	.004	2
115	MP4B	X	8.343	2
116	MP4B	Z	-4.817	2
117	MP4B	Mx	-.004	2
118	MP4C	X	11.247	2
119	MP4C	Z	-6.494	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
120	MP4C	Mx	0	2
121	O2	X	16.371	1
122	O2	Z	-9.452	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	28.511	.5
2	MP1B	Z	0	.5
3	MP1B	Mx	.018	.5
4	MP1B	X	28.511	4.5
5	MP1B	Z	0	4.5
6	MP1B	Mx	.018	4.5
7	MP1C	X	28.511	.5
8	MP1C	Z	0	.5
9	MP1C	Mx	.018	.5
10	MP1C	X	28.511	4.5
11	MP1C	Z	0	4.5
12	MP1C	Mx	.018	4.5
13	MP4B	X	28.511	.5
14	MP4B	Z	0	.5
15	MP4B	Mx	.018	.5
16	MP4B	X	28.511	4.5
17	MP4B	Z	0	4.5
18	MP4B	Mx	.018	4.5
19	MP4C	X	28.511	.5
20	MP4C	Z	0	.5
21	MP4C	Mx	.018	.5
22	MP4C	X	28.511	4.5
23	MP4C	Z	0	4.5
24	MP4C	Mx	.018	4.5
25	MP1A	X	26.522	.5
26	MP1A	Z	0	.5
27	MP1A	Mx	-.033	.5
28	MP1A	X	26.522	4.5
29	MP1A	Z	0	4.5
30	MP1A	Mx	-.033	4.5
31	MP4A	X	26.522	.5
32	MP4A	Z	0	.5
33	MP4A	Mx	-.033	.5
34	MP4A	X	26.522	4.5
35	MP4A	Z	0	4.5
36	MP4A	Mx	-.033	4.5
37	MP3A	X	17.55	.5
38	MP3A	Z	0	.5
39	MP3A	Mx	-.015	.5
40	MP3A	X	17.55	4.5
41	MP3A	Z	0	4.5
42	MP3A	Mx	-.015	4.5
43	MP3B	X	23.133	.5
44	MP3B	Z	0	.5
45	MP3B	Mx	.021	.5
46	MP3B	X	23.133	4.5
47	MP3B	Z	0	4.5
48	MP3B	Mx	.021	4.5
49	MP3C	X	23.133	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3C	Z	0	.5
51	MP3C	Mx	-.002	.5
52	MP3C	X	23.133	4.5
53	MP3C	Z	0	4.5
54	MP3C	Mx	-.002	4.5
55	MP3A	X	17.55	.5
56	MP3A	Z	0	.5
57	MP3A	Mx	-.015	.5
58	MP3A	X	17.55	4.5
59	MP3A	Z	0	4.5
60	MP3A	Mx	-.015	4.5
61	MP3B	X	23.133	.5
62	MP3B	Z	0	.5
63	MP3B	Mx	-.002	.5
64	MP3B	X	23.133	4.5
65	MP3B	Z	0	4.5
66	MP3B	Mx	-.002	4.5
67	MP3C	X	23.133	.5
68	MP3C	Z	0	.5
69	MP3C	Mx	.021	.5
70	MP3C	X	23.133	4.5
71	MP3C	Z	0	4.5
72	MP3C	Mx	.021	4.5
73	MP2A	X	6.652	1.5
74	MP2A	Z	0	1.5
75	MP2A	Mx	-.006	1.5
76	MP2A	X	6.652	3.5
77	MP2A	Z	0	3.5
78	MP2A	Mx	-.006	3.5
79	MP2B	X	12.929	1.5
80	MP2B	Z	0	1.5
81	MP2B	Mx	.005	1.5
82	MP2B	X	12.929	3.5
83	MP2B	Z	0	3.5
84	MP2B	Mx	.005	3.5
85	MP2C	X	12.929	1.5
86	MP2C	Z	0	1.5
87	MP2C	Mx	.005	1.5
88	MP2C	X	12.929	3.5
89	MP2C	Z	0	3.5
90	MP2C	Mx	.005	3.5
91	O1	X	17.042	1
92	O1	Z	0	1
93	O1	Mx	0	1
94	MP2A	X	4.499	.5
95	MP2A	Z	0	.5
96	MP2A	Mx	.001	.5
97	MP2B	X	6.838	.5
98	MP2B	Z	0	.5
99	MP2B	Mx	-.000855	.5
100	MP2C	X	6.838	.5
101	MP2C	Z	0	.5
102	MP2C	Mx	-.000855	.5
103	MP3A	X	9.198	2
104	MP3A	Z	0	2
105	MP3A	Mx	.005	2
106	MP3B	X	12.04	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
107	MP3B	Z	0	2
108	MP3B	Mx	-.003	2
109	MP3C	X	12.04	2
110	MP3C	Z	0	2
111	MP3C	Mx	-.003	2
112	MP4A	X	8.516	2
113	MP4A	Z	0	2
114	MP4A	Mx	.004	2
115	MP4B	X	11.869	2
116	MP4B	Z	0	2
117	MP4B	Mx	-.003	2
118	MP4C	X	11.869	2
119	MP4C	Z	0	2
120	MP4C	Mx	-.003	2
121	O2	X	17.042	1
122	O2	Z	0	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	25.309	.5
2	MP1B	Z	14.612	.5
3	MP1B	Mx	0	.5
4	MP1B	X	25.309	4.5
5	MP1B	Z	14.612	4.5
6	MP1B	Mx	0	4.5
7	MP1C	X	23.456	.5
8	MP1C	Z	13.543	.5
9	MP1C	Mx	.029	.5
10	MP1C	X	23.456	4.5
11	MP1C	Z	13.543	4.5
12	MP1C	Mx	.029	4.5
13	MP4B	X	25.309	.5
14	MP4B	Z	14.612	.5
15	MP4B	Mx	0	.5
16	MP4B	X	25.309	4.5
17	MP4B	Z	14.612	4.5
18	MP4B	Mx	0	4.5
19	MP4C	X	23.456	.5
20	MP4C	Z	13.543	.5
21	MP4C	Mx	.029	.5
22	MP4C	X	23.456	4.5
23	MP4C	Z	13.543	4.5
24	MP4C	Mx	.029	4.5
25	MP1A	X	20.4	.5
26	MP1A	Z	11.778	.5
27	MP1A	Mx	-.025	.5
28	MP1A	X	20.4	4.5
29	MP1A	Z	11.778	4.5
30	MP1A	Mx	-.025	4.5
31	MP4A	X	20.4	.5
32	MP4A	Z	11.778	.5
33	MP4A	Mx	-.025	.5
34	MP4A	X	20.4	4.5
35	MP4A	Z	11.778	4.5
36	MP4A	Mx	-.025	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	16.81	.5
38	MP3A	Z	9.706	.5
39	MP3A	Mx	-.02	.5
40	MP3A	X	16.81	4.5
41	MP3A	Z	9.706	4.5
42	MP3A	Mx	-.02	4.5
43	MP3B	X	21.646	.5
44	MP3B	Z	12.497	.5
45	MP3B	Mx	.015	.5
46	MP3B	X	21.646	4.5
47	MP3B	Z	12.497	4.5
48	MP3B	Mx	.015	4.5
49	MP3C	X	16.81	.5
50	MP3C	Z	9.706	.5
51	MP3C	Mx	.008	.5
52	MP3C	X	16.81	4.5
53	MP3C	Z	9.706	4.5
54	MP3C	Mx	.008	4.5
55	MP3A	X	16.81	.5
56	MP3A	Z	9.706	.5
57	MP3A	Mx	-.008	.5
58	MP3A	X	16.81	4.5
59	MP3A	Z	9.706	4.5
60	MP3A	Mx	-.008	4.5
61	MP3B	X	21.646	.5
62	MP3B	Z	12.497	.5
63	MP3B	Mx	-.015	.5
64	MP3B	X	21.646	4.5
65	MP3B	Z	12.497	4.5
66	MP3B	Mx	-.015	4.5
67	MP3C	X	16.81	.5
68	MP3C	Z	9.706	.5
69	MP3C	Mx	.02	.5
70	MP3C	X	16.81	4.5
71	MP3C	Z	9.706	4.5
72	MP3C	Mx	.02	4.5
73	MP2A	X	7.573	1.5
74	MP2A	Z	4.372	1.5
75	MP2A	Mx	-.006	1.5
76	MP2A	X	7.573	3.5
77	MP2A	Z	4.372	3.5
78	MP2A	Mx	-.006	3.5
79	MP2B	X	13.008	1.5
80	MP2B	Z	7.51	1.5
81	MP2B	Mx	0	1.5
82	MP2B	X	13.008	3.5
83	MP2B	Z	7.51	3.5
84	MP2B	Mx	0	3.5
85	MP2C	X	7.573	1.5
86	MP2C	Z	4.372	1.5
87	MP2C	Mx	.006	1.5
88	MP2C	X	7.573	3.5
89	MP2C	Z	4.372	3.5
90	MP2C	Mx	.006	3.5
91	O1	X	16.371	1
92	O1	Z	9.452	1
93	O1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP2A	X	4.571	.5
95	MP2A	Z	2.639	.5
96	MP2A	Mx	.001	.5
97	MP2B	X	6.597	.5
98	MP2B	Z	3.809	.5
99	MP2B	Mx	0	.5
100	MP2C	X	4.571	.5
101	MP2C	Z	2.639	.5
102	MP2C	Mx	-.001	.5
103	MP3A	X	8.786	2
104	MP3A	Z	5.072	2
105	MP3A	Mx	.004	2
106	MP3B	X	11.247	2
107	MP3B	Z	6.494	2
108	MP3B	Mx	0	2
109	MP3C	X	8.786	2
110	MP3C	Z	5.072	2
111	MP3C	Mx	-.004	2
112	MP4A	X	8.343	2
113	MP4A	Z	4.817	2
114	MP4A	Mx	.004	2
115	MP4B	X	11.247	2
116	MP4B	Z	6.494	2
117	MP4B	Mx	0	2
118	MP4C	X	8.343	2
119	MP4C	Z	4.817	2
120	MP4C	Mx	-.004	2
121	O2	X	16.371	1
122	O2	Z	9.452	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	14.256	.5
2	MP1B	Z	24.692	.5
3	MP1B	Mx	-.018	.5
4	MP1B	X	14.256	4.5
5	MP1B	Z	24.692	4.5
6	MP1B	Mx	-.018	4.5
7	MP1C	X	13.186	.5
8	MP1C	Z	22.839	.5
9	MP1C	Mx	.033	.5
10	MP1C	X	13.186	4.5
11	MP1C	Z	22.839	4.5
12	MP1C	Mx	.033	4.5
13	MP4B	X	14.256	.5
14	MP4B	Z	24.692	.5
15	MP4B	Mx	-.018	.5
16	MP4B	X	14.256	4.5
17	MP4B	Z	24.692	4.5
18	MP4B	Mx	-.018	4.5
19	MP4C	X	13.186	.5
20	MP4C	Z	22.839	.5
21	MP4C	Mx	.033	.5
22	MP4C	X	13.186	4.5
23	MP4C	Z	22.839	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP4C	Mx	.033	4.5
25	MP1A	X	8.811	.5
26	MP1A	Z	15.261	.5
27	MP1A	Mx	-.011	.5
28	MP1A	X	8.811	4.5
29	MP1A	Z	15.261	4.5
30	MP1A	Mx	-.011	4.5
31	MP4A	X	8.811	.5
32	MP4A	Z	15.261	.5
33	MP4A	Mx	-.011	.5
34	MP4A	X	8.811	4.5
35	MP4A	Z	15.261	4.5
36	MP4A	Mx	-.011	4.5
37	MP3A	X	11.567	.5
38	MP3A	Z	20.034	.5
39	MP3A	Mx	-.021	.5
40	MP3A	X	11.567	4.5
41	MP3A	Z	20.034	4.5
42	MP3A	Mx	-.021	4.5
43	MP3B	X	11.567	.5
44	MP3B	Z	20.034	.5
45	MP3B	Mx	.002	.5
46	MP3B	X	11.567	4.5
47	MP3B	Z	20.034	4.5
48	MP3B	Mx	.002	4.5
49	MP3C	X	8.775	.5
50	MP3C	Z	15.199	.5
51	MP3C	Mx	.015	.5
52	MP3C	X	8.775	4.5
53	MP3C	Z	15.199	4.5
54	MP3C	Mx	.015	4.5
55	MP3A	X	11.567	.5
56	MP3A	Z	20.034	.5
57	MP3A	Mx	.002	.5
58	MP3A	X	11.567	4.5
59	MP3A	Z	20.034	4.5
60	MP3A	Mx	.002	4.5
61	MP3B	X	11.567	.5
62	MP3B	Z	20.034	.5
63	MP3B	Mx	-.021	.5
64	MP3B	X	11.567	4.5
65	MP3B	Z	20.034	4.5
66	MP3B	Mx	-.021	4.5
67	MP3C	X	8.775	.5
68	MP3C	Z	15.199	.5
69	MP3C	Mx	.015	.5
70	MP3C	X	8.775	4.5
71	MP3C	Z	15.199	4.5
72	MP3C	Mx	.015	4.5
73	MP2A	X	6.464	1.5
74	MP2A	Z	11.197	1.5
75	MP2A	Mx	-.005	1.5
76	MP2A	X	6.464	3.5
77	MP2A	Z	11.197	3.5
78	MP2A	Mx	-.005	3.5
79	MP2B	X	6.464	1.5
80	MP2B	Z	11.197	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP2B	Mx	-.005	1.5
82	MP2B	X	6.464	3.5
83	MP2B	Z	11.197	3.5
84	MP2B	Mx	-.005	3.5
85	MP2C	X	3.326	1.5
86	MP2C	Z	5.761	1.5
87	MP2C	Mx	.006	1.5
88	MP2C	X	3.326	3.5
89	MP2C	Z	5.761	3.5
90	MP2C	Mx	.006	3.5
91	O1	X	11.313	1
92	O1	Z	19.594	1
93	O1	Mx	0	1
94	MP2A	X	3.419	.5
95	MP2A	Z	5.922	.5
96	MP2A	Mx	.000855	.5
97	MP2B	X	3.419	.5
98	MP2B	Z	5.922	.5
99	MP2B	Mx	.000855	.5
100	MP2C	X	2.249	.5
101	MP2C	Z	3.896	.5
102	MP2C	Mx	-.001	.5
103	MP3A	X	6.02	2
104	MP3A	Z	10.427	2
105	MP3A	Mx	.003	2
106	MP3B	X	6.02	2
107	MP3B	Z	10.427	2
108	MP3B	Mx	.003	2
109	MP3C	X	4.599	2
110	MP3C	Z	7.965	2
111	MP3C	Mx	-.005	2
112	MP4A	X	5.935	2
113	MP4A	Z	10.279	2
114	MP4A	Mx	.003	2
115	MP4B	X	5.935	2
116	MP4B	Z	10.279	2
117	MP4B	Mx	.003	2
118	MP4C	X	4.258	2
119	MP4C	Z	7.375	2
120	MP4C	Mx	-.004	2
121	O2	X	11.313	1
122	O2	Z	19.594	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	.5
2	MP1B	Z	27.085	.5
3	MP1B	Mx	-.029	.5
4	MP1B	X	0	4.5
5	MP1B	Z	27.085	4.5
6	MP1B	Mx	-.029	4.5
7	MP1C	X	0	.5
8	MP1C	Z	27.085	.5
9	MP1C	Mx	.029	.5
10	MP1C	X	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP1C	Z	27.085	4.5
12	MP1C	Mx	.029	4.5
13	MP4B	X	0	.5
14	MP4B	Z	27.085	.5
15	MP4B	Mx	-.029	.5
16	MP4B	X	0	4.5
17	MP4B	Z	27.085	4.5
18	MP4B	Mx	-.029	4.5
19	MP4C	X	0	.5
20	MP4C	Z	27.085	.5
21	MP4C	Mx	.029	.5
22	MP4C	X	0	4.5
23	MP4C	Z	27.085	4.5
24	MP4C	Mx	.029	4.5
25	MP1A	X	0	.5
26	MP1A	Z	14.655	.5
27	MP1A	Mx	0	.5
28	MP1A	X	0	4.5
29	MP1A	Z	14.655	4.5
30	MP1A	Mx	0	4.5
31	MP4A	X	0	.5
32	MP4A	Z	14.655	.5
33	MP4A	Mx	0	.5
34	MP4A	X	0	4.5
35	MP4A	Z	14.655	4.5
36	MP4A	Mx	0	4.5
37	MP3A	X	0	.5
38	MP3A	Z	24.994	.5
39	MP3A	Mx	-.015	.5
40	MP3A	X	0	4.5
41	MP3A	Z	24.994	4.5
42	MP3A	Mx	-.015	4.5
43	MP3B	X	0	.5
44	MP3B	Z	19.411	.5
45	MP3B	Mx	-.008	.5
46	MP3B	X	0	4.5
47	MP3B	Z	19.411	4.5
48	MP3B	Mx	-.008	4.5
49	MP3C	X	0	.5
50	MP3C	Z	19.411	.5
51	MP3C	Mx	.02	.5
52	MP3C	X	0	4.5
53	MP3C	Z	19.411	4.5
54	MP3C	Mx	.02	4.5
55	MP3A	X	0	.5
56	MP3A	Z	24.994	.5
57	MP3A	Mx	.015	.5
58	MP3A	X	0	4.5
59	MP3A	Z	24.994	4.5
60	MP3A	Mx	.015	4.5
61	MP3B	X	0	.5
62	MP3B	Z	19.411	.5
63	MP3B	Mx	-.02	.5
64	MP3B	X	0	4.5
65	MP3B	Z	19.411	4.5
66	MP3B	Mx	-.02	4.5
67	MP3C	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP3C	Z	19.411	.5
69	MP3C	Mx	.008	.5
70	MP3C	X	0	4.5
71	MP3C	Z	19.411	4.5
72	MP3C	Mx	.008	4.5
73	MP2A	X	0	1.5
74	MP2A	Z	15.021	1.5
75	MP2A	Mx	0	1.5
76	MP2A	X	0	3.5
77	MP2A	Z	15.021	3.5
78	MP2A	Mx	0	3.5
79	MP2B	X	0	1.5
80	MP2B	Z	8.744	1.5
81	MP2B	Mx	-.006	1.5
82	MP2B	X	0	3.5
83	MP2B	Z	8.744	3.5
84	MP2B	Mx	-.006	3.5
85	MP2C	X	0	1.5
86	MP2C	Z	8.744	1.5
87	MP2C	Mx	.006	1.5
88	MP2C	X	0	3.5
89	MP2C	Z	8.744	3.5
90	MP2C	Mx	.006	3.5
91	O1	X	0	1
92	O1	Z	24.487	1
93	O1	Mx	0	1
94	MP2A	X	0	.5
95	MP2A	Z	7.617	.5
96	MP2A	Mx	0	.5
97	MP2B	X	0	.5
98	MP2B	Z	5.278	.5
99	MP2B	Mx	.001	.5
100	MP2C	X	0	.5
101	MP2C	Z	5.278	.5
102	MP2C	Mx	-.001	.5
103	MP3A	X	0	2
104	MP3A	Z	12.987	2
105	MP3A	Mx	0	2
106	MP3B	X	0	2
107	MP3B	Z	10.145	2
108	MP3B	Mx	.004	2
109	MP3C	X	0	2
110	MP3C	Z	10.145	2
111	MP3C	Mx	-.004	2
112	MP4A	X	0	2
113	MP4A	Z	12.987	2
114	MP4A	Mx	0	2
115	MP4B	X	0	2
116	MP4B	Z	9.633	2
117	MP4B	Mx	.004	2
118	MP4C	X	0	2
119	MP4C	Z	9.633	2
120	MP4C	Mx	-.004	2
121	O2	X	0	1
122	O2	Z	24.487	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-13.186	.5
2	MP1B	Z	22.839	.5
3	MP1B	Mx	-.033	.5
4	MP1B	X	-13.186	4.5
5	MP1B	Z	22.839	4.5
6	MP1B	Mx	-.033	4.5
7	MP1C	X	-14.256	.5
8	MP1C	Z	24.692	.5
9	MP1C	Mx	.018	.5
10	MP1C	X	-14.256	4.5
11	MP1C	Z	24.692	4.5
12	MP1C	Mx	.018	4.5
13	MP4B	X	-13.186	.5
14	MP4B	Z	22.839	.5
15	MP4B	Mx	-.033	.5
16	MP4B	X	-13.186	4.5
17	MP4B	Z	22.839	4.5
18	MP4B	Mx	-.033	4.5
19	MP4C	X	-14.256	.5
20	MP4C	Z	24.692	.5
21	MP4C	Mx	.018	.5
22	MP4C	X	-14.256	4.5
23	MP4C	Z	24.692	4.5
24	MP4C	Mx	.018	4.5
25	MP1A	X	-8.811	.5
26	MP1A	Z	15.261	.5
27	MP1A	Mx	.011	.5
28	MP1A	X	-8.811	4.5
29	MP1A	Z	15.261	4.5
30	MP1A	Mx	.011	4.5
31	MP4A	X	-8.811	.5
32	MP4A	Z	15.261	.5
33	MP4A	Mx	.011	.5
34	MP4A	X	-8.811	4.5
35	MP4A	Z	15.261	4.5
36	MP4A	Mx	.011	4.5
37	MP3A	X	-11.567	.5
38	MP3A	Z	20.034	.5
39	MP3A	Mx	-.002	.5
40	MP3A	X	-11.567	4.5
41	MP3A	Z	20.034	4.5
42	MP3A	Mx	-.002	4.5
43	MP3B	X	-8.775	.5
44	MP3B	Z	15.199	.5
45	MP3B	Mx	-.015	.5
46	MP3B	X	-8.775	4.5
47	MP3B	Z	15.199	4.5
48	MP3B	Mx	-.015	4.5
49	MP3C	X	-11.567	.5
50	MP3C	Z	20.034	.5
51	MP3C	Mx	.021	.5
52	MP3C	X	-11.567	4.5
53	MP3C	Z	20.034	4.5
54	MP3C	Mx	.021	4.5
55	MP3A	X	-11.567	.5
56	MP3A	Z	20.034	.5
57	MP3A	Mx	.021	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-11.567	4.5
59	MP3A	Z	20.034	4.5
60	MP3A	Mx	.021	4.5
61	MP3B	X	-8.775	.5
62	MP3B	Z	15.199	.5
63	MP3B	Mx	-.015	.5
64	MP3B	X	-8.775	4.5
65	MP3B	Z	15.199	4.5
66	MP3B	Mx	-.015	4.5
67	MP3C	X	-11.567	.5
68	MP3C	Z	20.034	.5
69	MP3C	Mx	-.002	.5
70	MP3C	X	-11.567	4.5
71	MP3C	Z	20.034	4.5
72	MP3C	Mx	-.002	4.5
73	MP2A	X	-6.464	1.5
74	MP2A	Z	11.197	1.5
75	MP2A	Mx	.005	1.5
76	MP2A	X	-6.464	3.5
77	MP2A	Z	11.197	3.5
78	MP2A	Mx	.005	3.5
79	MP2B	X	-3.326	1.5
80	MP2B	Z	5.761	1.5
81	MP2B	Mx	-.006	1.5
82	MP2B	X	-3.326	3.5
83	MP2B	Z	5.761	3.5
84	MP2B	Mx	-.006	3.5
85	MP2C	X	-6.464	1.5
86	MP2C	Z	11.197	1.5
87	MP2C	Mx	.005	1.5
88	MP2C	X	-6.464	3.5
89	MP2C	Z	11.197	3.5
90	MP2C	Mx	.005	3.5
91	O1	X	-11.313	1
92	O1	Z	19.594	1
93	O1	Mx	0	1
94	MP2A	X	-3.419	.5
95	MP2A	Z	5.922	.5
96	MP2A	Mx	-.000855	.5
97	MP2B	X	-2.249	.5
98	MP2B	Z	3.896	.5
99	MP2B	Mx	.001	.5
100	MP2C	X	-3.419	.5
101	MP2C	Z	5.922	.5
102	MP2C	Mx	-.000855	.5
103	MP3A	X	-6.02	2
104	MP3A	Z	10.427	2
105	MP3A	Mx	-.003	2
106	MP3B	X	-4.599	2
107	MP3B	Z	7.965	2
108	MP3B	Mx	.005	2
109	MP3C	X	-6.02	2
110	MP3C	Z	10.427	2
111	MP3C	Mx	-.003	2
112	MP4A	X	-5.935	2
113	MP4A	Z	10.279	2
114	MP4A	Mx	-.003	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4B	X	-4.258	2
116	MP4B	Z	7.375	2
117	MP4B	Mx	.004	2
118	MP4C	X	-5.935	2
119	MP4C	Z	10.279	2
120	MP4C	Mx	-.003	2
121	O2	X	-11.313	1
122	O2	Z	19.594	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-23.456	.5
2	MP1B	Z	13.543	.5
3	MP1B	Mx	-.029	.5
4	MP1B	X	-23.456	4.5
5	MP1B	Z	13.543	4.5
6	MP1B	Mx	-.029	4.5
7	MP1C	X	-25.309	.5
8	MP1C	Z	14.612	.5
9	MP1C	Mx	0	.5
10	MP1C	X	-25.309	4.5
11	MP1C	Z	14.612	4.5
12	MP1C	Mx	0	4.5
13	MP4B	X	-23.456	.5
14	MP4B	Z	13.543	.5
15	MP4B	Mx	-.029	.5
16	MP4B	X	-23.456	4.5
17	MP4B	Z	13.543	4.5
18	MP4B	Mx	-.029	4.5
19	MP4C	X	-25.309	.5
20	MP4C	Z	14.612	.5
21	MP4C	Mx	0	.5
22	MP4C	X	-25.309	4.5
23	MP4C	Z	14.612	4.5
24	MP4C	Mx	0	4.5
25	MP1A	X	-20.4	.5
26	MP1A	Z	11.778	.5
27	MP1A	Mx	.025	.5
28	MP1A	X	-20.4	4.5
29	MP1A	Z	11.778	4.5
30	MP1A	Mx	.025	4.5
31	MP4A	X	-20.4	.5
32	MP4A	Z	11.778	.5
33	MP4A	Mx	.025	.5
34	MP4A	X	-20.4	4.5
35	MP4A	Z	11.778	4.5
36	MP4A	Mx	.025	4.5
37	MP3A	X	-16.81	.5
38	MP3A	Z	9.706	.5
39	MP3A	Mx	.008	.5
40	MP3A	X	-16.81	4.5
41	MP3A	Z	9.706	4.5
42	MP3A	Mx	.008	4.5
43	MP3B	X	-16.81	.5
44	MP3B	Z	9.706	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	-.02	.5
46	MP3B	X	-16.81	4.5
47	MP3B	Z	9.706	4.5
48	MP3B	Mx	-.02	4.5
49	MP3C	X	-21.646	.5
50	MP3C	Z	12.497	.5
51	MP3C	Mx	.015	.5
52	MP3C	X	-21.646	4.5
53	MP3C	Z	12.497	4.5
54	MP3C	Mx	.015	4.5
55	MP3A	X	-16.81	.5
56	MP3A	Z	9.706	.5
57	MP3A	Mx	.02	.5
58	MP3A	X	-16.81	4.5
59	MP3A	Z	9.706	4.5
60	MP3A	Mx	.02	4.5
61	MP3B	X	-16.81	.5
62	MP3B	Z	9.706	.5
63	MP3B	Mx	-.008	.5
64	MP3B	X	-16.81	4.5
65	MP3B	Z	9.706	4.5
66	MP3B	Mx	-.008	4.5
67	MP3C	X	-21.646	.5
68	MP3C	Z	12.497	.5
69	MP3C	Mx	-.015	.5
70	MP3C	X	-21.646	4.5
71	MP3C	Z	12.497	4.5
72	MP3C	Mx	-.015	4.5
73	MP2A	X	-7.573	1.5
74	MP2A	Z	4.372	1.5
75	MP2A	Mx	.006	1.5
76	MP2A	X	-7.573	3.5
77	MP2A	Z	4.372	3.5
78	MP2A	Mx	.006	3.5
79	MP2B	X	-7.573	1.5
80	MP2B	Z	4.372	1.5
81	MP2B	Mx	-.006	1.5
82	MP2B	X	-7.573	3.5
83	MP2B	Z	4.372	3.5
84	MP2B	Mx	-.006	3.5
85	MP2C	X	-13.008	1.5
86	MP2C	Z	7.51	1.5
87	MP2C	Mx	0	1.5
88	MP2C	X	-13.008	3.5
89	MP2C	Z	7.51	3.5
90	MP2C	Mx	0	3.5
91	O1	X	-16.371	1
92	O1	Z	9.452	1
93	O1	Mx	0	1
94	MP2A	X	-4.571	.5
95	MP2A	Z	2.639	.5
96	MP2A	Mx	-.001	.5
97	MP2B	X	-4.571	.5
98	MP2B	Z	2.639	.5
99	MP2B	Mx	.001	.5
100	MP2C	X	-6.597	.5
101	MP2C	Z	3.809	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP2C	Mx	0	.5
103	MP3A	X	-8.786	2
104	MP3A	Z	5.072	2
105	MP3A	Mx	-.004	2
106	MP3B	X	-8.786	2
107	MP3B	Z	5.072	2
108	MP3B	Mx	.004	2
109	MP3C	X	-11.247	2
110	MP3C	Z	6.494	2
111	MP3C	Mx	0	2
112	MP4A	X	-8.343	2
113	MP4A	Z	4.817	2
114	MP4A	Mx	-.004	2
115	MP4B	X	-8.343	2
116	MP4B	Z	4.817	2
117	MP4B	Mx	.004	2
118	MP4C	X	-11.247	2
119	MP4C	Z	6.494	2
120	MP4C	Mx	0	2
121	O2	X	-16.371	1
122	O2	Z	9.452	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-28.511	.5
2	MP1B	Z	0	.5
3	MP1B	Mx	-.018	.5
4	MP1B	X	-28.511	4.5
5	MP1B	Z	0	4.5
6	MP1B	Mx	-.018	4.5
7	MP1C	X	-28.511	.5
8	MP1C	Z	0	.5
9	MP1C	Mx	-.018	.5
10	MP1C	X	-28.511	4.5
11	MP1C	Z	0	4.5
12	MP1C	Mx	-.018	4.5
13	MP4B	X	-28.511	.5
14	MP4B	Z	0	.5
15	MP4B	Mx	-.018	.5
16	MP4B	X	-28.511	4.5
17	MP4B	Z	0	4.5
18	MP4B	Mx	-.018	4.5
19	MP4C	X	-28.511	.5
20	MP4C	Z	0	.5
21	MP4C	Mx	-.018	.5
22	MP4C	X	-28.511	4.5
23	MP4C	Z	0	4.5
24	MP4C	Mx	-.018	4.5
25	MP1A	X	-26.522	.5
26	MP1A	Z	0	.5
27	MP1A	Mx	.033	.5
28	MP1A	X	-26.522	4.5
29	MP1A	Z	0	4.5
30	MP1A	Mx	.033	4.5
31	MP4A	X	-26.522	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP4A	Z	0	.5
33	MP4A	Mx	.033	.5
34	MP4A	X	-26.522	4.5
35	MP4A	Z	0	4.5
36	MP4A	Mx	.033	4.5
37	MP3A	X	-17.55	.5
38	MP3A	Z	0	.5
39	MP3A	Mx	.015	.5
40	MP3A	X	-17.55	4.5
41	MP3A	Z	0	4.5
42	MP3A	Mx	.015	4.5
43	MP3B	X	-23.133	.5
44	MP3B	Z	0	.5
45	MP3B	Mx	-.021	.5
46	MP3B	X	-23.133	4.5
47	MP3B	Z	0	4.5
48	MP3B	Mx	-.021	4.5
49	MP3C	X	-23.133	.5
50	MP3C	Z	0	.5
51	MP3C	Mx	.002	.5
52	MP3C	X	-23.133	4.5
53	MP3C	Z	0	4.5
54	MP3C	Mx	.002	4.5
55	MP3A	X	-17.55	.5
56	MP3A	Z	0	.5
57	MP3A	Mx	.015	.5
58	MP3A	X	-17.55	4.5
59	MP3A	Z	0	4.5
60	MP3A	Mx	.015	4.5
61	MP3B	X	-23.133	.5
62	MP3B	Z	0	.5
63	MP3B	Mx	.002	.5
64	MP3B	X	-23.133	4.5
65	MP3B	Z	0	4.5
66	MP3B	Mx	.002	4.5
67	MP3C	X	-23.133	.5
68	MP3C	Z	0	.5
69	MP3C	Mx	-.021	.5
70	MP3C	X	-23.133	4.5
71	MP3C	Z	0	4.5
72	MP3C	Mx	-.021	4.5
73	MP2A	X	-6.652	1.5
74	MP2A	Z	0	1.5
75	MP2A	Mx	.006	1.5
76	MP2A	X	-6.652	3.5
77	MP2A	Z	0	3.5
78	MP2A	Mx	.006	3.5
79	MP2B	X	-12.929	1.5
80	MP2B	Z	0	1.5
81	MP2B	Mx	-.005	1.5
82	MP2B	X	-12.929	3.5
83	MP2B	Z	0	3.5
84	MP2B	Mx	-.005	3.5
85	MP2C	X	-12.929	1.5
86	MP2C	Z	0	1.5
87	MP2C	Mx	-.005	1.5
88	MP2C	X	-12.929	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2C	Z	0	3.5
90	MP2C	Mx	-.005	3.5
91	O1	X	-17.042	1
92	O1	Z	0	1
93	O1	Mx	0	1
94	MP2A	X	-4.499	.5
95	MP2A	Z	0	.5
96	MP2A	Mx	-.001	.5
97	MP2B	X	-6.838	.5
98	MP2B	Z	0	.5
99	MP2B	Mx	.000855	.5
100	MP2C	X	-6.838	.5
101	MP2C	Z	0	.5
102	MP2C	Mx	.000855	.5
103	MP3A	X	-9.198	2
104	MP3A	Z	0	2
105	MP3A	Mx	-.005	2
106	MP3B	X	-12.04	2
107	MP3B	Z	0	2
108	MP3B	Mx	.003	2
109	MP3C	X	-12.04	2
110	MP3C	Z	0	2
111	MP3C	Mx	.003	2
112	MP4A	X	-8.516	2
113	MP4A	Z	0	2
114	MP4A	Mx	-.004	2
115	MP4B	X	-11.869	2
116	MP4B	Z	0	2
117	MP4B	Mx	.003	2
118	MP4C	X	-11.869	2
119	MP4C	Z	0	2
120	MP4C	Mx	.003	2
121	O2	X	-17.042	1
122	O2	Z	0	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-25.309	.5
2	MP1B	Z	-14.612	.5
3	MP1B	Mx	0	.5
4	MP1B	X	-25.309	4.5
5	MP1B	Z	-14.612	4.5
6	MP1B	Mx	0	4.5
7	MP1C	X	-23.456	.5
8	MP1C	Z	-13.543	.5
9	MP1C	Mx	-.029	.5
10	MP1C	X	-23.456	4.5
11	MP1C	Z	-13.543	4.5
12	MP1C	Mx	-.029	4.5
13	MP4B	X	-25.309	.5
14	MP4B	Z	-14.612	.5
15	MP4B	Mx	0	.5
16	MP4B	X	-25.309	4.5
17	MP4B	Z	-14.612	4.5
18	MP4B	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP4C	X	-23.456	.5
20	MP4C	Z	-13.543	.5
21	MP4C	Mx	-.029	.5
22	MP4C	X	-23.456	4.5
23	MP4C	Z	-13.543	4.5
24	MP4C	Mx	-.029	4.5
25	MP1A	X	-20.4	.5
26	MP1A	Z	-11.778	.5
27	MP1A	Mx	.025	.5
28	MP1A	X	-20.4	4.5
29	MP1A	Z	-11.778	4.5
30	MP1A	Mx	.025	4.5
31	MP4A	X	-20.4	.5
32	MP4A	Z	-11.778	.5
33	MP4A	Mx	.025	.5
34	MP4A	X	-20.4	4.5
35	MP4A	Z	-11.778	4.5
36	MP4A	Mx	.025	4.5
37	MP3A	X	-16.81	.5
38	MP3A	Z	-9.706	.5
39	MP3A	Mx	.02	.5
40	MP3A	X	-16.81	4.5
41	MP3A	Z	-9.706	4.5
42	MP3A	Mx	.02	4.5
43	MP3B	X	-21.646	.5
44	MP3B	Z	-12.497	.5
45	MP3B	Mx	-.015	.5
46	MP3B	X	-21.646	4.5
47	MP3B	Z	-12.497	4.5
48	MP3B	Mx	-.015	4.5
49	MP3C	X	-16.81	.5
50	MP3C	Z	-9.706	.5
51	MP3C	Mx	-.008	.5
52	MP3C	X	-16.81	4.5
53	MP3C	Z	-9.706	4.5
54	MP3C	Mx	-.008	4.5
55	MP3A	X	-16.81	.5
56	MP3A	Z	-9.706	.5
57	MP3A	Mx	.008	.5
58	MP3A	X	-16.81	4.5
59	MP3A	Z	-9.706	4.5
60	MP3A	Mx	.008	4.5
61	MP3B	X	-21.646	.5
62	MP3B	Z	-12.497	.5
63	MP3B	Mx	.015	.5
64	MP3B	X	-21.646	4.5
65	MP3B	Z	-12.497	4.5
66	MP3B	Mx	.015	4.5
67	MP3C	X	-16.81	.5
68	MP3C	Z	-9.706	.5
69	MP3C	Mx	-.02	.5
70	MP3C	X	-16.81	4.5
71	MP3C	Z	-9.706	4.5
72	MP3C	Mx	-.02	4.5
73	MP2A	X	-7.573	1.5
74	MP2A	Z	-4.372	1.5
75	MP2A	Mx	.006	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP2A	X	-7.573	3.5
77	MP2A	Z	-4.372	3.5
78	MP2A	Mx	.006	3.5
79	MP2B	X	-13.008	1.5
80	MP2B	Z	-7.51	1.5
81	MP2B	Mx	0	1.5
82	MP2B	X	-13.008	3.5
83	MP2B	Z	-7.51	3.5
84	MP2B	Mx	0	3.5
85	MP2C	X	-7.573	1.5
86	MP2C	Z	-4.372	1.5
87	MP2C	Mx	-.006	1.5
88	MP2C	X	-7.573	3.5
89	MP2C	Z	-4.372	3.5
90	MP2C	Mx	-.006	3.5
91	O1	X	-16.371	1
92	O1	Z	-9.452	1
93	O1	Mx	0	1
94	MP2A	X	-4.571	.5
95	MP2A	Z	-2.639	.5
96	MP2A	Mx	-.001	.5
97	MP2B	X	-6.597	.5
98	MP2B	Z	-3.809	.5
99	MP2B	Mx	0	.5
100	MP2C	X	-4.571	.5
101	MP2C	Z	-2.639	.5
102	MP2C	Mx	.001	.5
103	MP3A	X	-8.786	2
104	MP3A	Z	-5.072	2
105	MP3A	Mx	-.004	2
106	MP3B	X	-11.247	2
107	MP3B	Z	-6.494	2
108	MP3B	Mx	0	2
109	MP3C	X	-8.786	2
110	MP3C	Z	-5.072	2
111	MP3C	Mx	.004	2
112	MP4A	X	-8.343	2
113	MP4A	Z	-4.817	2
114	MP4A	Mx	-.004	2
115	MP4B	X	-11.247	2
116	MP4B	Z	-6.494	2
117	MP4B	Mx	0	2
118	MP4C	X	-8.343	2
119	MP4C	Z	-4.817	2
120	MP4C	Mx	.004	2
121	O2	X	-16.371	1
122	O2	Z	-9.452	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-14.256	.5
2	MP1B	Z	-24.692	.5
3	MP1B	Mx	.018	.5
4	MP1B	X	-14.256	4.5
5	MP1B	Z	-24.692	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1B	Mx	.018	4.5
7	MP1C	X	-13.186	.5
8	MP1C	Z	-22.839	.5
9	MP1C	Mx	-.033	.5
10	MP1C	X	-13.186	4.5
11	MP1C	Z	-22.839	4.5
12	MP1C	Mx	-.033	4.5
13	MP4B	X	-14.256	.5
14	MP4B	Z	-24.692	.5
15	MP4B	Mx	.018	.5
16	MP4B	X	-14.256	4.5
17	MP4B	Z	-24.692	4.5
18	MP4B	Mx	.018	4.5
19	MP4C	X	-13.186	.5
20	MP4C	Z	-22.839	.5
21	MP4C	Mx	-.033	.5
22	MP4C	X	-13.186	4.5
23	MP4C	Z	-22.839	4.5
24	MP4C	Mx	-.033	4.5
25	MP1A	X	-8.811	.5
26	MP1A	Z	-15.261	.5
27	MP1A	Mx	.011	.5
28	MP1A	X	-8.811	4.5
29	MP1A	Z	-15.261	4.5
30	MP1A	Mx	.011	4.5
31	MP4A	X	-8.811	.5
32	MP4A	Z	-15.261	.5
33	MP4A	Mx	.011	.5
34	MP4A	X	-8.811	4.5
35	MP4A	Z	-15.261	4.5
36	MP4A	Mx	.011	4.5
37	MP3A	X	-11.567	.5
38	MP3A	Z	-20.034	.5
39	MP3A	Mx	.021	.5
40	MP3A	X	-11.567	4.5
41	MP3A	Z	-20.034	4.5
42	MP3A	Mx	.021	4.5
43	MP3B	X	-11.567	.5
44	MP3B	Z	-20.034	.5
45	MP3B	Mx	-.002	.5
46	MP3B	X	-11.567	4.5
47	MP3B	Z	-20.034	4.5
48	MP3B	Mx	-.002	4.5
49	MP3C	X	-8.775	.5
50	MP3C	Z	-15.199	.5
51	MP3C	Mx	-.015	.5
52	MP3C	X	-8.775	4.5
53	MP3C	Z	-15.199	4.5
54	MP3C	Mx	-.015	4.5
55	MP3A	X	-11.567	.5
56	MP3A	Z	-20.034	.5
57	MP3A	Mx	-.002	.5
58	MP3A	X	-11.567	4.5
59	MP3A	Z	-20.034	4.5
60	MP3A	Mx	-.002	4.5
61	MP3B	X	-11.567	.5
62	MP3B	Z	-20.034	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3B	Mx	.021	.5
64	MP3B	X	-11.567	4.5
65	MP3B	Z	-20.034	4.5
66	MP3B	Mx	.021	4.5
67	MP3C	X	-8.775	.5
68	MP3C	Z	-15.199	.5
69	MP3C	Mx	-.015	.5
70	MP3C	X	-8.775	4.5
71	MP3C	Z	-15.199	4.5
72	MP3C	Mx	-.015	4.5
73	MP2A	X	-6.464	1.5
74	MP2A	Z	-11.197	1.5
75	MP2A	Mx	.005	1.5
76	MP2A	X	-6.464	3.5
77	MP2A	Z	-11.197	3.5
78	MP2A	Mx	.005	3.5
79	MP2B	X	-6.464	1.5
80	MP2B	Z	-11.197	1.5
81	MP2B	Mx	.005	1.5
82	MP2B	X	-6.464	3.5
83	MP2B	Z	-11.197	3.5
84	MP2B	Mx	.005	3.5
85	MP2C	X	-3.326	1.5
86	MP2C	Z	-5.761	1.5
87	MP2C	Mx	-.006	1.5
88	MP2C	X	-3.326	3.5
89	MP2C	Z	-5.761	3.5
90	MP2C	Mx	-.006	3.5
91	O1	X	-11.313	1
92	O1	Z	-19.594	1
93	O1	Mx	0	1
94	MP2A	X	-3.419	.5
95	MP2A	Z	-5.922	.5
96	MP2A	Mx	-.000855	.5
97	MP2B	X	-3.419	.5
98	MP2B	Z	-5.922	.5
99	MP2B	Mx	-.000855	.5
100	MP2C	X	-2.249	.5
101	MP2C	Z	-3.896	.5
102	MP2C	Mx	.001	.5
103	MP3A	X	-6.02	2
104	MP3A	Z	-10.427	2
105	MP3A	Mx	-.003	2
106	MP3B	X	-6.02	2
107	MP3B	Z	-10.427	2
108	MP3B	Mx	-.003	2
109	MP3C	X	-4.599	2
110	MP3C	Z	-7.965	2
111	MP3C	Mx	.005	2
112	MP4A	X	-5.935	2
113	MP4A	Z	-10.279	2
114	MP4A	Mx	-.003	2
115	MP4B	X	-5.935	2
116	MP4B	Z	-10.279	2
117	MP4B	Mx	-.003	2
118	MP4C	X	-4.258	2
119	MP4C	Z	-7.375	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
120	MP4C	Mx	.004	2
121	O2	X	-11.313	1
122	O2	Z	-19.594	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	.5
2	MP1B	Z	-8.518	.5
3	MP1B	Mx	.009	.5
4	MP1B	X	0	4.5
5	MP1B	Z	-8.518	4.5
6	MP1B	Mx	.009	4.5
7	MP1C	X	0	.5
8	MP1C	Z	-8.518	.5
9	MP1C	Mx	-.009	.5
10	MP1C	X	0	4.5
11	MP1C	Z	-8.518	4.5
12	MP1C	Mx	-.009	4.5
13	MP4B	X	0	.5
14	MP4B	Z	-8.518	.5
15	MP4B	Mx	.009	.5
16	MP4B	X	0	4.5
17	MP4B	Z	-8.518	4.5
18	MP4B	Mx	.009	4.5
19	MP4C	X	0	.5
20	MP4C	Z	-8.518	.5
21	MP4C	Mx	-.009	.5
22	MP4C	X	0	4.5
23	MP4C	Z	-8.518	4.5
24	MP4C	Mx	-.009	4.5
25	MP1A	X	0	.5
26	MP1A	Z	-4.177	.5
27	MP1A	Mx	0	.5
28	MP1A	X	0	4.5
29	MP1A	Z	-4.177	4.5
30	MP1A	Mx	0	4.5
31	MP4A	X	0	.5
32	MP4A	Z	-4.177	.5
33	MP4A	Mx	0	.5
34	MP4A	X	0	4.5
35	MP4A	Z	-4.177	4.5
36	MP4A	Mx	0	4.5
37	MP3A	X	0	.5
38	MP3A	Z	-7.794	.5
39	MP3A	Mx	.005	.5
40	MP3A	X	0	4.5
41	MP3A	Z	-7.794	4.5
42	MP3A	Mx	.005	4.5
43	MP3B	X	0	.5
44	MP3B	Z	-5.813	.5
45	MP3B	Mx	.003	.5
46	MP3B	X	0	4.5
47	MP3B	Z	-5.813	4.5
48	MP3B	Mx	.003	4.5
49	MP3C	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3C	Z	-5.813	.5
51	MP3C	Mx	-.006	.5
52	MP3C	X	0	4.5
53	MP3C	Z	-5.813	4.5
54	MP3C	Mx	-.006	4.5
55	MP3A	X	0	.5
56	MP3A	Z	-7.765	.5
57	MP3A	Mx	-.005	.5
58	MP3A	X	0	4.5
59	MP3A	Z	-7.765	4.5
60	MP3A	Mx	-.005	4.5
61	MP3B	X	0	.5
62	MP3B	Z	-5.805	.5
63	MP3B	Mx	.006	.5
64	MP3B	X	0	4.5
65	MP3B	Z	-5.805	4.5
66	MP3B	Mx	.006	4.5
67	MP3C	X	0	.5
68	MP3C	Z	-5.805	.5
69	MP3C	Mx	-.002	.5
70	MP3C	X	0	4.5
71	MP3C	Z	-5.805	4.5
72	MP3C	Mx	-.002	4.5
73	MP2A	X	0	1.5
74	MP2A	Z	-4.533	1.5
75	MP2A	Mx	0	1.5
76	MP2A	X	0	3.5
77	MP2A	Z	-4.533	3.5
78	MP2A	Mx	0	3.5
79	MP2B	X	0	1.5
80	MP2B	Z	-2.464	1.5
81	MP2B	Mx	.002	1.5
82	MP2B	X	0	3.5
83	MP2B	Z	-2.464	3.5
84	MP2B	Mx	.002	3.5
85	MP2C	X	0	1.5
86	MP2C	Z	-2.464	1.5
87	MP2C	Mx	-.002	1.5
88	MP2C	X	0	3.5
89	MP2C	Z	-2.464	3.5
90	MP2C	Mx	-.002	3.5
91	O1	X	0	1
92	O1	Z	-7.311	1
93	O1	Mx	0	1
94	MP2A	X	0	.5
95	MP2A	Z	-1.929	.5
96	MP2A	Mx	0	.5
97	MP2B	X	0	.5
98	MP2B	Z	-1.207	.5
99	MP2B	Mx	-.000261	.5
100	MP2C	X	0	.5
101	MP2C	Z	-1.207	.5
102	MP2C	Mx	.000261	.5
103	MP3A	X	0	2
104	MP3A	Z	-3.607	2
105	MP3A	Mx	0	2
106	MP3B	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
107	MP3B	Z	-2.71	2
108	MP3B	Mx	-.001	2
109	MP3C	X	0	2
110	MP3C	Z	-2.71	2
111	MP3C	Mx	.001	2
112	MP4A	X	0	2
113	MP4A	Z	-3.607	2
114	MP4A	Mx	0	2
115	MP4B	X	0	2
116	MP4B	Z	-2.548	2
117	MP4B	Mx	-.001	2
118	MP4C	X	0	2
119	MP4C	Z	-2.548	2
120	MP4C	Mx	.001	2
121	O2	X	0	1
122	O2	Z	-7.311	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	4.135	.5
2	MP1B	Z	-7.163	.5
3	MP1B	Mx	.01	.5
4	MP1B	X	4.135	4.5
5	MP1B	Z	-7.163	4.5
6	MP1B	Mx	.01	4.5
7	MP1C	X	4.506	.5
8	MP1C	Z	-7.805	.5
9	MP1C	Mx	-.006	.5
10	MP1C	X	4.506	4.5
11	MP1C	Z	-7.805	4.5
12	MP1C	Mx	-.006	4.5
13	MP4B	X	4.135	.5
14	MP4B	Z	-7.163	.5
15	MP4B	Mx	.01	.5
16	MP4B	X	4.135	4.5
17	MP4B	Z	-7.163	4.5
18	MP4B	Mx	.01	4.5
19	MP4C	X	4.506	.5
20	MP4C	Z	-7.805	.5
21	MP4C	Mx	-.006	.5
22	MP4C	X	4.506	4.5
23	MP4C	Z	-7.805	4.5
24	MP4C	Mx	-.006	4.5
25	MP1A	X	2.607	.5
26	MP1A	Z	-4.515	.5
27	MP1A	Mx	-.003	.5
28	MP1A	X	2.607	4.5
29	MP1A	Z	-4.515	4.5
30	MP1A	Mx	-.003	4.5
31	MP4A	X	2.607	.5
32	MP4A	Z	-4.515	.5
33	MP4A	Mx	-.003	.5
34	MP4A	X	2.607	4.5
35	MP4A	Z	-4.515	4.5
36	MP4A	Mx	-.003	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	3.567	.5
38	MP3A	Z	-6.178	.5
39	MP3A	Mx	.000631	.5
40	MP3A	X	3.567	4.5
41	MP3A	Z	-6.178	4.5
42	MP3A	Mx	.000631	4.5
43	MP3B	X	2.576	.5
44	MP3B	Z	-4.462	.5
45	MP3B	Mx	.004	.5
46	MP3B	X	2.576	4.5
47	MP3B	Z	-4.462	4.5
48	MP3B	Mx	.004	4.5
49	MP3C	X	3.567	.5
50	MP3C	Z	-6.178	.5
51	MP3C	Mx	-.007	.5
52	MP3C	X	3.567	4.5
53	MP3C	Z	-6.178	4.5
54	MP3C	Mx	-.007	4.5
55	MP3A	X	3.556	.5
56	MP3A	Z	-6.159	.5
57	MP3A	Mx	-.007	.5
58	MP3A	X	3.556	4.5
59	MP3A	Z	-6.159	4.5
60	MP3A	Mx	-.007	4.5
61	MP3B	X	2.576	.5
62	MP3B	Z	-4.462	.5
63	MP3B	Mx	.004	.5
64	MP3B	X	2.576	4.5
65	MP3B	Z	-4.462	4.5
66	MP3B	Mx	.004	4.5
67	MP3C	X	3.556	.5
68	MP3C	Z	-6.159	.5
69	MP3C	Mx	.00063	.5
70	MP3C	X	3.556	4.5
71	MP3C	Z	-6.159	4.5
72	MP3C	Mx	.00063	4.5
73	MP2A	X	1.922	1.5
74	MP2A	Z	-3.329	1.5
75	MP2A	Mx	-.002	1.5
76	MP2A	X	1.922	3.5
77	MP2A	Z	-3.329	3.5
78	MP2A	Mx	-.002	3.5
79	MP2B	X	.887	1.5
80	MP2B	Z	-1.537	1.5
81	MP2B	Mx	.001	1.5
82	MP2B	X	.887	3.5
83	MP2B	Z	-1.537	3.5
84	MP2B	Mx	.001	3.5
85	MP2C	X	1.922	1.5
86	MP2C	Z	-3.329	1.5
87	MP2C	Mx	-.002	1.5
88	MP2C	X	1.922	3.5
89	MP2C	Z	-3.329	3.5
90	MP2C	Mx	-.002	3.5
91	O1	X	3.347	1
92	O1	Z	-5.797	1
93	O1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP2A	X	.844	.5
95	MP2A	Z	-1.462	.5
96	MP2A	Mx	.000211	.5
97	MP2B	X	.483	.5
98	MP2B	Z	-.837	.5
99	MP2B	Mx	-.000242	.5
100	MP2C	X	.844	.5
101	MP2C	Z	-1.462	.5
102	MP2C	Mx	.000211	.5
103	MP3A	X	1.654	2
104	MP3A	Z	-2.865	2
105	MP3A	Mx	.000827	2
106	MP3B	X	1.206	2
107	MP3B	Z	-2.088	2
108	MP3B	Mx	-.001	2
109	MP3C	X	1.654	2
110	MP3C	Z	-2.865	2
111	MP3C	Mx	.000827	2
112	MP4A	X	1.627	2
113	MP4A	Z	-2.818	2
114	MP4A	Mx	.000814	2
115	MP4B	X	1.097	2
116	MP4B	Z	-1.9	2
117	MP4B	Mx	-.001	2
118	MP4C	X	1.627	2
119	MP4C	Z	-2.818	2
120	MP4C	Mx	.000813	2
121	O2	X	3.347	1
122	O2	Z	-5.797	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	7.377	.5
2	MP1B	Z	-4.259	.5
3	MP1B	Mx	.009	.5
4	MP1B	X	7.377	4.5
5	MP1B	Z	-4.259	4.5
6	MP1B	Mx	.009	4.5
7	MP1C	X	8.019	.5
8	MP1C	Z	-4.63	.5
9	MP1C	Mx	0	.5
10	MP1C	X	8.019	4.5
11	MP1C	Z	-4.63	4.5
12	MP1C	Mx	0	4.5
13	MP4B	X	7.377	.5
14	MP4B	Z	-4.259	.5
15	MP4B	Mx	.009	.5
16	MP4B	X	7.377	4.5
17	MP4B	Z	-4.259	4.5
18	MP4B	Mx	.009	4.5
19	MP4C	X	8.019	.5
20	MP4C	Z	-4.63	.5
21	MP4C	Mx	0	.5
22	MP4C	X	8.019	4.5
23	MP4C	Z	-4.63	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP4C	Mx	0	4.5
25	MP1A	X	6.31	.5
26	MP1A	Z	-3.643	.5
27	MP1A	Mx	-.008	.5
28	MP1A	X	6.31	4.5
29	MP1A	Z	-3.643	4.5
30	MP1A	Mx	-.008	4.5
31	MP4A	X	6.31	.5
32	MP4A	Z	-3.643	.5
33	MP4A	Mx	-.008	.5
34	MP4A	X	6.31	4.5
35	MP4A	Z	-3.643	4.5
36	MP4A	Mx	-.008	4.5
37	MP3A	X	5.034	.5
38	MP3A	Z	-2.906	.5
39	MP3A	Mx	-.003	.5
40	MP3A	X	5.034	4.5
41	MP3A	Z	-2.906	4.5
42	MP3A	Mx	-.003	4.5
43	MP3B	X	5.034	.5
44	MP3B	Z	-2.906	.5
45	MP3B	Mx	.006	.5
46	MP3B	X	5.034	4.5
47	MP3B	Z	-2.906	4.5
48	MP3B	Mx	.006	4.5
49	MP3C	X	6.749	.5
50	MP3C	Z	-3.897	.5
51	MP3C	Mx	-.005	.5
52	MP3C	X	6.749	4.5
53	MP3C	Z	-3.897	4.5
54	MP3C	Mx	-.005	4.5
55	MP3A	X	5.028	.5
56	MP3A	Z	-2.903	.5
57	MP3A	Mx	-.006	.5
58	MP3A	X	5.028	4.5
59	MP3A	Z	-2.903	4.5
60	MP3A	Mx	-.006	4.5
61	MP3B	X	5.028	.5
62	MP3B	Z	-2.903	.5
63	MP3B	Mx	.002	.5
64	MP3B	X	5.028	4.5
65	MP3B	Z	-2.903	4.5
66	MP3B	Mx	.002	4.5
67	MP3C	X	6.724	.5
68	MP3C	Z	-3.882	.5
69	MP3C	Mx	.005	.5
70	MP3C	X	6.724	4.5
71	MP3C	Z	-3.882	4.5
72	MP3C	Mx	.005	4.5
73	MP2A	X	2.134	1.5
74	MP2A	Z	-1.232	1.5
75	MP2A	Mx	-.002	1.5
76	MP2A	X	2.134	3.5
77	MP2A	Z	-1.232	3.5
78	MP2A	Mx	-.002	3.5
79	MP2B	X	2.134	1.5
80	MP2B	Z	-1.232	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP2B	Mx	.002	1.5
82	MP2B	X	2.134	3.5
83	MP2B	Z	-1.232	3.5
84	MP2B	Mx	.002	3.5
85	MP2C	X	3.926	1.5
86	MP2C	Z	-2.267	1.5
87	MP2C	Mx	0	1.5
88	MP2C	X	3.926	3.5
89	MP2C	Z	-2.267	3.5
90	MP2C	Mx	0	3.5
91	O1	X	4.726	1
92	O1	Z	-2.729	1
93	O1	Mx	0	1
94	MP2A	X	1.046	.5
95	MP2A	Z	-.604	.5
96	MP2A	Mx	.000262	.5
97	MP2B	X	1.046	.5
98	MP2B	Z	-.604	.5
99	MP2B	Mx	-.000262	.5
100	MP2C	X	1.671	.5
101	MP2C	Z	-.965	.5
102	MP2C	Mx	0	.5
103	MP3A	X	2.347	2
104	MP3A	Z	-1.355	2
105	MP3A	Mx	.001	2
106	MP3B	X	2.347	2
107	MP3B	Z	-1.355	2
108	MP3B	Mx	-.001	2
109	MP3C	X	3.124	2
110	MP3C	Z	-1.804	2
111	MP3C	Mx	0	2
112	MP4A	X	2.206	2
113	MP4A	Z	-1.274	2
114	MP4A	Mx	.001	2
115	MP4B	X	2.206	2
116	MP4B	Z	-1.274	2
117	MP4B	Mx	-.001	2
118	MP4C	X	3.124	2
119	MP4C	Z	-1.804	2
120	MP4C	Mx	0	2
121	O2	X	4.726	1
122	O2	Z	-2.729	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	9.012	.5
2	MP1B	Z	0	.5
3	MP1B	Mx	.006	.5
4	MP1B	X	9.012	4.5
5	MP1B	Z	0	4.5
6	MP1B	Mx	.006	4.5
7	MP1C	X	9.012	.5
8	MP1C	Z	0	.5
9	MP1C	Mx	.006	.5
10	MP1C	X	9.012	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP1C	Z	0	4.5
12	MP1C	Mx	.006	4.5
13	MP4B	X	9.012	.5
14	MP4B	Z	0	.5
15	MP4B	Mx	.006	.5
16	MP4B	X	9.012	4.5
17	MP4B	Z	0	4.5
18	MP4B	Mx	.006	4.5
19	MP4C	X	9.012	.5
20	MP4C	Z	0	.5
21	MP4C	Mx	.006	.5
22	MP4C	X	9.012	4.5
23	MP4C	Z	0	4.5
24	MP4C	Mx	.006	4.5
25	MP1A	X	8.323	.5
26	MP1A	Z	0	.5
27	MP1A	Mx	-.01	.5
28	MP1A	X	8.323	4.5
29	MP1A	Z	0	4.5
30	MP1A	Mx	-.01	4.5
31	MP4A	X	8.323	.5
32	MP4A	Z	0	.5
33	MP4A	Mx	-.01	.5
34	MP4A	X	8.323	4.5
35	MP4A	Z	0	4.5
36	MP4A	Mx	-.01	4.5
37	MP3A	X	5.152	.5
38	MP3A	Z	0	.5
39	MP3A	Mx	-.004	.5
40	MP3A	X	5.152	4.5
41	MP3A	Z	0	4.5
42	MP3A	Mx	-.004	4.5
43	MP3B	X	7.133	.5
44	MP3B	Z	0	.5
45	MP3B	Mx	.007	.5
46	MP3B	X	7.133	4.5
47	MP3B	Z	0	4.5
48	MP3B	Mx	.007	4.5
49	MP3C	X	7.133	.5
50	MP3C	Z	0	.5
51	MP3C	Mx	-.000631	.5
52	MP3C	X	7.133	4.5
53	MP3C	Z	0	4.5
54	MP3C	Mx	-.000631	4.5
55	MP3A	X	5.152	.5
56	MP3A	Z	0	.5
57	MP3A	Mx	-.004	.5
58	MP3A	X	5.152	4.5
59	MP3A	Z	0	4.5
60	MP3A	Mx	-.004	4.5
61	MP3B	X	7.112	.5
62	MP3B	Z	0	.5
63	MP3B	Mx	-.00063	.5
64	MP3B	X	7.112	4.5
65	MP3B	Z	0	4.5
66	MP3B	Mx	-.00063	4.5
67	MP3C	X	7.112	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP3C	Z	0	.5
69	MP3C	Mx	.007	.5
70	MP3C	X	7.112	4.5
71	MP3C	Z	0	4.5
72	MP3C	Mx	.007	4.5
73	MP2A	X	1.775	1.5
74	MP2A	Z	0	1.5
75	MP2A	Mx	-.001	1.5
76	MP2A	X	1.775	3.5
77	MP2A	Z	0	3.5
78	MP2A	Mx	-.001	3.5
79	MP2B	X	3.844	1.5
80	MP2B	Z	0	1.5
81	MP2B	Mx	.002	1.5
82	MP2B	X	3.844	3.5
83	MP2B	Z	0	3.5
84	MP2B	Mx	.002	3.5
85	MP2C	X	3.844	1.5
86	MP2C	Z	0	1.5
87	MP2C	Mx	.002	1.5
88	MP2C	X	3.844	3.5
89	MP2C	Z	0	3.5
90	MP2C	Mx	.002	3.5
91	O1	X	4.84	1
92	O1	Z	0	1
93	O1	Mx	0	1
94	MP2A	X	.967	.5
95	MP2A	Z	0	.5
96	MP2A	Mx	.000242	.5
97	MP2B	X	1.688	.5
98	MP2B	Z	0	.5
99	MP2B	Mx	-.000211	.5
100	MP2C	X	1.688	.5
101	MP2C	Z	0	.5
102	MP2C	Mx	-.000211	.5
103	MP3A	X	2.411	2
104	MP3A	Z	0	2
105	MP3A	Mx	.001	2
106	MP3B	X	3.308	2
107	MP3B	Z	0	2
108	MP3B	Mx	-.000827	2
109	MP3C	X	3.308	2
110	MP3C	Z	0	2
111	MP3C	Mx	-.000827	2
112	MP4A	X	2.194	2
113	MP4A	Z	0	2
114	MP4A	Mx	.001	2
115	MP4B	X	3.254	2
116	MP4B	Z	0	2
117	MP4B	Mx	-.000814	2
118	MP4C	X	3.254	2
119	MP4C	Z	0	2
120	MP4C	Mx	-.000814	2
121	O2	X	4.84	1
122	O2	Z	0	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	8.019	.5
2	MP1B	Z	4.63	.5
3	MP1B	Mx	0	.5
4	MP1B	X	8.019	4.5
5	MP1B	Z	4.63	4.5
6	MP1B	Mx	0	4.5
7	MP1C	X	7.377	.5
8	MP1C	Z	4.259	.5
9	MP1C	Mx	.009	.5
10	MP1C	X	7.377	4.5
11	MP1C	Z	4.259	4.5
12	MP1C	Mx	.009	4.5
13	MP4B	X	8.019	.5
14	MP4B	Z	4.63	.5
15	MP4B	Mx	0	.5
16	MP4B	X	8.019	4.5
17	MP4B	Z	4.63	4.5
18	MP4B	Mx	0	4.5
19	MP4C	X	7.377	.5
20	MP4C	Z	4.259	.5
21	MP4C	Mx	.009	.5
22	MP4C	X	7.377	4.5
23	MP4C	Z	4.259	4.5
24	MP4C	Mx	.009	4.5
25	MP1A	X	6.31	.5
26	MP1A	Z	3.643	.5
27	MP1A	Mx	-.008	.5
28	MP1A	X	6.31	4.5
29	MP1A	Z	3.643	4.5
30	MP1A	Mx	-.008	4.5
31	MP4A	X	6.31	.5
32	MP4A	Z	3.643	.5
33	MP4A	Mx	-.008	.5
34	MP4A	X	6.31	4.5
35	MP4A	Z	3.643	4.5
36	MP4A	Mx	-.008	4.5
37	MP3A	X	5.034	.5
38	MP3A	Z	2.906	.5
39	MP3A	Mx	-.006	.5
40	MP3A	X	5.034	4.5
41	MP3A	Z	2.906	4.5
42	MP3A	Mx	-.006	4.5
43	MP3B	X	6.749	.5
44	MP3B	Z	3.897	.5
45	MP3B	Mx	.005	.5
46	MP3B	X	6.749	4.5
47	MP3B	Z	3.897	4.5
48	MP3B	Mx	.005	4.5
49	MP3C	X	5.034	.5
50	MP3C	Z	2.906	.5
51	MP3C	Mx	.002	.5
52	MP3C	X	5.034	4.5
53	MP3C	Z	2.906	4.5
54	MP3C	Mx	.002	4.5
55	MP3A	X	5.028	.5
56	MP3A	Z	2.903	.5
57	MP3A	Mx	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	5.028	4.5
59	MP3A	Z	2.903	4.5
60	MP3A	Mx	-.002	4.5
61	MP3B	X	6.724	.5
62	MP3B	Z	3.882	.5
63	MP3B	Mx	-.005	.5
64	MP3B	X	6.724	4.5
65	MP3B	Z	3.882	4.5
66	MP3B	Mx	-.005	4.5
67	MP3C	X	5.028	.5
68	MP3C	Z	2.903	.5
69	MP3C	Mx	.006	.5
70	MP3C	X	5.028	4.5
71	MP3C	Z	2.903	4.5
72	MP3C	Mx	.006	4.5
73	MP2A	X	2.134	1.5
74	MP2A	Z	1.232	1.5
75	MP2A	Mx	-.002	1.5
76	MP2A	X	2.134	3.5
77	MP2A	Z	1.232	3.5
78	MP2A	Mx	-.002	3.5
79	MP2B	X	3.926	1.5
80	MP2B	Z	2.267	1.5
81	MP2B	Mx	0	1.5
82	MP2B	X	3.926	3.5
83	MP2B	Z	2.267	3.5
84	MP2B	Mx	0	3.5
85	MP2C	X	2.134	1.5
86	MP2C	Z	1.232	1.5
87	MP2C	Mx	.002	1.5
88	MP2C	X	2.134	3.5
89	MP2C	Z	1.232	3.5
90	MP2C	Mx	.002	3.5
91	O1	X	4.726	1
92	O1	Z	2.729	1
93	O1	Mx	0	1
94	MP2A	X	1.046	.5
95	MP2A	Z	.604	.5
96	MP2A	Mx	.000262	.5
97	MP2B	X	1.671	.5
98	MP2B	Z	.965	.5
99	MP2B	Mx	0	.5
100	MP2C	X	1.046	.5
101	MP2C	Z	.604	.5
102	MP2C	Mx	-.000262	.5
103	MP3A	X	2.347	2
104	MP3A	Z	1.355	2
105	MP3A	Mx	.001	2
106	MP3B	X	3.124	2
107	MP3B	Z	1.804	2
108	MP3B	Mx	0	2
109	MP3C	X	2.347	2
110	MP3C	Z	1.355	2
111	MP3C	Mx	-.001	2
112	MP4A	X	2.206	2
113	MP4A	Z	1.274	2
114	MP4A	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4B	X	3.124	2
116	MP4B	Z	1.804	2
117	MP4B	Mx	0	2
118	MP4C	X	2.206	2
119	MP4C	Z	1.274	2
120	MP4C	Mx	-.001	2
121	O2	X	4.726	1
122	O2	Z	2.729	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	4.506	.5
2	MP1B	Z	7.805	.5
3	MP1B	Mx	-.006	.5
4	MP1B	X	4.506	4.5
5	MP1B	Z	7.805	4.5
6	MP1B	Mx	-.006	4.5
7	MP1C	X	4.135	.5
8	MP1C	Z	7.163	.5
9	MP1C	Mx	.01	.5
10	MP1C	X	4.135	4.5
11	MP1C	Z	7.163	4.5
12	MP1C	Mx	.01	4.5
13	MP4B	X	4.506	.5
14	MP4B	Z	7.805	.5
15	MP4B	Mx	-.006	.5
16	MP4B	X	4.506	4.5
17	MP4B	Z	7.805	4.5
18	MP4B	Mx	-.006	4.5
19	MP4C	X	4.135	.5
20	MP4C	Z	7.163	.5
21	MP4C	Mx	.01	.5
22	MP4C	X	4.135	4.5
23	MP4C	Z	7.163	4.5
24	MP4C	Mx	.01	4.5
25	MP1A	X	2.607	.5
26	MP1A	Z	4.515	.5
27	MP1A	Mx	-.003	.5
28	MP1A	X	2.607	4.5
29	MP1A	Z	4.515	4.5
30	MP1A	Mx	-.003	4.5
31	MP4A	X	2.607	.5
32	MP4A	Z	4.515	.5
33	MP4A	Mx	-.003	.5
34	MP4A	X	2.607	4.5
35	MP4A	Z	4.515	4.5
36	MP4A	Mx	-.003	4.5
37	MP3A	X	3.567	.5
38	MP3A	Z	6.178	.5
39	MP3A	Mx	-.007	.5
40	MP3A	X	3.567	4.5
41	MP3A	Z	6.178	4.5
42	MP3A	Mx	-.007	4.5
43	MP3B	X	3.567	.5
44	MP3B	Z	6.178	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	.000632	.5
46	MP3B	X	3.567	4.5
47	MP3B	Z	6.178	4.5
48	MP3B	Mx	.000632	4.5
49	MP3C	X	2.576	.5
50	MP3C	Z	4.462	.5
51	MP3C	Mx	.004	.5
52	MP3C	X	2.576	4.5
53	MP3C	Z	4.462	4.5
54	MP3C	Mx	.004	4.5
55	MP3A	X	3.556	.5
56	MP3A	Z	6.159	.5
57	MP3A	Mx	.000629	.5
58	MP3A	X	3.556	4.5
59	MP3A	Z	6.159	4.5
60	MP3A	Mx	.000629	4.5
61	MP3B	X	3.556	.5
62	MP3B	Z	6.159	.5
63	MP3B	Mx	-.007	.5
64	MP3B	X	3.556	4.5
65	MP3B	Z	6.159	4.5
66	MP3B	Mx	-.007	4.5
67	MP3C	X	2.576	.5
68	MP3C	Z	4.462	.5
69	MP3C	Mx	.004	.5
70	MP3C	X	2.576	4.5
71	MP3C	Z	4.462	4.5
72	MP3C	Mx	.004	4.5
73	MP2A	X	1.922	1.5
74	MP2A	Z	3.329	1.5
75	MP2A	Mx	-.002	1.5
76	MP2A	X	1.922	3.5
77	MP2A	Z	3.329	3.5
78	MP2A	Mx	-.002	3.5
79	MP2B	X	1.922	1.5
80	MP2B	Z	3.329	1.5
81	MP2B	Mx	-.002	1.5
82	MP2B	X	1.922	3.5
83	MP2B	Z	3.329	3.5
84	MP2B	Mx	-.002	3.5
85	MP2C	X	.887	1.5
86	MP2C	Z	1.537	1.5
87	MP2C	Mx	.001	1.5
88	MP2C	X	.887	3.5
89	MP2C	Z	1.537	3.5
90	MP2C	Mx	.001	3.5
91	O1	X	3.347	1
92	O1	Z	5.797	1
93	O1	Mx	0	1
94	MP2A	X	.844	.5
95	MP2A	Z	1.462	.5
96	MP2A	Mx	.000211	.5
97	MP2B	X	.844	.5
98	MP2B	Z	1.462	.5
99	MP2B	Mx	.000211	.5
100	MP2C	X	.483	.5
101	MP2C	Z	.837	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP2C	Mx	-.000242	.5
103	MP3A	X	1.654	2
104	MP3A	Z	2.865	2
105	MP3A	Mx	.000827	2
106	MP3B	X	1.654	2
107	MP3B	Z	2.865	2
108	MP3B	Mx	.000827	2
109	MP3C	X	1.206	2
110	MP3C	Z	2.088	2
111	MP3C	Mx	-.001	2
112	MP4A	X	1.627	2
113	MP4A	Z	2.818	2
114	MP4A	Mx	.000814	2
115	MP4B	X	1.627	2
116	MP4B	Z	2.818	2
117	MP4B	Mx	.000813	2
118	MP4C	X	1.097	2
119	MP4C	Z	1.9	2
120	MP4C	Mx	-.001	2
121	O2	X	3.347	1
122	O2	Z	5.797	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	0	.5
2	MP1B	Z	8.518	.5
3	MP1B	Mx	-.009	.5
4	MP1B	X	0	4.5
5	MP1B	Z	8.518	4.5
6	MP1B	Mx	-.009	4.5
7	MP1C	X	0	.5
8	MP1C	Z	8.518	.5
9	MP1C	Mx	.009	.5
10	MP1C	X	0	4.5
11	MP1C	Z	8.518	4.5
12	MP1C	Mx	.009	4.5
13	MP4B	X	0	.5
14	MP4B	Z	8.518	.5
15	MP4B	Mx	-.009	.5
16	MP4B	X	0	4.5
17	MP4B	Z	8.518	4.5
18	MP4B	Mx	-.009	4.5
19	MP4C	X	0	.5
20	MP4C	Z	8.518	.5
21	MP4C	Mx	.009	.5
22	MP4C	X	0	4.5
23	MP4C	Z	8.518	4.5
24	MP4C	Mx	.009	4.5
25	MP1A	X	0	.5
26	MP1A	Z	4.177	.5
27	MP1A	Mx	0	.5
28	MP1A	X	0	4.5
29	MP1A	Z	4.177	4.5
30	MP1A	Mx	0	4.5
31	MP4A	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP4A	Z	4.177	.5
33	MP4A	Mx	0	.5
34	MP4A	X	0	4.5
35	MP4A	Z	4.177	4.5
36	MP4A	Mx	0	4.5
37	MP3A	X	0	.5
38	MP3A	Z	7.794	.5
39	MP3A	Mx	-.005	.5
40	MP3A	X	0	4.5
41	MP3A	Z	7.794	4.5
42	MP3A	Mx	-.005	4.5
43	MP3B	X	0	.5
44	MP3B	Z	5.813	.5
45	MP3B	Mx	-.003	.5
46	MP3B	X	0	4.5
47	MP3B	Z	5.813	4.5
48	MP3B	Mx	-.003	4.5
49	MP3C	X	0	.5
50	MP3C	Z	5.813	.5
51	MP3C	Mx	.006	.5
52	MP3C	X	0	4.5
53	MP3C	Z	5.813	4.5
54	MP3C	Mx	.006	4.5
55	MP3A	X	0	.5
56	MP3A	Z	7.765	.5
57	MP3A	Mx	.005	.5
58	MP3A	X	0	4.5
59	MP3A	Z	7.765	4.5
60	MP3A	Mx	.005	4.5
61	MP3B	X	0	.5
62	MP3B	Z	5.805	.5
63	MP3B	Mx	-.006	.5
64	MP3B	X	0	4.5
65	MP3B	Z	5.805	4.5
66	MP3B	Mx	-.006	4.5
67	MP3C	X	0	.5
68	MP3C	Z	5.805	.5
69	MP3C	Mx	.002	.5
70	MP3C	X	0	4.5
71	MP3C	Z	5.805	4.5
72	MP3C	Mx	.002	4.5
73	MP2A	X	0	1.5
74	MP2A	Z	4.533	1.5
75	MP2A	Mx	0	1.5
76	MP2A	X	0	3.5
77	MP2A	Z	4.533	3.5
78	MP2A	Mx	0	3.5
79	MP2B	X	0	1.5
80	MP2B	Z	2.464	1.5
81	MP2B	Mx	-.002	1.5
82	MP2B	X	0	3.5
83	MP2B	Z	2.464	3.5
84	MP2B	Mx	-.002	3.5
85	MP2C	X	0	1.5
86	MP2C	Z	2.464	1.5
87	MP2C	Mx	.002	1.5
88	MP2C	X	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2C	Z	2.464	3.5
90	MP2C	Mx	.002	3.5
91	O1	X	0	1
92	O1	Z	7.311	1
93	O1	Mx	0	1
94	MP2A	X	0	.5
95	MP2A	Z	1.929	.5
96	MP2A	Mx	0	.5
97	MP2B	X	0	.5
98	MP2B	Z	1.207	.5
99	MP2B	Mx	.000261	.5
100	MP2C	X	0	.5
101	MP2C	Z	1.207	.5
102	MP2C	Mx	-.000261	.5
103	MP3A	X	0	2
104	MP3A	Z	3.607	2
105	MP3A	Mx	0	2
106	MP3B	X	0	2
107	MP3B	Z	2.71	2
108	MP3B	Mx	.001	2
109	MP3C	X	0	2
110	MP3C	Z	2.71	2
111	MP3C	Mx	-.001	2
112	MP4A	X	0	2
113	MP4A	Z	3.607	2
114	MP4A	Mx	0	2
115	MP4B	X	0	2
116	MP4B	Z	2.548	2
117	MP4B	Mx	.001	2
118	MP4C	X	0	2
119	MP4C	Z	2.548	2
120	MP4C	Mx	-.001	2
121	O2	X	0	1
122	O2	Z	7.311	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-4.135	.5
2	MP1B	Z	7.163	.5
3	MP1B	Mx	-.01	.5
4	MP1B	X	-4.135	4.5
5	MP1B	Z	7.163	4.5
6	MP1B	Mx	-.01	4.5
7	MP1C	X	-4.506	.5
8	MP1C	Z	7.805	.5
9	MP1C	Mx	.006	.5
10	MP1C	X	-4.506	4.5
11	MP1C	Z	7.805	4.5
12	MP1C	Mx	.006	4.5
13	MP4B	X	-4.135	.5
14	MP4B	Z	7.163	.5
15	MP4B	Mx	-.01	.5
16	MP4B	X	-4.135	4.5
17	MP4B	Z	7.163	4.5
18	MP4B	Mx	-.01	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP4C	X	-4.506	.5
20	MP4C	Z	7.805	.5
21	MP4C	Mx	.006	.5
22	MP4C	X	-4.506	4.5
23	MP4C	Z	7.805	4.5
24	MP4C	Mx	.006	4.5
25	MP1A	X	-2.607	.5
26	MP1A	Z	4.515	.5
27	MP1A	Mx	.003	.5
28	MP1A	X	-2.607	4.5
29	MP1A	Z	4.515	4.5
30	MP1A	Mx	.003	4.5
31	MP4A	X	-2.607	.5
32	MP4A	Z	4.515	.5
33	MP4A	Mx	.003	.5
34	MP4A	X	-2.607	4.5
35	MP4A	Z	4.515	4.5
36	MP4A	Mx	.003	4.5
37	MP3A	X	-3.567	.5
38	MP3A	Z	6.178	.5
39	MP3A	Mx	-.000631	.5
40	MP3A	X	-3.567	4.5
41	MP3A	Z	6.178	4.5
42	MP3A	Mx	-.000631	4.5
43	MP3B	X	-2.576	.5
44	MP3B	Z	4.462	.5
45	MP3B	Mx	-.004	.5
46	MP3B	X	-2.576	4.5
47	MP3B	Z	4.462	4.5
48	MP3B	Mx	-.004	4.5
49	MP3C	X	-3.567	.5
50	MP3C	Z	6.178	.5
51	MP3C	Mx	.007	.5
52	MP3C	X	-3.567	4.5
53	MP3C	Z	6.178	4.5
54	MP3C	Mx	.007	4.5
55	MP3A	X	-3.556	.5
56	MP3A	Z	6.159	.5
57	MP3A	Mx	.007	.5
58	MP3A	X	-3.556	4.5
59	MP3A	Z	6.159	4.5
60	MP3A	Mx	.007	4.5
61	MP3B	X	-2.576	.5
62	MP3B	Z	4.462	.5
63	MP3B	Mx	-.004	.5
64	MP3B	X	-2.576	4.5
65	MP3B	Z	4.462	4.5
66	MP3B	Mx	-.004	4.5
67	MP3C	X	-3.556	.5
68	MP3C	Z	6.159	.5
69	MP3C	Mx	-.00063	.5
70	MP3C	X	-3.556	4.5
71	MP3C	Z	6.159	4.5
72	MP3C	Mx	-.00063	4.5
73	MP2A	X	-1.922	1.5
74	MP2A	Z	3.329	1.5
75	MP2A	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP2A	X	-1.922	3.5
77	MP2A	Z	3.329	3.5
78	MP2A	Mx	.002	3.5
79	MP2B	X	-.887	1.5
80	MP2B	Z	1.537	1.5
81	MP2B	Mx	-.001	1.5
82	MP2B	X	-.887	3.5
83	MP2B	Z	1.537	3.5
84	MP2B	Mx	-.001	3.5
85	MP2C	X	-1.922	1.5
86	MP2C	Z	3.329	1.5
87	MP2C	Mx	.002	1.5
88	MP2C	X	-1.922	3.5
89	MP2C	Z	3.329	3.5
90	MP2C	Mx	.002	3.5
91	O1	X	-3.347	1
92	O1	Z	5.797	1
93	O1	Mx	0	1
94	MP2A	X	-.844	.5
95	MP2A	Z	1.462	.5
96	MP2A	Mx	-.000211	.5
97	MP2B	X	-.483	.5
98	MP2B	Z	.837	.5
99	MP2B	Mx	.000242	.5
100	MP2C	X	-.844	.5
101	MP2C	Z	1.462	.5
102	MP2C	Mx	-.000211	.5
103	MP3A	X	-1.654	2
104	MP3A	Z	2.865	2
105	MP3A	Mx	-.000827	2
106	MP3B	X	-1.206	2
107	MP3B	Z	2.088	2
108	MP3B	Mx	.001	2
109	MP3C	X	-1.654	2
110	MP3C	Z	2.865	2
111	MP3C	Mx	-.000827	2
112	MP4A	X	-1.627	2
113	MP4A	Z	2.818	2
114	MP4A	Mx	-.000814	2
115	MP4B	X	-1.097	2
116	MP4B	Z	1.9	2
117	MP4B	Mx	.001	2
118	MP4C	X	-1.627	2
119	MP4C	Z	2.818	2
120	MP4C	Mx	-.000813	2
121	O2	X	-3.347	1
122	O2	Z	5.797	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-7.377	.5
2	MP1B	Z	4.259	.5
3	MP1B	Mx	-.009	.5
4	MP1B	X	-7.377	4.5
5	MP1B	Z	4.259	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1B	Mx	-.009	4.5
7	MP1C	X	-8.019	.5
8	MP1C	Z	4.63	.5
9	MP1C	Mx	0	.5
10	MP1C	X	-8.019	4.5
11	MP1C	Z	4.63	4.5
12	MP1C	Mx	0	4.5
13	MP4B	X	-7.377	.5
14	MP4B	Z	4.259	.5
15	MP4B	Mx	-.009	.5
16	MP4B	X	-7.377	4.5
17	MP4B	Z	4.259	4.5
18	MP4B	Mx	-.009	4.5
19	MP4C	X	-8.019	.5
20	MP4C	Z	4.63	.5
21	MP4C	Mx	0	.5
22	MP4C	X	-8.019	4.5
23	MP4C	Z	4.63	4.5
24	MP4C	Mx	0	4.5
25	MP1A	X	-6.31	.5
26	MP1A	Z	3.643	.5
27	MP1A	Mx	.008	.5
28	MP1A	X	-6.31	4.5
29	MP1A	Z	3.643	4.5
30	MP1A	Mx	.008	4.5
31	MP4A	X	-6.31	.5
32	MP4A	Z	3.643	.5
33	MP4A	Mx	.008	.5
34	MP4A	X	-6.31	4.5
35	MP4A	Z	3.643	4.5
36	MP4A	Mx	.008	4.5
37	MP3A	X	-5.034	.5
38	MP3A	Z	2.906	.5
39	MP3A	Mx	.003	.5
40	MP3A	X	-5.034	4.5
41	MP3A	Z	2.906	4.5
42	MP3A	Mx	.003	4.5
43	MP3B	X	-5.034	.5
44	MP3B	Z	2.906	.5
45	MP3B	Mx	-.006	.5
46	MP3B	X	-5.034	4.5
47	MP3B	Z	2.906	4.5
48	MP3B	Mx	-.006	4.5
49	MP3C	X	-6.749	.5
50	MP3C	Z	3.897	.5
51	MP3C	Mx	.005	.5
52	MP3C	X	-6.749	4.5
53	MP3C	Z	3.897	4.5
54	MP3C	Mx	.005	4.5
55	MP3A	X	-5.028	.5
56	MP3A	Z	2.903	.5
57	MP3A	Mx	.006	.5
58	MP3A	X	-5.028	4.5
59	MP3A	Z	2.903	4.5
60	MP3A	Mx	.006	4.5
61	MP3B	X	-5.028	.5
62	MP3B	Z	2.903	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3B	Mx	-.002	.5
64	MP3B	X	-5.028	4.5
65	MP3B	Z	2.903	4.5
66	MP3B	Mx	-.002	4.5
67	MP3C	X	-6.724	.5
68	MP3C	Z	3.882	.5
69	MP3C	Mx	-.005	.5
70	MP3C	X	-6.724	4.5
71	MP3C	Z	3.882	4.5
72	MP3C	Mx	-.005	4.5
73	MP2A	X	-2.134	1.5
74	MP2A	Z	1.232	1.5
75	MP2A	Mx	.002	1.5
76	MP2A	X	-2.134	3.5
77	MP2A	Z	1.232	3.5
78	MP2A	Mx	.002	3.5
79	MP2B	X	-2.134	1.5
80	MP2B	Z	1.232	1.5
81	MP2B	Mx	-.002	1.5
82	MP2B	X	-2.134	3.5
83	MP2B	Z	1.232	3.5
84	MP2B	Mx	-.002	3.5
85	MP2C	X	-3.926	1.5
86	MP2C	Z	2.267	1.5
87	MP2C	Mx	0	1.5
88	MP2C	X	-3.926	3.5
89	MP2C	Z	2.267	3.5
90	MP2C	Mx	0	3.5
91	O1	X	-4.726	1
92	O1	Z	2.729	1
93	O1	Mx	0	1
94	MP2A	X	-1.046	.5
95	MP2A	Z	.604	.5
96	MP2A	Mx	-.000262	.5
97	MP2B	X	-1.046	.5
98	MP2B	Z	.604	.5
99	MP2B	Mx	.000262	.5
100	MP2C	X	-1.671	.5
101	MP2C	Z	.965	.5
102	MP2C	Mx	0	.5
103	MP3A	X	-2.347	2
104	MP3A	Z	1.355	2
105	MP3A	Mx	-.001	2
106	MP3B	X	-2.347	2
107	MP3B	Z	1.355	2
108	MP3B	Mx	.001	2
109	MP3C	X	-3.124	2
110	MP3C	Z	1.804	2
111	MP3C	Mx	0	2
112	MP4A	X	-2.206	2
113	MP4A	Z	1.274	2
114	MP4A	Mx	-.001	2
115	MP4B	X	-2.206	2
116	MP4B	Z	1.274	2
117	MP4B	Mx	.001	2
118	MP4C	X	-3.124	2
119	MP4C	Z	1.804	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
120	MP4C	Mx	0	2
121	O2	X	-4.726	1
122	O2	Z	2.729	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-9.012	.5
2	MP1B	Z	0	.5
3	MP1B	Mx	-.006	.5
4	MP1B	X	-9.012	4.5
5	MP1B	Z	0	4.5
6	MP1B	Mx	-.006	4.5
7	MP1C	X	-9.012	.5
8	MP1C	Z	0	.5
9	MP1C	Mx	-.006	.5
10	MP1C	X	-9.012	4.5
11	MP1C	Z	0	4.5
12	MP1C	Mx	-.006	4.5
13	MP4B	X	-9.012	.5
14	MP4B	Z	0	.5
15	MP4B	Mx	-.006	.5
16	MP4B	X	-9.012	4.5
17	MP4B	Z	0	4.5
18	MP4B	Mx	-.006	4.5
19	MP4C	X	-9.012	.5
20	MP4C	Z	0	.5
21	MP4C	Mx	-.006	.5
22	MP4C	X	-9.012	4.5
23	MP4C	Z	0	4.5
24	MP4C	Mx	-.006	4.5
25	MP1A	X	-8.323	.5
26	MP1A	Z	0	.5
27	MP1A	Mx	.01	.5
28	MP1A	X	-8.323	4.5
29	MP1A	Z	0	4.5
30	MP1A	Mx	.01	4.5
31	MP4A	X	-8.323	.5
32	MP4A	Z	0	.5
33	MP4A	Mx	.01	.5
34	MP4A	X	-8.323	4.5
35	MP4A	Z	0	4.5
36	MP4A	Mx	.01	4.5
37	MP3A	X	-5.152	.5
38	MP3A	Z	0	.5
39	MP3A	Mx	.004	.5
40	MP3A	X	-5.152	4.5
41	MP3A	Z	0	4.5
42	MP3A	Mx	.004	4.5
43	MP3B	X	-7.133	.5
44	MP3B	Z	0	.5
45	MP3B	Mx	-.007	.5
46	MP3B	X	-7.133	4.5
47	MP3B	Z	0	4.5
48	MP3B	Mx	-.007	4.5
49	MP3C	X	-7.133	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3C	Z	0	.5
51	MP3C	Mx	.000631	.5
52	MP3C	X	-7.133	4.5
53	MP3C	Z	0	4.5
54	MP3C	Mx	.000631	4.5
55	MP3A	X	-5.152	.5
56	MP3A	Z	0	.5
57	MP3A	Mx	.004	.5
58	MP3A	X	-5.152	4.5
59	MP3A	Z	0	4.5
60	MP3A	Mx	.004	4.5
61	MP3B	X	-7.112	.5
62	MP3B	Z	0	.5
63	MP3B	Mx	.00063	.5
64	MP3B	X	-7.112	4.5
65	MP3B	Z	0	4.5
66	MP3B	Mx	.00063	4.5
67	MP3C	X	-7.112	.5
68	MP3C	Z	0	.5
69	MP3C	Mx	-.007	.5
70	MP3C	X	-7.112	4.5
71	MP3C	Z	0	4.5
72	MP3C	Mx	-.007	4.5
73	MP2A	X	-1.775	1.5
74	MP2A	Z	0	1.5
75	MP2A	Mx	.001	1.5
76	MP2A	X	-1.775	3.5
77	MP2A	Z	0	3.5
78	MP2A	Mx	.001	3.5
79	MP2B	X	-3.844	1.5
80	MP2B	Z	0	1.5
81	MP2B	Mx	-.002	1.5
82	MP2B	X	-3.844	3.5
83	MP2B	Z	0	3.5
84	MP2B	Mx	-.002	3.5
85	MP2C	X	-3.844	1.5
86	MP2C	Z	0	1.5
87	MP2C	Mx	-.002	1.5
88	MP2C	X	-3.844	3.5
89	MP2C	Z	0	3.5
90	MP2C	Mx	-.002	3.5
91	O1	X	-4.84	1
92	O1	Z	0	1
93	O1	Mx	0	1
94	MP2A	X	-.967	.5
95	MP2A	Z	0	.5
96	MP2A	Mx	-.000242	.5
97	MP2B	X	-1.688	.5
98	MP2B	Z	0	.5
99	MP2B	Mx	.000211	.5
100	MP2C	X	-1.688	.5
101	MP2C	Z	0	.5
102	MP2C	Mx	.000211	.5
103	MP3A	X	-2.411	2
104	MP3A	Z	0	2
105	MP3A	Mx	-.001	2
106	MP3B	X	-3.308	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
107	MP3B	Z	0	2
108	MP3B	Mx	.000827	2
109	MP3C	X	-3.308	2
110	MP3C	Z	0	2
111	MP3C	Mx	.000827	2
112	MP4A	X	-2.194	2
113	MP4A	Z	0	2
114	MP4A	Mx	-.001	2
115	MP4B	X	-3.254	2
116	MP4B	Z	0	2
117	MP4B	Mx	.000814	2
118	MP4C	X	-3.254	2
119	MP4C	Z	0	2
120	MP4C	Mx	.000814	2
121	O2	X	-4.84	1
122	O2	Z	0	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-8.019	.5
2	MP1B	Z	-4.63	.5
3	MP1B	Mx	0	.5
4	MP1B	X	-8.019	4.5
5	MP1B	Z	-4.63	4.5
6	MP1B	Mx	0	4.5
7	MP1C	X	-7.377	.5
8	MP1C	Z	-4.259	.5
9	MP1C	Mx	-.009	.5
10	MP1C	X	-7.377	4.5
11	MP1C	Z	-4.259	4.5
12	MP1C	Mx	-.009	4.5
13	MP4B	X	-8.019	.5
14	MP4B	Z	-4.63	.5
15	MP4B	Mx	0	.5
16	MP4B	X	-8.019	4.5
17	MP4B	Z	-4.63	4.5
18	MP4B	Mx	0	4.5
19	MP4C	X	-7.377	.5
20	MP4C	Z	-4.259	.5
21	MP4C	Mx	-.009	.5
22	MP4C	X	-7.377	4.5
23	MP4C	Z	-4.259	4.5
24	MP4C	Mx	-.009	4.5
25	MP1A	X	-6.31	.5
26	MP1A	Z	-3.643	.5
27	MP1A	Mx	.008	.5
28	MP1A	X	-6.31	4.5
29	MP1A	Z	-3.643	4.5
30	MP1A	Mx	.008	4.5
31	MP4A	X	-6.31	.5
32	MP4A	Z	-3.643	.5
33	MP4A	Mx	.008	.5
34	MP4A	X	-6.31	4.5
35	MP4A	Z	-3.643	4.5
36	MP4A	Mx	.008	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	-5.034	.5
38	MP3A	Z	-2.906	.5
39	MP3A	Mx	.006	.5
40	MP3A	X	-5.034	4.5
41	MP3A	Z	-2.906	4.5
42	MP3A	Mx	.006	4.5
43	MP3B	X	-6.749	.5
44	MP3B	Z	-3.897	.5
45	MP3B	Mx	-.005	.5
46	MP3B	X	-6.749	4.5
47	MP3B	Z	-3.897	4.5
48	MP3B	Mx	-.005	4.5
49	MP3C	X	-5.034	.5
50	MP3C	Z	-2.906	.5
51	MP3C	Mx	-.002	.5
52	MP3C	X	-5.034	4.5
53	MP3C	Z	-2.906	4.5
54	MP3C	Mx	-.002	4.5
55	MP3A	X	-5.028	.5
56	MP3A	Z	-2.903	.5
57	MP3A	Mx	.002	.5
58	MP3A	X	-5.028	4.5
59	MP3A	Z	-2.903	4.5
60	MP3A	Mx	.002	4.5
61	MP3B	X	-6.724	.5
62	MP3B	Z	-3.882	.5
63	MP3B	Mx	.005	.5
64	MP3B	X	-6.724	4.5
65	MP3B	Z	-3.882	4.5
66	MP3B	Mx	.005	4.5
67	MP3C	X	-5.028	.5
68	MP3C	Z	-2.903	.5
69	MP3C	Mx	-.006	.5
70	MP3C	X	-5.028	4.5
71	MP3C	Z	-2.903	4.5
72	MP3C	Mx	-.006	4.5
73	MP2A	X	-2.134	1.5
74	MP2A	Z	-1.232	1.5
75	MP2A	Mx	.002	1.5
76	MP2A	X	-2.134	3.5
77	MP2A	Z	-1.232	3.5
78	MP2A	Mx	.002	3.5
79	MP2B	X	-3.926	1.5
80	MP2B	Z	-2.267	1.5
81	MP2B	Mx	0	1.5
82	MP2B	X	-3.926	3.5
83	MP2B	Z	-2.267	3.5
84	MP2B	Mx	0	3.5
85	MP2C	X	-2.134	1.5
86	MP2C	Z	-1.232	1.5
87	MP2C	Mx	-.002	1.5
88	MP2C	X	-2.134	3.5
89	MP2C	Z	-1.232	3.5
90	MP2C	Mx	-.002	3.5
91	O1	X	-4.726	1
92	O1	Z	-2.729	1
93	O1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP2A	X	-1.046	.5
95	MP2A	Z	-.604	.5
96	MP2A	Mx	-.000262	.5
97	MP2B	X	-1.671	.5
98	MP2B	Z	-.965	.5
99	MP2B	Mx	0	.5
100	MP2C	X	-1.046	.5
101	MP2C	Z	-.604	.5
102	MP2C	Mx	.000262	.5
103	MP3A	X	-2.347	2
104	MP3A	Z	-1.355	2
105	MP3A	Mx	-.001	2
106	MP3B	X	-3.124	2
107	MP3B	Z	-1.804	2
108	MP3B	Mx	0	2
109	MP3C	X	-2.347	2
110	MP3C	Z	-1.355	2
111	MP3C	Mx	.001	2
112	MP4A	X	-2.206	2
113	MP4A	Z	-1.274	2
114	MP4A	Mx	-.001	2
115	MP4B	X	-3.124	2
116	MP4B	Z	-1.804	2
117	MP4B	Mx	0	2
118	MP4C	X	-2.206	2
119	MP4C	Z	-1.274	2
120	MP4C	Mx	.001	2
121	O2	X	-4.726	1
122	O2	Z	-2.729	1
123	O2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1B	X	-4.506	.5
2	MP1B	Z	-7.805	.5
3	MP1B	Mx	.006	.5
4	MP1B	X	-4.506	4.5
5	MP1B	Z	-7.805	4.5
6	MP1B	Mx	.006	4.5
7	MP1C	X	-4.135	.5
8	MP1C	Z	-7.163	.5
9	MP1C	Mx	-.01	.5
10	MP1C	X	-4.135	4.5
11	MP1C	Z	-7.163	4.5
12	MP1C	Mx	-.01	4.5
13	MP4B	X	-4.506	.5
14	MP4B	Z	-7.805	.5
15	MP4B	Mx	.006	.5
16	MP4B	X	-4.506	4.5
17	MP4B	Z	-7.805	4.5
18	MP4B	Mx	.006	4.5
19	MP4C	X	-4.135	.5
20	MP4C	Z	-7.163	.5
21	MP4C	Mx	-.01	.5
22	MP4C	X	-4.135	4.5
23	MP4C	Z	-7.163	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP4C	Mx	-.01	4.5
25	MP1A	X	-2.607	.5
26	MP1A	Z	-4.515	.5
27	MP1A	Mx	.003	.5
28	MP1A	X	-2.607	4.5
29	MP1A	Z	-4.515	4.5
30	MP1A	Mx	.003	4.5
31	MP4A	X	-2.607	.5
32	MP4A	Z	-4.515	.5
33	MP4A	Mx	.003	.5
34	MP4A	X	-2.607	4.5
35	MP4A	Z	-4.515	4.5
36	MP4A	Mx	.003	4.5
37	MP3A	X	-3.567	.5
38	MP3A	Z	-6.178	.5
39	MP3A	Mx	.007	.5
40	MP3A	X	-3.567	4.5
41	MP3A	Z	-6.178	4.5
42	MP3A	Mx	.007	4.5
43	MP3B	X	-3.567	.5
44	MP3B	Z	-6.178	.5
45	MP3B	Mx	-.000632	.5
46	MP3B	X	-3.567	4.5
47	MP3B	Z	-6.178	4.5
48	MP3B	Mx	-.000632	4.5
49	MP3C	X	-2.576	.5
50	MP3C	Z	-4.462	.5
51	MP3C	Mx	-.004	.5
52	MP3C	X	-2.576	4.5
53	MP3C	Z	-4.462	4.5
54	MP3C	Mx	-.004	4.5
55	MP3A	X	-3.556	.5
56	MP3A	Z	-6.159	.5
57	MP3A	Mx	-.000629	.5
58	MP3A	X	-3.556	4.5
59	MP3A	Z	-6.159	4.5
60	MP3A	Mx	-.000629	4.5
61	MP3B	X	-3.556	.5
62	MP3B	Z	-6.159	.5
63	MP3B	Mx	.007	.5
64	MP3B	X	-3.556	4.5
65	MP3B	Z	-6.159	4.5
66	MP3B	Mx	.007	4.5
67	MP3C	X	-2.576	.5
68	MP3C	Z	-4.462	.5
69	MP3C	Mx	-.004	.5
70	MP3C	X	-2.576	4.5
71	MP3C	Z	-4.462	4.5
72	MP3C	Mx	-.004	4.5
73	MP2A	X	-1.922	1.5
74	MP2A	Z	-3.329	1.5
75	MP2A	Mx	.002	1.5
76	MP2A	X	-1.922	3.5
77	MP2A	Z	-3.329	3.5
78	MP2A	Mx	.002	3.5
79	MP2B	X	-1.922	1.5
80	MP2B	Z	-3.329	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP2B	Mx	.002	1.5
82	MP2B	X	-1.922	3.5
83	MP2B	Z	-3.329	3.5
84	MP2B	Mx	.002	3.5
85	MP2C	X	-.887	1.5
86	MP2C	Z	-1.537	1.5
87	MP2C	Mx	-.001	1.5
88	MP2C	X	-.887	3.5
89	MP2C	Z	-1.537	3.5
90	MP2C	Mx	-.001	3.5
91	O1	X	-3.347	1
92	O1	Z	-5.797	1
93	O1	Mx	0	1
94	MP2A	X	-.844	.5
95	MP2A	Z	-1.462	.5
96	MP2A	Mx	-.000211	.5
97	MP2B	X	-.844	.5
98	MP2B	Z	-1.462	.5
99	MP2B	Mx	-.000211	.5
100	MP2C	X	-.483	.5
101	MP2C	Z	-.837	.5
102	MP2C	Mx	.000242	.5
103	MP3A	X	-1.654	2
104	MP3A	Z	-2.865	2
105	MP3A	Mx	-.000827	2
106	MP3B	X	-1.654	2
107	MP3B	Z	-2.865	2
108	MP3B	Mx	-.000827	2
109	MP3C	X	-1.206	2
110	MP3C	Z	-2.088	2
111	MP3C	Mx	.001	2
112	MP4A	X	-1.627	2
113	MP4A	Z	-2.818	2
114	MP4A	Mx	-.000814	2
115	MP4B	X	-1.627	2
116	MP4B	Z	-2.818	2
117	MP4B	Mx	-.000813	2
118	MP4C	X	-1.097	2
119	MP4C	Z	-1.9	2
120	MP4C	Mx	.001	2
121	O2	X	-3.347	1
122	O2	Z	-5.797	1
123	O2	Mx	0	1

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%95.5

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%79

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-10.719	-10.719	0	%100
2	M4	Y	-15.173	-15.173	0	%100
3	M10	Y	-15.173	-15.173	0	%100
4	M43	Y	-15.173	-15.173	0	%100
5	M46	Y	-15.925	-15.925	0	%100
6	M51B	Y	-9.332	-9.332	0	%100
7	M52B	Y	-9.332	-9.332	0	%100
8	M76	Y	-15.906	-15.906	0	%100
9	M77	Y	-15.906	-15.906	0	%100
10	M80	Y	-15.925	-15.925	0	%100
11	M84	Y	-15.906	-15.906	0	%100
12	M85	Y	-15.906	-15.906	0	%100
13	M91	Y	-15.925	-15.925	0	%100
14	M26	Y	-10.719	-10.719	0	%100
15	M27	Y	-10.719	-10.719	0	%100
16	M28	Y	-15.173	-15.173	0	%100
17	M29	Y	-15.173	-15.173	0	%100
18	M30	Y	-15.173	-15.173	0	%100
19	M31	Y	-15.925	-15.925	0	%100
20	M34	Y	-9.332	-9.332	0	%100
21	M35	Y	-9.332	-9.332	0	%100
22	M39	Y	-15.906	-15.906	0	%100
23	M40	Y	-15.906	-15.906	0	%100
24	M42	Y	-15.925	-15.925	0	%100
25	M44	Y	-15.906	-15.906	0	%100
26	M45	Y	-15.906	-15.906	0	%100
27	M47	Y	-15.925	-15.925	0	%100
28	M52A	Y	-15.173	-15.173	0	%100
29	M53	Y	-15.173	-15.173	0	%100
30	M54	Y	-15.173	-15.173	0	%100
31	M55	Y	-15.925	-15.925	0	%100
32	M58A	Y	-9.332	-9.332	0	%100
33	M59A	Y	-9.332	-9.332	0	%100
34	M63	Y	-15.906	-15.906	0	%100
35	M64	Y	-15.906	-15.906	0	%100
36	M66	Y	-15.925	-15.925	0	%100
37	M68	Y	-15.906	-15.906	0	%100
38	M69	Y	-15.906	-15.906	0	%100
39	M71	Y	-15.925	-15.925	0	%100
40	MP1A	Y	-8.396	-8.396	0	%100
41	MP4A	Y	-8.396	-8.396	0	%100
42	MP3A	Y	-9.428	-9.428	0	%100
43	MP2A	Y	-8.396	-8.396	0	%100
44	MP4B	Y	-8.396	-8.396	0	%100
45	MP1B	Y	-8.396	-8.396	0	%100
46	MP3B	Y	-9.428	-9.428	0	%100
47	MP2B	Y	-8.396	-8.396	0	%100
48	MP4C	Y	-8.396	-8.396	0	%100
49	MP3C	Y	-9.428	-9.428	0	%100
50	MP2C	Y	-8.396	-8.396	0	%100
51	MP1C	Y	-8.396	-8.396	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,%]
52	O1	Y	-8.396	-8.396	0	%100
53	O2	Y	-8.396	-8.396	0	%100
54	M104	Y	-9.428	-9.428	0	%100
55	M105	Y	-9.428	-9.428	0	%100
56	M106	Y	-9.428	-9.428	0	%100
57	M125	Y	-12.253	-12.253	0	%100
58	M126	Y	-12.253	-12.253	0	%100
59	M127	Y	-12.253	-12.253	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	-9.922	-9.922	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-8.527	-8.527	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-8.527	-8.527	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-17.008	-17.008	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-2.361	-2.361	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-2.361	-2.361	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-4.331	-4.331	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-4.562	-4.562	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-4.331	-4.331	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-4.562	-4.562	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-2.48	-2.48	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-2.48	-2.48	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-7.584	-7.584	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-2.132	-2.132	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	-2.132	-2.132	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	-4.252	-4.252	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	-2.361	-2.361	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	-9.444	-9.444	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-12.756	-12.756	0	%100
45	M40	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M40	Z	-4.331	-4.331	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	-4.562	-4.562	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-12.756	-12.756	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	-17.323	-17.323	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	-18.246	-18.246	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-7.584	-7.584	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-2.132	-2.132	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-2.132	-2.132	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	-4.252	-4.252	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	-9.444	-9.444	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	-2.361	-2.361	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	-12.756	-12.756	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	-17.323	-17.323	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-18.246	-18.246	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	-12.756	-12.756	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	-4.331	-4.331	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	-4.562	-4.562	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	-6.732	-6.732	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	-6.732	-6.732	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-8.15	-8.15	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	-6.732	-6.732	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-6.732	-6.732	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	-6.732	-6.732	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-8.15	-8.15	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-6.732	-6.732	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-6.732	-6.732	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	-8.15	-8.15	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	-6.732	-6.732	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	-6.732	-6.732	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,%]
103	O1	X	0	0	0	%100
104	O1	Z	-5.505	-5.505	0	%100
105	O2	X	0	0	0	%100
106	O2	Z	-5.505	-5.505	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	-8.15	-8.15	0	%100
109	M105	X	0	0	0	%100
110	M105	Z	-2.037	-2.037	0	%100
111	M106	X	0	0	0	%100
112	M106	Z	-2.037	-2.037	0	%100
113	M125	X	0	0	0	%100
114	M125	Z	-2.699	-2.699	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	-2.699	-2.699	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	-10.795	-10.795	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	3.721	3.721	0	%100
2	M1	Z	-6.444	-6.444	0	%100
3	M4	X	1.264	1.264	0	%100
4	M4	Z	-2.189	-2.189	0	%100
5	M10	X	3.198	3.198	0	%100
6	M10	Z	-5.539	-5.539	0	%100
7	M43	X	3.198	3.198	0	%100
8	M43	Z	-5.539	-5.539	0	%100
9	M46	X	6.378	6.378	0	%100
10	M46	Z	-11.047	-11.047	0	%100
11	M51B	X	3.542	3.542	0	%100
12	M51B	Z	-6.134	-6.134	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	2.126	2.126	0	%100
16	M76	Z	-3.682	-3.682	0	%100
17	M77	X	6.496	6.496	0	%100
18	M77	Z	-11.252	-11.252	0	%100
19	M80	X	6.842	6.842	0	%100
20	M80	Z	-11.851	-11.851	0	%100
21	M84	X	2.126	2.126	0	%100
22	M84	Z	-3.682	-3.682	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	3.721	3.721	0	%100
28	M26	Z	-6.444	-6.444	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	1.264	1.264	0	%100
32	M28	Z	-2.189	-2.189	0	%100
33	M29	X	3.198	3.198	0	%100
34	M29	Z	-5.539	-5.539	0	%100
35	M30	X	3.198	3.198	0	%100
36	M30	Z	-5.539	-5.539	0	%100
37	M31	X	6.378	6.378	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,%]
38	M31	Z	-11.047	-11.047	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	3.542	3.542	0	%100
42	M35	Z	-6.134	-6.134	0	%100
43	M39	X	2.126	2.126	0	%100
44	M39	Z	-3.682	-3.682	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	2.126	2.126	0	%100
50	M44	Z	-3.682	-3.682	0	%100
51	M45	X	6.496	6.496	0	%100
52	M45	Z	-11.252	-11.252	0	%100
53	M47	X	6.842	6.842	0	%100
54	M47	Z	-11.851	-11.851	0	%100
55	M52A	X	5.056	5.056	0	%100
56	M52A	Z	-8.757	-8.757	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	3.542	3.542	0	%100
64	M58A	Z	-6.134	-6.134	0	%100
65	M59A	X	3.542	3.542	0	%100
66	M59A	Z	-6.134	-6.134	0	%100
67	M63	X	8.504	8.504	0	%100
68	M63	Z	-14.73	-14.73	0	%100
69	M64	X	6.496	6.496	0	%100
70	M64	Z	-11.252	-11.252	0	%100
71	M66	X	6.842	6.842	0	%100
72	M66	Z	-11.851	-11.851	0	%100
73	M68	X	8.504	8.504	0	%100
74	M68	Z	-14.73	-14.73	0	%100
75	M69	X	6.496	6.496	0	%100
76	M69	Z	-11.252	-11.252	0	%100
77	M71	X	6.842	6.842	0	%100
78	M71	Z	-11.851	-11.851	0	%100
79	MP1A	X	3.366	3.366	0	%100
80	MP1A	Z	-5.83	-5.83	0	%100
81	MP4A	X	3.366	3.366	0	%100
82	MP4A	Z	-5.83	-5.83	0	%100
83	MP3A	X	4.075	4.075	0	%100
84	MP3A	Z	-7.058	-7.058	0	%100
85	MP2A	X	3.366	3.366	0	%100
86	MP2A	Z	-5.83	-5.83	0	%100
87	MP4B	X	3.366	3.366	0	%100
88	MP4B	Z	-5.83	-5.83	0	%100
89	MP1B	X	3.366	3.366	0	%100
90	MP1B	Z	-5.83	-5.83	0	%100
91	MP3B	X	4.075	4.075	0	%100
92	MP3B	Z	-7.058	-7.058	0	%100
93	MP2B	X	3.366	3.366	0	%100
94	MP2B	Z	-5.83	-5.83	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,%]
95	MP4C	X	3.366	3.366	0	%100
96	MP4C	Z	-5.83	-5.83	0	%100
97	MP3C	X	4.075	4.075	0	%100
98	MP3C	Z	-7.058	-7.058	0	%100
99	MP2C	X	3.366	3.366	0	%100
100	MP2C	Z	-5.83	-5.83	0	%100
101	MP1C	X	3.366	3.366	0	%100
102	MP1C	Z	-5.83	-5.83	0	%100
103	O1	X	2.753	2.753	0	%100
104	O1	Z	-4.768	-4.768	0	%100
105	O2	X	2.753	2.753	0	%100
106	O2	Z	-4.768	-4.768	0	%100
107	M104	X	3.056	3.056	0	%100
108	M104	Z	-5.293	-5.293	0	%100
109	M105	X	3.056	3.056	0	%100
110	M105	Z	-5.293	-5.293	0	%100
111	M106	X	0	0	0	%100
112	M106	Z	0	0	0	%100
113	M125	X	4.048	4.048	0	%100
114	M125	Z	-7.012	-7.012	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	4.048	4.048	0	%100
118	M127	Z	-7.012	-7.012	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.148	2.148	0	%100
2	M1	Z	-1.24	-1.24	0	%100
3	M4	X	6.568	6.568	0	%100
4	M4	Z	-3.792	-3.792	0	%100
5	M10	X	1.846	1.846	0	%100
6	M10	Z	-1.066	-1.066	0	%100
7	M43	X	1.846	1.846	0	%100
8	M43	Z	-1.066	-1.066	0	%100
9	M46	X	3.682	3.682	0	%100
10	M46	Z	-2.126	-2.126	0	%100
11	M51B	X	8.179	8.179	0	%100
12	M51B	Z	-4.722	-4.722	0	%100
13	M52B	X	2.045	2.045	0	%100
14	M52B	Z	-1.181	-1.181	0	%100
15	M76	X	11.047	11.047	0	%100
16	M76	Z	-6.378	-6.378	0	%100
17	M77	X	15.002	15.002	0	%100
18	M77	Z	-8.662	-8.662	0	%100
19	M80	X	15.802	15.802	0	%100
20	M80	Z	-9.123	-9.123	0	%100
21	M84	X	11.047	11.047	0	%100
22	M84	Z	-6.378	-6.378	0	%100
23	M85	X	3.751	3.751	0	%100
24	M85	Z	-2.165	-2.165	0	%100
25	M91	X	3.95	3.95	0	%100
26	M91	Z	-2.281	-2.281	0	%100
27	M26	X	8.592	8.592	0	%100
28	M26	Z	-4.961	-4.961	0	%100
29	M27	X	2.148	2.148	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,%]
30	M27	Z	-1.24	-1.24	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	7.385	7.385	0	%100
34	M29	Z	-4.264	-4.264	0	%100
35	M30	X	7.385	7.385	0	%100
36	M30	Z	-4.264	-4.264	0	%100
37	M31	X	14.73	14.73	0	%100
38	M31	Z	-8.504	-8.504	0	%100
39	M34	X	2.045	2.045	0	%100
40	M34	Z	-1.181	-1.181	0	%100
41	M35	X	2.045	2.045	0	%100
42	M35	Z	-1.181	-1.181	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	3.751	3.751	0	%100
46	M40	Z	-2.165	-2.165	0	%100
47	M42	X	3.95	3.95	0	%100
48	M42	Z	-2.281	-2.281	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	3.751	3.751	0	%100
52	M45	Z	-2.165	-2.165	0	%100
53	M47	X	3.95	3.95	0	%100
54	M47	Z	-2.281	-2.281	0	%100
55	M52A	X	6.568	6.568	0	%100
56	M52A	Z	-3.792	-3.792	0	%100
57	M53	X	1.846	1.846	0	%100
58	M53	Z	-1.066	-1.066	0	%100
59	M54	X	1.846	1.846	0	%100
60	M54	Z	-1.066	-1.066	0	%100
61	M55	X	3.682	3.682	0	%100
62	M55	Z	-2.126	-2.126	0	%100
63	M58A	X	2.045	2.045	0	%100
64	M58A	Z	-1.181	-1.181	0	%100
65	M59A	X	8.179	8.179	0	%100
66	M59A	Z	-4.722	-4.722	0	%100
67	M63	X	11.047	11.047	0	%100
68	M63	Z	-6.378	-6.378	0	%100
69	M64	X	3.751	3.751	0	%100
70	M64	Z	-2.165	-2.165	0	%100
71	M66	X	3.95	3.95	0	%100
72	M66	Z	-2.281	-2.281	0	%100
73	M68	X	11.047	11.047	0	%100
74	M68	Z	-6.378	-6.378	0	%100
75	M69	X	15.002	15.002	0	%100
76	M69	Z	-8.662	-8.662	0	%100
77	M71	X	15.802	15.802	0	%100
78	M71	Z	-9.123	-9.123	0	%100
79	MP1A	X	5.83	5.83	0	%100
80	MP1A	Z	-3.366	-3.366	0	%100
81	MP4A	X	5.83	5.83	0	%100
82	MP4A	Z	-3.366	-3.366	0	%100
83	MP3A	X	7.058	7.058	0	%100
84	MP3A	Z	-4.075	-4.075	0	%100
85	MP2A	X	5.83	5.83	0	%100
86	MP2A	Z	-3.366	-3.366	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,%]
87	MP4B	X	5.83	5.83	0	%100
88	MP4B	Z	-3.366	-3.366	0	%100
89	MP1B	X	5.83	5.83	0	%100
90	MP1B	Z	-3.366	-3.366	0	%100
91	MP3B	X	7.058	7.058	0	%100
92	MP3B	Z	-4.075	-4.075	0	%100
93	MP2B	X	5.83	5.83	0	%100
94	MP2B	Z	-3.366	-3.366	0	%100
95	MP4C	X	5.83	5.83	0	%100
96	MP4C	Z	-3.366	-3.366	0	%100
97	MP3C	X	7.058	7.058	0	%100
98	MP3C	Z	-4.075	-4.075	0	%100
99	MP2C	X	5.83	5.83	0	%100
100	MP2C	Z	-3.366	-3.366	0	%100
101	MP1C	X	5.83	5.83	0	%100
102	MP1C	Z	-3.366	-3.366	0	%100
103	O1	X	4.768	4.768	0	%100
104	O1	Z	-2.753	-2.753	0	%100
105	O2	X	4.768	4.768	0	%100
106	O2	Z	-2.753	-2.753	0	%100
107	M104	X	1.764	1.764	0	%100
108	M104	Z	-1.019	-1.019	0	%100
109	M105	X	7.058	7.058	0	%100
110	M105	Z	-4.075	-4.075	0	%100
111	M106	X	1.764	1.764	0	%100
112	M106	Z	-1.019	-1.019	0	%100
113	M125	X	9.349	9.349	0	%100
114	M125	Z	-5.398	-5.398	0	%100
115	M126	X	2.337	2.337	0	%100
116	M126	Z	-1.349	-1.349	0	%100
117	M127	X	2.337	2.337	0	%100
118	M127	Z	-1.349	-1.349	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	10.112	10.112	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	7.083	7.083	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	7.083	7.083	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	17.008	17.008	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	12.992	12.992	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	13.685	13.685	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	17.008	17.008	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,%]
22	M84	Z	0	0	0	%100
23	M85	X	12.992	12.992	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	13.685	13.685	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	7.441	7.441	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	7.441	7.441	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	2.528	2.528	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	6.395	6.395	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	6.395	6.395	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	12.756	12.756	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	7.083	7.083	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	4.252	4.252	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	12.992	12.992	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	13.685	13.685	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	4.252	4.252	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	2.528	2.528	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	6.395	6.395	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	6.395	6.395	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	12.756	12.756	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	7.083	7.083	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	4.252	4.252	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	4.252	4.252	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	12.992	12.992	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	13.685	13.685	0	%100
78	M71	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,%]
79	MP1A	X	6.732	6.732	0	%100
80	MP1A	Z	0	0	0	%100
81	MP4A	X	6.732	6.732	0	%100
82	MP4A	Z	0	0	0	%100
83	MP3A	X	8.15	8.15	0	%100
84	MP3A	Z	0	0	0	%100
85	MP2A	X	6.732	6.732	0	%100
86	MP2A	Z	0	0	0	%100
87	MP4B	X	6.732	6.732	0	%100
88	MP4B	Z	0	0	0	%100
89	MP1B	X	6.732	6.732	0	%100
90	MP1B	Z	0	0	0	%100
91	MP3B	X	8.15	8.15	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2B	X	6.732	6.732	0	%100
94	MP2B	Z	0	0	0	%100
95	MP4C	X	6.732	6.732	0	%100
96	MP4C	Z	0	0	0	%100
97	MP3C	X	8.15	8.15	0	%100
98	MP3C	Z	0	0	0	%100
99	MP2C	X	6.732	6.732	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	6.732	6.732	0	%100
102	MP1C	Z	0	0	0	%100
103	O1	X	5.505	5.505	0	%100
104	O1	Z	0	0	0	%100
105	O2	X	5.505	5.505	0	%100
106	O2	Z	0	0	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	0	0	0	%100
109	M105	X	6.112	6.112	0	%100
110	M105	Z	0	0	0	%100
111	M106	X	6.112	6.112	0	%100
112	M106	Z	0	0	0	%100
113	M125	X	8.097	8.097	0	%100
114	M125	Z	0	0	0	%100
115	M126	X	8.097	8.097	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.148	2.148	0	%100
2	M1	Z	1.24	1.24	0	%100
3	M4	X	6.568	6.568	0	%100
4	M4	Z	3.792	3.792	0	%100
5	M10	X	1.846	1.846	0	%100
6	M10	Z	1.066	1.066	0	%100
7	M43	X	1.846	1.846	0	%100
8	M43	Z	1.066	1.066	0	%100
9	M46	X	3.682	3.682	0	%100
10	M46	Z	2.126	2.126	0	%100
11	M51B	X	2.045	2.045	0	%100
12	M51B	Z	1.181	1.181	0	%100
13	M52B	X	8.179	8.179	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,%]
14	M52B	Z	4.722	4.722	0	%100
15	M76	X	11.047	11.047	0	%100
16	M76	Z	6.378	6.378	0	%100
17	M77	X	3.751	3.751	0	%100
18	M77	Z	2.165	2.165	0	%100
19	M80	X	3.95	3.95	0	%100
20	M80	Z	2.281	2.281	0	%100
21	M84	X	11.047	11.047	0	%100
22	M84	Z	6.378	6.378	0	%100
23	M85	X	15.002	15.002	0	%100
24	M85	Z	8.662	8.662	0	%100
25	M91	X	15.802	15.802	0	%100
26	M91	Z	9.123	9.123	0	%100
27	M26	X	2.148	2.148	0	%100
28	M26	Z	1.24	1.24	0	%100
29	M27	X	8.592	8.592	0	%100
30	M27	Z	4.961	4.961	0	%100
31	M28	X	6.568	6.568	0	%100
32	M28	Z	3.792	3.792	0	%100
33	M29	X	1.846	1.846	0	%100
34	M29	Z	1.066	1.066	0	%100
35	M30	X	1.846	1.846	0	%100
36	M30	Z	1.066	1.066	0	%100
37	M31	X	3.682	3.682	0	%100
38	M31	Z	2.126	2.126	0	%100
39	M34	X	8.179	8.179	0	%100
40	M34	Z	4.722	4.722	0	%100
41	M35	X	2.045	2.045	0	%100
42	M35	Z	1.181	1.181	0	%100
43	M39	X	11.047	11.047	0	%100
44	M39	Z	6.378	6.378	0	%100
45	M40	X	15.002	15.002	0	%100
46	M40	Z	8.662	8.662	0	%100
47	M42	X	15.802	15.802	0	%100
48	M42	Z	9.123	9.123	0	%100
49	M44	X	11.047	11.047	0	%100
50	M44	Z	6.378	6.378	0	%100
51	M45	X	3.751	3.751	0	%100
52	M45	Z	2.165	2.165	0	%100
53	M47	X	3.95	3.95	0	%100
54	M47	Z	2.281	2.281	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	7.385	7.385	0	%100
58	M53	Z	4.264	4.264	0	%100
59	M54	X	7.385	7.385	0	%100
60	M54	Z	4.264	4.264	0	%100
61	M55	X	14.73	14.73	0	%100
62	M55	Z	8.504	8.504	0	%100
63	M58A	X	2.045	2.045	0	%100
64	M58A	Z	1.181	1.181	0	%100
65	M59A	X	2.045	2.045	0	%100
66	M59A	Z	1.181	1.181	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	3.751	3.751	0	%100
70	M64	Z	2.165	2.165	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,%]
71	M66	X	3.95	3.95	0	%100
72	M66	Z	2.281	2.281	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	3.751	3.751	0	%100
76	M69	Z	2.165	2.165	0	%100
77	M71	X	3.95	3.95	0	%100
78	M71	Z	2.281	2.281	0	%100
79	MP1A	X	5.83	5.83	0	%100
80	MP1A	Z	3.366	3.366	0	%100
81	MP4A	X	5.83	5.83	0	%100
82	MP4A	Z	3.366	3.366	0	%100
83	MP3A	X	7.058	7.058	0	%100
84	MP3A	Z	4.075	4.075	0	%100
85	MP2A	X	5.83	5.83	0	%100
86	MP2A	Z	3.366	3.366	0	%100
87	MP4B	X	5.83	5.83	0	%100
88	MP4B	Z	3.366	3.366	0	%100
89	MP1B	X	5.83	5.83	0	%100
90	MP1B	Z	3.366	3.366	0	%100
91	MP3B	X	7.058	7.058	0	%100
92	MP3B	Z	4.075	4.075	0	%100
93	MP2B	X	5.83	5.83	0	%100
94	MP2B	Z	3.366	3.366	0	%100
95	MP4C	X	5.83	5.83	0	%100
96	MP4C	Z	3.366	3.366	0	%100
97	MP3C	X	7.058	7.058	0	%100
98	MP3C	Z	4.075	4.075	0	%100
99	MP2C	X	5.83	5.83	0	%100
100	MP2C	Z	3.366	3.366	0	%100
101	MP1C	X	5.83	5.83	0	%100
102	MP1C	Z	3.366	3.366	0	%100
103	O1	X	4.768	4.768	0	%100
104	O1	Z	2.753	2.753	0	%100
105	O2	X	4.768	4.768	0	%100
106	O2	Z	2.753	2.753	0	%100
107	M104	X	1.764	1.764	0	%100
108	M104	Z	1.019	1.019	0	%100
109	M105	X	1.764	1.764	0	%100
110	M105	Z	1.019	1.019	0	%100
111	M106	X	7.058	7.058	0	%100
112	M106	Z	4.075	4.075	0	%100
113	M125	X	2.337	2.337	0	%100
114	M125	Z	1.349	1.349	0	%100
115	M126	X	9.349	9.349	0	%100
116	M126	Z	5.398	5.398	0	%100
117	M127	X	2.337	2.337	0	%100
118	M127	Z	1.349	1.349	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	3.721	3.721	0	%100
2	M1	Z	6.444	6.444	0	%100
3	M4	X	1.264	1.264	0	%100
4	M4	Z	2.189	2.189	0	%100
5	M10	X	3.198	3.198	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,%]
6	M10	Z	5.539	5.539	0	%100
7	M43	X	3.198	3.198	0	%100
8	M43	Z	5.539	5.539	0	%100
9	M46	X	6.378	6.378	0	%100
10	M46	Z	11.047	11.047	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	3.542	3.542	0	%100
14	M52B	Z	6.134	6.134	0	%100
15	M76	X	2.126	2.126	0	%100
16	M76	Z	3.682	3.682	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	2.126	2.126	0	%100
22	M84	Z	3.682	3.682	0	%100
23	M85	X	6.496	6.496	0	%100
24	M85	Z	11.252	11.252	0	%100
25	M91	X	6.842	6.842	0	%100
26	M91	Z	11.851	11.851	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	3.721	3.721	0	%100
30	M27	Z	6.444	6.444	0	%100
31	M28	X	5.056	5.056	0	%100
32	M28	Z	8.757	8.757	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	3.542	3.542	0	%100
40	M34	Z	6.134	6.134	0	%100
41	M35	X	3.542	3.542	0	%100
42	M35	Z	6.134	6.134	0	%100
43	M39	X	8.504	8.504	0	%100
44	M39	Z	14.73	14.73	0	%100
45	M40	X	6.496	6.496	0	%100
46	M40	Z	11.252	11.252	0	%100
47	M42	X	6.842	6.842	0	%100
48	M42	Z	11.851	11.851	0	%100
49	M44	X	8.504	8.504	0	%100
50	M44	Z	14.73	14.73	0	%100
51	M45	X	6.496	6.496	0	%100
52	M45	Z	11.252	11.252	0	%100
53	M47	X	6.842	6.842	0	%100
54	M47	Z	11.851	11.851	0	%100
55	M52A	X	1.264	1.264	0	%100
56	M52A	Z	2.189	2.189	0	%100
57	M53	X	3.198	3.198	0	%100
58	M53	Z	5.539	5.539	0	%100
59	M54	X	3.198	3.198	0	%100
60	M54	Z	5.539	5.539	0	%100
61	M55	X	6.378	6.378	0	%100
62	M55	Z	11.047	11.047	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,%]
63	M58A	X	3.542	3.542	0	%100
64	M58A	Z	6.134	6.134	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	2.126	2.126	0	%100
68	M63	Z	3.682	3.682	0	%100
69	M64	X	6.496	6.496	0	%100
70	M64	Z	11.252	11.252	0	%100
71	M66	X	6.842	6.842	0	%100
72	M66	Z	11.851	11.851	0	%100
73	M68	X	2.126	2.126	0	%100
74	M68	Z	3.682	3.682	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	MP1A	X	3.366	3.366	0	%100
80	MP1A	Z	5.83	5.83	0	%100
81	MP4A	X	3.366	3.366	0	%100
82	MP4A	Z	5.83	5.83	0	%100
83	MP3A	X	4.075	4.075	0	%100
84	MP3A	Z	7.058	7.058	0	%100
85	MP2A	X	3.366	3.366	0	%100
86	MP2A	Z	5.83	5.83	0	%100
87	MP4B	X	3.366	3.366	0	%100
88	MP4B	Z	5.83	5.83	0	%100
89	MP1B	X	3.366	3.366	0	%100
90	MP1B	Z	5.83	5.83	0	%100
91	MP3B	X	4.075	4.075	0	%100
92	MP3B	Z	7.058	7.058	0	%100
93	MP2B	X	3.366	3.366	0	%100
94	MP2B	Z	5.83	5.83	0	%100
95	MP4C	X	3.366	3.366	0	%100
96	MP4C	Z	5.83	5.83	0	%100
97	MP3C	X	4.075	4.075	0	%100
98	MP3C	Z	7.058	7.058	0	%100
99	MP2C	X	3.366	3.366	0	%100
100	MP2C	Z	5.83	5.83	0	%100
101	MP1C	X	3.366	3.366	0	%100
102	MP1C	Z	5.83	5.83	0	%100
103	O1	X	2.753	2.753	0	%100
104	O1	Z	4.768	4.768	0	%100
105	O2	X	2.753	2.753	0	%100
106	O2	Z	4.768	4.768	0	%100
107	M104	X	3.056	3.056	0	%100
108	M104	Z	5.293	5.293	0	%100
109	M105	X	0	0	0	%100
110	M105	Z	0	0	0	%100
111	M106	X	3.056	3.056	0	%100
112	M106	Z	5.293	5.293	0	%100
113	M125	X	0	0	0	%100
114	M125	Z	0	0	0	%100
115	M126	X	4.048	4.048	0	%100
116	M126	Z	7.012	7.012	0	%100
117	M127	X	4.048	4.048	0	%100
118	M127	Z	7.012	7.012	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	9.922	9.922	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	8.527	8.527	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	8.527	8.527	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	17.008	17.008	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	2.361	2.361	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	2.361	2.361	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	4.331	4.331	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	4.562	4.562	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	4.331	4.331	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	4.562	4.562	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	2.48	2.48	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	2.48	2.48	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	7.584	7.584	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	2.132	2.132	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	2.132	2.132	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	4.252	4.252	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	2.361	2.361	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	9.444	9.444	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	12.756	12.756	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	4.331	4.331	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	4.562	4.562	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	12.756	12.756	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	17.323	17.323	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	18.246	18.246	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	7.584	7.584	0	%100
57	M53	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	2.132	2.132	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	2.132	2.132	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	4.252	4.252	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	9.444	9.444	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	2.361	2.361	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	12.756	12.756	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	17.323	17.323	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	18.246	18.246	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	12.756	12.756	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	4.331	4.331	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	4.562	4.562	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	6.732	6.732	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	6.732	6.732	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	8.15	8.15	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	6.732	6.732	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	6.732	6.732	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	6.732	6.732	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	8.15	8.15	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	6.732	6.732	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	6.732	6.732	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	8.15	8.15	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	6.732	6.732	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	6.732	6.732	0	%100
103	O1	X	0	0	0	%100
104	O1	Z	5.505	5.505	0	%100
105	O2	X	0	0	0	%100
106	O2	Z	5.505	5.505	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	8.15	8.15	0	%100
109	M105	X	0	0	0	%100
110	M105	Z	2.037	2.037	0	%100
111	M106	X	0	0	0	%100
112	M106	Z	2.037	2.037	0	%100
113	M125	X	0	0	0	%100
114	M125	Z	2.699	2.699	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M126	X	0	0	0	%100
116	M126	Z	2.699	2.699	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	10.795	10.795	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	-3.721	-3.721	0	%100
2	M1	Z	6.444	6.444	0	%100
3	M4	X	-1.264	-1.264	0	%100
4	M4	Z	2.189	2.189	0	%100
5	M10	X	-3.198	-3.198	0	%100
6	M10	Z	5.539	5.539	0	%100
7	M43	X	-3.198	-3.198	0	%100
8	M43	Z	5.539	5.539	0	%100
9	M46	X	-6.378	-6.378	0	%100
10	M46	Z	11.047	11.047	0	%100
11	M51B	X	-3.542	-3.542	0	%100
12	M51B	Z	6.134	6.134	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-2.126	-2.126	0	%100
16	M76	Z	3.682	3.682	0	%100
17	M77	X	-6.496	-6.496	0	%100
18	M77	Z	11.252	11.252	0	%100
19	M80	X	-6.842	-6.842	0	%100
20	M80	Z	11.851	11.851	0	%100
21	M84	X	-2.126	-2.126	0	%100
22	M84	Z	3.682	3.682	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-3.721	-3.721	0	%100
28	M26	Z	6.444	6.444	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-1.264	-1.264	0	%100
32	M28	Z	2.189	2.189	0	%100
33	M29	X	-3.198	-3.198	0	%100
34	M29	Z	5.539	5.539	0	%100
35	M30	X	-3.198	-3.198	0	%100
36	M30	Z	5.539	5.539	0	%100
37	M31	X	-6.378	-6.378	0	%100
38	M31	Z	11.047	11.047	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	-3.542	-3.542	0	%100
42	M35	Z	6.134	6.134	0	%100
43	M39	X	-2.126	-2.126	0	%100
44	M39	Z	3.682	3.682	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-2.126	-2.126	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,%]
50	M44	Z	3.682	3.682	0	%100
51	M45	X	-6.496	-6.496	0	%100
52	M45	Z	11.252	11.252	0	%100
53	M47	X	-6.842	-6.842	0	%100
54	M47	Z	11.851	11.851	0	%100
55	M52A	X	-5.056	-5.056	0	%100
56	M52A	Z	8.757	8.757	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	-3.542	-3.542	0	%100
64	M58A	Z	6.134	6.134	0	%100
65	M59A	X	-3.542	-3.542	0	%100
66	M59A	Z	6.134	6.134	0	%100
67	M63	X	-8.504	-8.504	0	%100
68	M63	Z	14.73	14.73	0	%100
69	M64	X	-6.496	-6.496	0	%100
70	M64	Z	11.252	11.252	0	%100
71	M66	X	-6.842	-6.842	0	%100
72	M66	Z	11.851	11.851	0	%100
73	M68	X	-8.504	-8.504	0	%100
74	M68	Z	14.73	14.73	0	%100
75	M69	X	-6.496	-6.496	0	%100
76	M69	Z	11.252	11.252	0	%100
77	M71	X	-6.842	-6.842	0	%100
78	M71	Z	11.851	11.851	0	%100
79	MP1A	X	-3.366	-3.366	0	%100
80	MP1A	Z	5.83	5.83	0	%100
81	MP4A	X	-3.366	-3.366	0	%100
82	MP4A	Z	5.83	5.83	0	%100
83	MP3A	X	-4.075	-4.075	0	%100
84	MP3A	Z	7.058	7.058	0	%100
85	MP2A	X	-3.366	-3.366	0	%100
86	MP2A	Z	5.83	5.83	0	%100
87	MP4B	X	-3.366	-3.366	0	%100
88	MP4B	Z	5.83	5.83	0	%100
89	MP1B	X	-3.366	-3.366	0	%100
90	MP1B	Z	5.83	5.83	0	%100
91	MP3B	X	-4.075	-4.075	0	%100
92	MP3B	Z	7.058	7.058	0	%100
93	MP2B	X	-3.366	-3.366	0	%100
94	MP2B	Z	5.83	5.83	0	%100
95	MP4C	X	-3.366	-3.366	0	%100
96	MP4C	Z	5.83	5.83	0	%100
97	MP3C	X	-4.075	-4.075	0	%100
98	MP3C	Z	7.058	7.058	0	%100
99	MP2C	X	-3.366	-3.366	0	%100
100	MP2C	Z	5.83	5.83	0	%100
101	MP1C	X	-3.366	-3.366	0	%100
102	MP1C	Z	5.83	5.83	0	%100
103	O1	X	-2.753	-2.753	0	%100
104	O1	Z	4.768	4.768	0	%100
105	O2	X	-2.753	-2.753	0	%100
106	O2	Z	4.768	4.768	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,%]
107	M104	X	-3.056	-3.056	0	%100
108	M104	Z	5.293	5.293	0	%100
109	M105	X	-3.056	-3.056	0	%100
110	M105	Z	5.293	5.293	0	%100
111	M106	X	0	0	0	%100
112	M106	Z	0	0	0	%100
113	M125	X	-4.048	-4.048	0	%100
114	M125	Z	7.012	7.012	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	-4.048	-4.048	0	%100
118	M127	Z	7.012	7.012	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.148	-2.148	0	%100
2	M1	Z	1.24	1.24	0	%100
3	M4	X	-6.568	-6.568	0	%100
4	M4	Z	3.792	3.792	0	%100
5	M10	X	-1.846	-1.846	0	%100
6	M10	Z	1.066	1.066	0	%100
7	M43	X	-1.846	-1.846	0	%100
8	M43	Z	1.066	1.066	0	%100
9	M46	X	-3.682	-3.682	0	%100
10	M46	Z	2.126	2.126	0	%100
11	M51B	X	-8.179	-8.179	0	%100
12	M51B	Z	4.722	4.722	0	%100
13	M52B	X	-2.045	-2.045	0	%100
14	M52B	Z	1.181	1.181	0	%100
15	M76	X	-11.047	-11.047	0	%100
16	M76	Z	6.378	6.378	0	%100
17	M77	X	-15.002	-15.002	0	%100
18	M77	Z	8.662	8.662	0	%100
19	M80	X	-15.802	-15.802	0	%100
20	M80	Z	9.123	9.123	0	%100
21	M84	X	-11.047	-11.047	0	%100
22	M84	Z	6.378	6.378	0	%100
23	M85	X	-3.751	-3.751	0	%100
24	M85	Z	2.165	2.165	0	%100
25	M91	X	-3.95	-3.95	0	%100
26	M91	Z	2.281	2.281	0	%100
27	M26	X	-8.592	-8.592	0	%100
28	M26	Z	4.961	4.961	0	%100
29	M27	X	-2.148	-2.148	0	%100
30	M27	Z	1.24	1.24	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-7.385	-7.385	0	%100
34	M29	Z	4.264	4.264	0	%100
35	M30	X	-7.385	-7.385	0	%100
36	M30	Z	4.264	4.264	0	%100
37	M31	X	-14.73	-14.73	0	%100
38	M31	Z	8.504	8.504	0	%100
39	M34	X	-2.045	-2.045	0	%100
40	M34	Z	1.181	1.181	0	%100
41	M35	X	-2.045	-2.045	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,%]
42	M35	Z	1.181	1.181	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-3.751	-3.751	0	%100
46	M40	Z	2.165	2.165	0	%100
47	M42	X	-3.95	-3.95	0	%100
48	M42	Z	2.281	2.281	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	-3.751	-3.751	0	%100
52	M45	Z	2.165	2.165	0	%100
53	M47	X	-3.95	-3.95	0	%100
54	M47	Z	2.281	2.281	0	%100
55	M52A	X	-6.568	-6.568	0	%100
56	M52A	Z	3.792	3.792	0	%100
57	M53	X	-1.846	-1.846	0	%100
58	M53	Z	1.066	1.066	0	%100
59	M54	X	-1.846	-1.846	0	%100
60	M54	Z	1.066	1.066	0	%100
61	M55	X	-3.682	-3.682	0	%100
62	M55	Z	2.126	2.126	0	%100
63	M58A	X	-2.045	-2.045	0	%100
64	M58A	Z	1.181	1.181	0	%100
65	M59A	X	-8.179	-8.179	0	%100
66	M59A	Z	4.722	4.722	0	%100
67	M63	X	-11.047	-11.047	0	%100
68	M63	Z	6.378	6.378	0	%100
69	M64	X	-3.751	-3.751	0	%100
70	M64	Z	2.165	2.165	0	%100
71	M66	X	-3.95	-3.95	0	%100
72	M66	Z	2.281	2.281	0	%100
73	M68	X	-11.047	-11.047	0	%100
74	M68	Z	6.378	6.378	0	%100
75	M69	X	-15.002	-15.002	0	%100
76	M69	Z	8.662	8.662	0	%100
77	M71	X	-15.802	-15.802	0	%100
78	M71	Z	9.123	9.123	0	%100
79	MP1A	X	-5.83	-5.83	0	%100
80	MP1A	Z	3.366	3.366	0	%100
81	MP4A	X	-5.83	-5.83	0	%100
82	MP4A	Z	3.366	3.366	0	%100
83	MP3A	X	-7.058	-7.058	0	%100
84	MP3A	Z	4.075	4.075	0	%100
85	MP2A	X	-5.83	-5.83	0	%100
86	MP2A	Z	3.366	3.366	0	%100
87	MP4B	X	-5.83	-5.83	0	%100
88	MP4B	Z	3.366	3.366	0	%100
89	MP1B	X	-5.83	-5.83	0	%100
90	MP1B	Z	3.366	3.366	0	%100
91	MP3B	X	-7.058	-7.058	0	%100
92	MP3B	Z	4.075	4.075	0	%100
93	MP2B	X	-5.83	-5.83	0	%100
94	MP2B	Z	3.366	3.366	0	%100
95	MP4C	X	-5.83	-5.83	0	%100
96	MP4C	Z	3.366	3.366	0	%100
97	MP3C	X	-7.058	-7.058	0	%100
98	MP3C	Z	4.075	4.075	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,%]
99	MP2C	X	-5.83	-5.83	0	%100
100	MP2C	Z	3.366	3.366	0	%100
101	MP1C	X	-5.83	-5.83	0	%100
102	MP1C	Z	3.366	3.366	0	%100
103	O1	X	-4.768	-4.768	0	%100
104	O1	Z	2.753	2.753	0	%100
105	O2	X	-4.768	-4.768	0	%100
106	O2	Z	2.753	2.753	0	%100
107	M104	X	-1.764	-1.764	0	%100
108	M104	Z	1.019	1.019	0	%100
109	M105	X	-7.058	-7.058	0	%100
110	M105	Z	4.075	4.075	0	%100
111	M106	X	-1.764	-1.764	0	%100
112	M106	Z	1.019	1.019	0	%100
113	M125	X	-9.349	-9.349	0	%100
114	M125	Z	5.398	5.398	0	%100
115	M126	X	-2.337	-2.337	0	%100
116	M126	Z	1.349	1.349	0	%100
117	M127	X	-2.337	-2.337	0	%100
118	M127	Z	1.349	1.349	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-10.112	-10.112	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-7.083	-7.083	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-7.083	-7.083	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-17.008	-17.008	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-12.992	-12.992	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-13.685	-13.685	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-17.008	-17.008	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-12.992	-12.992	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-13.685	-13.685	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-7.441	-7.441	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-7.441	-7.441	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-2.528	-2.528	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-6.395	-6.395	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,%]
34	M29	Z	0	0	0	%100
35	M30	X	-6.395	-6.395	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	-12.756	-12.756	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	-7.083	-7.083	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	-4.252	-4.252	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-12.992	-12.992	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	-13.685	-13.685	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-4.252	-4.252	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	-2.528	-2.528	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-6.395	-6.395	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	-6.395	-6.395	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	-12.756	-12.756	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	-7.083	-7.083	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-4.252	-4.252	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	-4.252	-4.252	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-12.992	-12.992	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	-13.685	-13.685	0	%100
78	M71	Z	0	0	0	%100
79	MP1A	X	-6.732	-6.732	0	%100
80	MP1A	Z	0	0	0	%100
81	MP4A	X	-6.732	-6.732	0	%100
82	MP4A	Z	0	0	0	%100
83	MP3A	X	-8.15	-8.15	0	%100
84	MP3A	Z	0	0	0	%100
85	MP2A	X	-6.732	-6.732	0	%100
86	MP2A	Z	0	0	0	%100
87	MP4B	X	-6.732	-6.732	0	%100
88	MP4B	Z	0	0	0	%100
89	MP1B	X	-6.732	-6.732	0	%100
90	MP1B	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,%]
91	MP3B	X	-8.15	-8.15	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2B	X	-6.732	-6.732	0	%100
94	MP2B	Z	0	0	0	%100
95	MP4C	X	-6.732	-6.732	0	%100
96	MP4C	Z	0	0	0	%100
97	MP3C	X	-8.15	-8.15	0	%100
98	MP3C	Z	0	0	0	%100
99	MP2C	X	-6.732	-6.732	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	-6.732	-6.732	0	%100
102	MP1C	Z	0	0	0	%100
103	O1	X	-5.505	-5.505	0	%100
104	O1	Z	0	0	0	%100
105	O2	X	-5.505	-5.505	0	%100
106	O2	Z	0	0	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	0	0	0	%100
109	M105	X	-6.112	-6.112	0	%100
110	M105	Z	0	0	0	%100
111	M106	X	-6.112	-6.112	0	%100
112	M106	Z	0	0	0	%100
113	M125	X	-8.097	-8.097	0	%100
114	M125	Z	0	0	0	%100
115	M126	X	-8.097	-8.097	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.148	-2.148	0	%100
2	M1	Z	-1.24	-1.24	0	%100
3	M4	X	-6.568	-6.568	0	%100
4	M4	Z	-3.792	-3.792	0	%100
5	M10	X	-1.846	-1.846	0	%100
6	M10	Z	-1.066	-1.066	0	%100
7	M43	X	-1.846	-1.846	0	%100
8	M43	Z	-1.066	-1.066	0	%100
9	M46	X	-3.682	-3.682	0	%100
10	M46	Z	-2.126	-2.126	0	%100
11	M51B	X	-2.045	-2.045	0	%100
12	M51B	Z	-1.181	-1.181	0	%100
13	M52B	X	-8.179	-8.179	0	%100
14	M52B	Z	-4.722	-4.722	0	%100
15	M76	X	-11.047	-11.047	0	%100
16	M76	Z	-6.378	-6.378	0	%100
17	M77	X	-3.751	-3.751	0	%100
18	M77	Z	-2.165	-2.165	0	%100
19	M80	X	-3.95	-3.95	0	%100
20	M80	Z	-2.281	-2.281	0	%100
21	M84	X	-11.047	-11.047	0	%100
22	M84	Z	-6.378	-6.378	0	%100
23	M85	X	-15.002	-15.002	0	%100
24	M85	Z	-8.662	-8.662	0	%100
25	M91	X	-15.802	-15.802	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,%]
26	M91	Z	-9.123	-9.123	0	%100
27	M26	X	-2.148	-2.148	0	%100
28	M26	Z	-1.24	-1.24	0	%100
29	M27	X	-8.592	-8.592	0	%100
30	M27	Z	-4.961	-4.961	0	%100
31	M28	X	-6.568	-6.568	0	%100
32	M28	Z	-3.792	-3.792	0	%100
33	M29	X	-1.846	-1.846	0	%100
34	M29	Z	-1.066	-1.066	0	%100
35	M30	X	-1.846	-1.846	0	%100
36	M30	Z	-1.066	-1.066	0	%100
37	M31	X	-3.682	-3.682	0	%100
38	M31	Z	-2.126	-2.126	0	%100
39	M34	X	-8.179	-8.179	0	%100
40	M34	Z	-4.722	-4.722	0	%100
41	M35	X	-2.045	-2.045	0	%100
42	M35	Z	-1.181	-1.181	0	%100
43	M39	X	-11.047	-11.047	0	%100
44	M39	Z	-6.378	-6.378	0	%100
45	M40	X	-15.002	-15.002	0	%100
46	M40	Z	-8.662	-8.662	0	%100
47	M42	X	-15.802	-15.802	0	%100
48	M42	Z	-9.123	-9.123	0	%100
49	M44	X	-11.047	-11.047	0	%100
50	M44	Z	-6.378	-6.378	0	%100
51	M45	X	-3.751	-3.751	0	%100
52	M45	Z	-2.165	-2.165	0	%100
53	M47	X	-3.95	-3.95	0	%100
54	M47	Z	-2.281	-2.281	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-7.385	-7.385	0	%100
58	M53	Z	-4.264	-4.264	0	%100
59	M54	X	-7.385	-7.385	0	%100
60	M54	Z	-4.264	-4.264	0	%100
61	M55	X	-14.73	-14.73	0	%100
62	M55	Z	-8.504	-8.504	0	%100
63	M58A	X	-2.045	-2.045	0	%100
64	M58A	Z	-1.181	-1.181	0	%100
65	M59A	X	-2.045	-2.045	0	%100
66	M59A	Z	-1.181	-1.181	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	-3.751	-3.751	0	%100
70	M64	Z	-2.165	-2.165	0	%100
71	M66	X	-3.95	-3.95	0	%100
72	M66	Z	-2.281	-2.281	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-3.751	-3.751	0	%100
76	M69	Z	-2.165	-2.165	0	%100
77	M71	X	-3.95	-3.95	0	%100
78	M71	Z	-2.281	-2.281	0	%100
79	MP1A	X	-5.83	-5.83	0	%100
80	MP1A	Z	-3.366	-3.366	0	%100
81	MP4A	X	-5.83	-5.83	0	%100
82	MP4A	Z	-3.366	-3.366	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,%]
83	MP3A	X	-7.058	-7.058	0	%100
84	MP3A	Z	-4.075	-4.075	0	%100
85	MP2A	X	-5.83	-5.83	0	%100
86	MP2A	Z	-3.366	-3.366	0	%100
87	MP4B	X	-5.83	-5.83	0	%100
88	MP4B	Z	-3.366	-3.366	0	%100
89	MP1B	X	-5.83	-5.83	0	%100
90	MP1B	Z	-3.366	-3.366	0	%100
91	MP3B	X	-7.058	-7.058	0	%100
92	MP3B	Z	-4.075	-4.075	0	%100
93	MP2B	X	-5.83	-5.83	0	%100
94	MP2B	Z	-3.366	-3.366	0	%100
95	MP4C	X	-5.83	-5.83	0	%100
96	MP4C	Z	-3.366	-3.366	0	%100
97	MP3C	X	-7.058	-7.058	0	%100
98	MP3C	Z	-4.075	-4.075	0	%100
99	MP2C	X	-5.83	-5.83	0	%100
100	MP2C	Z	-3.366	-3.366	0	%100
101	MP1C	X	-5.83	-5.83	0	%100
102	MP1C	Z	-3.366	-3.366	0	%100
103	O1	X	-4.768	-4.768	0	%100
104	O1	Z	-2.753	-2.753	0	%100
105	O2	X	-4.768	-4.768	0	%100
106	O2	Z	-2.753	-2.753	0	%100
107	M104	X	-1.764	-1.764	0	%100
108	M104	Z	-1.019	-1.019	0	%100
109	M105	X	-1.764	-1.764	0	%100
110	M105	Z	-1.019	-1.019	0	%100
111	M106	X	-7.058	-7.058	0	%100
112	M106	Z	-4.075	-4.075	0	%100
113	M125	X	-2.337	-2.337	0	%100
114	M125	Z	-1.349	-1.349	0	%100
115	M126	X	-9.349	-9.349	0	%100
116	M126	Z	-5.398	-5.398	0	%100
117	M127	X	-2.337	-2.337	0	%100
118	M127	Z	-1.349	-1.349	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	-3.721	-3.721	0	%100
2	M1	Z	-6.444	-6.444	0	%100
3	M4	X	-1.264	-1.264	0	%100
4	M4	Z	-2.189	-2.189	0	%100
5	M10	X	-3.198	-3.198	0	%100
6	M10	Z	-5.539	-5.539	0	%100
7	M43	X	-3.198	-3.198	0	%100
8	M43	Z	-5.539	-5.539	0	%100
9	M46	X	-6.378	-6.378	0	%100
10	M46	Z	-11.047	-11.047	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-3.542	-3.542	0	%100
14	M52B	Z	-6.134	-6.134	0	%100
15	M76	X	-2.126	-2.126	0	%100
16	M76	Z	-3.682	-3.682	0	%100
17	M77	X	0	0	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,%]
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-2.126	-2.126	0	%100
22	M84	Z	-3.682	-3.682	0	%100
23	M85	X	-6.496	-6.496	0	%100
24	M85	Z	-11.252	-11.252	0	%100
25	M91	X	-6.842	-6.842	0	%100
26	M91	Z	-11.851	-11.851	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-3.721	-3.721	0	%100
30	M27	Z	-6.444	-6.444	0	%100
31	M28	X	-5.056	-5.056	0	%100
32	M28	Z	-8.757	-8.757	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	-3.542	-3.542	0	%100
40	M34	Z	-6.134	-6.134	0	%100
41	M35	X	-3.542	-3.542	0	%100
42	M35	Z	-6.134	-6.134	0	%100
43	M39	X	-8.504	-8.504	0	%100
44	M39	Z	-14.73	-14.73	0	%100
45	M40	X	-6.496	-6.496	0	%100
46	M40	Z	-11.252	-11.252	0	%100
47	M42	X	-6.842	-6.842	0	%100
48	M42	Z	-11.851	-11.851	0	%100
49	M44	X	-8.504	-8.504	0	%100
50	M44	Z	-14.73	-14.73	0	%100
51	M45	X	-6.496	-6.496	0	%100
52	M45	Z	-11.252	-11.252	0	%100
53	M47	X	-6.842	-6.842	0	%100
54	M47	Z	-11.851	-11.851	0	%100
55	M52A	X	-1.264	-1.264	0	%100
56	M52A	Z	-2.189	-2.189	0	%100
57	M53	X	-3.198	-3.198	0	%100
58	M53	Z	-5.539	-5.539	0	%100
59	M54	X	-3.198	-3.198	0	%100
60	M54	Z	-5.539	-5.539	0	%100
61	M55	X	-6.378	-6.378	0	%100
62	M55	Z	-11.047	-11.047	0	%100
63	M58A	X	-3.542	-3.542	0	%100
64	M58A	Z	-6.134	-6.134	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-2.126	-2.126	0	%100
68	M63	Z	-3.682	-3.682	0	%100
69	M64	X	-6.496	-6.496	0	%100
70	M64	Z	-11.252	-11.252	0	%100
71	M66	X	-6.842	-6.842	0	%100
72	M66	Z	-11.851	-11.851	0	%100
73	M68	X	-2.126	-2.126	0	%100
74	M68	Z	-3.682	-3.682	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,%]
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	MP1A	X	-3.366	-3.366	0	%100
80	MP1A	Z	-5.83	-5.83	0	%100
81	MP4A	X	-3.366	-3.366	0	%100
82	MP4A	Z	-5.83	-5.83	0	%100
83	MP3A	X	-4.075	-4.075	0	%100
84	MP3A	Z	-7.058	-7.058	0	%100
85	MP2A	X	-3.366	-3.366	0	%100
86	MP2A	Z	-5.83	-5.83	0	%100
87	MP4B	X	-3.366	-3.366	0	%100
88	MP4B	Z	-5.83	-5.83	0	%100
89	MP1B	X	-3.366	-3.366	0	%100
90	MP1B	Z	-5.83	-5.83	0	%100
91	MP3B	X	-4.075	-4.075	0	%100
92	MP3B	Z	-7.058	-7.058	0	%100
93	MP2B	X	-3.366	-3.366	0	%100
94	MP2B	Z	-5.83	-5.83	0	%100
95	MP4C	X	-3.366	-3.366	0	%100
96	MP4C	Z	-5.83	-5.83	0	%100
97	MP3C	X	-4.075	-4.075	0	%100
98	MP3C	Z	-7.058	-7.058	0	%100
99	MP2C	X	-3.366	-3.366	0	%100
100	MP2C	Z	-5.83	-5.83	0	%100
101	MP1C	X	-3.366	-3.366	0	%100
102	MP1C	Z	-5.83	-5.83	0	%100
103	O1	X	-2.753	-2.753	0	%100
104	O1	Z	-4.768	-4.768	0	%100
105	O2	X	-2.753	-2.753	0	%100
106	O2	Z	-4.768	-4.768	0	%100
107	M104	X	-3.056	-3.056	0	%100
108	M104	Z	-5.293	-5.293	0	%100
109	M105	X	0	0	0	%100
110	M105	Z	0	0	0	%100
111	M106	X	-3.056	-3.056	0	%100
112	M106	Z	-5.293	-5.293	0	%100
113	M125	X	0	0	0	%100
114	M125	Z	0	0	0	%100
115	M126	X	-4.048	-4.048	0	%100
116	M126	Z	-7.012	-7.012	0	%100
117	M127	X	-4.048	-4.048	0	%100
118	M127	Z	-7.012	-7.012	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	-3.687	-3.687	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-2.868	-2.868	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-2.868	-2.868	0	%100
9	M46	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M46	Z	-4.311	-4.311	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-.813	-.813	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-.813	-.813	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-1.083	-1.083	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-1.127	-1.127	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-1.083	-1.083	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-1.127	-1.127	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-.922	-.922	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.922	-.922	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-2.632	-2.632	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-.717	-.717	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	-.717	-.717	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	-1.078	-1.078	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	-.813	-.813	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	-3.254	-3.254	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-3.204	-3.204	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-1.083	-1.083	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	-1.127	-1.127	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-3.204	-3.204	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	-4.331	-4.331	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	-4.506	-4.506	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-2.632	-2.632	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-.717	-.717	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-.717	-.717	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	-1.078	-1.078	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	-3.254	-3.254	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	-.813	-.813	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,%]
67	M63	X	0	0	0	%100
68	M63	Z	-3.204	-3.204	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	-4.331	-4.331	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-4.506	-4.506	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	-3.204	-3.204	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	-1.083	-1.083	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	-1.127	-1.127	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	-2.96	-2.96	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	-2.96	-2.96	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-3.228	-3.228	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	-2.96	-2.96	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-2.96	-2.96	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	-2.96	-2.96	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-3.228	-3.228	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-2.96	-2.96	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-2.96	-2.96	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	-3.228	-3.228	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	-2.96	-2.96	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	-2.96	-2.96	0	%100
103	O1	X	0	0	0	%100
104	O1	Z	-2.371	-2.371	0	%100
105	O2	X	0	0	0	%100
106	O2	Z	-2.371	-2.371	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	-3.352	-3.352	0	%100
109	M105	X	0	0	0	%100
110	M105	Z	-.838	-.838	0	%100
111	M106	X	0	0	0	%100
112	M106	Z	-.838	-.838	0	%100
113	M125	X	0	0	0	%100
114	M125	Z	-.833	-.833	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	-.833	-.833	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	-3.332	-3.332	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.383	1.383	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,%]
2	M1	Z	-2.395	-2.395	0	%100
3	M4	X	.439	.439	0	%100
4	M4	Z	-.76	-.76	0	%100
5	M10	X	1.075	1.075	0	%100
6	M10	Z	-1.863	-1.863	0	%100
7	M43	X	1.075	1.075	0	%100
8	M43	Z	-1.863	-1.863	0	%100
9	M46	X	1.617	1.617	0	%100
10	M46	Z	-2.8	-2.8	0	%100
11	M51B	X	1.22	1.22	0	%100
12	M51B	Z	-2.113	-2.113	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.534	.534	0	%100
16	M76	Z	-.925	-.925	0	%100
17	M77	X	1.624	1.624	0	%100
18	M77	Z	-2.813	-2.813	0	%100
19	M80	X	1.69	1.69	0	%100
20	M80	Z	-2.927	-2.927	0	%100
21	M84	X	.534	.534	0	%100
22	M84	Z	-.925	-.925	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	1.383	1.383	0	%100
28	M26	Z	-2.395	-2.395	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	.439	.439	0	%100
32	M28	Z	-.76	-.76	0	%100
33	M29	X	1.075	1.075	0	%100
34	M29	Z	-1.863	-1.863	0	%100
35	M30	X	1.075	1.075	0	%100
36	M30	Z	-1.863	-1.863	0	%100
37	M31	X	1.617	1.617	0	%100
38	M31	Z	-2.8	-2.8	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	1.22	1.22	0	%100
42	M35	Z	-2.113	-2.113	0	%100
43	M39	X	.534	.534	0	%100
44	M39	Z	-.925	-.925	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	.534	.534	0	%100
50	M44	Z	-.925	-.925	0	%100
51	M45	X	1.624	1.624	0	%100
52	M45	Z	-2.813	-2.813	0	%100
53	M47	X	1.69	1.69	0	%100
54	M47	Z	-2.927	-2.927	0	%100
55	M52A	X	1.755	1.755	0	%100
56	M52A	Z	-3.039	-3.039	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	1.22	1.22	0	%100
64	M58A	Z	-2.113	-2.113	0	%100
65	M59A	X	1.22	1.22	0	%100
66	M59A	Z	-2.113	-2.113	0	%100
67	M63	X	2.136	2.136	0	%100
68	M63	Z	-3.7	-3.7	0	%100
69	M64	X	1.624	1.624	0	%100
70	M64	Z	-2.813	-2.813	0	%100
71	M66	X	1.69	1.69	0	%100
72	M66	Z	-2.927	-2.927	0	%100
73	M68	X	2.136	2.136	0	%100
74	M68	Z	-3.7	-3.7	0	%100
75	M69	X	1.624	1.624	0	%100
76	M69	Z	-2.813	-2.813	0	%100
77	M71	X	1.69	1.69	0	%100
78	M71	Z	-2.927	-2.927	0	%100
79	MP1A	X	1.48	1.48	0	%100
80	MP1A	Z	-2.563	-2.563	0	%100
81	MP4A	X	1.48	1.48	0	%100
82	MP4A	Z	-2.563	-2.563	0	%100
83	MP3A	X	1.614	1.614	0	%100
84	MP3A	Z	-2.796	-2.796	0	%100
85	MP2A	X	1.48	1.48	0	%100
86	MP2A	Z	-2.563	-2.563	0	%100
87	MP4B	X	1.48	1.48	0	%100
88	MP4B	Z	-2.563	-2.563	0	%100
89	MP1B	X	1.48	1.48	0	%100
90	MP1B	Z	-2.563	-2.563	0	%100
91	MP3B	X	1.614	1.614	0	%100
92	MP3B	Z	-2.796	-2.796	0	%100
93	MP2B	X	1.48	1.48	0	%100
94	MP2B	Z	-2.563	-2.563	0	%100
95	MP4C	X	1.48	1.48	0	%100
96	MP4C	Z	-2.563	-2.563	0	%100
97	MP3C	X	1.614	1.614	0	%100
98	MP3C	Z	-2.796	-2.796	0	%100
99	MP2C	X	1.48	1.48	0	%100
100	MP2C	Z	-2.563	-2.563	0	%100
101	MP1C	X	1.48	1.48	0	%100
102	MP1C	Z	-2.563	-2.563	0	%100
103	O1	X	1.185	1.185	0	%100
104	O1	Z	-2.053	-2.053	0	%100
105	O2	X	1.185	1.185	0	%100
106	O2	Z	-2.053	-2.053	0	%100
107	M104	X	1.257	1.257	0	%100
108	M104	Z	-2.177	-2.177	0	%100
109	M105	X	1.257	1.257	0	%100
110	M105	Z	-2.177	-2.177	0	%100
111	M106	X	0	0	0	%100
112	M106	Z	0	0	0	%100
113	M125	X	1.25	1.25	0	%100
114	M125	Z	-2.164	-2.164	0	%100
115	M126	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
116	M126	Z	0	0	0	%100
117	M127	X	1.25	1.25	0	%100
118	M127	Z	-2.164	-2.164	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	.798	.798	0	%100
2	M1	Z	-.461	-.461	0	%100
3	M4	X	2.28	2.28	0	%100
4	M4	Z	-1.316	-1.316	0	%100
5	M10	X	.621	.621	0	%100
6	M10	Z	-.358	-.358	0	%100
7	M43	X	.621	.621	0	%100
8	M43	Z	-.358	-.358	0	%100
9	M46	X	.933	.933	0	%100
10	M46	Z	-.539	-.539	0	%100
11	M51B	X	2.818	2.818	0	%100
12	M51B	Z	-1.627	-1.627	0	%100
13	M52B	X	.704	.704	0	%100
14	M52B	Z	-.407	-.407	0	%100
15	M76	X	2.775	2.775	0	%100
16	M76	Z	-1.602	-1.602	0	%100
17	M77	X	3.751	3.751	0	%100
18	M77	Z	-2.166	-2.166	0	%100
19	M80	X	3.903	3.903	0	%100
20	M80	Z	-2.253	-2.253	0	%100
21	M84	X	2.775	2.775	0	%100
22	M84	Z	-1.602	-1.602	0	%100
23	M85	X	.938	.938	0	%100
24	M85	Z	-.541	-.541	0	%100
25	M91	X	.976	.976	0	%100
26	M91	Z	-.563	-.563	0	%100
27	M26	X	3.193	3.193	0	%100
28	M26	Z	-1.844	-1.844	0	%100
29	M27	X	.798	.798	0	%100
30	M27	Z	-.461	-.461	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	2.483	2.483	0	%100
34	M29	Z	-1.434	-1.434	0	%100
35	M30	X	2.483	2.483	0	%100
36	M30	Z	-1.434	-1.434	0	%100
37	M31	X	3.733	3.733	0	%100
38	M31	Z	-2.155	-2.155	0	%100
39	M34	X	.704	.704	0	%100
40	M34	Z	-.407	-.407	0	%100
41	M35	X	.704	.704	0	%100
42	M35	Z	-.407	-.407	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	.938	.938	0	%100
46	M40	Z	-.541	-.541	0	%100
47	M42	X	.976	.976	0	%100
48	M42	Z	-.563	-.563	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
51	M45	X	.938	.938	0	%100
52	M45	Z	-.541	-.541	0	%100
53	M47	X	.976	.976	0	%100
54	M47	Z	-.563	-.563	0	%100
55	M52A	X	2.28	2.28	0	%100
56	M52A	Z	-1.316	-1.316	0	%100
57	M53	X	.621	.621	0	%100
58	M53	Z	-.358	-.358	0	%100
59	M54	X	.621	.621	0	%100
60	M54	Z	-.358	-.358	0	%100
61	M55	X	.933	.933	0	%100
62	M55	Z	-.539	-.539	0	%100
63	M58A	X	.704	.704	0	%100
64	M58A	Z	-.407	-.407	0	%100
65	M59A	X	2.818	2.818	0	%100
66	M59A	Z	-1.627	-1.627	0	%100
67	M63	X	2.775	2.775	0	%100
68	M63	Z	-1.602	-1.602	0	%100
69	M64	X	.938	.938	0	%100
70	M64	Z	-.541	-.541	0	%100
71	M66	X	.976	.976	0	%100
72	M66	Z	-.563	-.563	0	%100
73	M68	X	2.775	2.775	0	%100
74	M68	Z	-1.602	-1.602	0	%100
75	M69	X	3.751	3.751	0	%100
76	M69	Z	-2.166	-2.166	0	%100
77	M71	X	3.903	3.903	0	%100
78	M71	Z	-2.253	-2.253	0	%100
79	MP1A	X	2.563	2.563	0	%100
80	MP1A	Z	-1.48	-1.48	0	%100
81	MP4A	X	2.563	2.563	0	%100
82	MP4A	Z	-1.48	-1.48	0	%100
83	MP3A	X	2.796	2.796	0	%100
84	MP3A	Z	-1.614	-1.614	0	%100
85	MP2A	X	2.563	2.563	0	%100
86	MP2A	Z	-1.48	-1.48	0	%100
87	MP4B	X	2.563	2.563	0	%100
88	MP4B	Z	-1.48	-1.48	0	%100
89	MP1B	X	2.563	2.563	0	%100
90	MP1B	Z	-1.48	-1.48	0	%100
91	MP3B	X	2.796	2.796	0	%100
92	MP3B	Z	-1.614	-1.614	0	%100
93	MP2B	X	2.563	2.563	0	%100
94	MP2B	Z	-1.48	-1.48	0	%100
95	MP4C	X	2.563	2.563	0	%100
96	MP4C	Z	-1.48	-1.48	0	%100
97	MP3C	X	2.796	2.796	0	%100
98	MP3C	Z	-1.614	-1.614	0	%100
99	MP2C	X	2.563	2.563	0	%100
100	MP2C	Z	-1.48	-1.48	0	%100
101	MP1C	X	2.563	2.563	0	%100
102	MP1C	Z	-1.48	-1.48	0	%100
103	O1	X	2.053	2.053	0	%100
104	O1	Z	-1.185	-1.185	0	%100
105	O2	X	2.053	2.053	0	%100
106	O2	Z	-1.185	-1.185	0	%100
107	M104	X	.726	.726	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,%]
108	M104	Z	-.419	-.419	0	%100
109	M105	X	2.903	2.903	0	%100
110	M105	Z	-1.676	-1.676	0	%100
111	M106	X	.726	.726	0	%100
112	M106	Z	-.419	-.419	0	%100
113	M125	X	2.886	2.886	0	%100
114	M125	Z	-1.666	-1.666	0	%100
115	M126	X	.721	.721	0	%100
116	M126	Z	-.417	-.417	0	%100
117	M127	X	.721	.721	0	%100
118	M127	Z	-.417	-.417	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.51	3.51	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	2.44	2.44	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	2.44	2.44	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	4.272	4.272	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	3.249	3.249	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	3.38	3.38	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	4.272	4.272	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	3.249	3.249	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	3.38	3.38	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	2.765	2.765	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	2.765	2.765	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	.877	.877	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	2.151	2.151	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	2.151	2.151	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	3.233	3.233	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	2.44	2.44	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	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,%]
43	M39	X	1.068	1.068	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	3.249	3.249	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	3.38	3.38	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	1.068	1.068	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	.877	.877	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	2.151	2.151	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	2.151	2.151	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	3.233	3.233	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	2.44	2.44	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	1.068	1.068	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	1.068	1.068	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	3.249	3.249	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	3.38	3.38	0	%100
78	M71	Z	0	0	0	%100
79	MP1A	X	2.96	2.96	0	%100
80	MP1A	Z	0	0	0	%100
81	MP4A	X	2.96	2.96	0	%100
82	MP4A	Z	0	0	0	%100
83	MP3A	X	3.228	3.228	0	%100
84	MP3A	Z	0	0	0	%100
85	MP2A	X	2.96	2.96	0	%100
86	MP2A	Z	0	0	0	%100
87	MP4B	X	2.96	2.96	0	%100
88	MP4B	Z	0	0	0	%100
89	MP1B	X	2.96	2.96	0	%100
90	MP1B	Z	0	0	0	%100
91	MP3B	X	3.228	3.228	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2B	X	2.96	2.96	0	%100
94	MP2B	Z	0	0	0	%100
95	MP4C	X	2.96	2.96	0	%100
96	MP4C	Z	0	0	0	%100
97	MP3C	X	3.228	3.228	0	%100
98	MP3C	Z	0	0	0	%100
99	MP2C	X	2.96	2.96	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,%]
100	MP2C	Z	0	0	0	%100
101	MP1C	X	2.96	2.96	0	%100
102	MP1C	Z	0	0	0	%100
103	O1	X	2.371	2.371	0	%100
104	O1	Z	0	0	0	%100
105	O2	X	2.371	2.371	0	%100
106	O2	Z	0	0	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	0	0	0	%100
109	M105	X	2.514	2.514	0	%100
110	M105	Z	0	0	0	%100
111	M106	X	2.514	2.514	0	%100
112	M106	Z	0	0	0	%100
113	M125	X	2.499	2.499	0	%100
114	M125	Z	0	0	0	%100
115	M126	X	2.499	2.499	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	0	0	0	%100
118	M127	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	.798	.798	0	%100
2	M1	Z	.461	.461	0	%100
3	M4	X	2.28	2.28	0	%100
4	M4	Z	1.316	1.316	0	%100
5	M10	X	.621	.621	0	%100
6	M10	Z	.358	.358	0	%100
7	M43	X	.621	.621	0	%100
8	M43	Z	.358	.358	0	%100
9	M46	X	.933	.933	0	%100
10	M46	Z	.539	.539	0	%100
11	M51B	X	.704	.704	0	%100
12	M51B	Z	.407	.407	0	%100
13	M52B	X	2.818	2.818	0	%100
14	M52B	Z	1.627	1.627	0	%100
15	M76	X	2.775	2.775	0	%100
16	M76	Z	1.602	1.602	0	%100
17	M77	X	.938	.938	0	%100
18	M77	Z	.541	.541	0	%100
19	M80	X	.976	.976	0	%100
20	M80	Z	.563	.563	0	%100
21	M84	X	2.775	2.775	0	%100
22	M84	Z	1.602	1.602	0	%100
23	M85	X	3.751	3.751	0	%100
24	M85	Z	2.166	2.166	0	%100
25	M91	X	3.903	3.903	0	%100
26	M91	Z	2.253	2.253	0	%100
27	M26	X	.798	.798	0	%100
28	M26	Z	.461	.461	0	%100
29	M27	X	3.193	3.193	0	%100
30	M27	Z	1.844	1.844	0	%100
31	M28	X	2.28	2.28	0	%100
32	M28	Z	1.316	1.316	0	%100
33	M29	X	.621	.621	0	%100
34	M29	Z	.358	.358	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,%]
35	M30	X	.621	.621	0	%100
36	M30	Z	.358	.358	0	%100
37	M31	X	.933	.933	0	%100
38	M31	Z	.539	.539	0	%100
39	M34	X	2.818	2.818	0	%100
40	M34	Z	1.627	1.627	0	%100
41	M35	X	.704	.704	0	%100
42	M35	Z	.407	.407	0	%100
43	M39	X	2.775	2.775	0	%100
44	M39	Z	1.602	1.602	0	%100
45	M40	X	3.751	3.751	0	%100
46	M40	Z	2.166	2.166	0	%100
47	M42	X	3.903	3.903	0	%100
48	M42	Z	2.253	2.253	0	%100
49	M44	X	2.775	2.775	0	%100
50	M44	Z	1.602	1.602	0	%100
51	M45	X	.938	.938	0	%100
52	M45	Z	.541	.541	0	%100
53	M47	X	.976	.976	0	%100
54	M47	Z	.563	.563	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	2.483	2.483	0	%100
58	M53	Z	1.434	1.434	0	%100
59	M54	X	2.483	2.483	0	%100
60	M54	Z	1.434	1.434	0	%100
61	M55	X	3.733	3.733	0	%100
62	M55	Z	2.155	2.155	0	%100
63	M58A	X	.704	.704	0	%100
64	M58A	Z	.407	.407	0	%100
65	M59A	X	.704	.704	0	%100
66	M59A	Z	.407	.407	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	.938	.938	0	%100
70	M64	Z	.541	.541	0	%100
71	M66	X	.976	.976	0	%100
72	M66	Z	.563	.563	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	.938	.938	0	%100
76	M69	Z	.541	.541	0	%100
77	M71	X	.976	.976	0	%100
78	M71	Z	.563	.563	0	%100
79	MP1A	X	2.563	2.563	0	%100
80	MP1A	Z	1.48	1.48	0	%100
81	MP4A	X	2.563	2.563	0	%100
82	MP4A	Z	1.48	1.48	0	%100
83	MP3A	X	2.796	2.796	0	%100
84	MP3A	Z	1.614	1.614	0	%100
85	MP2A	X	2.563	2.563	0	%100
86	MP2A	Z	1.48	1.48	0	%100
87	MP4B	X	2.563	2.563	0	%100
88	MP4B	Z	1.48	1.48	0	%100
89	MP1B	X	2.563	2.563	0	%100
90	MP1B	Z	1.48	1.48	0	%100
91	MP3B	X	2.796	2.796	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,%]
92	MP3B	Z	1.614	1.614	0	%100
93	MP2B	X	2.563	2.563	0	%100
94	MP2B	Z	1.48	1.48	0	%100
95	MP4C	X	2.563	2.563	0	%100
96	MP4C	Z	1.48	1.48	0	%100
97	MP3C	X	2.796	2.796	0	%100
98	MP3C	Z	1.614	1.614	0	%100
99	MP2C	X	2.563	2.563	0	%100
100	MP2C	Z	1.48	1.48	0	%100
101	MP1C	X	2.563	2.563	0	%100
102	MP1C	Z	1.48	1.48	0	%100
103	O1	X	2.053	2.053	0	%100
104	O1	Z	1.185	1.185	0	%100
105	O2	X	2.053	2.053	0	%100
106	O2	Z	1.185	1.185	0	%100
107	M104	X	.726	.726	0	%100
108	M104	Z	.419	.419	0	%100
109	M105	X	.726	.726	0	%100
110	M105	Z	.419	.419	0	%100
111	M106	X	2.903	2.903	0	%100
112	M106	Z	1.676	1.676	0	%100
113	M125	X	.721	.721	0	%100
114	M125	Z	.417	.417	0	%100
115	M126	X	2.886	2.886	0	%100
116	M126	Z	1.666	1.666	0	%100
117	M127	X	.721	.721	0	%100
118	M127	Z	.417	.417	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.383	1.383	0	%100
2	M1	Z	2.395	2.395	0	%100
3	M4	X	.439	.439	0	%100
4	M4	Z	.76	.76	0	%100
5	M10	X	1.075	1.075	0	%100
6	M10	Z	1.863	1.863	0	%100
7	M43	X	1.075	1.075	0	%100
8	M43	Z	1.863	1.863	0	%100
9	M46	X	1.617	1.617	0	%100
10	M46	Z	2.8	2.8	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	1.22	1.22	0	%100
14	M52B	Z	2.113	2.113	0	%100
15	M76	X	.534	.534	0	%100
16	M76	Z	.925	.925	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.534	.534	0	%100
22	M84	Z	.925	.925	0	%100
23	M85	X	1.624	1.624	0	%100
24	M85	Z	2.813	2.813	0	%100
25	M91	X	1.69	1.69	0	%100
26	M91	Z	2.927	2.927	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,%]
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	1.383	1.383	0	%100
30	M27	Z	2.395	2.395	0	%100
31	M28	X	1.755	1.755	0	%100
32	M28	Z	3.039	3.039	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	1.22	1.22	0	%100
40	M34	Z	2.113	2.113	0	%100
41	M35	X	1.22	1.22	0	%100
42	M35	Z	2.113	2.113	0	%100
43	M39	X	2.136	2.136	0	%100
44	M39	Z	3.7	3.7	0	%100
45	M40	X	1.624	1.624	0	%100
46	M40	Z	2.813	2.813	0	%100
47	M42	X	1.69	1.69	0	%100
48	M42	Z	2.927	2.927	0	%100
49	M44	X	2.136	2.136	0	%100
50	M44	Z	3.7	3.7	0	%100
51	M45	X	1.624	1.624	0	%100
52	M45	Z	2.813	2.813	0	%100
53	M47	X	1.69	1.69	0	%100
54	M47	Z	2.927	2.927	0	%100
55	M52A	X	.439	.439	0	%100
56	M52A	Z	.76	.76	0	%100
57	M53	X	1.075	1.075	0	%100
58	M53	Z	1.863	1.863	0	%100
59	M54	X	1.075	1.075	0	%100
60	M54	Z	1.863	1.863	0	%100
61	M55	X	1.617	1.617	0	%100
62	M55	Z	2.8	2.8	0	%100
63	M58A	X	1.22	1.22	0	%100
64	M58A	Z	2.113	2.113	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	.534	.534	0	%100
68	M63	Z	.925	.925	0	%100
69	M64	X	1.624	1.624	0	%100
70	M64	Z	2.813	2.813	0	%100
71	M66	X	1.69	1.69	0	%100
72	M66	Z	2.927	2.927	0	%100
73	M68	X	.534	.534	0	%100
74	M68	Z	.925	.925	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	MP1A	X	1.48	1.48	0	%100
80	MP1A	Z	2.563	2.563	0	%100
81	MP4A	X	1.48	1.48	0	%100
82	MP4A	Z	2.563	2.563	0	%100
83	MP3A	X	1.614	1.614	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,%]
84	MP3A	Z	2.796	2.796	0	%100
85	MP2A	X	1.48	1.48	0	%100
86	MP2A	Z	2.563	2.563	0	%100
87	MP4B	X	1.48	1.48	0	%100
88	MP4B	Z	2.563	2.563	0	%100
89	MP1B	X	1.48	1.48	0	%100
90	MP1B	Z	2.563	2.563	0	%100
91	MP3B	X	1.614	1.614	0	%100
92	MP3B	Z	2.796	2.796	0	%100
93	MP2B	X	1.48	1.48	0	%100
94	MP2B	Z	2.563	2.563	0	%100
95	MP4C	X	1.48	1.48	0	%100
96	MP4C	Z	2.563	2.563	0	%100
97	MP3C	X	1.614	1.614	0	%100
98	MP3C	Z	2.796	2.796	0	%100
99	MP2C	X	1.48	1.48	0	%100
100	MP2C	Z	2.563	2.563	0	%100
101	MP1C	X	1.48	1.48	0	%100
102	MP1C	Z	2.563	2.563	0	%100
103	O1	X	1.185	1.185	0	%100
104	O1	Z	2.053	2.053	0	%100
105	O2	X	1.185	1.185	0	%100
106	O2	Z	2.053	2.053	0	%100
107	M104	X	1.257	1.257	0	%100
108	M104	Z	2.177	2.177	0	%100
109	M105	X	0	0	0	%100
110	M105	Z	0	0	0	%100
111	M106	X	1.257	1.257	0	%100
112	M106	Z	2.177	2.177	0	%100
113	M125	X	0	0	0	%100
114	M125	Z	0	0	0	%100
115	M126	X	1.25	1.25	0	%100
116	M126	Z	2.164	2.164	0	%100
117	M127	X	1.25	1.25	0	%100
118	M127	Z	2.164	2.164	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	3.687	3.687	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	2.868	2.868	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	2.868	2.868	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	4.311	4.311	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.813	.813	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.813	.813	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	1.083	1.083	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,%]
19	M80	X	0	0	0	%100
20	M80	Z	1.127	1.127	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	1.083	1.083	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	1.127	1.127	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	.922	.922	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.922	.922	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	2.632	2.632	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	.717	.717	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	.717	.717	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	1.078	1.078	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	.813	.813	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	3.254	3.254	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	3.204	3.204	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	1.083	1.083	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	1.127	1.127	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	3.204	3.204	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	4.331	4.331	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	4.506	4.506	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	2.632	2.632	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	.717	.717	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	.717	.717	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	1.078	1.078	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	3.254	3.254	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	.813	.813	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	3.204	3.204	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	4.331	4.331	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	4.506	4.506	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	3.204	3.204	0	%100
75	M69	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
76	M69	Z	1.083	1.083	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	1.127	1.127	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	2.96	2.96	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	2.96	2.96	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	3.228	3.228	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	2.96	2.96	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	2.96	2.96	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	2.96	2.96	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	3.228	3.228	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	2.96	2.96	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	2.96	2.96	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	3.228	3.228	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	2.96	2.96	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	2.96	2.96	0	%100
103	O1	X	0	0	0	%100
104	O1	Z	2.371	2.371	0	%100
105	O2	X	0	0	0	%100
106	O2	Z	2.371	2.371	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	3.352	3.352	0	%100
109	M105	X	0	0	0	%100
110	M105	Z	.838	.838	0	%100
111	M106	X	0	0	0	%100
112	M106	Z	.838	.838	0	%100
113	M125	X	0	0	0	%100
114	M125	Z	.833	.833	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	.833	.833	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	3.332	3.332	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	-1.383	-1.383	0	%100
2	M1	Z	2.395	2.395	0	%100
3	M4	X	-.439	-.439	0	%100
4	M4	Z	.76	.76	0	%100
5	M10	X	-1.075	-1.075	0	%100
6	M10	Z	1.863	1.863	0	%100
7	M43	X	-1.075	-1.075	0	%100
8	M43	Z	1.863	1.863	0	%100
9	M46	X	-1.617	-1.617	0	%100
10	M46	Z	2.8	2.8	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,%]
11	M51B	X	-1.22	-1.22	0	%100
12	M51B	Z	2.113	2.113	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.534	-.534	0	%100
16	M76	Z	.925	.925	0	%100
17	M77	X	-1.624	-1.624	0	%100
18	M77	Z	2.813	2.813	0	%100
19	M80	X	-1.69	-1.69	0	%100
20	M80	Z	2.927	2.927	0	%100
21	M84	X	-.534	-.534	0	%100
22	M84	Z	.925	.925	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-1.383	-1.383	0	%100
28	M26	Z	2.395	2.395	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-.439	-.439	0	%100
32	M28	Z	.76	.76	0	%100
33	M29	X	-1.075	-1.075	0	%100
34	M29	Z	1.863	1.863	0	%100
35	M30	X	-1.075	-1.075	0	%100
36	M30	Z	1.863	1.863	0	%100
37	M31	X	-1.617	-1.617	0	%100
38	M31	Z	2.8	2.8	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	-1.22	-1.22	0	%100
42	M35	Z	2.113	2.113	0	%100
43	M39	X	-.534	-.534	0	%100
44	M39	Z	.925	.925	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-.534	-.534	0	%100
50	M44	Z	.925	.925	0	%100
51	M45	X	-1.624	-1.624	0	%100
52	M45	Z	2.813	2.813	0	%100
53	M47	X	-1.69	-1.69	0	%100
54	M47	Z	2.927	2.927	0	%100
55	M52A	X	-1.755	-1.755	0	%100
56	M52A	Z	3.039	3.039	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	-1.22	-1.22	0	%100
64	M58A	Z	2.113	2.113	0	%100
65	M59A	X	-1.22	-1.22	0	%100
66	M59A	Z	2.113	2.113	0	%100
67	M63	X	-2.136	-2.136	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,%]
68	M63	Z	3.7	3.7	0	%100
69	M64	X	-1.624	-1.624	0	%100
70	M64	Z	2.813	2.813	0	%100
71	M66	X	-1.69	-1.69	0	%100
72	M66	Z	2.927	2.927	0	%100
73	M68	X	-2.136	-2.136	0	%100
74	M68	Z	3.7	3.7	0	%100
75	M69	X	-1.624	-1.624	0	%100
76	M69	Z	2.813	2.813	0	%100
77	M71	X	-1.69	-1.69	0	%100
78	M71	Z	2.927	2.927	0	%100
79	MP1A	X	-1.48	-1.48	0	%100
80	MP1A	Z	2.563	2.563	0	%100
81	MP4A	X	-1.48	-1.48	0	%100
82	MP4A	Z	2.563	2.563	0	%100
83	MP3A	X	-1.614	-1.614	0	%100
84	MP3A	Z	2.796	2.796	0	%100
85	MP2A	X	-1.48	-1.48	0	%100
86	MP2A	Z	2.563	2.563	0	%100
87	MP4B	X	-1.48	-1.48	0	%100
88	MP4B	Z	2.563	2.563	0	%100
89	MP1B	X	-1.48	-1.48	0	%100
90	MP1B	Z	2.563	2.563	0	%100
91	MP3B	X	-1.614	-1.614	0	%100
92	MP3B	Z	2.796	2.796	0	%100
93	MP2B	X	-1.48	-1.48	0	%100
94	MP2B	Z	2.563	2.563	0	%100
95	MP4C	X	-1.48	-1.48	0	%100
96	MP4C	Z	2.563	2.563	0	%100
97	MP3C	X	-1.614	-1.614	0	%100
98	MP3C	Z	2.796	2.796	0	%100
99	MP2C	X	-1.48	-1.48	0	%100
100	MP2C	Z	2.563	2.563	0	%100
101	MP1C	X	-1.48	-1.48	0	%100
102	MP1C	Z	2.563	2.563	0	%100
103	O1	X	-1.185	-1.185	0	%100
104	O1	Z	2.053	2.053	0	%100
105	O2	X	-1.185	-1.185	0	%100
106	O2	Z	2.053	2.053	0	%100
107	M104	X	-1.257	-1.257	0	%100
108	M104	Z	2.177	2.177	0	%100
109	M105	X	-1.257	-1.257	0	%100
110	M105	Z	2.177	2.177	0	%100
111	M106	X	0	0	0	%100
112	M106	Z	0	0	0	%100
113	M125	X	-1.25	-1.25	0	%100
114	M125	Z	2.164	2.164	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	-1.25	-1.25	0	%100
118	M127	Z	2.164	2.164	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	-.798	-.798	0	%100
2	M1	Z	.461	.461	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,%]
3	M4	X	-2.28	-2.28	0	%100
4	M4	Z	1.316	1.316	0	%100
5	M10	X	-.621	-.621	0	%100
6	M10	Z	.358	.358	0	%100
7	M43	X	-.621	-.621	0	%100
8	M43	Z	.358	.358	0	%100
9	M46	X	-.933	-.933	0	%100
10	M46	Z	.539	.539	0	%100
11	M51B	X	-2.818	-2.818	0	%100
12	M51B	Z	1.627	1.627	0	%100
13	M52B	X	-.704	-.704	0	%100
14	M52B	Z	.407	.407	0	%100
15	M76	X	-2.775	-2.775	0	%100
16	M76	Z	1.602	1.602	0	%100
17	M77	X	-3.751	-3.751	0	%100
18	M77	Z	2.166	2.166	0	%100
19	M80	X	-3.903	-3.903	0	%100
20	M80	Z	2.253	2.253	0	%100
21	M84	X	-2.775	-2.775	0	%100
22	M84	Z	1.602	1.602	0	%100
23	M85	X	-.938	-.938	0	%100
24	M85	Z	.541	.541	0	%100
25	M91	X	-.976	-.976	0	%100
26	M91	Z	.563	.563	0	%100
27	M26	X	-3.193	-3.193	0	%100
28	M26	Z	1.844	1.844	0	%100
29	M27	X	-.798	-.798	0	%100
30	M27	Z	.461	.461	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-2.483	-2.483	0	%100
34	M29	Z	1.434	1.434	0	%100
35	M30	X	-2.483	-2.483	0	%100
36	M30	Z	1.434	1.434	0	%100
37	M31	X	-3.733	-3.733	0	%100
38	M31	Z	2.155	2.155	0	%100
39	M34	X	-.704	-.704	0	%100
40	M34	Z	.407	.407	0	%100
41	M35	X	-.704	-.704	0	%100
42	M35	Z	.407	.407	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-.938	-.938	0	%100
46	M40	Z	.541	.541	0	%100
47	M42	X	-.976	-.976	0	%100
48	M42	Z	.563	.563	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	-.938	-.938	0	%100
52	M45	Z	.541	.541	0	%100
53	M47	X	-.976	-.976	0	%100
54	M47	Z	.563	.563	0	%100
55	M52A	X	-2.28	-2.28	0	%100
56	M52A	Z	1.316	1.316	0	%100
57	M53	X	-.621	-.621	0	%100
58	M53	Z	.358	.358	0	%100
59	M54	X	-.621	-.621	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,%]
60	M54	Z	.358	.358	0	%100
61	M55	X	-.933	-.933	0	%100
62	M55	Z	.539	.539	0	%100
63	M58A	X	-.704	-.704	0	%100
64	M58A	Z	.407	.407	0	%100
65	M59A	X	-2.818	-2.818	0	%100
66	M59A	Z	1.627	1.627	0	%100
67	M63	X	-2.775	-2.775	0	%100
68	M63	Z	1.602	1.602	0	%100
69	M64	X	-.938	-.938	0	%100
70	M64	Z	.541	.541	0	%100
71	M66	X	-.976	-.976	0	%100
72	M66	Z	.563	.563	0	%100
73	M68	X	-2.775	-2.775	0	%100
74	M68	Z	1.602	1.602	0	%100
75	M69	X	-3.751	-3.751	0	%100
76	M69	Z	2.166	2.166	0	%100
77	M71	X	-3.903	-3.903	0	%100
78	M71	Z	2.253	2.253	0	%100
79	MP1A	X	-2.563	-2.563	0	%100
80	MP1A	Z	1.48	1.48	0	%100
81	MP4A	X	-2.563	-2.563	0	%100
82	MP4A	Z	1.48	1.48	0	%100
83	MP3A	X	-2.796	-2.796	0	%100
84	MP3A	Z	1.614	1.614	0	%100
85	MP2A	X	-2.563	-2.563	0	%100
86	MP2A	Z	1.48	1.48	0	%100
87	MP4B	X	-2.563	-2.563	0	%100
88	MP4B	Z	1.48	1.48	0	%100
89	MP1B	X	-2.563	-2.563	0	%100
90	MP1B	Z	1.48	1.48	0	%100
91	MP3B	X	-2.796	-2.796	0	%100
92	MP3B	Z	1.614	1.614	0	%100
93	MP2B	X	-2.563	-2.563	0	%100
94	MP2B	Z	1.48	1.48	0	%100
95	MP4C	X	-2.563	-2.563	0	%100
96	MP4C	Z	1.48	1.48	0	%100
97	MP3C	X	-2.796	-2.796	0	%100
98	MP3C	Z	1.614	1.614	0	%100
99	MP2C	X	-2.563	-2.563	0	%100
100	MP2C	Z	1.48	1.48	0	%100
101	MP1C	X	-2.563	-2.563	0	%100
102	MP1C	Z	1.48	1.48	0	%100
103	O1	X	-2.053	-2.053	0	%100
104	O1	Z	1.185	1.185	0	%100
105	O2	X	-2.053	-2.053	0	%100
106	O2	Z	1.185	1.185	0	%100
107	M104	X	-.726	-.726	0	%100
108	M104	Z	.419	.419	0	%100
109	M105	X	-2.903	-2.903	0	%100
110	M105	Z	1.676	1.676	0	%100
111	M106	X	-.726	-.726	0	%100
112	M106	Z	.419	.419	0	%100
113	M125	X	-2.886	-2.886	0	%100
114	M125	Z	1.666	1.666	0	%100
115	M126	X	-.721	-.721	0	%100
116	M126	Z	.417	.417	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,%]
117	M127	X	-.721	-.721	0	%100
118	M127	Z	.417	.417	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.51	-3.51	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-2.44	-2.44	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-2.44	-2.44	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-4.272	-4.272	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-3.249	-3.249	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-3.38	-3.38	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-4.272	-4.272	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-3.249	-3.249	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-3.38	-3.38	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-2.765	-2.765	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-2.765	-2.765	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-.877	-.877	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-2.151	-2.151	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	-2.151	-2.151	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	-3.233	-3.233	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	-2.44	-2.44	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	-1.068	-1.068	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-3.249	-3.249	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	-3.38	-3.38	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-1.068	-1.068	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	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,%]
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	-.877	-.877	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-2.151	-2.151	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	-2.151	-2.151	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	-3.233	-3.233	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	-2.44	-2.44	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-1.068	-1.068	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	-1.068	-1.068	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-3.249	-3.249	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	-3.38	-3.38	0	%100
78	M71	Z	0	0	0	%100
79	MP1A	X	-2.96	-2.96	0	%100
80	MP1A	Z	0	0	0	%100
81	MP4A	X	-2.96	-2.96	0	%100
82	MP4A	Z	0	0	0	%100
83	MP3A	X	-3.228	-3.228	0	%100
84	MP3A	Z	0	0	0	%100
85	MP2A	X	-2.96	-2.96	0	%100
86	MP2A	Z	0	0	0	%100
87	MP4B	X	-2.96	-2.96	0	%100
88	MP4B	Z	0	0	0	%100
89	MP1B	X	-2.96	-2.96	0	%100
90	MP1B	Z	0	0	0	%100
91	MP3B	X	-3.228	-3.228	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2B	X	-2.96	-2.96	0	%100
94	MP2B	Z	0	0	0	%100
95	MP4C	X	-2.96	-2.96	0	%100
96	MP4C	Z	0	0	0	%100
97	MP3C	X	-3.228	-3.228	0	%100
98	MP3C	Z	0	0	0	%100
99	MP2C	X	-2.96	-2.96	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	-2.96	-2.96	0	%100
102	MP1C	Z	0	0	0	%100
103	O1	X	-2.371	-2.371	0	%100
104	O1	Z	0	0	0	%100
105	O2	X	-2.371	-2.371	0	%100
106	O2	Z	0	0	0	%100
107	M104	X	0	0	0	%100
108	M104	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,%]
109	M105	X	-2.514	-2.514	0	%100
110	M105	Z	0	0	0	%100
111	M106	X	-2.514	-2.514	0	%100
112	M106	Z	0	0	0	%100
113	M125	X	-2.499	-2.499	0	%100
114	M125	Z	0	0	0	%100
115	M126	X	-2.499	-2.499	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	0	0	0	%100
118	M127	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	-.798	-.798	0	%100
2	M1	Z	-.461	-.461	0	%100
3	M4	X	-2.28	-2.28	0	%100
4	M4	Z	-1.316	-1.316	0	%100
5	M10	X	-.621	-.621	0	%100
6	M10	Z	-.358	-.358	0	%100
7	M43	X	-.621	-.621	0	%100
8	M43	Z	-.358	-.358	0	%100
9	M46	X	-.933	-.933	0	%100
10	M46	Z	-.539	-.539	0	%100
11	M51B	X	-.704	-.704	0	%100
12	M51B	Z	-.407	-.407	0	%100
13	M52B	X	-2.818	-2.818	0	%100
14	M52B	Z	-1.627	-1.627	0	%100
15	M76	X	-2.775	-2.775	0	%100
16	M76	Z	-1.602	-1.602	0	%100
17	M77	X	-.938	-.938	0	%100
18	M77	Z	-.541	-.541	0	%100
19	M80	X	-.976	-.976	0	%100
20	M80	Z	-.563	-.563	0	%100
21	M84	X	-2.775	-2.775	0	%100
22	M84	Z	-1.602	-1.602	0	%100
23	M85	X	-3.751	-3.751	0	%100
24	M85	Z	-2.166	-2.166	0	%100
25	M91	X	-3.903	-3.903	0	%100
26	M91	Z	-2.253	-2.253	0	%100
27	M26	X	-.798	-.798	0	%100
28	M26	Z	-.461	-.461	0	%100
29	M27	X	-3.193	-3.193	0	%100
30	M27	Z	-1.844	-1.844	0	%100
31	M28	X	-2.28	-2.28	0	%100
32	M28	Z	-1.316	-1.316	0	%100
33	M29	X	-.621	-.621	0	%100
34	M29	Z	-.358	-.358	0	%100
35	M30	X	-.621	-.621	0	%100
36	M30	Z	-.358	-.358	0	%100
37	M31	X	-.933	-.933	0	%100
38	M31	Z	-.539	-.539	0	%100
39	M34	X	-2.818	-2.818	0	%100
40	M34	Z	-1.627	-1.627	0	%100
41	M35	X	-.704	-.704	0	%100
42	M35	Z	-.407	-.407	0	%100
43	M39	X	-2.775	-2.775	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,%]
44	M39	Z	-1.602	-1.602	0	%100
45	M40	X	-3.751	-3.751	0	%100
46	M40	Z	-2.166	-2.166	0	%100
47	M42	X	-3.903	-3.903	0	%100
48	M42	Z	-2.253	-2.253	0	%100
49	M44	X	-2.775	-2.775	0	%100
50	M44	Z	-1.602	-1.602	0	%100
51	M45	X	-.938	-.938	0	%100
52	M45	Z	-.541	-.541	0	%100
53	M47	X	-.976	-.976	0	%100
54	M47	Z	-.563	-.563	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-2.483	-2.483	0	%100
58	M53	Z	-1.434	-1.434	0	%100
59	M54	X	-2.483	-2.483	0	%100
60	M54	Z	-1.434	-1.434	0	%100
61	M55	X	-3.733	-3.733	0	%100
62	M55	Z	-2.155	-2.155	0	%100
63	M58A	X	-.704	-.704	0	%100
64	M58A	Z	-.407	-.407	0	%100
65	M59A	X	-.704	-.704	0	%100
66	M59A	Z	-.407	-.407	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	-.938	-.938	0	%100
70	M64	Z	-.541	-.541	0	%100
71	M66	X	-.976	-.976	0	%100
72	M66	Z	-.563	-.563	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-.938	-.938	0	%100
76	M69	Z	-.541	-.541	0	%100
77	M71	X	-.976	-.976	0	%100
78	M71	Z	-.563	-.563	0	%100
79	MP1A	X	-2.563	-2.563	0	%100
80	MP1A	Z	-1.48	-1.48	0	%100
81	MP4A	X	-2.563	-2.563	0	%100
82	MP4A	Z	-1.48	-1.48	0	%100
83	MP3A	X	-2.796	-2.796	0	%100
84	MP3A	Z	-1.614	-1.614	0	%100
85	MP2A	X	-2.563	-2.563	0	%100
86	MP2A	Z	-1.48	-1.48	0	%100
87	MP4B	X	-2.563	-2.563	0	%100
88	MP4B	Z	-1.48	-1.48	0	%100
89	MP1B	X	-2.563	-2.563	0	%100
90	MP1B	Z	-1.48	-1.48	0	%100
91	MP3B	X	-2.796	-2.796	0	%100
92	MP3B	Z	-1.614	-1.614	0	%100
93	MP2B	X	-2.563	-2.563	0	%100
94	MP2B	Z	-1.48	-1.48	0	%100
95	MP4C	X	-2.563	-2.563	0	%100
96	MP4C	Z	-1.48	-1.48	0	%100
97	MP3C	X	-2.796	-2.796	0	%100
98	MP3C	Z	-1.614	-1.614	0	%100
99	MP2C	X	-2.563	-2.563	0	%100
100	MP2C	Z	-1.48	-1.48	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,%]
101	MP1C	X	-2.563	-2.563	0	%100
102	MP1C	Z	-1.48	-1.48	0	%100
103	O1	X	-2.053	-2.053	0	%100
104	O1	Z	-1.185	-1.185	0	%100
105	O2	X	-2.053	-2.053	0	%100
106	O2	Z	-1.185	-1.185	0	%100
107	M104	X	-.726	-.726	0	%100
108	M104	Z	-.419	-.419	0	%100
109	M105	X	-.726	-.726	0	%100
110	M105	Z	-.419	-.419	0	%100
111	M106	X	-2.903	-2.903	0	%100
112	M106	Z	-1.676	-1.676	0	%100
113	M125	X	-.721	-.721	0	%100
114	M125	Z	-.417	-.417	0	%100
115	M126	X	-2.886	-2.886	0	%100
116	M126	Z	-1.666	-1.666	0	%100
117	M127	X	-.721	-.721	0	%100
118	M127	Z	-.417	-.417	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.383	-1.383	0	%100
2	M1	Z	-2.395	-2.395	0	%100
3	M4	X	-.439	-.439	0	%100
4	M4	Z	-.76	-.76	0	%100
5	M10	X	-1.075	-1.075	0	%100
6	M10	Z	-1.863	-1.863	0	%100
7	M43	X	-1.075	-1.075	0	%100
8	M43	Z	-1.863	-1.863	0	%100
9	M46	X	-1.617	-1.617	0	%100
10	M46	Z	-2.8	-2.8	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-1.22	-1.22	0	%100
14	M52B	Z	-2.113	-2.113	0	%100
15	M76	X	-.534	-.534	0	%100
16	M76	Z	-.925	-.925	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-.534	-.534	0	%100
22	M84	Z	-.925	-.925	0	%100
23	M85	X	-1.624	-1.624	0	%100
24	M85	Z	-2.813	-2.813	0	%100
25	M91	X	-1.69	-1.69	0	%100
26	M91	Z	-2.927	-2.927	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-1.383	-1.383	0	%100
30	M27	Z	-2.395	-2.395	0	%100
31	M28	X	-1.755	-1.755	0	%100
32	M28	Z	-3.039	-3.039	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	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,%]
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	-1.22	-1.22	0	%100
40	M34	Z	-2.113	-2.113	0	%100
41	M35	X	-1.22	-1.22	0	%100
42	M35	Z	-2.113	-2.113	0	%100
43	M39	X	-2.136	-2.136	0	%100
44	M39	Z	-3.7	-3.7	0	%100
45	M40	X	-1.624	-1.624	0	%100
46	M40	Z	-2.813	-2.813	0	%100
47	M42	X	-1.69	-1.69	0	%100
48	M42	Z	-2.927	-2.927	0	%100
49	M44	X	-2.136	-2.136	0	%100
50	M44	Z	-3.7	-3.7	0	%100
51	M45	X	-1.624	-1.624	0	%100
52	M45	Z	-2.813	-2.813	0	%100
53	M47	X	-1.69	-1.69	0	%100
54	M47	Z	-2.927	-2.927	0	%100
55	M52A	X	-.439	-.439	0	%100
56	M52A	Z	-.76	-.76	0	%100
57	M53	X	-1.075	-1.075	0	%100
58	M53	Z	-1.863	-1.863	0	%100
59	M54	X	-1.075	-1.075	0	%100
60	M54	Z	-1.863	-1.863	0	%100
61	M55	X	-1.617	-1.617	0	%100
62	M55	Z	-2.8	-2.8	0	%100
63	M58A	X	-1.22	-1.22	0	%100
64	M58A	Z	-2.113	-2.113	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-.534	-.534	0	%100
68	M63	Z	-.925	-.925	0	%100
69	M64	X	-1.624	-1.624	0	%100
70	M64	Z	-2.813	-2.813	0	%100
71	M66	X	-1.69	-1.69	0	%100
72	M66	Z	-2.927	-2.927	0	%100
73	M68	X	-.534	-.534	0	%100
74	M68	Z	-.925	-.925	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	MP1A	X	-1.48	-1.48	0	%100
80	MP1A	Z	-2.563	-2.563	0	%100
81	MP4A	X	-1.48	-1.48	0	%100
82	MP4A	Z	-2.563	-2.563	0	%100
83	MP3A	X	-1.614	-1.614	0	%100
84	MP3A	Z	-2.796	-2.796	0	%100
85	MP2A	X	-1.48	-1.48	0	%100
86	MP2A	Z	-2.563	-2.563	0	%100
87	MP4B	X	-1.48	-1.48	0	%100
88	MP4B	Z	-2.563	-2.563	0	%100
89	MP1B	X	-1.48	-1.48	0	%100
90	MP1B	Z	-2.563	-2.563	0	%100
91	MP3B	X	-1.614	-1.614	0	%100
92	MP3B	Z	-2.796	-2.796	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,%]
93	MP2B	X	-1.48	-1.48	0	%100
94	MP2B	Z	-2.563	-2.563	0	%100
95	MP4C	X	-1.48	-1.48	0	%100
96	MP4C	Z	-2.563	-2.563	0	%100
97	MP3C	X	-1.614	-1.614	0	%100
98	MP3C	Z	-2.796	-2.796	0	%100
99	MP2C	X	-1.48	-1.48	0	%100
100	MP2C	Z	-2.563	-2.563	0	%100
101	MP1C	X	-1.48	-1.48	0	%100
102	MP1C	Z	-2.563	-2.563	0	%100
103	O1	X	-1.185	-1.185	0	%100
104	O1	Z	-2.053	-2.053	0	%100
105	O2	X	-1.185	-1.185	0	%100
106	O2	Z	-2.053	-2.053	0	%100
107	M104	X	-1.257	-1.257	0	%100
108	M104	Z	-2.177	-2.177	0	%100
109	M105	X	0	0	0	%100
110	M105	Z	0	0	0	%100
111	M106	X	-1.257	-1.257	0	%100
112	M106	Z	-2.177	-2.177	0	%100
113	M125	X	0	0	0	%100
114	M125	Z	0	0	0	%100
115	M126	X	-1.25	-1.25	0	%100
116	M126	Z	-2.164	-2.164	0	%100
117	M127	X	-1.25	-1.25	0	%100
118	M127	Z	-2.164	-2.164	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	-.675	-.675	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.58	-.58	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-.58	-.58	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-1.157	-1.157	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-.161	-.161	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-.161	-.161	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-.295	-.295	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-.31	-.31	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-.295	-.295	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-.31	-.31	0	%100
27	M26	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M26	Z	-.169	-.169	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.169	-.169	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-.516	-.516	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-.145	-.145	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	-.145	-.145	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	-.289	-.289	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	-.161	-.161	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	-.643	-.643	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-.868	-.868	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-.295	-.295	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	-.31	-.31	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-.868	-.868	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	-1.179	-1.179	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	-1.242	-1.242	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-.516	-.516	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-.145	-.145	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-.145	-.145	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	-.289	-.289	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	-.643	-.643	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	-.161	-.161	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	-.868	-.868	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	-1.179	-1.179	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-1.242	-1.242	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	-.868	-.868	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	-.295	-.295	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	-.31	-.31	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	-.458	-.458	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	-.458	-.458	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-.555	-.555	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,%]
85	MP2A	X	0	0	0	%100
86	MP2A	Z	-.458	-.458	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-.458	-.458	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	-.458	-.458	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-.555	-.555	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-.458	-.458	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-.458	-.458	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	-.555	-.555	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	-.458	-.458	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	-.458	-.458	0	%100
103	O1	X	0	0	0	%100
104	O1	Z	-.375	-.375	0	%100
105	O2	X	0	0	0	%100
106	O2	Z	-.375	-.375	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	-.555	-.555	0	%100
109	M105	X	0	0	0	%100
110	M105	Z	-.139	-.139	0	%100
111	M106	X	0	0	0	%100
112	M106	Z	-.139	-.139	0	%100
113	M125	X	0	0	0	%100
114	M125	Z	-.184	-.184	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	-.184	-.184	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	-.735	-.735	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	.253	.253	0	%100
2	M1	Z	-.439	-.439	0	%100
3	M4	X	.086	.086	0	%100
4	M4	Z	-.149	-.149	0	%100
5	M10	X	.218	.218	0	%100
6	M10	Z	-.377	-.377	0	%100
7	M43	X	.218	.218	0	%100
8	M43	Z	-.377	-.377	0	%100
9	M46	X	.434	.434	0	%100
10	M46	Z	-.752	-.752	0	%100
11	M51B	X	.241	.241	0	%100
12	M51B	Z	-.417	-.417	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.145	.145	0	%100
16	M76	Z	-.251	-.251	0	%100
17	M77	X	.442	.442	0	%100
18	M77	Z	-.766	-.766	0	%100
19	M80	X	.466	.466	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,%]
20	M80	Z	-.807	-.807	0	%100
21	M84	X	.145	.145	0	%100
22	M84	Z	-.251	-.251	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	.253	.253	0	%100
28	M26	Z	-.439	-.439	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	.086	.086	0	%100
32	M28	Z	-.149	-.149	0	%100
33	M29	X	.218	.218	0	%100
34	M29	Z	-.377	-.377	0	%100
35	M30	X	.218	.218	0	%100
36	M30	Z	-.377	-.377	0	%100
37	M31	X	.434	.434	0	%100
38	M31	Z	-.752	-.752	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	.241	.241	0	%100
42	M35	Z	-.417	-.417	0	%100
43	M39	X	.145	.145	0	%100
44	M39	Z	-.251	-.251	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	.145	.145	0	%100
50	M44	Z	-.251	-.251	0	%100
51	M45	X	.442	.442	0	%100
52	M45	Z	-.766	-.766	0	%100
53	M47	X	.466	.466	0	%100
54	M47	Z	-.807	-.807	0	%100
55	M52A	X	.344	.344	0	%100
56	M52A	Z	-.596	-.596	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	.241	.241	0	%100
64	M58A	Z	-.417	-.417	0	%100
65	M59A	X	.241	.241	0	%100
66	M59A	Z	-.417	-.417	0	%100
67	M63	X	.579	.579	0	%100
68	M63	Z	-1.002	-1.002	0	%100
69	M64	X	.442	.442	0	%100
70	M64	Z	-.766	-.766	0	%100
71	M66	X	.466	.466	0	%100
72	M66	Z	-.807	-.807	0	%100
73	M68	X	.579	.579	0	%100
74	M68	Z	-1.002	-1.002	0	%100
75	M69	X	.442	.442	0	%100
76	M69	Z	-.766	-.766	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,%]
77	M71	X	.466	.466	0	%100
78	M71	Z	-.807	-.807	0	%100
79	MP1A	X	.229	.229	0	%100
80	MP1A	Z	-.397	-.397	0	%100
81	MP4A	X	.229	.229	0	%100
82	MP4A	Z	-.397	-.397	0	%100
83	MP3A	X	.277	.277	0	%100
84	MP3A	Z	-.48	-.48	0	%100
85	MP2A	X	.229	.229	0	%100
86	MP2A	Z	-.397	-.397	0	%100
87	MP4B	X	.229	.229	0	%100
88	MP4B	Z	-.397	-.397	0	%100
89	MP1B	X	.229	.229	0	%100
90	MP1B	Z	-.397	-.397	0	%100
91	MP3B	X	.277	.277	0	%100
92	MP3B	Z	-.48	-.48	0	%100
93	MP2B	X	.229	.229	0	%100
94	MP2B	Z	-.397	-.397	0	%100
95	MP4C	X	.229	.229	0	%100
96	MP4C	Z	-.397	-.397	0	%100
97	MP3C	X	.277	.277	0	%100
98	MP3C	Z	-.48	-.48	0	%100
99	MP2C	X	.229	.229	0	%100
100	MP2C	Z	-.397	-.397	0	%100
101	MP1C	X	.229	.229	0	%100
102	MP1C	Z	-.397	-.397	0	%100
103	O1	X	.187	.187	0	%100
104	O1	Z	-.324	-.324	0	%100
105	O2	X	.187	.187	0	%100
106	O2	Z	-.324	-.324	0	%100
107	M104	X	.208	.208	0	%100
108	M104	Z	-.36	-.36	0	%100
109	M105	X	.208	.208	0	%100
110	M105	Z	-.36	-.36	0	%100
111	M106	X	0	0	0	%100
112	M106	Z	0	0	0	%100
113	M125	X	.275	.275	0	%100
114	M125	Z	-.477	-.477	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	.275	.275	0	%100
118	M127	Z	-.477	-.477	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	.146	.146	0	%100
2	M1	Z	-.084	-.084	0	%100
3	M4	X	.447	.447	0	%100
4	M4	Z	-.258	-.258	0	%100
5	M10	X	.126	.126	0	%100
6	M10	Z	-.073	-.073	0	%100
7	M43	X	.126	.126	0	%100
8	M43	Z	-.073	-.073	0	%100
9	M46	X	.251	.251	0	%100
10	M46	Z	-.145	-.145	0	%100
11	M51B	X	.557	.557	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,%]
12	M51B	Z	-.321	-.321	0	%100
13	M52B	X	.139	.139	0	%100
14	M52B	Z	-.08	-.08	0	%100
15	M76	X	.752	.752	0	%100
16	M76	Z	-.434	-.434	0	%100
17	M77	X	1.021	1.021	0	%100
18	M77	Z	-.589	-.589	0	%100
19	M80	X	1.075	1.075	0	%100
20	M80	Z	-.621	-.621	0	%100
21	M84	X	.752	.752	0	%100
22	M84	Z	-.434	-.434	0	%100
23	M85	X	.255	.255	0	%100
24	M85	Z	-.147	-.147	0	%100
25	M91	X	.269	.269	0	%100
26	M91	Z	-.155	-.155	0	%100
27	M26	X	.585	.585	0	%100
28	M26	Z	-.338	-.338	0	%100
29	M27	X	.146	.146	0	%100
30	M27	Z	-.084	-.084	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	.503	.503	0	%100
34	M29	Z	-.29	-.29	0	%100
35	M30	X	.503	.503	0	%100
36	M30	Z	-.29	-.29	0	%100
37	M31	X	1.002	1.002	0	%100
38	M31	Z	-.579	-.579	0	%100
39	M34	X	.139	.139	0	%100
40	M34	Z	-.08	-.08	0	%100
41	M35	X	.139	.139	0	%100
42	M35	Z	-.08	-.08	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	.255	.255	0	%100
46	M40	Z	-.147	-.147	0	%100
47	M42	X	.269	.269	0	%100
48	M42	Z	-.155	-.155	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	.255	.255	0	%100
52	M45	Z	-.147	-.147	0	%100
53	M47	X	.269	.269	0	%100
54	M47	Z	-.155	-.155	0	%100
55	M52A	X	.447	.447	0	%100
56	M52A	Z	-.258	-.258	0	%100
57	M53	X	.126	.126	0	%100
58	M53	Z	-.073	-.073	0	%100
59	M54	X	.126	.126	0	%100
60	M54	Z	-.073	-.073	0	%100
61	M55	X	.251	.251	0	%100
62	M55	Z	-.145	-.145	0	%100
63	M58A	X	.139	.139	0	%100
64	M58A	Z	-.08	-.08	0	%100
65	M59A	X	.557	.557	0	%100
66	M59A	Z	-.321	-.321	0	%100
67	M63	X	.752	.752	0	%100
68	M63	Z	-.434	-.434	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,%]
69	M64	X	.255	.255	0	%100
70	M64	Z	-.147	-.147	0	%100
71	M66	X	.269	.269	0	%100
72	M66	Z	-.155	-.155	0	%100
73	M68	X	.752	.752	0	%100
74	M68	Z	-.434	-.434	0	%100
75	M69	X	1.021	1.021	0	%100
76	M69	Z	-.589	-.589	0	%100
77	M71	X	1.075	1.075	0	%100
78	M71	Z	-.621	-.621	0	%100
79	MP1A	X	.397	.397	0	%100
80	MP1A	Z	-.229	-.229	0	%100
81	MP4A	X	.397	.397	0	%100
82	MP4A	Z	-.229	-.229	0	%100
83	MP3A	X	.48	.48	0	%100
84	MP3A	Z	-.277	-.277	0	%100
85	MP2A	X	.397	.397	0	%100
86	MP2A	Z	-.229	-.229	0	%100
87	MP4B	X	.397	.397	0	%100
88	MP4B	Z	-.229	-.229	0	%100
89	MP1B	X	.397	.397	0	%100
90	MP1B	Z	-.229	-.229	0	%100
91	MP3B	X	.48	.48	0	%100
92	MP3B	Z	-.277	-.277	0	%100
93	MP2B	X	.397	.397	0	%100
94	MP2B	Z	-.229	-.229	0	%100
95	MP4C	X	.397	.397	0	%100
96	MP4C	Z	-.229	-.229	0	%100
97	MP3C	X	.48	.48	0	%100
98	MP3C	Z	-.277	-.277	0	%100
99	MP2C	X	.397	.397	0	%100
100	MP2C	Z	-.229	-.229	0	%100
101	MP1C	X	.397	.397	0	%100
102	MP1C	Z	-.229	-.229	0	%100
103	O1	X	.324	.324	0	%100
104	O1	Z	-.187	-.187	0	%100
105	O2	X	.324	.324	0	%100
106	O2	Z	-.187	-.187	0	%100
107	M104	X	.12	.12	0	%100
108	M104	Z	-.069	-.069	0	%100
109	M105	X	.48	.48	0	%100
110	M105	Z	-.277	-.277	0	%100
111	M106	X	.12	.12	0	%100
112	M106	Z	-.069	-.069	0	%100
113	M125	X	.636	.636	0	%100
114	M125	Z	-.367	-.367	0	%100
115	M126	X	.159	.159	0	%100
116	M126	Z	-.092	-.092	0	%100
117	M127	X	.159	.159	0	%100
118	M127	Z	-.092	-.092	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.688	.688	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,%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	.482	.482	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.482	.482	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	1.157	1.157	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	.884	.884	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	.931	.931	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	1.157	1.157	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	.884	.884	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	.931	.931	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	.506	.506	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	.506	.506	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	.172	.172	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	.435	.435	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	.435	.435	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	.868	.868	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	.482	.482	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	.289	.289	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	.884	.884	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	.931	.931	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	.289	.289	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	.172	.172	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	.435	.435	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	.435	.435	0	%100
60	M54	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,%]
61	M55	X	.868	.868	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	.482	.482	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	.289	.289	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	.289	.289	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	.884	.884	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	.931	.931	0	%100
78	M71	Z	0	0	0	%100
79	MP1A	X	.458	.458	0	%100
80	MP1A	Z	0	0	0	%100
81	MP4A	X	.458	.458	0	%100
82	MP4A	Z	0	0	0	%100
83	MP3A	X	.555	.555	0	%100
84	MP3A	Z	0	0	0	%100
85	MP2A	X	.458	.458	0	%100
86	MP2A	Z	0	0	0	%100
87	MP4B	X	.458	.458	0	%100
88	MP4B	Z	0	0	0	%100
89	MP1B	X	.458	.458	0	%100
90	MP1B	Z	0	0	0	%100
91	MP3B	X	.555	.555	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2B	X	.458	.458	0	%100
94	MP2B	Z	0	0	0	%100
95	MP4C	X	.458	.458	0	%100
96	MP4C	Z	0	0	0	%100
97	MP3C	X	.555	.555	0	%100
98	MP3C	Z	0	0	0	%100
99	MP2C	X	.458	.458	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	.458	.458	0	%100
102	MP1C	Z	0	0	0	%100
103	O1	X	.375	.375	0	%100
104	O1	Z	0	0	0	%100
105	O2	X	.375	.375	0	%100
106	O2	Z	0	0	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	0	0	0	%100
109	M105	X	.416	.416	0	%100
110	M105	Z	0	0	0	%100
111	M106	X	.416	.416	0	%100
112	M106	Z	0	0	0	%100
113	M125	X	.551	.551	0	%100
114	M125	Z	0	0	0	%100
115	M126	X	.551	.551	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	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,%]
118	M127	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	.146	.146	0	%100
2	M1	Z	.084	.084	0	%100
3	M4	X	.447	.447	0	%100
4	M4	Z	.258	.258	0	%100
5	M10	X	.126	.126	0	%100
6	M10	Z	.073	.073	0	%100
7	M43	X	.126	.126	0	%100
8	M43	Z	.073	.073	0	%100
9	M46	X	.251	.251	0	%100
10	M46	Z	.145	.145	0	%100
11	M51B	X	.139	.139	0	%100
12	M51B	Z	.08	.08	0	%100
13	M52B	X	.557	.557	0	%100
14	M52B	Z	.321	.321	0	%100
15	M76	X	.752	.752	0	%100
16	M76	Z	.434	.434	0	%100
17	M77	X	.255	.255	0	%100
18	M77	Z	.147	.147	0	%100
19	M80	X	.269	.269	0	%100
20	M80	Z	.155	.155	0	%100
21	M84	X	.752	.752	0	%100
22	M84	Z	.434	.434	0	%100
23	M85	X	1.021	1.021	0	%100
24	M85	Z	.589	.589	0	%100
25	M91	X	1.075	1.075	0	%100
26	M91	Z	.621	.621	0	%100
27	M26	X	.146	.146	0	%100
28	M26	Z	.084	.084	0	%100
29	M27	X	.585	.585	0	%100
30	M27	Z	.338	.338	0	%100
31	M28	X	.447	.447	0	%100
32	M28	Z	.258	.258	0	%100
33	M29	X	.126	.126	0	%100
34	M29	Z	.073	.073	0	%100
35	M30	X	.126	.126	0	%100
36	M30	Z	.073	.073	0	%100
37	M31	X	.251	.251	0	%100
38	M31	Z	.145	.145	0	%100
39	M34	X	.557	.557	0	%100
40	M34	Z	.321	.321	0	%100
41	M35	X	.139	.139	0	%100
42	M35	Z	.08	.08	0	%100
43	M39	X	.752	.752	0	%100
44	M39	Z	.434	.434	0	%100
45	M40	X	1.021	1.021	0	%100
46	M40	Z	.589	.589	0	%100
47	M42	X	1.075	1.075	0	%100
48	M42	Z	.621	.621	0	%100
49	M44	X	.752	.752	0	%100
50	M44	Z	.434	.434	0	%100
51	M45	X	.255	.255	0	%100
52	M45	Z	.147	.147	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	M47	X	.269	.269	0	%100
54	M47	Z	.155	.155	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	.503	.503	0	%100
58	M53	Z	.29	.29	0	%100
59	M54	X	.503	.503	0	%100
60	M54	Z	.29	.29	0	%100
61	M55	X	1.002	1.002	0	%100
62	M55	Z	.579	.579	0	%100
63	M58A	X	.139	.139	0	%100
64	M58A	Z	.08	.08	0	%100
65	M59A	X	.139	.139	0	%100
66	M59A	Z	.08	.08	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	.255	.255	0	%100
70	M64	Z	.147	.147	0	%100
71	M66	X	.269	.269	0	%100
72	M66	Z	.155	.155	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	.255	.255	0	%100
76	M69	Z	.147	.147	0	%100
77	M71	X	.269	.269	0	%100
78	M71	Z	.155	.155	0	%100
79	MP1A	X	.397	.397	0	%100
80	MP1A	Z	.229	.229	0	%100
81	MP4A	X	.397	.397	0	%100
82	MP4A	Z	.229	.229	0	%100
83	MP3A	X	.48	.48	0	%100
84	MP3A	Z	.277	.277	0	%100
85	MP2A	X	.397	.397	0	%100
86	MP2A	Z	.229	.229	0	%100
87	MP4B	X	.397	.397	0	%100
88	MP4B	Z	.229	.229	0	%100
89	MP1B	X	.397	.397	0	%100
90	MP1B	Z	.229	.229	0	%100
91	MP3B	X	.48	.48	0	%100
92	MP3B	Z	.277	.277	0	%100
93	MP2B	X	.397	.397	0	%100
94	MP2B	Z	.229	.229	0	%100
95	MP4C	X	.397	.397	0	%100
96	MP4C	Z	.229	.229	0	%100
97	MP3C	X	.48	.48	0	%100
98	MP3C	Z	.277	.277	0	%100
99	MP2C	X	.397	.397	0	%100
100	MP2C	Z	.229	.229	0	%100
101	MP1C	X	.397	.397	0	%100
102	MP1C	Z	.229	.229	0	%100
103	O1	X	.324	.324	0	%100
104	O1	Z	.187	.187	0	%100
105	O2	X	.324	.324	0	%100
106	O2	Z	.187	.187	0	%100
107	M104	X	.12	.12	0	%100
108	M104	Z	.069	.069	0	%100
109	M105	X	.12	.12	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,%]
110	M105	Z	.069	.069	0	%100
111	M106	X	.48	.48	0	%100
112	M106	Z	.277	.277	0	%100
113	M125	X	.159	.159	0	%100
114	M125	Z	.092	.092	0	%100
115	M126	X	.636	.636	0	%100
116	M126	Z	.367	.367	0	%100
117	M127	X	.159	.159	0	%100
118	M127	Z	.092	.092	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	.253	.253	0	%100
2	M1	Z	.439	.439	0	%100
3	M4	X	.086	.086	0	%100
4	M4	Z	.149	.149	0	%100
5	M10	X	.218	.218	0	%100
6	M10	Z	.377	.377	0	%100
7	M43	X	.218	.218	0	%100
8	M43	Z	.377	.377	0	%100
9	M46	X	.434	.434	0	%100
10	M46	Z	.752	.752	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.241	.241	0	%100
14	M52B	Z	.417	.417	0	%100
15	M76	X	.145	.145	0	%100
16	M76	Z	.251	.251	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.145	.145	0	%100
22	M84	Z	.251	.251	0	%100
23	M85	X	.442	.442	0	%100
24	M85	Z	.766	.766	0	%100
25	M91	X	.466	.466	0	%100
26	M91	Z	.807	.807	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	.253	.253	0	%100
30	M27	Z	.439	.439	0	%100
31	M28	X	.344	.344	0	%100
32	M28	Z	.596	.596	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	.241	.241	0	%100
40	M34	Z	.417	.417	0	%100
41	M35	X	.241	.241	0	%100
42	M35	Z	.417	.417	0	%100
43	M39	X	.579	.579	0	%100
44	M39	Z	1.002	1.002	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,%]
45	M40	X	.442	.442	0	%100
46	M40	Z	.766	.766	0	%100
47	M42	X	.466	.466	0	%100
48	M42	Z	.807	.807	0	%100
49	M44	X	.579	.579	0	%100
50	M44	Z	1.002	1.002	0	%100
51	M45	X	.442	.442	0	%100
52	M45	Z	.766	.766	0	%100
53	M47	X	.466	.466	0	%100
54	M47	Z	.807	.807	0	%100
55	M52A	X	.086	.086	0	%100
56	M52A	Z	.149	.149	0	%100
57	M53	X	.218	.218	0	%100
58	M53	Z	.377	.377	0	%100
59	M54	X	.218	.218	0	%100
60	M54	Z	.377	.377	0	%100
61	M55	X	.434	.434	0	%100
62	M55	Z	.752	.752	0	%100
63	M58A	X	.241	.241	0	%100
64	M58A	Z	.417	.417	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	.145	.145	0	%100
68	M63	Z	.251	.251	0	%100
69	M64	X	.442	.442	0	%100
70	M64	Z	.766	.766	0	%100
71	M66	X	.466	.466	0	%100
72	M66	Z	.807	.807	0	%100
73	M68	X	.145	.145	0	%100
74	M68	Z	.251	.251	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	MP1A	X	.229	.229	0	%100
80	MP1A	Z	.397	.397	0	%100
81	MP4A	X	.229	.229	0	%100
82	MP4A	Z	.397	.397	0	%100
83	MP3A	X	.277	.277	0	%100
84	MP3A	Z	.48	.48	0	%100
85	MP2A	X	.229	.229	0	%100
86	MP2A	Z	.397	.397	0	%100
87	MP4B	X	.229	.229	0	%100
88	MP4B	Z	.397	.397	0	%100
89	MP1B	X	.229	.229	0	%100
90	MP1B	Z	.397	.397	0	%100
91	MP3B	X	.277	.277	0	%100
92	MP3B	Z	.48	.48	0	%100
93	MP2B	X	.229	.229	0	%100
94	MP2B	Z	.397	.397	0	%100
95	MP4C	X	.229	.229	0	%100
96	MP4C	Z	.397	.397	0	%100
97	MP3C	X	.277	.277	0	%100
98	MP3C	Z	.48	.48	0	%100
99	MP2C	X	.229	.229	0	%100
100	MP2C	Z	.397	.397	0	%100
101	MP1C	X	.229	.229	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,%]
102	MP1C	Z	.397	.397	0	%100
103	O1	X	.187	.187	0	%100
104	O1	Z	.324	.324	0	%100
105	O2	X	.187	.187	0	%100
106	O2	Z	.324	.324	0	%100
107	M104	X	.208	.208	0	%100
108	M104	Z	.36	.36	0	%100
109	M105	X	0	0	0	%100
110	M105	Z	0	0	0	%100
111	M106	X	.208	.208	0	%100
112	M106	Z	.36	.36	0	%100
113	M125	X	0	0	0	%100
114	M125	Z	0	0	0	%100
115	M126	X	.275	.275	0	%100
116	M126	Z	.477	.477	0	%100
117	M127	X	.275	.275	0	%100
118	M127	Z	.477	.477	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	.675	.675	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.58	.58	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	.58	.58	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	1.157	1.157	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.161	.161	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.161	.161	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	.295	.295	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	.31	.31	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	.295	.295	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	.31	.31	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	.169	.169	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.169	.169	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	.516	.516	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	.145	.145	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	.145	.145	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,%]
37	M31	X	0	0	0	%100
38	M31	Z	.289	.289	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	.161	.161	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	.643	.643	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	.868	.868	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	.295	.295	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	.31	.31	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	.868	.868	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	1.179	1.179	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	1.242	1.242	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	.516	.516	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	.145	.145	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	.145	.145	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	.289	.289	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	.643	.643	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	.161	.161	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	.868	.868	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	1.179	1.179	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	1.242	1.242	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	.868	.868	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	.295	.295	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	.31	.31	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	.458	.458	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	.458	.458	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	.555	.555	0	%100
85	MP2A	X	0	0	0	%100
86	MP2A	Z	.458	.458	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	.458	.458	0	%100
89	MP1B	X	0	0	0	%100
90	MP1B	Z	.458	.458	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	.555	.555	0	%100
93	MP2B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
94	MP2B	Z	.458	.458	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	.458	.458	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	.555	.555	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	.458	.458	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	.458	.458	0	%100
103	O1	X	0	0	0	%100
104	O1	Z	.375	.375	0	%100
105	O2	X	0	0	0	%100
106	O2	Z	.375	.375	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	.555	.555	0	%100
109	M105	X	0	0	0	%100
110	M105	Z	.139	.139	0	%100
111	M106	X	0	0	0	%100
112	M106	Z	.139	.139	0	%100
113	M125	X	0	0	0	%100
114	M125	Z	.184	.184	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	.184	.184	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	.735	.735	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	-.253	-.253	0	%100
2	M1	Z	.439	.439	0	%100
3	M4	X	-.086	-.086	0	%100
4	M4	Z	.149	.149	0	%100
5	M10	X	-.218	-.218	0	%100
6	M10	Z	.377	.377	0	%100
7	M43	X	-.218	-.218	0	%100
8	M43	Z	.377	.377	0	%100
9	M46	X	-.434	-.434	0	%100
10	M46	Z	.752	.752	0	%100
11	M51B	X	-.241	-.241	0	%100
12	M51B	Z	.417	.417	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.145	-.145	0	%100
16	M76	Z	.251	.251	0	%100
17	M77	X	-.442	-.442	0	%100
18	M77	Z	.766	.766	0	%100
19	M80	X	-.466	-.466	0	%100
20	M80	Z	.807	.807	0	%100
21	M84	X	-.145	-.145	0	%100
22	M84	Z	.251	.251	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-.253	-.253	0	%100
28	M26	Z	.439	.439	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-.086	-.086	0	%100
32	M28	Z	.149	.149	0	%100
33	M29	X	-.218	-.218	0	%100
34	M29	Z	.377	.377	0	%100
35	M30	X	-.218	-.218	0	%100
36	M30	Z	.377	.377	0	%100
37	M31	X	-.434	-.434	0	%100
38	M31	Z	.752	.752	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	-.241	-.241	0	%100
42	M35	Z	.417	.417	0	%100
43	M39	X	-.145	-.145	0	%100
44	M39	Z	.251	.251	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-.145	-.145	0	%100
50	M44	Z	.251	.251	0	%100
51	M45	X	-.442	-.442	0	%100
52	M45	Z	.766	.766	0	%100
53	M47	X	-.466	-.466	0	%100
54	M47	Z	.807	.807	0	%100
55	M52A	X	-.344	-.344	0	%100
56	M52A	Z	.596	.596	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	-.241	-.241	0	%100
64	M58A	Z	.417	.417	0	%100
65	M59A	X	-.241	-.241	0	%100
66	M59A	Z	.417	.417	0	%100
67	M63	X	-.579	-.579	0	%100
68	M63	Z	1.002	1.002	0	%100
69	M64	X	-.442	-.442	0	%100
70	M64	Z	.766	.766	0	%100
71	M66	X	-.466	-.466	0	%100
72	M66	Z	.807	.807	0	%100
73	M68	X	-.579	-.579	0	%100
74	M68	Z	1.002	1.002	0	%100
75	M69	X	-.442	-.442	0	%100
76	M69	Z	.766	.766	0	%100
77	M71	X	-.466	-.466	0	%100
78	M71	Z	.807	.807	0	%100
79	MP1A	X	-.229	-.229	0	%100
80	MP1A	Z	.397	.397	0	%100
81	MP4A	X	-.229	-.229	0	%100
82	MP4A	Z	.397	.397	0	%100
83	MP3A	X	-.277	-.277	0	%100
84	MP3A	Z	.48	.48	0	%100
85	MP2A	X	-.229	-.229	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	MP2A	Z	.397	.397	0	%100
87	MP4B	X	-.229	-.229	0	%100
88	MP4B	Z	.397	.397	0	%100
89	MP1B	X	-.229	-.229	0	%100
90	MP1B	Z	.397	.397	0	%100
91	MP3B	X	-.277	-.277	0	%100
92	MP3B	Z	.48	.48	0	%100
93	MP2B	X	-.229	-.229	0	%100
94	MP2B	Z	.397	.397	0	%100
95	MP4C	X	-.229	-.229	0	%100
96	MP4C	Z	.397	.397	0	%100
97	MP3C	X	-.277	-.277	0	%100
98	MP3C	Z	.48	.48	0	%100
99	MP2C	X	-.229	-.229	0	%100
100	MP2C	Z	.397	.397	0	%100
101	MP1C	X	-.229	-.229	0	%100
102	MP1C	Z	.397	.397	0	%100
103	O1	X	-.187	-.187	0	%100
104	O1	Z	.324	.324	0	%100
105	O2	X	-.187	-.187	0	%100
106	O2	Z	.324	.324	0	%100
107	M104	X	-.208	-.208	0	%100
108	M104	Z	.36	.36	0	%100
109	M105	X	-.208	-.208	0	%100
110	M105	Z	.36	.36	0	%100
111	M106	X	0	0	0	%100
112	M106	Z	0	0	0	%100
113	M125	X	-.275	-.275	0	%100
114	M125	Z	.477	.477	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	-.275	-.275	0	%100
118	M127	Z	.477	.477	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	-.146	-.146	0	%100
2	M1	Z	.084	.084	0	%100
3	M4	X	-.447	-.447	0	%100
4	M4	Z	.258	.258	0	%100
5	M10	X	-.126	-.126	0	%100
6	M10	Z	.073	.073	0	%100
7	M43	X	-.126	-.126	0	%100
8	M43	Z	.073	.073	0	%100
9	M46	X	-.251	-.251	0	%100
10	M46	Z	.145	.145	0	%100
11	M51B	X	-.557	-.557	0	%100
12	M51B	Z	.321	.321	0	%100
13	M52B	X	-.139	-.139	0	%100
14	M52B	Z	.08	.08	0	%100
15	M76	X	-.752	-.752	0	%100
16	M76	Z	.434	.434	0	%100
17	M77	X	-1.021	-1.021	0	%100
18	M77	Z	.589	.589	0	%100
19	M80	X	-1.075	-1.075	0	%100
20	M80	Z	.621	.621	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,%]
21	M84	X	-.752	-.752	0	%100
22	M84	Z	.434	.434	0	%100
23	M85	X	-.255	-.255	0	%100
24	M85	Z	.147	.147	0	%100
25	M91	X	-.269	-.269	0	%100
26	M91	Z	.155	.155	0	%100
27	M26	X	-.585	-.585	0	%100
28	M26	Z	.338	.338	0	%100
29	M27	X	-.146	-.146	0	%100
30	M27	Z	.084	.084	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-.503	-.503	0	%100
34	M29	Z	.29	.29	0	%100
35	M30	X	-.503	-.503	0	%100
36	M30	Z	.29	.29	0	%100
37	M31	X	-1.002	-1.002	0	%100
38	M31	Z	.579	.579	0	%100
39	M34	X	-.139	-.139	0	%100
40	M34	Z	.08	.08	0	%100
41	M35	X	-.139	-.139	0	%100
42	M35	Z	.08	.08	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-.255	-.255	0	%100
46	M40	Z	.147	.147	0	%100
47	M42	X	-.269	-.269	0	%100
48	M42	Z	.155	.155	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	-.255	-.255	0	%100
52	M45	Z	.147	.147	0	%100
53	M47	X	-.269	-.269	0	%100
54	M47	Z	.155	.155	0	%100
55	M52A	X	-.447	-.447	0	%100
56	M52A	Z	.258	.258	0	%100
57	M53	X	-.126	-.126	0	%100
58	M53	Z	.073	.073	0	%100
59	M54	X	-.126	-.126	0	%100
60	M54	Z	.073	.073	0	%100
61	M55	X	-.251	-.251	0	%100
62	M55	Z	.145	.145	0	%100
63	M58A	X	-.139	-.139	0	%100
64	M58A	Z	.08	.08	0	%100
65	M59A	X	-.557	-.557	0	%100
66	M59A	Z	.321	.321	0	%100
67	M63	X	-.752	-.752	0	%100
68	M63	Z	.434	.434	0	%100
69	M64	X	-.255	-.255	0	%100
70	M64	Z	.147	.147	0	%100
71	M66	X	-.269	-.269	0	%100
72	M66	Z	.155	.155	0	%100
73	M68	X	-.752	-.752	0	%100
74	M68	Z	.434	.434	0	%100
75	M69	X	-1.021	-1.021	0	%100
76	M69	Z	.589	.589	0	%100
77	M71	X	-1.075	-1.075	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,%]
78	M71	Z	.621	.621	0	%100
79	MP1A	X	-.397	-.397	0	%100
80	MP1A	Z	.229	.229	0	%100
81	MP4A	X	-.397	-.397	0	%100
82	MP4A	Z	.229	.229	0	%100
83	MP3A	X	-.48	-.48	0	%100
84	MP3A	Z	.277	.277	0	%100
85	MP2A	X	-.397	-.397	0	%100
86	MP2A	Z	.229	.229	0	%100
87	MP4B	X	-.397	-.397	0	%100
88	MP4B	Z	.229	.229	0	%100
89	MP1B	X	-.397	-.397	0	%100
90	MP1B	Z	.229	.229	0	%100
91	MP3B	X	-.48	-.48	0	%100
92	MP3B	Z	.277	.277	0	%100
93	MP2B	X	-.397	-.397	0	%100
94	MP2B	Z	.229	.229	0	%100
95	MP4C	X	-.397	-.397	0	%100
96	MP4C	Z	.229	.229	0	%100
97	MP3C	X	-.48	-.48	0	%100
98	MP3C	Z	.277	.277	0	%100
99	MP2C	X	-.397	-.397	0	%100
100	MP2C	Z	.229	.229	0	%100
101	MP1C	X	-.397	-.397	0	%100
102	MP1C	Z	.229	.229	0	%100
103	O1	X	-.324	-.324	0	%100
104	O1	Z	.187	.187	0	%100
105	O2	X	-.324	-.324	0	%100
106	O2	Z	.187	.187	0	%100
107	M104	X	-.12	-.12	0	%100
108	M104	Z	.069	.069	0	%100
109	M105	X	-.48	-.48	0	%100
110	M105	Z	.277	.277	0	%100
111	M106	X	-.12	-.12	0	%100
112	M106	Z	.069	.069	0	%100
113	M125	X	-.636	-.636	0	%100
114	M125	Z	.367	.367	0	%100
115	M126	X	-.159	-.159	0	%100
116	M126	Z	.092	.092	0	%100
117	M127	X	-.159	-.159	0	%100
118	M127	Z	.092	.092	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.688	-.688	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-.482	-.482	0	%100
12	M51B	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,%]
13	M52B	X	-.482	-.482	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-1.157	-1.157	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-.884	-.884	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-.931	-.931	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-1.157	-1.157	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-.884	-.884	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-.931	-.931	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-.506	-.506	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-.506	-.506	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-.172	-.172	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-.435	-.435	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	-.435	-.435	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	-.868	-.868	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	-.482	-.482	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	-.289	-.289	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-.884	-.884	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	-.931	-.931	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-.289	-.289	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	-.172	-.172	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-.435	-.435	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	-.435	-.435	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	-.868	-.868	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	-.482	-.482	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-.289	-.289	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	-.289	-.289	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-.884	-.884	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	-.931	-.931	0	%100
78	M71	Z	0	0	0	%100
79	MP1A	X	-.458	-.458	0	%100
80	MP1A	Z	0	0	0	%100
81	MP4A	X	-.458	-.458	0	%100
82	MP4A	Z	0	0	0	%100
83	MP3A	X	-.555	-.555	0	%100
84	MP3A	Z	0	0	0	%100
85	MP2A	X	-.458	-.458	0	%100
86	MP2A	Z	0	0	0	%100
87	MP4B	X	-.458	-.458	0	%100
88	MP4B	Z	0	0	0	%100
89	MP1B	X	-.458	-.458	0	%100
90	MP1B	Z	0	0	0	%100
91	MP3B	X	-.555	-.555	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2B	X	-.458	-.458	0	%100
94	MP2B	Z	0	0	0	%100
95	MP4C	X	-.458	-.458	0	%100
96	MP4C	Z	0	0	0	%100
97	MP3C	X	-.555	-.555	0	%100
98	MP3C	Z	0	0	0	%100
99	MP2C	X	-.458	-.458	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	-.458	-.458	0	%100
102	MP1C	Z	0	0	0	%100
103	O1	X	-.375	-.375	0	%100
104	O1	Z	0	0	0	%100
105	O2	X	-.375	-.375	0	%100
106	O2	Z	0	0	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	0	0	0	%100
109	M105	X	-.416	-.416	0	%100
110	M105	Z	0	0	0	%100
111	M106	X	-.416	-.416	0	%100
112	M106	Z	0	0	0	%100
113	M125	X	-.551	-.551	0	%100
114	M125	Z	0	0	0	%100
115	M126	X	-.551	-.551	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	0	0	0	%100
118	M127	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	-.146	-.146	0	%100
2	M1	Z	-.084	-.084	0	%100
3	M4	X	-.447	-.447	0	%100
4	M4	Z	-.258	-.258	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,%]
5	M10	X	-.126	-.126	0	%100
6	M10	Z	-.073	-.073	0	%100
7	M43	X	-.126	-.126	0	%100
8	M43	Z	-.073	-.073	0	%100
9	M46	X	-.251	-.251	0	%100
10	M46	Z	-.145	-.145	0	%100
11	M51B	X	-.139	-.139	0	%100
12	M51B	Z	-.08	-.08	0	%100
13	M52B	X	-.557	-.557	0	%100
14	M52B	Z	-.321	-.321	0	%100
15	M76	X	-.752	-.752	0	%100
16	M76	Z	-.434	-.434	0	%100
17	M77	X	-.255	-.255	0	%100
18	M77	Z	-.147	-.147	0	%100
19	M80	X	-.269	-.269	0	%100
20	M80	Z	-.155	-.155	0	%100
21	M84	X	-.752	-.752	0	%100
22	M84	Z	-.434	-.434	0	%100
23	M85	X	-1.021	-1.021	0	%100
24	M85	Z	-.589	-.589	0	%100
25	M91	X	-1.075	-1.075	0	%100
26	M91	Z	-.621	-.621	0	%100
27	M26	X	-.146	-.146	0	%100
28	M26	Z	-.084	-.084	0	%100
29	M27	X	-.585	-.585	0	%100
30	M27	Z	-.338	-.338	0	%100
31	M28	X	-.447	-.447	0	%100
32	M28	Z	-.258	-.258	0	%100
33	M29	X	-.126	-.126	0	%100
34	M29	Z	-.073	-.073	0	%100
35	M30	X	-.126	-.126	0	%100
36	M30	Z	-.073	-.073	0	%100
37	M31	X	-.251	-.251	0	%100
38	M31	Z	-.145	-.145	0	%100
39	M34	X	-.557	-.557	0	%100
40	M34	Z	-.321	-.321	0	%100
41	M35	X	-.139	-.139	0	%100
42	M35	Z	-.08	-.08	0	%100
43	M39	X	-.752	-.752	0	%100
44	M39	Z	-.434	-.434	0	%100
45	M40	X	-1.021	-1.021	0	%100
46	M40	Z	-.589	-.589	0	%100
47	M42	X	-1.075	-1.075	0	%100
48	M42	Z	-.621	-.621	0	%100
49	M44	X	-.752	-.752	0	%100
50	M44	Z	-.434	-.434	0	%100
51	M45	X	-.255	-.255	0	%100
52	M45	Z	-.147	-.147	0	%100
53	M47	X	-.269	-.269	0	%100
54	M47	Z	-.155	-.155	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-.503	-.503	0	%100
58	M53	Z	-.29	-.29	0	%100
59	M54	X	-.503	-.503	0	%100
60	M54	Z	-.29	-.29	0	%100
61	M55	X	-1.002	-1.002	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M55	Z	-.579	-.579	0	%100
63	M58A	X	-.139	-.139	0	%100
64	M58A	Z	-.08	-.08	0	%100
65	M59A	X	-.139	-.139	0	%100
66	M59A	Z	-.08	-.08	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	-.255	-.255	0	%100
70	M64	Z	-.147	-.147	0	%100
71	M66	X	-.269	-.269	0	%100
72	M66	Z	-.155	-.155	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-.255	-.255	0	%100
76	M69	Z	-.147	-.147	0	%100
77	M71	X	-.269	-.269	0	%100
78	M71	Z	-.155	-.155	0	%100
79	MP1A	X	-.397	-.397	0	%100
80	MP1A	Z	-.229	-.229	0	%100
81	MP4A	X	-.397	-.397	0	%100
82	MP4A	Z	-.229	-.229	0	%100
83	MP3A	X	-.48	-.48	0	%100
84	MP3A	Z	-.277	-.277	0	%100
85	MP2A	X	-.397	-.397	0	%100
86	MP2A	Z	-.229	-.229	0	%100
87	MP4B	X	-.397	-.397	0	%100
88	MP4B	Z	-.229	-.229	0	%100
89	MP1B	X	-.397	-.397	0	%100
90	MP1B	Z	-.229	-.229	0	%100
91	MP3B	X	-.48	-.48	0	%100
92	MP3B	Z	-.277	-.277	0	%100
93	MP2B	X	-.397	-.397	0	%100
94	MP2B	Z	-.229	-.229	0	%100
95	MP4C	X	-.397	-.397	0	%100
96	MP4C	Z	-.229	-.229	0	%100
97	MP3C	X	-.48	-.48	0	%100
98	MP3C	Z	-.277	-.277	0	%100
99	MP2C	X	-.397	-.397	0	%100
100	MP2C	Z	-.229	-.229	0	%100
101	MP1C	X	-.397	-.397	0	%100
102	MP1C	Z	-.229	-.229	0	%100
103	O1	X	-.324	-.324	0	%100
104	O1	Z	-.187	-.187	0	%100
105	O2	X	-.324	-.324	0	%100
106	O2	Z	-.187	-.187	0	%100
107	M104	X	-.12	-.12	0	%100
108	M104	Z	-.069	-.069	0	%100
109	M105	X	-.12	-.12	0	%100
110	M105	Z	-.069	-.069	0	%100
111	M106	X	-.48	-.48	0	%100
112	M106	Z	-.277	-.277	0	%100
113	M125	X	-.159	-.159	0	%100
114	M125	Z	-.092	-.092	0	%100
115	M126	X	-.636	-.636	0	%100
116	M126	Z	-.367	-.367	0	%100
117	M127	X	-.159	-.159	0	%100
118	M127	Z	-.092	-.092	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	-.253	-.253	0	%100
2	M1	Z	-.439	-.439	0	%100
3	M4	X	-.086	-.086	0	%100
4	M4	Z	-.149	-.149	0	%100
5	M10	X	-.218	-.218	0	%100
6	M10	Z	-.377	-.377	0	%100
7	M43	X	-.218	-.218	0	%100
8	M43	Z	-.377	-.377	0	%100
9	M46	X	-.434	-.434	0	%100
10	M46	Z	-.752	-.752	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-.241	-.241	0	%100
14	M52B	Z	-.417	-.417	0	%100
15	M76	X	-.145	-.145	0	%100
16	M76	Z	-.251	-.251	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-.145	-.145	0	%100
22	M84	Z	-.251	-.251	0	%100
23	M85	X	-.442	-.442	0	%100
24	M85	Z	-.766	-.766	0	%100
25	M91	X	-.466	-.466	0	%100
26	M91	Z	-.807	-.807	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-.253	-.253	0	%100
30	M27	Z	-.439	-.439	0	%100
31	M28	X	-.344	-.344	0	%100
32	M28	Z	-.596	-.596	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	-.241	-.241	0	%100
40	M34	Z	-.417	-.417	0	%100
41	M35	X	-.241	-.241	0	%100
42	M35	Z	-.417	-.417	0	%100
43	M39	X	-.579	-.579	0	%100
44	M39	Z	-1.002	-1.002	0	%100
45	M40	X	-.442	-.442	0	%100
46	M40	Z	-.766	-.766	0	%100
47	M42	X	-.466	-.466	0	%100
48	M42	Z	-.807	-.807	0	%100
49	M44	X	-.579	-.579	0	%100
50	M44	Z	-1.002	-1.002	0	%100
51	M45	X	-.442	-.442	0	%100
52	M45	Z	-.766	-.766	0	%100
53	M47	X	-.466	-.466	0	%100
54	M47	Z	-.807	-.807	0	%100
55	M52A	X	-.086	-.086	0	%100
56	M52A	Z	-.149	-.149	0	%100
57	M53	X	-.218	-.218	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,%]
58	M53	Z	-.377	-.377	0	%100
59	M54	X	-.218	-.218	0	%100
60	M54	Z	-.377	-.377	0	%100
61	M55	X	-.434	-.434	0	%100
62	M55	Z	-.752	-.752	0	%100
63	M58A	X	-.241	-.241	0	%100
64	M58A	Z	-.417	-.417	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-.145	-.145	0	%100
68	M63	Z	-.251	-.251	0	%100
69	M64	X	-.442	-.442	0	%100
70	M64	Z	-.766	-.766	0	%100
71	M66	X	-.466	-.466	0	%100
72	M66	Z	-.807	-.807	0	%100
73	M68	X	-.145	-.145	0	%100
74	M68	Z	-.251	-.251	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	MP1A	X	-.229	-.229	0	%100
80	MP1A	Z	-.397	-.397	0	%100
81	MP4A	X	-.229	-.229	0	%100
82	MP4A	Z	-.397	-.397	0	%100
83	MP3A	X	-.277	-.277	0	%100
84	MP3A	Z	-.48	-.48	0	%100
85	MP2A	X	-.229	-.229	0	%100
86	MP2A	Z	-.397	-.397	0	%100
87	MP4B	X	-.229	-.229	0	%100
88	MP4B	Z	-.397	-.397	0	%100
89	MP1B	X	-.229	-.229	0	%100
90	MP1B	Z	-.397	-.397	0	%100
91	MP3B	X	-.277	-.277	0	%100
92	MP3B	Z	-.48	-.48	0	%100
93	MP2B	X	-.229	-.229	0	%100
94	MP2B	Z	-.397	-.397	0	%100
95	MP4C	X	-.229	-.229	0	%100
96	MP4C	Z	-.397	-.397	0	%100
97	MP3C	X	-.277	-.277	0	%100
98	MP3C	Z	-.48	-.48	0	%100
99	MP2C	X	-.229	-.229	0	%100
100	MP2C	Z	-.397	-.397	0	%100
101	MP1C	X	-.229	-.229	0	%100
102	MP1C	Z	-.397	-.397	0	%100
103	O1	X	-.187	-.187	0	%100
104	O1	Z	-.324	-.324	0	%100
105	O2	X	-.187	-.187	0	%100
106	O2	Z	-.324	-.324	0	%100
107	M104	X	-.208	-.208	0	%100
108	M104	Z	-.36	-.36	0	%100
109	M105	X	0	0	0	%100
110	M105	Z	0	0	0	%100
111	M106	X	-.208	-.208	0	%100
112	M106	Z	-.36	-.36	0	%100
113	M125	X	0	0	0	%100
114	M125	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,%]
115	M126	X	-.275	-.275	0	%100
116	M126	Z	-.477	-.477	0	%100
117	M127	X	-.275	-.275	0	%100
118	M127	Z	-.477	-.477	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34	Y	-1.597	-4.066	0	.832
2	M34	Y	-4.066	-6.636	.832	1.665
3	M34	Y	-6.636	-7.874	1.665	2.497
4	M34	Y	-7.874	-6.293	2.497	3.329
5	M34	Y	-6.293	-3.33	3.329	4.162
6	M35	Y	-3.329	-6.32	0	.832
7	M35	Y	-6.32	-7.943	.832	1.665
8	M35	Y	-7.943	-6.773	1.665	2.497
9	M35	Y	-6.773	-4.256	2.497	3.329
10	M35	Y	-4.256	-1.812	3.329	4.162
11	M58A	Y	-1.807	-4.258	0	.832
12	M58A	Y	-4.258	-6.771	.832	1.665
13	M58A	Y	-6.771	-7.939	1.665	2.497
14	M58A	Y	-7.939	-6.325	2.497	3.329
15	M58A	Y	-6.325	-3.336	3.329	4.162
16	M59A	Y	-3.33	-6.293	0	.832
17	M59A	Y	-6.293	-7.874	.832	1.665
18	M59A	Y	-7.874	-6.634	1.665	2.497
19	M59A	Y	-6.634	-4.064	2.497	3.329
20	M59A	Y	-4.064	-1.601	3.329	4.162
21	M51B	Y	-1.807	-4.258	0	.832
22	M51B	Y	-4.258	-6.771	.832	1.665
23	M51B	Y	-6.771	-7.939	1.665	2.497
24	M51B	Y	-7.939	-6.325	2.497	3.329
25	M51B	Y	-6.325	-3.336	3.329	4.162
26	M52B	Y	-3.33	-6.293	0	.832
27	M52B	Y	-6.293	-7.874	.832	1.665
28	M52B	Y	-7.874	-6.634	1.665	2.497
29	M52B	Y	-6.634	-4.064	2.497	3.329
30	M52B	Y	-4.064	-1.601	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M34	Y	-5.048	-12.848	0	.832
2	M34	Y	-12.848	-20.971	.832	1.665
3	M34	Y	-20.971	-24.881	1.665	2.497
4	M34	Y	-24.881	-19.885	2.497	3.329
5	M34	Y	-19.885	-10.523	3.329	4.162
6	M35	Y	-10.518	-19.973	0	.832
7	M35	Y	-19.973	-25.099	.832	1.665
8	M35	Y	-25.099	-21.404	1.665	2.497
9	M35	Y	-21.404	-13.449	2.497	3.329
10	M35	Y	-13.449	-5.726	3.329	4.162
11	M58A	Y	-5.71	-13.455	0	.832
12	M58A	Y	-13.455	-21.396	.832	1.665
13	M58A	Y	-21.396	-25.086	1.665	2.497
14	M58A	Y	-25.086	-19.987	2.497	3.329
15	M58A	Y	-19.987	-10.543	3.329	4.162
16	M59A	Y	-10.521	-19.885	0	.832

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M59A	Y	-19.885	-24.881	.832	1.665
18	M59A	Y	-24.881	-20.965	1.665	2.497
19	M59A	Y	-20.965	-12.843	2.497	3.329
20	M59A	Y	-12.843	-5.06	3.329	4.162
21	M51B	Y	-5.71	-13.455	0	.832
22	M51B	Y	-13.455	-21.396	.832	1.665
23	M51B	Y	-21.396	-25.086	1.665	2.497
24	M51B	Y	-25.086	-19.987	2.497	3.329
25	M51B	Y	-19.987	-10.543	3.329	4.162
26	M52B	Y	-10.521	-19.885	0	.832
27	M52B	Y	-19.885	-24.881	.832	1.665
28	M52B	Y	-24.881	-20.965	1.665	2.497
29	M52B	Y	-20.965	-12.843	2.497	3.329
30	M52B	Y	-12.843	-5.06	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N63	N61	N39	N40	Y	Two Way	-.005
2	N67	N68	N91	N89	Y	Two Way	-.005
3	N7	N87B	N87C	N6	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N63	N61	N39	N40	Y	Two Way	-.016
2	N67	N68	N91	N89	Y	Two Way	-.016
3	N7	N87B	N87C	N6	Y	Two Way	-.016

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	N3	max	865.664	10	3566.645	13	2139.826	1	7.502	13	1.45	4	.022	2
2		min	-896.358	4	645.536	7	-2396.497	7	.555	7	-1.503	10	-.535	20
3	N37	max	1851.785	9	3303.7	21	1470.796	2	-.495	3	1.232	12	-.212	3
4		min	-2060.211	3	576.832	3	-1316.816	8	-3.755	21	-1.293	6	-5.671	21
5	N65	max	2123.203	10	3171.717	17	1056.446	11	-.011	11	1.183	8	6.055	17
6		min	-1882.552	4	550.805	11	-952.748	5	-2.904	17	-1.238	2	.633	11
7	Totals:	max	4669.578	10	9648.948	24	4440.335	1						
8		min	-4669.578	4	3278.747	6	-4440.333	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M1	PIPE 3.0	.222	4.297	18	.069	9.896		19	28250.554	65205	5.749	5.749	2...	H1-1b
2	M4	HSS4X4X4	.473	0	23	.128	0	y	23	124317.8...	139518	16.181	16.181	3...	H1-1b
3	M10	HSS4X4X4	.229	2.375	14	.062	2.375	y	24	136263.03	139518	16.181	16.181	1...	H1-1b
4	M43	HSS4X4X4	.227	0	24	.086	0	y	16	136263.03	139518	16.181	16.181	1...	H1-1b
5	M46	PL1/2x6	.189	.516	2	.169	.516	y	15	66009.234	97200	1.012	12.15	1...	H1-1b
6	M51B	L2x2x3	.136	0	2	.017	0	y	16	9823.122	23392.8	.558	1.082	1...	H2-1
7	M52B	L2x2x3	.152	0	12	.015	0	y	21	9823.122	23392.8	.558	1.082	1...	H2-1
8	M76	PL3/8x6	.243	0	2	.439	0	y	20	70677.939	72900	.57	9.113	1...	H1-1b
9	M77	PL3/8x6	.235	.167	8	.455	0	y	13	71601.728	72900	.57	9.113	1...	H1-1b
10	M80	PL1/2x6	.062	.112	1	.061	.112	y	4	96757.507	97200	1.012	12.15	1...	H1-1b
11	M84	PL3/8x6	.129	0	1	.177	0	y	20	70677.939	72900	.57	9.113	1...	H1-1b
12	M85	PL3/8x6	.274	.167	6	.500	0	y	24	71601.728	72900	.57	9.113	2...	H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
13	M91	PL1/2x6	.052	.112	2	.084	0	y	3	96757.507	97200	1.012	12.15	1....	H1-1b
14	M26	PIPE_3.0	.239	4.297	14	.065	8.333		16	28250.554	65205	5.749	5.749	2....	H1-1b
15	M27	PIPE_3.0	.237	4.297	22	.071	8.333		24	28250.554	65205	5.749	5.749	2....	H1-1b
16	M28	HSS4X4X4	.430	0	21	.119	0	y	19	124317.8...	139518	16.181	16.181	3....	H1-1b
17	M29	HSS4X4X4	.210	2.375	22	.056	2.375	y	20	136263.03	139518	16.181	16.181	1....	H1-1b
18	M30	HSS4X4X4	.211	0	20	.080	0	y	24	136263.03	139518	16.181	16.181	1....	H1-1b
19	M31	PL1/2x6	.205	.516	10	.158	.516	y	23	66009.234	97200	1.012	12.15	1....	H1-1b
20	M34	L2x2x3	.139	0	10	.017	4.162	y	24	9823.122	23392.8	.558	1.082	1....	H2-1
21	M35	L2x2x3	.145	0	8	.015	0	y	17	9823.122	23392.8	.558	1.082	1....	H2-1
22	M39	PL3/8x6	.277	0	10	.420	0	y	16	70677.939	72900	.57	9.113	1....	H1-1b
23	M40	PL3/8x6	.250	.167	4	.416	0	y	21	71601.728	72900	.57	9.113	1....	H1-1b
24	M42	PL1/2x6	.066	.112	9	.074	.112	y	36	96757.507	97200	1.012	12.15	1....	H1-1b
25	M44	PL3/8x6	.147	0	9	.161	0	y	16	70677.939	72900	.57	9.113	1....	H1-1b
26	M45	PL3/8x6	.259	.167	2	.464	0	y	20	71601.728	72900	.57	9.113	2....	H1-1b
27	M47	PL1/2x6	.055	.112	9	.141	0	y	35	96757.507	97200	1.012	12.15	1....	H1-1b
28	M52A	HSS4X4X4	.420	0	15	.121	0	y	16	124317.8...	139518	16.181	16.181	3....	H1-1b
29	M53	HSS4X4X4	.217	2.375	18	.058	2.375	y	16	136263.03	139518	16.181	16.181	1....	H1-1b
30	M54	HSS4X4X4	.215	0	16	.082	0	y	17	136263.03	139518	16.181	16.181	1....	H1-1b
31	M55	PL1/2x6	.185	.516	6	.162	.516	y	20	66009.234	97200	1.012	12.15	1....	H1-1b
32	M58A	L2x2x3	.131	0	6	.018	0	y	21	9823.122	23392.8	.558	1.082	1....	H2-1
33	M59A	L2x2x3	.152	0	4	.015	0	y	13	9823.122	23392.8	.558	1.082	1....	H2-1
34	M63	PL3/8x6	.240	0	6	.432	0	y	23	70677.939	72900	.57	9.113	1....	H1-1b
35	M64	PL3/8x6	.226	.167	11	.430	0	y	17	71601.728	72900	.57	9.113	1....	H1-1b
36	M66	PL1/2x6	.064	.112	5	.066	.112	y	20	96757.507	97200	1.012	12.15	1....	H1-1b
37	M68	PL3/8x6	.161	0	4	.165	0	y	24	70677.939	72900	.57	9.113	1....	H1-1b
38	M69	PL3/8x6	.279	.167	10	.477	0	y	16	71601.728	72900	.57	9.113	2....	H1-1b
39	M71	PL1/2x6	.055	.112	5	.081	0	y	7	96757.507	97200	1.012	12.15	1....	H1-1b
40	MP1A	PIPE_2.0	.442	3.375	21	.131	3.375		10	20866.733	32130	1.872	1.872	1....	H1-1b
41	MP4A	PIPE_2.0	.196	3.375	17	.106	3.438		10	20866.733	32130	1.872	1.872	1....	H1-1b
42	MP3A	PIPE_2.5	.265	3.375	16	.074	3.375		7	37773.818	50715	3.596	3.596	1....	H1-1b
43	MP2A	PIPE_2.0	.269	3.375	3	.056	3.375		3	20866.733	32130	1.872	1.872	1....	H1-1b
44	MP4B	PIPE_2.0	.213	3.375	20	.106	3.438		2	20866.733	32130	1.872	1.872	1....	H1-1b
45	MP1B	PIPE_2.0	.479	3.375	13	.106	3.438		8	20866.733	32130	1.872	1.872	1....	H1-1b
46	MP3B	PIPE_2.5	.264	3.125	20	.077	.688		23	37773.818	50715	3.596	3.596	1....	H1-1b
47	MP2B	PIPE_2.0	.263	3.125	8	.057	3.125		8	20866.733	32130	1.872	1.872	2....	H1-1b
48	MP4C	PIPE_2.0	.223	3.375	13	.106	3.438		6	20866.733	32130	1.872	1.872	1....	H1-1b
49	MP3C	PIPE_2.5	.286	3.375	24	.081	.938		15	37773.818	50715	3.596	3.596	1....	H1-1b
50	MP2C	PIPE_2.0	.265	3.375	11	.053	3.375		11	20866.733	32130	1.872	1.872	2....	H1-1b
51	MP1C	PIPE_2.0	.465	3.375	17	.106	3.438		12	20866.733	32130	1.872	1.872	1....	H1-1b
52	O1	PIPE_2.0	.096	2.5	1	.013	2.5		1	28843.414	32130	1.872	1.872	1	H1-1b
53	O2	PIPE_2.0	.096	2.5	7	.013	2.5		7	28843.414	32130	1.872	1.872	1....	H1-1b
54	M104	PIPE_2.5	.193	5.859	21	.051	10.417		8	14558.792	50715	3.596	3.596	2....	H1-1b
55	M105	PIPE_2.5	.212	5.99	17	.047	10.547		4	14558.792	50715	3.596	3.596	2....	H1-1b
56	M106	PIPE_2.5	.212	6.38	13	.045	6.51		7	14558.792	50715	3.596	3.596	1....	H1-1b
57	M125	L3X3X4	.291	2.675	7	.026	2.675	y	7	39818.03	46656	1.688	3.756	2....	H2-1
58	M126	L3X3X4	.319	0	3	.029	2.675	y	3	39818.03	46656	1.688	3.756	2....	H2-1
59	M127	L3X3X4	.309	0	10	.027	2.675	y	11	39818.03	46656	1.688	3.756	2....	H2-1

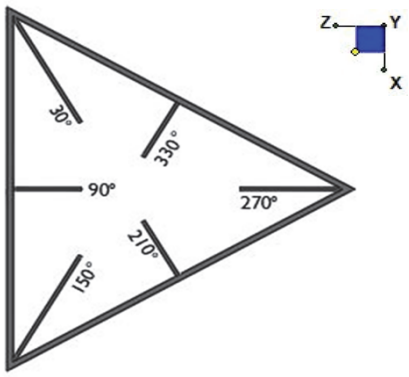
Client:	Verizon Wireless	Date:	8/11/2021
Site Name:	HARTLAND SE CT		
Project No.	21777756A		
Title:	Mount MOD Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

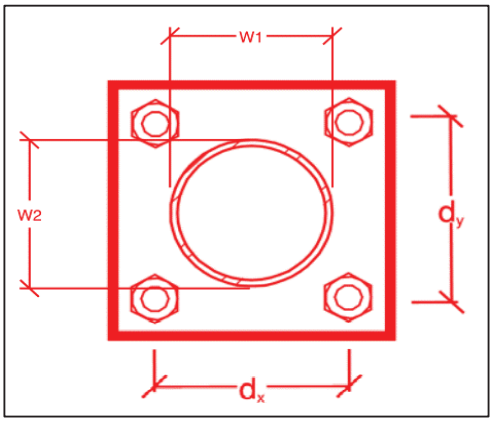
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N37	30
N65	150
N3	270



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):	25.8
Required Shear Strength (kips):	5.2
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**31.2%***
Shear Capacity Overall:	**10.5%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	10
Plate Height (in):	10
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.625
Weld Size (1/16 in):	6
Phi*Rn (kip/in):	8.35
Required Weld Strength (kip/in):	4.24
Plate Bending Capacity:	**62.4%**
Weld Capacity:	**50.8%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	18.7
Phi*Mn_{xx} *(kip-in)* :	31.6
Mu_{yy} *(kip-in)* :	1.0
Phi*Mn_{yy} *(kip-in)* :	31.6

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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

- Contractor is responsible for making certain the photos provided as noted below provide confirmation that the 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:

- 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) must be shown.
- Notation that all hardware was properly installed, and the existing hardware was inspected for any issues.
- Verification that loading is as communicated in the modification drawings. NOTE If loading is different than what is conveyed in the modification drawing contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded **to** **https://pmi.vzwsmart.com** as depicted on the drawings

Photo Requirements:

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

- *Photos taken at Mount Elevation*
    - Photos showing each individual sector before and also after installation of modifications. Each entire sector must be in one photo to show in the inter-connection of members.
        - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
    - Close-up photos of each installed modification per the modification drawings; pictures should also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
    - Photos showing the measurements of the installed modification member sizes (i.e. lengths, widths, depths, diameters, thicknesses)
    - Photos showing the elevation or distances of the installed modifications from the appropriate reference locations shown in the modification drawings
    - Photos showing the installed modifications onto the tower with tape drop measurements (if applicable) (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, a tape drop measurement shall be provided before the elevation change
    - 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.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by Maser Consulting Connecticut.
    - If the drawings are as specified on the drawings
        - The contractor should provide the packing list or the materials utilized to perform the mount modification
    - If an equivalent is utilized
        - It is required that the Maser Consulting Connecticut certification of such is included in the contractor submission package. There may be an additional charge for this certification if the equivalent submission doesn't meet specifications as prescribed in the drawings.
- The contractor must certify that the materials meet these specifications by one of these methods.

☐ The Material utilized was as specified on the Maser Consulting Connecticut Mount Modification Drawings and included
in the Material certification folder is a packing list or invoice for these materials

☐ The material utilized was an "equivalent" and included as part of the contractor submission is the Maser Consulting Connecticut certification, invoices, or specifications validating accepted status

Certifying Individual: Company _____

Name _____

Signature _____

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor shall install one of the new OVPs on the new equipment pipe between alpha-beta sector and the other OVP on the equipment pipe between beta-gamma sector. Install the OVP's 12" down from the top of the pipe.

Response:

Schedule A – Photo & Document File Structure

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

Structure: 535827-VZW - HARTLAND SE CT

Sector: **A**

Structure Type: Monopole

Mount Elev: 109.00

10094224

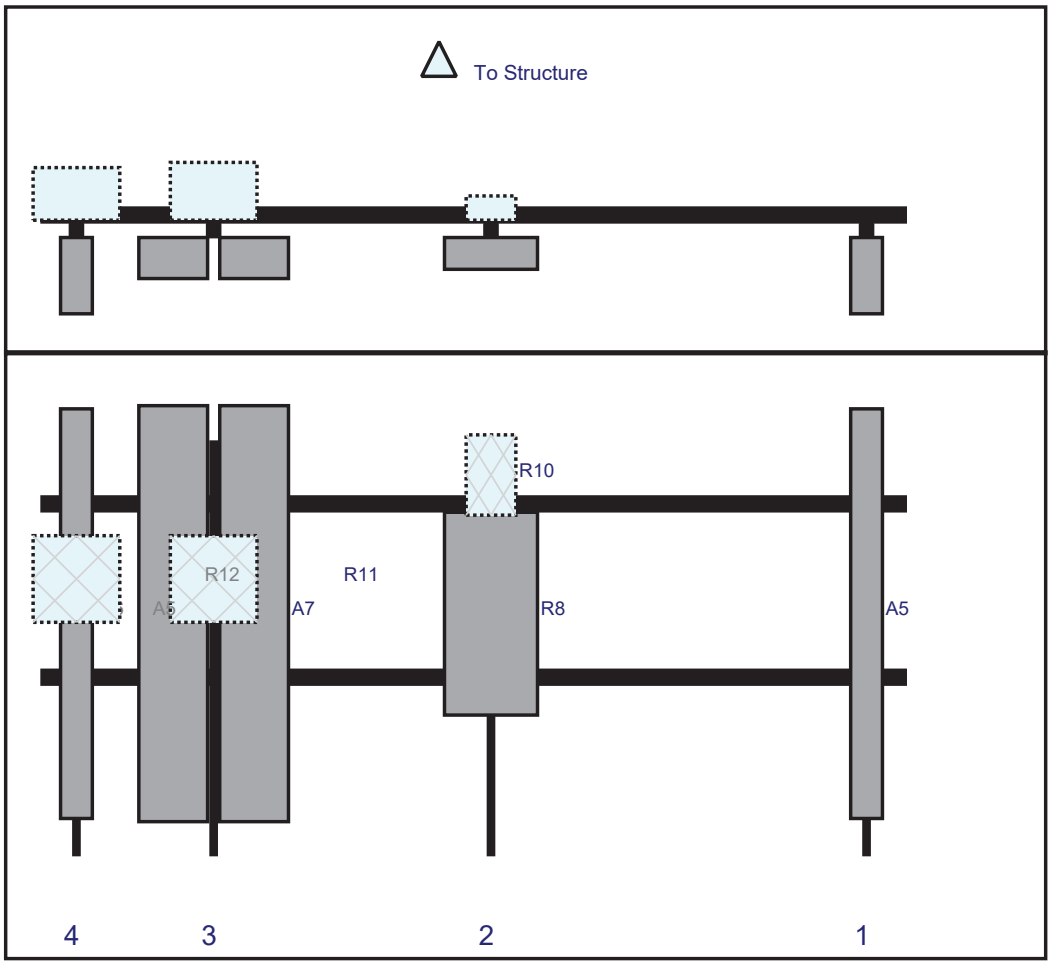
8/11/2021

Page: 1

MASER CONSULTING — CONNECTICUT —

Plan View

Front View
Looking at Structure

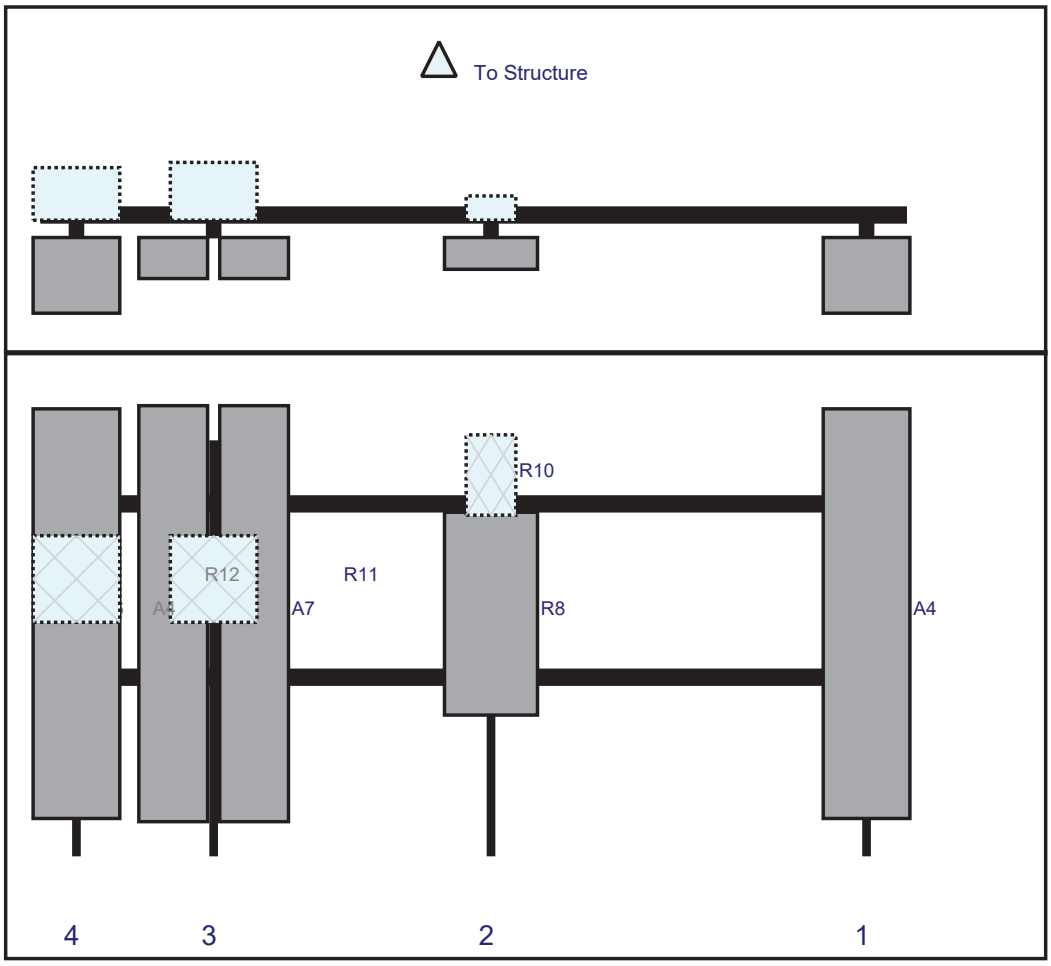


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A5	LPA-80080/6CF	70.9	5.5	143	1	a	Front	30	0	Retained	04/13/2021
R8	MT6407-77A	35.1	16.1	78	2	a	Front	30	0	Added	
R10	CBRS RRH - RT4401-48A	13.9	8.6	78	2	a	Behind	6	0	Added	
A6	NHH-65B-R2B	72	11.9	30	3	a	Front	30	-7	Added	
A7	NHHSS-65B-R2BT0	72	11.9	30	3	a	Front	30	7	Added	
R11	RF4439d-25A	15	15	30	3	a	Behind	24	0	Added	
A5	LPA-80080/6CF	70.9	5.5	6.25	4	a	Front	30	0	Retained	04/13/2021
R12	RF4440d-13A	15	15	6.25	4	a	Behind	24	0	Added	

MASER CONSULTING — CONNECTICUT —

Plan View

Front View
Looking at Structure

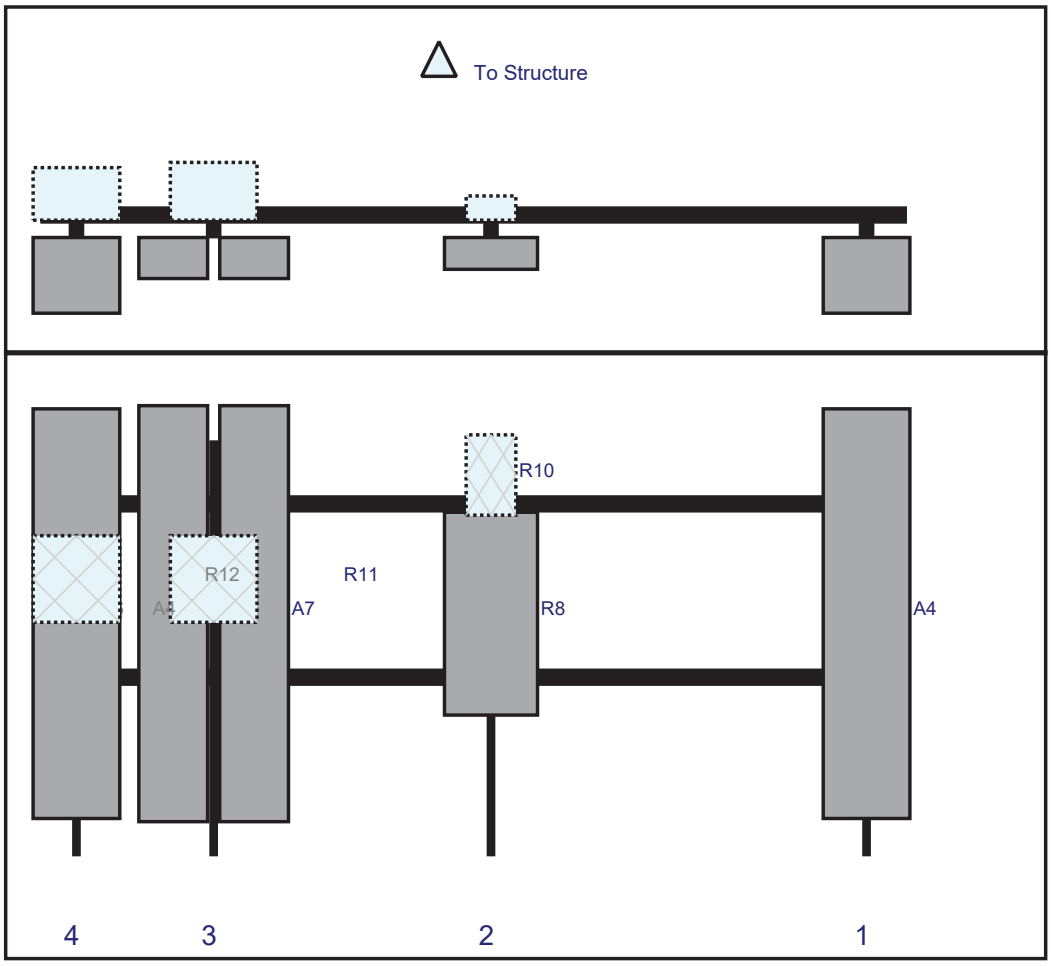


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	LPA-80063/6CF	70.9	15	143	1	a	Front	30	0	Retained	04/13/2021
R8	MT6407-77A	35.1	16.1	78	2	a	Front	30	0	Added	
R10	CBRS RRH - RT4401-48A	13.9	8.6	78	2	a	Behind	6	0	Added	
A6	NHH-65B-R2B	72	11.9	30	3	a	Front	30	-7	Added	
A7	NHHSS-65B-R2BT0	72	11.9	30	3	a	Front	30	7	Added	
R11	RF4439d-25A	15	15	30	3	a	Behind	24	0	Added	
A4	LPA-80063/6CF	70.9	15	6.25	4	a	Front	30	0	Retained	04/13/2021
R12	RF4440d-13A	15	15	6.25	4	a	Behind	24	0	Added	

MASER CONSULTING — CONNECTICUT —

Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	LPA-80063/6CF	70.9	15	143	1	a	Front	30	0	Retained	04/13/2021
R8	MT6407-77A	35.1	16.1	78	2	a	Front	30	0	Added	
R10	CBRS RRH - RT4401-48A	13.9	8.6	78	2	a	Behind	6	0	Added	
A6	NHH-65B-R2B	72	11.9	30	3	a	Front	30	-7	Added	
A7	NHHSS-65B-R2BT0	72	11.9	30	3	a	Front	30	7	Added	
R11	RF4439d-25A	15	15	30	3	a	Behind	24	0	Added	
A4	LPA-80063/6CF	70.9	15	6.25	4	a	Front	30	0	Retained	04/13/2021
R12	RF4440d-13A	15	15	6.25	4	a	Behind	24	0	Added	

Maser Consulting Connecticut

Subject	TIA-222-H Adoption and Wind Speed Usage	
Site Information	*Site ID:*	*535827-VZW / HARTLAND SE CT*
	Site Name:	*HARTLAND SE CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*350 Hartland Boulevard* *East Hartland, Connecticut 06027* *Hartford County*
	Latitude:	*41.977081°*
	Longitude:	*-72.887869°*
Structure Information	*Tower Type:*	*116-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

To Whom It May Concern,

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

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

As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates the latest wind speed 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: ***HARTLAND SE CT***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	663	2652	110	0.0079	0.5007	1.57%
VZW CDMA	869	2	399	798	110	0.0024	0.5793	0.41%
VZW Cellular	869	4	689	2756	110	0.0082	0.5793	1.41%
VZW PCS	1980	4	1390	5560	110	0.0165	1.0000	1.65%
VZW AWS	2125	4	1364	5456	110	0.0162	1.0000	1.62%
VZW CBAND	3730	4	6531	26124	110	0.0776	1.0000	7.76%
VZW CBRS	3625	4	12	48	110	0.0001	1.0000	0.01%
Total Percentage of Maximum Permissible Exposure								14.45%

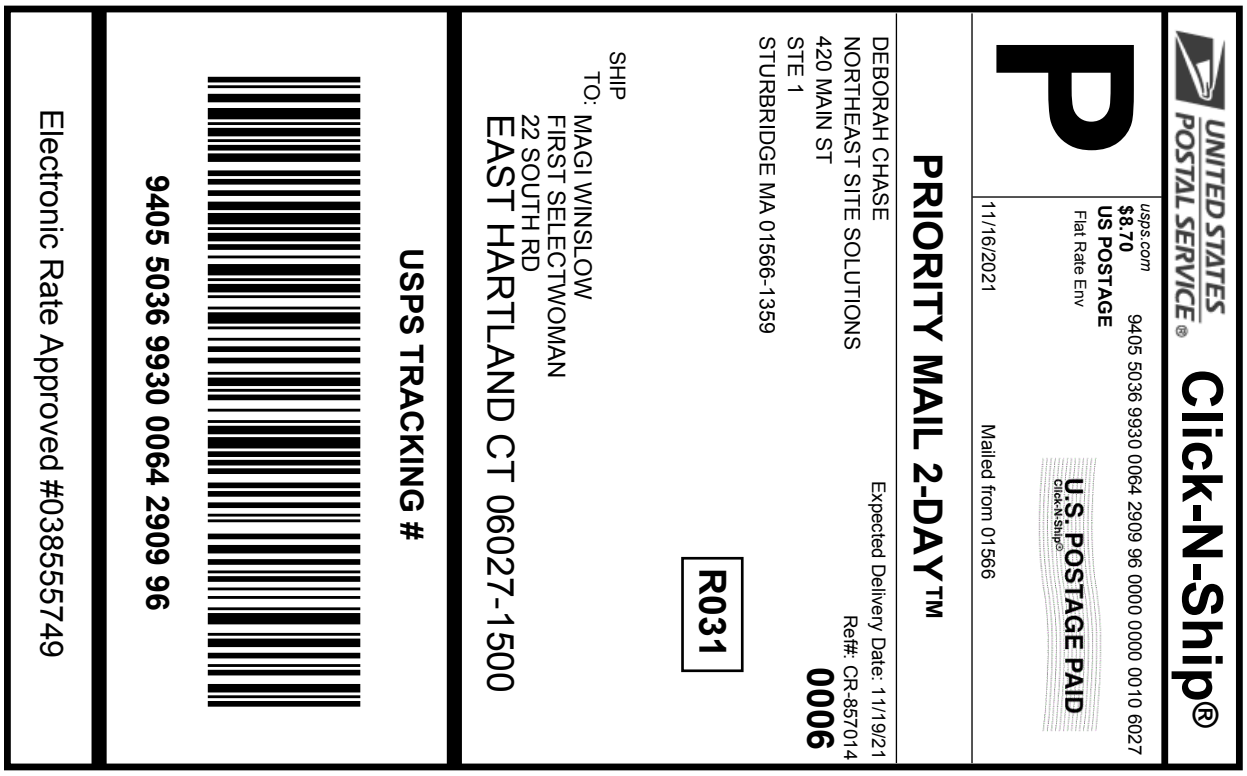
*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification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

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

Absolute worst case maximum values used.

Exhibit F

Recipient Mailings



Cut on dotted line.

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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 0064 2909 96

Trans. #:	548529702
Print Date:	11/16/2021
Ship Date:	11/16/2021
Expected Delivery Date:	11/19/2021

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

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

Ref#: CR-857014

To: MAGI WINSLOW
FIRST SELECTWOMAN
22 SOUTH RD
EAST HARTLAND CT 06027-1500

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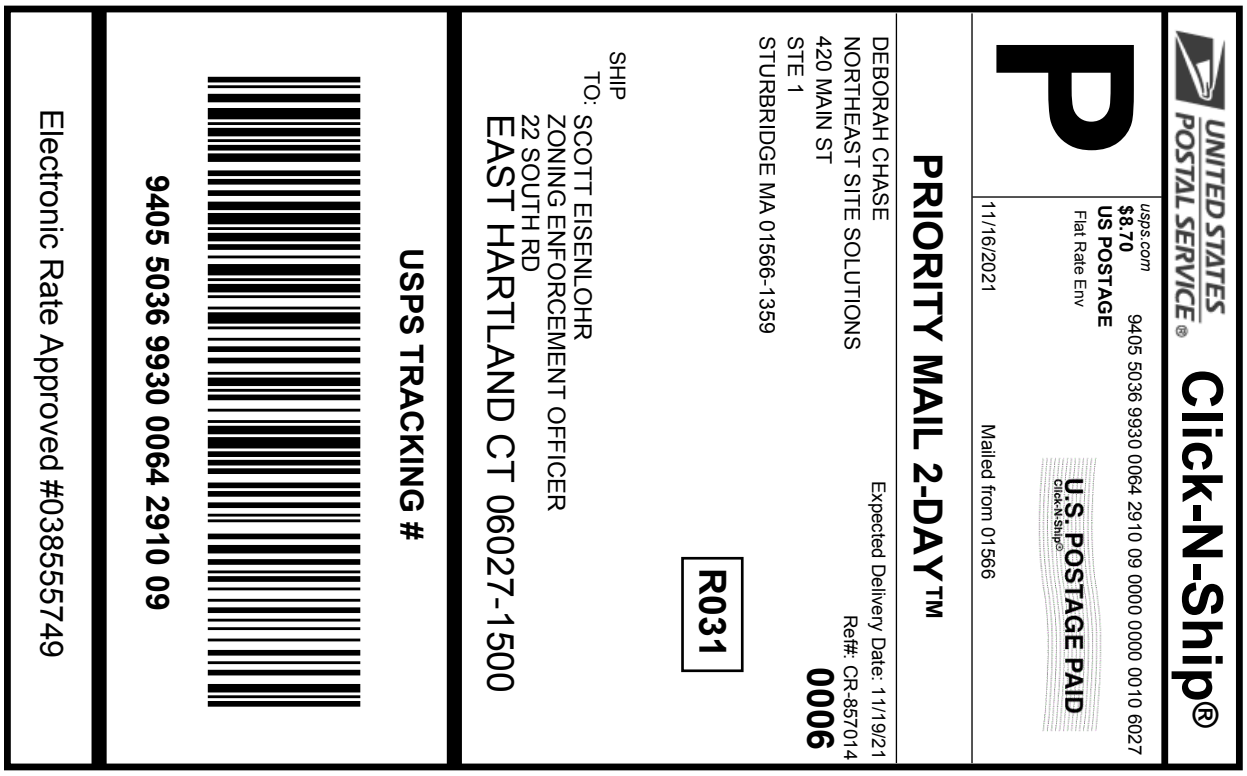

Cut on dotted line.

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 0064 2910 09

Trans. #:	548529702
Print Date:	11/16/2021
Ship Date:	11/16/2021
Expected Delivery Date:	11/19/2021

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

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

Ref#: CR-857014

To: SCOTT EISENLOHR
ZONING ENFORCEMENT OFFICER
22 SOUTH RD
EAST HARTLAND CT 06027-1500

* 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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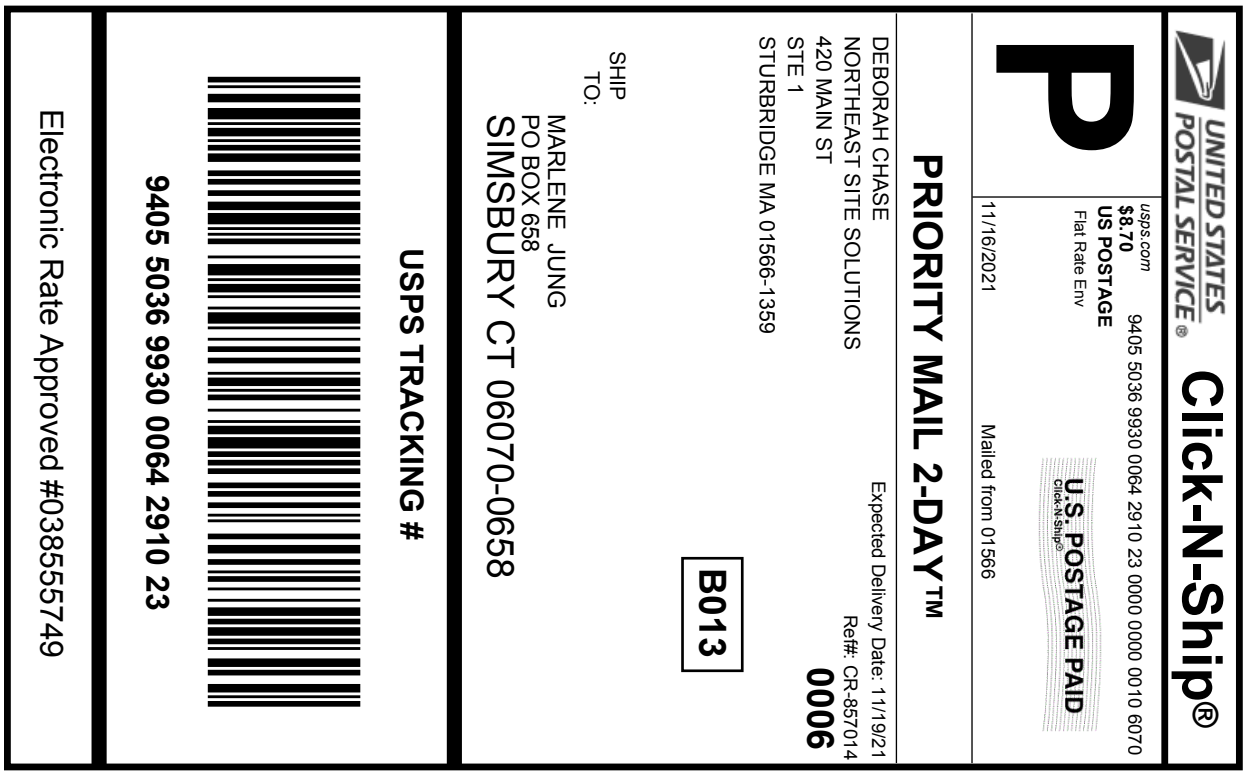

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0064 2910 23

Trans. #:	548529702
Print Date:	11/16/2021
Ship Date:	11/16/2021
Expected Delivery Date:	11/19/2021

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

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

Ref#: CR-857014

To: MARLENE JUNG
PO BOX 658
SIMSBURY CT 06070-0658

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

Thank you for shipping with the United States Postal Service!
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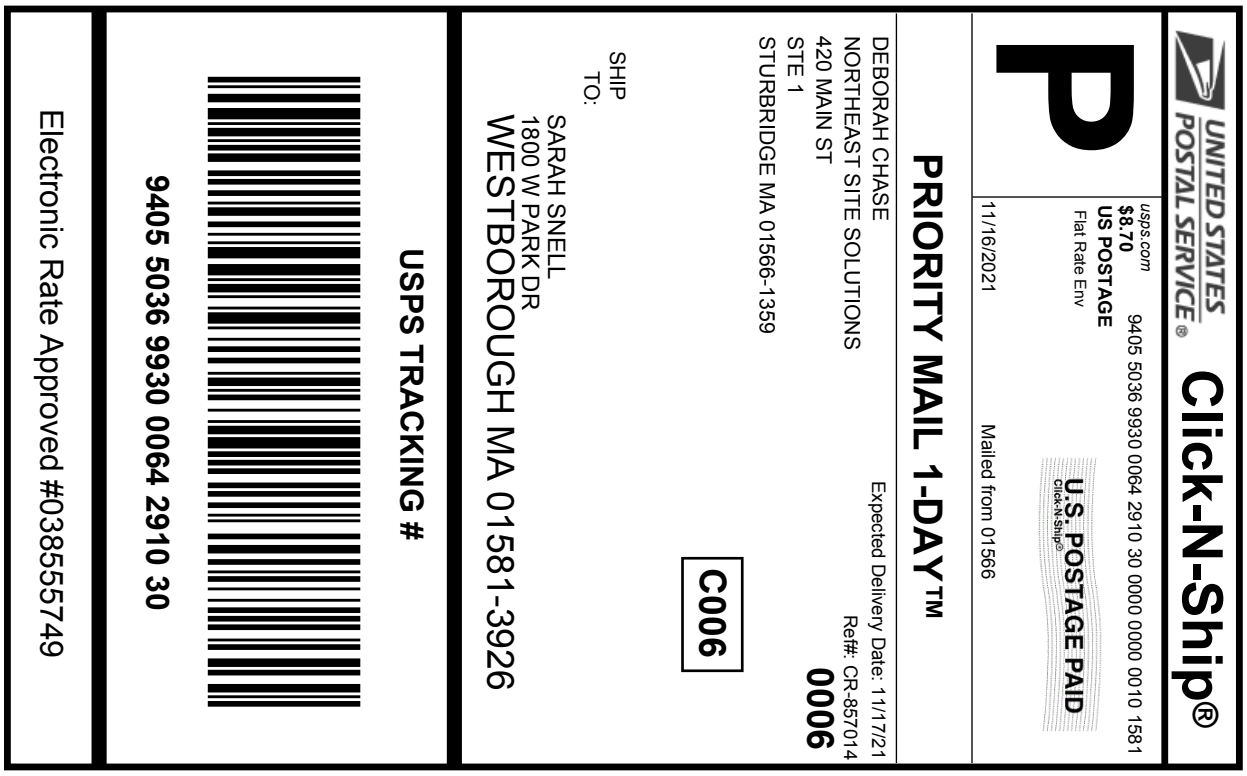

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0064 2910 30

Trans. #:	548529702
Print Date:	11/16/2021
Ship Date:	11/16/2021
Expected Delivery Date:	11/17/2021

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

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

Ref#: CR-857014

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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857014

UNITED STATES POSTAL SERVICE.

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

11/17/2021 03:00 PM

Product	Qty	Unit Price	Price
Prepaid Mail Westborough, MA 01581 Weight: 0 lb 2.00 oz Acceptance Date: Wed 11/17/2021 Tracking #: 9405 5036 9930 0064 2910 30	1		$0.00
Prepaid Mail East Hartland, CT 06027 Weight: 0 lb 6.50 oz Acceptance Date: Wed 11/17/2021 Tracking #: 9405 5036 9930 0064 2909 96	1		$0.00
Prepaid Mail Simsbury, CT 06070 Weight: 0 lb 6.50 oz Acceptance Date: Wed 11/17/2021 Tracking #: 9405 5036 9930 0064 2910 23	1		$0.00
Prepaid Mail East Hartland, CT 06027 Weight: 0 lb 6.50 oz Acceptance Date: Wed 11/17/2021 Tracking #: 9405 5036 9930 0064 2910 09	1		$0.00

Grand Total: $0.00