Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

July 30, 2020

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

RE: **Notice of Exempt Modification for T-Mobile:**
5800059 - T-Mobile Site ID: CTHA332C
258 Ridge Road, Madison, CT 06433
Latitude: 41° 18′ 33.30″ / Longitude: -72° 36′ 51.57″

Dear Ms. Bachman:

T-Mobile currently maintains nine (9) antennas at the 148-foot mount on the existing 150-foot Monopole Tower, located at 10 Sylvia Street, Branford, CT. The tower is owned by Crown Castle and the property is owned by the Town of Madison. T-Mobile now intends to replace nine (9) existing antennas with twelve (12) new antennas. The new antennas will be installed at the 148-ft level of the tower. T-Mobile is also proposing tower mount modifications, as shown on the enclosed mount analysis.

Planned Modifications:
Tower:

Remove and Replace:
(3) AIR21 KRC118023-1_B2P_B4A Antenna **(REMOVE)** – (3) AIR32_B66A_B2A Antenna 1900/2100 MHz **(REPLACE)**

Install New:
(3) 1 5/8" Hybrid Fiber Line
(3) RRUS 4415 B25
(3) RRUS 4449 B71/B85A
(3) AIR6449 B41 Antenna 2500/2500 MHz
(3) RFS-APXVAARR24_43-U-NA20 Antenna 600/700/1900 MHz

Existing to Remain:
(12) 1 5/8" Coax
(1) Fiber line
(3) AIR21 KRC118023-1_B2A_B4P Antenna 1900/2100 MHz
(3) TMA

Ground:
Upgrade and replacement of existing ground cabinet.

The facility was approved by the Connecticut Siting Council on October 30, 2008 in Docket No. 363. The approval was given with conditions which this exempt modification complies with.

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

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

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

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

4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

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

For the foregoing reasons, T-Mobile respectfully submits that the proposed modifications to the above-reference telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2). Please send approval/rejection letter to Attn: Anne Marie Zsamba.

Sincerely,

Anne Marie Zsamba
Site Acquisition Specialist
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065
(201) 236-9224
AnneMarie.Zsamba@crowncastle.com

Attachments

cc:
Peggy Lyons, First Selectwoman (*via email only to lyonsp@madisonct.org*)
Town of Madison
Town Hall – Selectwoman's Office

8 Campus Drive
Madison, CT 06443

David Anderson, Town Planner (*via email only to andersond@madisonct.org*)
Town of Madison
Town Hall – Planning Department
8 Campus Drive
Madison, CT 06443

Crown Castle, Tower Owner

From: Zsamba, Anne Marie
To: andersond@madisonct.org
Subject: Notice of Exempt Modification - T-Mobile - 258 Ridge Road
Date: Thursday, July 30, 2020 5:30:00 AM
Attachments: EM-T-MOBILE-258 RIDGE RD MADISON-5800059-CTHA332C_notice.pdf

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Dear Town Planner Anderson:

Attached please find T-Mobile's exempt modification application that is being submitted to the Connecticut Siting Council, today July 30, 2020.

In light of the present circumstances with Covid-19, The Council has advised that electronic notification of this filing is acceptable. If you could kindly confirm receipt. Thank you.

Best,
Anne Marie Zsamba

ANNE MARIE ZSAMBA
Site Acquisition Specialist
T: (201) 236-9224
M: (518) 350-3639
F: (724) 416-6112

CROWN CASTLE
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065
CrownCastle.com

From: Zsamba, Anne Marie
To: lyonsp@madisonct.org
Subject: Notice of Exempt Modification - T-Mobile - 258 Ridge Road
Date: Thursday, July 30, 2020 5:30:00 AM
Attachments: EM-T-MOBILE-258 RIDGE RD MADISON-5800059-CTHA332C_notice.pdf

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Dear First Selectwoman Lyons:

Attached please find T-Mobile's exempt modification application that is being submitted to the Connecticut Siting Council, today July 30, 2020.

In light of the present circumstances with Covid-19, The Council has advised that electronic notification of this filing is acceptable. If you could kindly confirm receipt. Thank you.

Best,
Anne Marie Zsamba

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CROWN CASTLE
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065
CrownCastle.com

Exhibit A

Original Facility Approval

DOCKET NO. 363 – Crown Communications Inc. application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility located at 258 Ridge Road, Madison, Connecticut.	}	Connecticut
	}	Siting
	}	Council

October 30, 2008

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 Public Need, as provided by General Statutes § 16-50k, be issued to Crown Communications Inc., hereinafter referred to as the Certificate Holder, for a telecommunications facility at 258 Ridge Road, Madison, 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 constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of Omnipoint Communications, Inc. and other entities, both public and private, but such tower shall not exceed a height of 150 feet above ground level. The tower and compound shall be moved approximately 50 feet to the north to avoid tree clearing.

2. 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 Madison for comment, 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, equipment compound, radio equipment, access road, utility line, and landscaping; and
    b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

3. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of the 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 the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

4. 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.

5. 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.

6. The Certificate Holder shall provide reasonable space on the tower for no compensation for any Town of Madison public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.

7. Unless otherwise approved by the Council, 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.

8. Any request for extension of the time period referred to in Condition 7 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Madison. Any proposed modifications to this Decision and Order shall likewise be so served.

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. The Certificate Holder shall remove any nonfunctioning antenna, and associated antenna mounting equipment, within 60 days of the date the antenna ceased to function.

11. 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 site 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, the Council hereby directs 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 *New Haven Register* and *The Source.*

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 parties and intervenors to this proceeding are:

Applicant	**Its Representative**
Crown Communications, Inc.	Christopher B. Fisher, Esq. Cuddy & Feder LLP 445 Hamilton Avenue, 14th Floor White Plains, NY 10601
Intervenor	**Its Representative**
Omnipoint Communications, Inc.	Julie Kohler, Esq. Jesse Langer, Esq. Cohen and Wolf, P.C. 1115 Broad Street Bridgeport, CT 06604

Exhibit B

Property Card

258 RIDGE RD

Location	258 RIDGE RD	**MBLU**	78/ 3/ / /
Acct#	00453700	**Owner**	TOWN OF MADISON
Assessment	$103,500	**Appraisal**	$147,900
PID	4717	**Building Count**	1

Current Value

Appraisal					
Valuation Year	**Building**	**Extra Features**	**Outbuildings**	**Land**	**Total**
2018	$0	$0	$0	$147,900	$147,900
Assessment					
Valuation Year	**Building**	**Extra Features**	**Outbuildings**	**Land**	**Total**
2018	$0	$0	$0	$103,500	$103,500

Parcel Addreses

Additional Addresses		
Address	**City, State Zip**	**Type**
258 RIDGE RD		Primary

Owner of Record

Owner	TOWN OF MADISON	**Sale Price**	$100,000
Co-Owner		**Book & Page**	660/ 162
Care Of		**Sale Date**	06/16/1995
		Instrument	15

Ownership History

Ownership History				
Owner	**Sale Price**	**Book & Page**	**Instrument**	**Sale Date**
TOWN OF MADISON	$100,000	660/ 162	15	06/16/1995

Building Information

Building 1 : Section 1

Year Built:

Living Area: 0

Building Attributes	
Field	**Description**
Style	Vacant Land
Model	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Fireplace(s)	
Xtra FPL Open	

Building Photo

(http://images.vgsi.com/photos/MadisonCTPhotos/\01\01\64/24.jpg)

Building Layout

(http://images.vgsi.com/photos/MadisonCTPhotos//Sketches/4717_4717.jp

Building Sub-Areas (sq ft)
No Data for Building Sub-Areas

Extra Features

Extra Features
No Data for Extra Features

Land

Land Use

Use Code 9035
Description Municipal Town
Zone RU-1

Land Line Valuation

Size (Acres) 3

Outbuildings

Outbuildings

No Data for Outbuildings

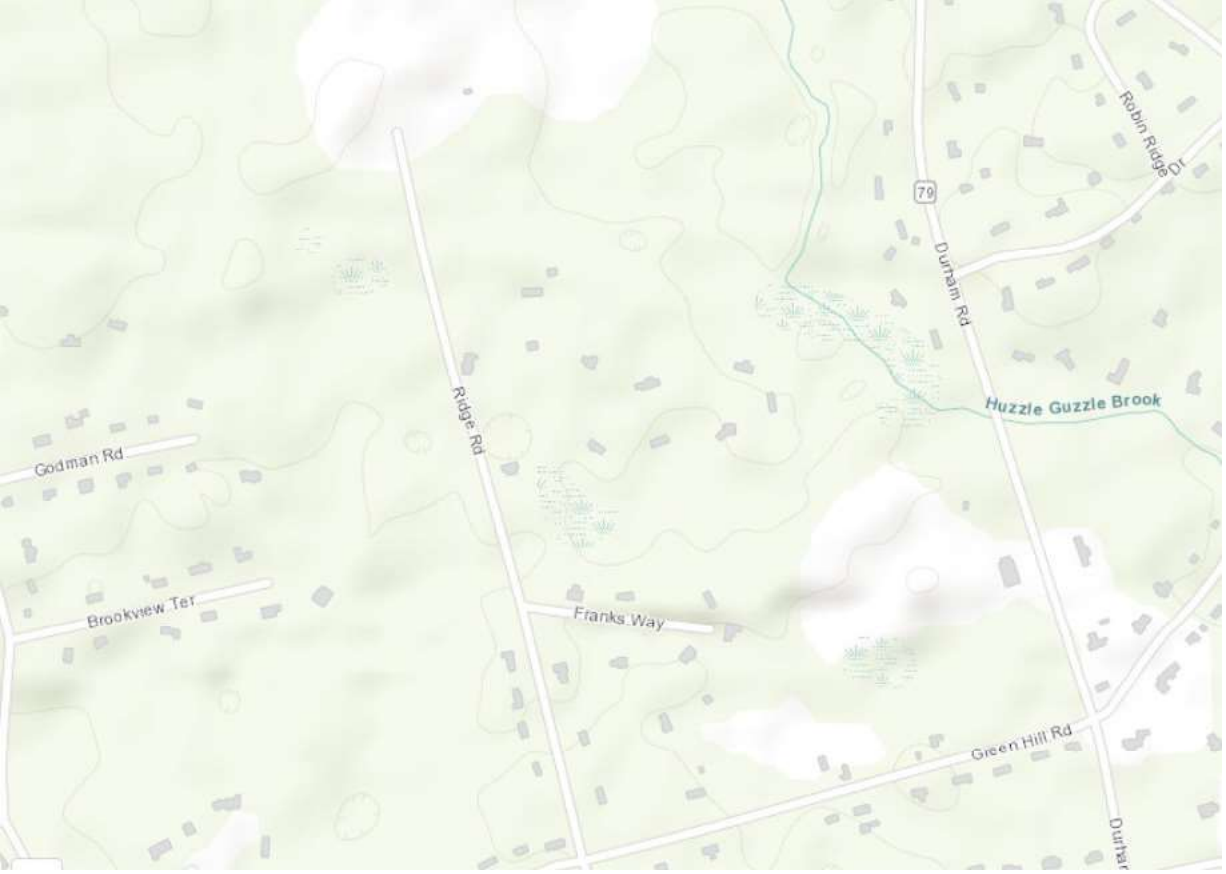

Robin Ridge Dr
79
Durham Rd
Huzzle Guzzle Brook
Ridge Rd
Godman Rd
Brookview Ter
Franks Way
Green Hill Rd

Exhibit C

Construction Drawings

T-MOBILE SITE NUMBER: CTHA332C
T-MOBILE SITE NAME: HA332/WASTE STATION
SITE TYPE: MONOPOLE
TOWER HEIGHT: 150'-0"

BUSINESS UNIT #: 5800059
SITE ADDRESS: 258 RIDGE ROAD MADISON, CT 06433
COUNTY: NEW HAVEN
JURISDICTION: CONNECTICUT SITING COUNCIL

T-MOBILE L700 SITE CONFIGURATION: 67D5A992DB

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	RIDGE ROAD, MADISON
SITE ADDRESS:	258 RIDGE ROAD MADISON, CT 06433
COUNTY:	NEW HAVEN
MAP/PARCEL #:	MADL000514000001
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41.30928°
LONGITUDE:	72.614322°
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	128 FT
CURRENT ZONING:	RU-1
JURISDICTION:	CONNECTICUT SITING COUNCIL
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	TOWN OF MADISON 8 CAMPUS DRIVE MADISON, CT 06443
TOWER OWNER:	TOWER DEVELOPMENT CORPORATION 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	T-MOBILE 35 GRIFFIN ROAD BLOOMFIELD, CT 06002
ELECTRIC PROVIDER:	EVERSOURCE (800) 286-2000
TELCO PROVIDER:	LIGHTTOWER (800) 487-5578

PROJECT TEAM

A&E FIRM:	CROWN CASTLE USA INC. 2000 CORPORATE DRIVE CANONSBURG, PA 15317 CROWNAEAPPROVAL@CROWNCASTLE.COM
CROWN CASTLE USA INC. DISTRICT CONTACTS:	12 GULL STREET, SUITE 5800 WOBURN, MA 01801
	TBD - PROJECT MANAGER TBD
	JOSEPH CLARK - A&E SPECIALIST JOSEPH.CLARK@CROWNCASTLE.COM

DRAWING INDEX

SHEET #	SHEET DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES
C-1.1	OVERALL SITE PLAN
C-1.2	SITE PLAN & ENLARGED SITE PLAN
C-2	FINAL ELEVATION & ANTENNA PLANS
C-3	ANTENNA & CABLE SCHEDULE
C-4	PLUMBING DIAGRAM
C-5	EQUIPMENT SPECS
E-1	AC PANEL SCHEDULES & ONE LINE DIAGRAM
G-1	ANTENNA GROUNDING DIAGRAM
G-2	GROUNDING DETAILS
G-3	GROUNDING DETAILS
S-01	MOUNT MODIFICATIONS
S-02	MOUNT MODIFICATIONS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 24X36. 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.

PROJECT DESCRIPTION

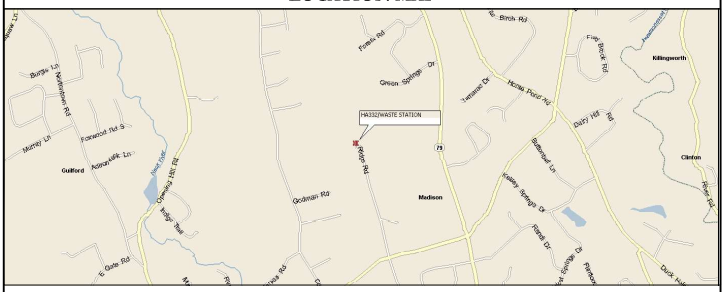
THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY.

TOWER SCOPE OF WORK:
- REMOVE (3) ANTENNAS
- INSTALL (9) ANTENNAS
- INSTALL (6) RRUs
- INSTALL (3) 6x12 HYBRID CABLES

GROUND SCOPE OF WORK:
- REMOVE (1) DC841
- REMOVE (1) XMC
- INSTALL (1) 6160 SSC
- INSTALL (1) B160 BATTERY CABINET
- INSTALL (2) BB 6630 IN EXISTING 3106 CABINET
- INSTALL (3) BB 6630 & (1) BB 6648 IN NEW 6160 SSC
- UPGRADE MTS CABINET BREAKER TO 150A

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

LOCATION MAP



NO SCALE

APPLICABLE CODES/REFERENCE DOCUMENTS

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

CODE TYPE	CODE
BUILDING:	2018 CTSBC - 2015 IBC W/ CT AMENDMENTS
MECHANICAL:	2018 CTSBC - 2015 IMC W/ CT AMENDMENTS
ELECTRICAL:	2018 CTSBC - 2017 NEC W/ CT AMENDMENTS

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	CROWN CASTLE
DATED:	JUNE 23, 2020
MOUNT ANALYSIS:	POWER OF DESIGN
DATED:	JUNE 19, 2020
RFDS REVISION:	3
DATED:	5/19/20
ORDER ID:	524463
REVISION:	1

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

APPROVALS

APPROVAL	SIGNATURE	DATE
PROPERTY OWNER OR REP.		
LAND USE PLANNER		
T-MOBILE		
OPERATIONS		
RF		
NETWORK		
BACKHAUL		
CONSTRUCTION MANAGER		

THE PARTIES ABOVE HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL CONSTRUCTION DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND ANY CHANGES AND MODIFICATIONS THEY MAY IMPOSE.

T-Mobile
4 SYLVAN WAY
PARSIPPANY, NJ 07054

CROWN CASTLE
3530 TORINGDON WAY, SUITE 300
CHARLOTTE, NC 28277

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

T-MOBILE SITE NUMBER:
CTHA332C

BU #: **5800059**
RIDGE ROAD, MADISON

258 RIDGE ROAD
MADISON, CT 06433

EXISTING
150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES/QA
0	7/9/20	SDS	CONSTRUCTION	ADC

STATE OF CONNECTICUT
31627
LICENSED
PROFESSIONAL ENGINEER
7/9/20

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/21

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

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

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

   CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
   - SLAB AND WALLS ..... 3/4"
   - BEAMS AND COLUMNS ..... 1–1/2"
7. A TOOLED EDGE OR A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.

GREENFIELD GROUNDING NOTES:

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

ELECTRICAL INSTALLATION NOTES:

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

CONDUCTOR COLOR CODE

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

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

APWA UNIFORM COLOR CODE:

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

ABBREVIATIONS:

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

T-Mobile
4 SYLVAN WAY
PARSIPPANY, NJ 07054

CROWN CASTLE
3530 TORINGDON WAY, SUITE 300
CHARLOTTE, NC 28277

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

T-MOBILE SITE NUMBER:
CTHA332C

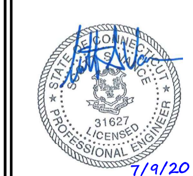
BU #: **5800059**
RIDGE ROAD, MADISON

258 RIDGE ROAD
MADISON, CT 06433

EXISTING
150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/9/20	STH	CONSTRUCTION	RMC

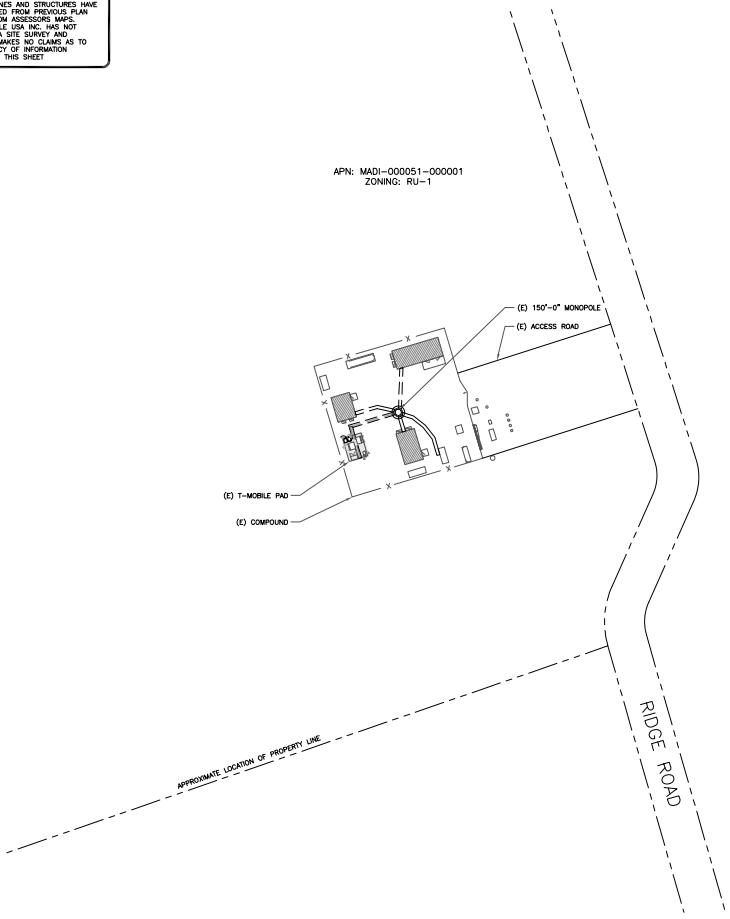


B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/21

SITE PLAN DISCLAIMER:

PROPERTY LINES AND STRUCTURES HAVE BEEN DIGITIZED FROM PREVIOUS PLAN SETS OR FROM ASSESSORS MAPS. CROWN CASTLE USA INC. HAS NOT COMPLETED A SITE SURVEY AND THEREFORE MAKES NO CLAIMS AS TO THE ACCURACY OF INFORMATION DEPICTED ON THIS SHEET

APN: MADI-000051-000001
ZONING: RU-1



1 OVERALL SITE PLAN
SCALE: 30' 15' 0 30' 1"=30'-0" (FULL SIZE) 1"=60'-0" (11x17)

N

T-Mobile
4 SYLVAN WAY
PARSIPPANY, NJ 07054

CROWN CASTLE
3530 TORINGDON WAY, SUITE 300
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T-MOBILE SITE NUMBER:
CTHA332C

BU #: **5800059**
RIDGE ROAD, MADISON

258 RIDGE ROAD
MADISON, CT 06433

EXISTING
150'-0" MONOPOLE

ISSUED FOR:

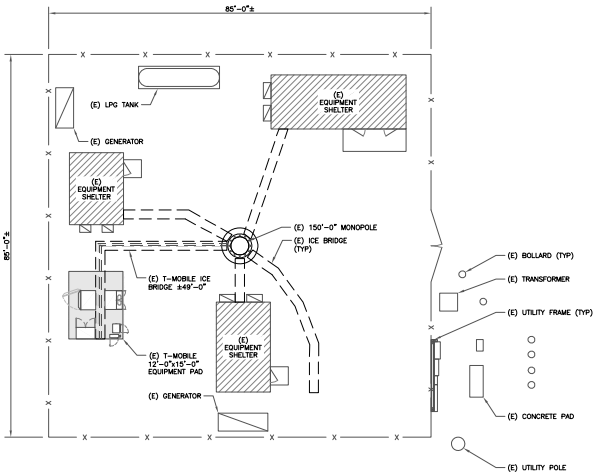
REV	DATE	DRWN	DESCRIPTION	DES/QA
0	7/9/20	SDS	CONSTRUCTION	ADC

STATE OF CONNECTICUT
31627
LICENSED
PROFESSIONAL ENGINEER
7/9/20

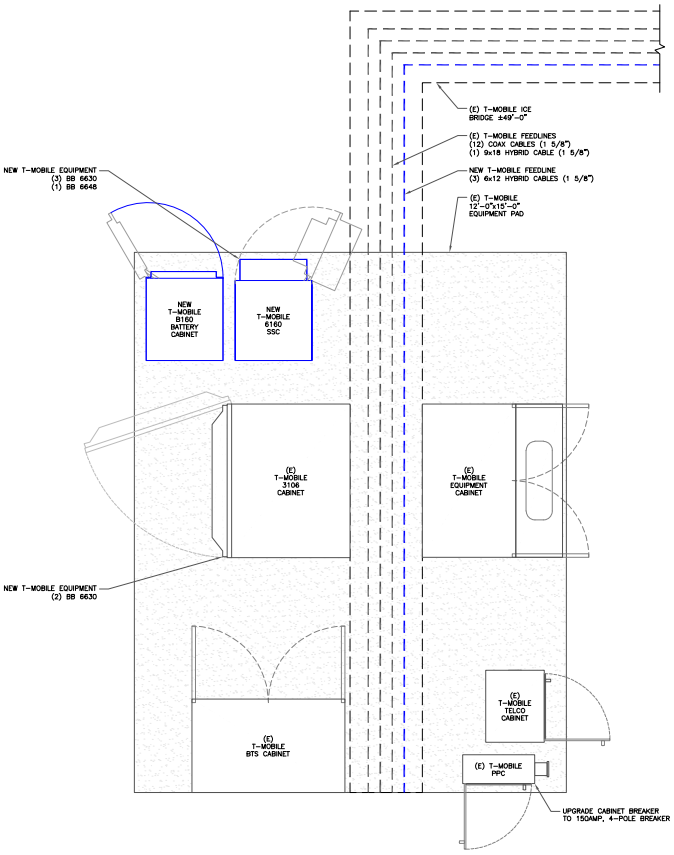
B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/21

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

SHEET NUMBER: C-1.1
REVISION: 0



1 SITE PLAN
SCALE: 3/32"=1'-0" (FULL SIZE) 3/64"=1'-0" (11x17)



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

T-Mobile
4 SYLVAN WAY
PARSIPPANY, NJ 07054

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T-MOBILE SITE NUMBER:
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BU #: **5800059**
RIDGE ROAD, MADISON

258 RIDGE ROAD
MADISON, CT 06433

EXISTING
150'-0" MONOPOLE

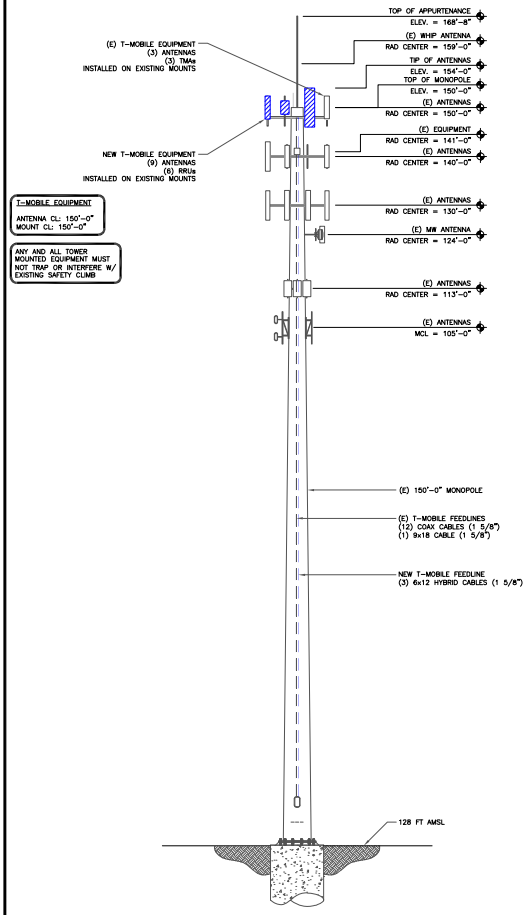
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES/QA
0	7/9/20	SDS	CONSTRUCTION	JDM

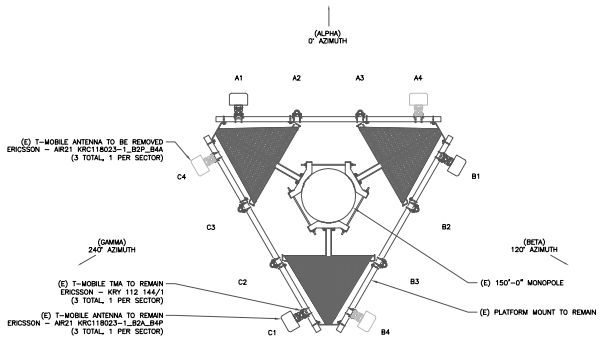
STATE OF CONNECTICUT
31627
LICENSED PROFESSIONAL ENGINEER
7/9/20

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/21

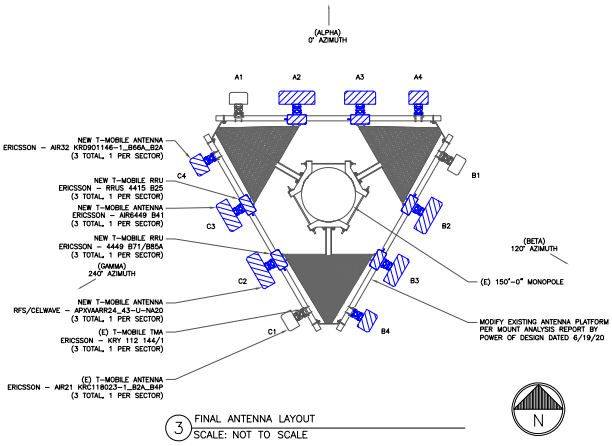
SHEET NUMBER: C-1.2
REVISION: 0



1 FINAL ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA LAYOUT
SCALE: NOT TO SCALE



3 FINAL ANTENNA LAYOUT
SCALE: NOT TO SCALE

T-Mobile
4 SYLVAN WAY
PARSIPPANY, NJ 07054

CROWN CASTLE
3530 TORINGDON WAY, SUITE 300
CHARLOTTE, NC 28277

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

T-MOBILE SITE NUMBER:
CTHA332C

BU #: **5800059**
RIDGE ROAD, MADISON

258 RIDGE ROAD
MADISON, CT 06433

EXISTING
150'-0" MONOPOLE

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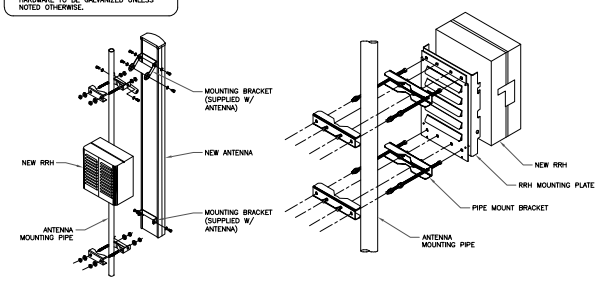
ANTENNA SCHEDULE										
SECTOR	POS.	TECHNOLOGY	RAD CENTER	AZIMUTH	ANTENNA MANUFACTURER	ANTENNA MODEL	MECH. TILT	ELECT. TILT	TOWER MOUNTED EQUIPMENT	FEEDLINE TYPE
ALPHA	A1	GSM 1900 UMTS 2100	150'-0"	0°	ERICSSON	AIR21 KRC118023-1_B2A_B4P	0°	2°/2°	(1) ERICSSON – KRY 112 144/1	(4) 1 5/8" COAX (1) 9x18 HYBRID
ALPHA	A2	LTE 600/700/1900 N600	150'-0"	0°	RFS/CELWAVE	APXVAARR24_43-U-NA20	0°	0°/0°	(1) ERICSSON – RRUS 4449 B71/85 (1) ERICSSON – RRUS 4415 B25	(1) 6x12 HYBRID
ALPHA	A3	LTE 2500/N2500	150'-0"	0°	ERICSSON	AIR6449 B41	0°	0°	–	(1) 6x12 HYBRID
ALPHA	A4	LTE 2100/1900	150'-0"	0°	ERICSSON	AIR23 KRD901146-1_B66A/B2A	0°	2°/0°	–	(1) 6x12 HYBRID
BETA	B1	GSM 1900 UMTS 2100	150'-0"	120°	ERICSSON	AIR21 KRC118023-1_B2A_B4P	0°	2°/2°	(1) ERICSSON – KRY 112 144/1	(4) 1 5/8" COAX SHARED HYBRID
BETA	B2	LTE 600/700/1900 N600	150'-0"	120°	RFS/CELWAVE	APXVAARR24_43-U-NA20	0°	0°/0°	(1) ERICSSON – RRUS 4449 B71/85 (1) ERICSSON – RRUS 4415 B25	SHARED
BETA	B3	LTE 2500/N2500	150'-0"	120°	ERICSSON	AIR6449 B41	0°	0°	–	SHARED W/ B41
BETA	B4	LTE 2100/1900	150'-0"	120°	ERICSSON	AIR23 KRD901146-1_B66A/B2A	0°	2°/0°	–	SHARED
GAMMA	C1	GSM 1900 UMTS 2100	150'-0"	240°	ERICSSON	AIR21 KRC118023-1_B2A_B4P	0°	2°/2°	(1) ERICSSON – KRY 112 144/1	(4) 1 5/8" COAX SHARED HYBRID
GAMMA	C2	LTE 600/700/1900 N600	150'-0"	240°	RFS/CELWAVE	APXVAARR24_43-U-NA20	0°	0°/0°	(1) ERICSSON – RRUS 4449 B71/85 (1) ERICSSON – RRUS 4415 B25	SHARED
GAMMA	C3	LTE 2500/N2500	150'-0"	240°	ERICSSON	AIR6449 B41	0°	0°	–	SHARED W/ B41
GAMMA	C4	LTE 2100/1900	150'-0"	240°	ERICSSON	AIR23 KRD901146-1_B66A/B2A	0°	2°/0°	–	SHARED

1 ANTENNA AND CABLE SCHEDULE
SCALE: NOT TO SCALE

INSTALLER NOTES:

1. COMPLY WITH MANUFACTURERS INSTRUCTIONS TO ENSURE THAT ALL RRHs RECEIVE ELECTRICAL POWER WITHIN 24 HOURS OF BEING REMOVED FROM THE MANUFACTURER'S PACKAGING.
2. DO NOT OPEN RRH PACKAGES IN THE RAIN.
3. ALL PIPES, BRACKETS, AND MISCELLANEOUS HARDWARE TO BE GALVANIZED UNLESS NOTED OTHERWISE.



2 ANTENNA WITH RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

T-Mobile
4 SYLVAN WAY
PARSIPPANY, NJ 07054

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3530 TORINGDON WAY, SUITE 300
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www.btgrp.com

T-MOBILE SITE NUMBER:
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BU #: **5800059**
RIDGE ROAD, MADISON

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SHEET NUMBER: C-3
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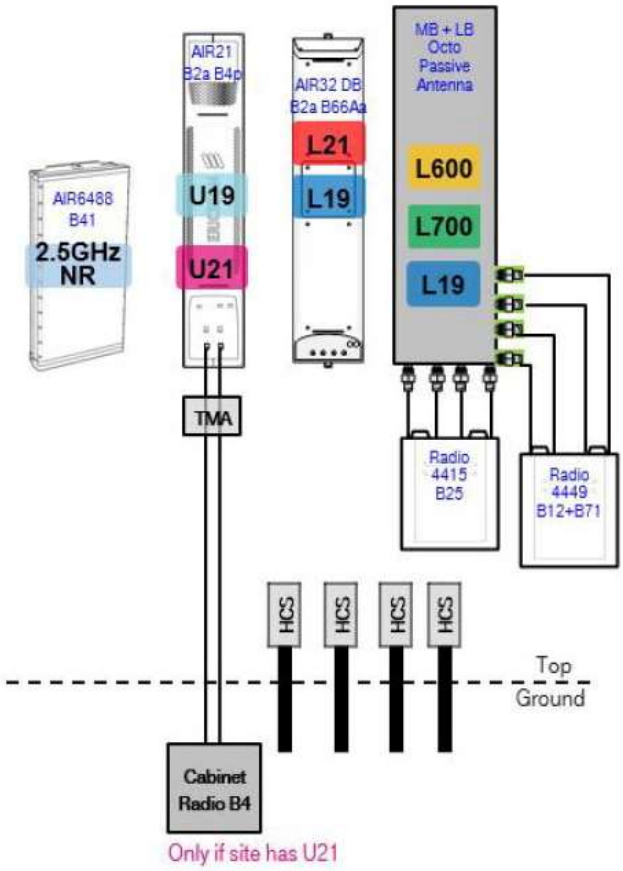

1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

T-Mobile
4 SYLVAN WAY
PARSIPPANY, NJ 07054

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3530 TORINGDON WAY, SUITE 300
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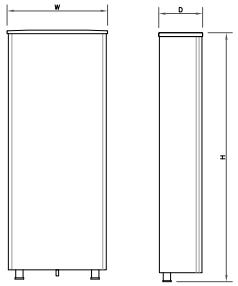
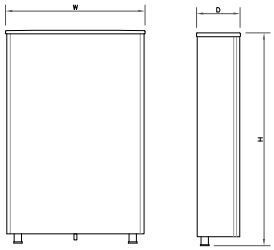
SHEET NUMBER: C-4
REVISION: 0



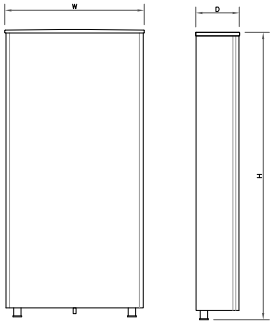
ANTENNA SPECS	
MANUFACTURER	ERICSSON
MODEL #	AIR32 KRD901146-1_B2A_B66A
WIDTH	12.9"
DEPTH	8.7"
HEIGHT	56.6"
WEIGHT	132.2 LBS

1 ANTENNA SPECS
SCALE: NOT TO SCALE



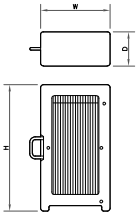
ANTENNA SPECS	
MANUFACTURER	ERICSSON
MODEL #	AIR6449_B41
WIDTH	20.6"
DEPTH	8.6"
HEIGHT	33.10"
WEIGHT	104 LBS

2 ANTENNA SPECS
SCALE: NOT TO SCALE



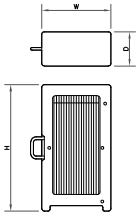
ANTENNA SPECS	
MANUFACTURER	RFS/CELWAVE
MODEL #	APZVAARR24_43-U-NA20
WIDTH	24"
DEPTH	8.7"
HEIGHT	95.9"
WEIGHT	153.3 LBS

3 ANTENNA SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS	
MANUFACTURER	ERICSSON
MODEL #	4449 B71/B5
WIDTH	13.2"
DEPTH	10.63"
HEIGHT	17.91"
WEIGHT	73.21 LBS

4 RRU SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS	
MANUFACTURER	ERICSSON
MODEL #	RRUS 4415 B25
WIDTH	13.19"
DEPTH	5.39"
HEIGHT	14.96"
WEIGHT	44 LBS

5 RRU SPECS
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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BU #: **5800059**
RIDGE ROAD, MADISON

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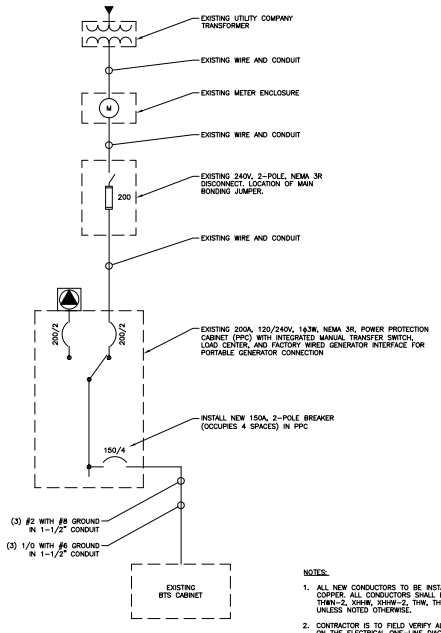
T-MOBILE PANEL SCHEDULE

MAIN: 200 AMP MAIN BREAKER			**VOLTAGE/PHASE**: 120/240V, 1-PHASE, 3-WIRE						**SHORT CIRCUIT CURRENT RATING**: —		
MOUNTING: INSIDE PPC ENCLOSURE			**ENCLOSURE**: NEMA 3R						**SURGE PROTECTION DEVICE**: YES		
DESCRIPTION	LOAD (VA)	C or NC	C/B	CIR No.	LOAD (VA) A-PHASE	LOAD (VA) B-PHASE	CIR No.	C/B	C or NC	LOAD (VA)	DESCRIPTION
SURGE PROTECTION DEVICE	0	NC	60	1	180		2	20	NC	180	RECEPTACLE
	0	NC		3		200	4	20	NC	200	LIGHT
BTS CABINET **	3600	C	150	5	3600		6				BLANK
	3600	C		7		3600	8				
	3600	C		9	3600		10				
	3600	C		11		3600	12				
BLANK				13	0		14				
				15		0	16				
				17	0		18				
				19		0	20				
				21	0		22				
				23		0	24				
BASE LOAD (VA) =					7380	7400	C = CONTINUOUS LOAD; NC = NON-CONTINUOUS LOAD				
25% OF CONTINUOUS LOAD (VA) =					1800	1800	** INDICATES NEW LOAD. ALL OTHER LOADS ARE EXISTING.				
TOTAL LOAD (VA) =					9180	9200	NEW BREAKER TO BE SAME TYPE AND HAVE SAME AIC RATING AS EXISTING.				
TOTAL LOAD (A) =					77	77	CUSTOMER HAS NOT PROVIDED LOADS FOR EQUIPMENT CABINETS THEREFORE THE CABINET LOADS SHOWN ARE ESTIMATED VALUES.				

1 AC PANEL SCHEDULE
SCALE: NOT TO SCALE



NOTES:

1. ALL NEW CONDUCTORS TO BE INSTALLED SHALL BE COPPER. ALL CONDUCTORS SHALL BE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 UNLESS NOTED OTHERWISE.
2. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING ITEMS SHOWN ON THE ELECTRICAL ONE-LINE DIAGRAM AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
3. ALL GROUNDING AND BONDING PER THE NEC.

2 ONE LINE DIAGRAM
SCALE: NOT TO SCALE

T-Mobile
4 SYLVAN WAY
PARSIPPANY, NJ 07054

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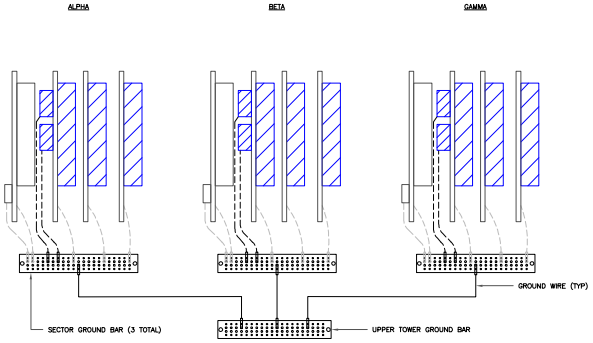
SHEET NUMBER: E-1
REVISION: 0



NOTE:
ALL NEW GROUNDS TO BE #6 STRANDED COPPER WITH GREEN INSULATION UNLESS NOTED OTHERWISE.

1 ANTENNA GROUNDING DIAGRAM
SCALE: NOT TO SCALE

T-Mobile
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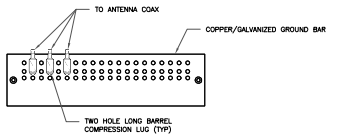
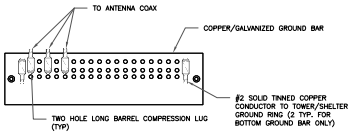
REVISION: 0



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.

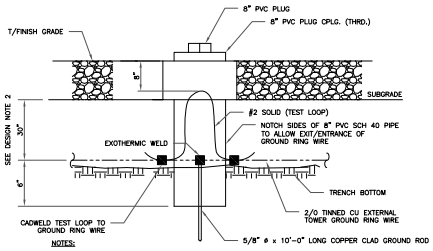
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



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.

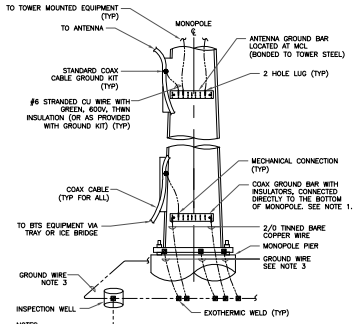
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



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)

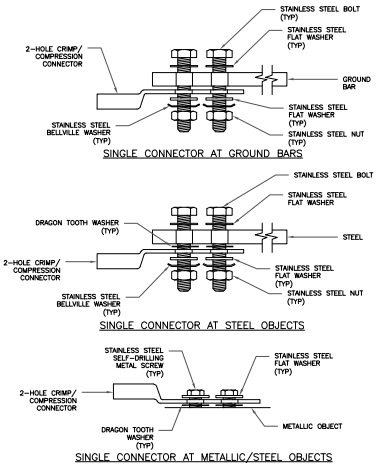
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



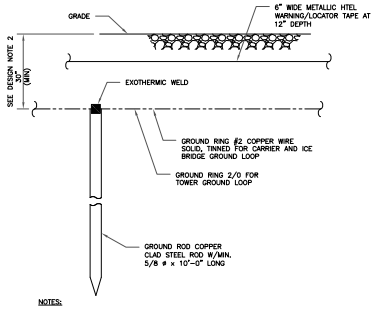
NOTES:

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

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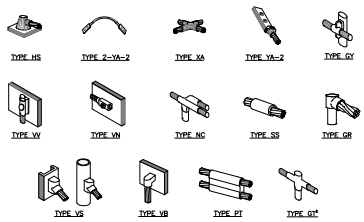
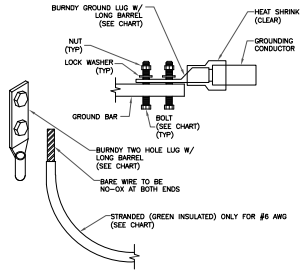


NOTE:

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

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

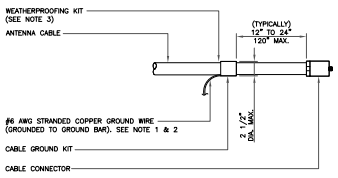
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



NOTES:

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

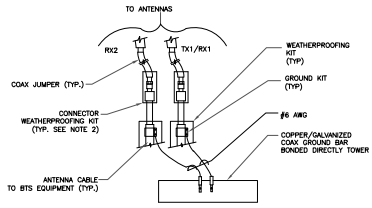
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

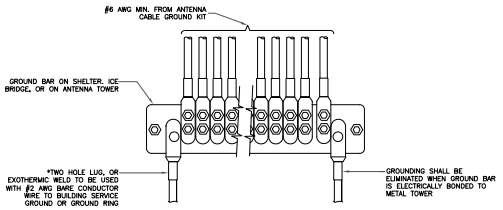
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



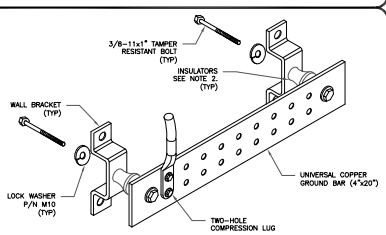
NOTES:

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

4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



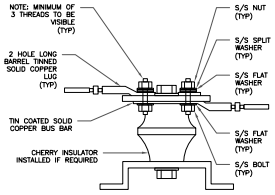
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



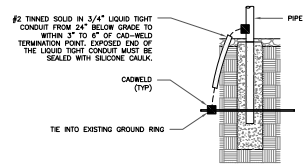
NOTES:

1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY CAD-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

T-Mobile
4 SYLVAN WAY
PARSIPPANY, NJ 07054

CROWN CASTLE
3530 TORINGDON WAY, SUITE 300
CHARLOTTE, NC 28277

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

T-MOBILE SITE NUMBER:
CTHA332C

BU #: **5800059**
RIDGE ROAD, MADISON

258 RIDGE ROAD
MADISON, CT 06433

EXISTING
150'-0" MONOPOLE

ISSUED FOR:

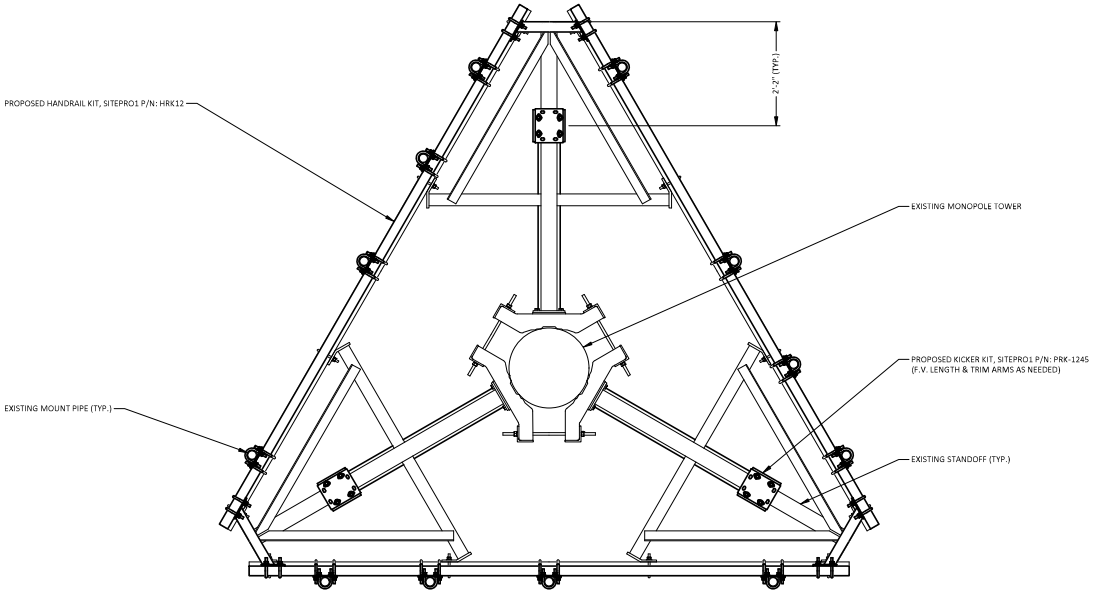
REV	DATE	DRWN	DESCRIPTION	DES/QA
0	7/9/20	SDS	CONSTRUCTION	JDM

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/21

SHEET NUMBER: G-3
REVISION: 0

NOTES:

- ANTENNAE & GRATING NOT SHOWN FOR CLARITY
- ALL FIELD DRILLED HOLES SHALL BE SOLVENT CLEANED AND TOUCHED UP WITH TWO COATS OF ZRC RICH PAINT
- EXCESS MATERIALS SHALL BE REMOVED AND DISPOSED OFF SITE BY THE CONTRACTOR



PLAN VIEW

1/2" = 1'-0"

PLANS PREPARED FOR:

CROWN CASTLE

PLANS PREPARED BY:

POD
POWER OF DESIGN

1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:

T-Mobile

DRAWING NOTICE:

MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:

RIDGE ROAD, MADISON
(CTHA332C)

258 RIDGE ROAD
MADISON, CT 06433

SITE NUMBER:

5800059

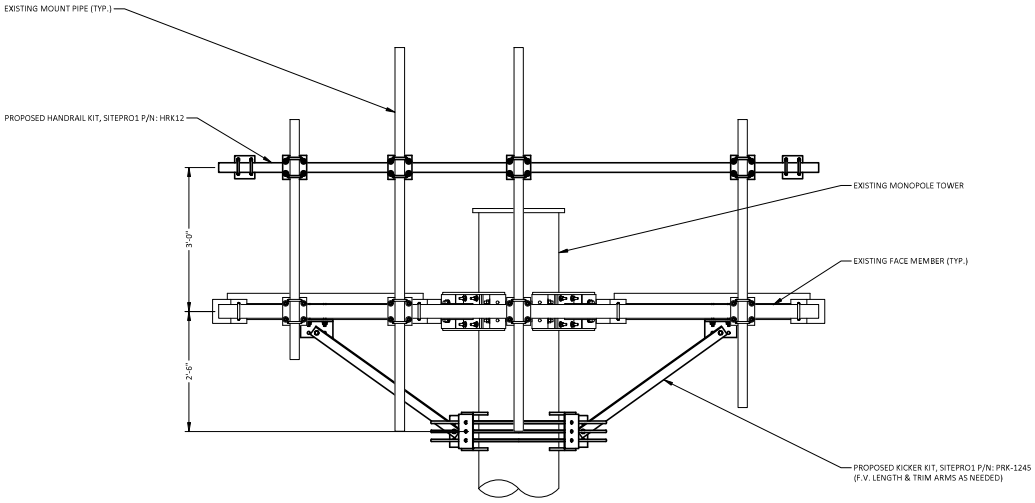
POD NUMBER:	20-65647
DRAWN BY:	TAJ
CHECKED BY:	JGC
DATE:	06/19/2020

SHEET TITLE:

PLAN VIEW

S-01

NOTES:
- ANTENNAE & GRATING NOT SHOWN FOR CLARITY
- ALL FIELD DRILLED HOLES SHALL BE SOLVENT CLEANED AND TOUCHED UP WITH TWO COATS OF ZRC RICH PAINT
- EXCESS MATERIALS SHALL BE REMOVED AND DISPOSED OFF SITE BY THE CONTRACTOR



ELEVATION VIEW
1/2" = 1'-0"

PLANS PREPARED FOR:
CROWN CASTLE

PLANS PREPARED BY:
POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:
T-Mobile

MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:
RIDGE ROAD, MADISON
(CTHA332C)

258 RIDGE ROAD
MADISON, CT 06433

SITE NUMBER:
5800059

POD NUMBER: 20-65647

DRAWN BY: TAJ
CHECKED BY: JGC
DATE: 06/19/2020

SHEET TITLE:
ELEVATION VIEW

S-02

Exhibit D

Structural Analysis Report

Date: **June 23, 2020**

Onnesta Gillis
Crown Castle
8000 Avalon Boulevard
Alpharetta, GA 30009

Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
(724) 416-2000

Subject:	**Structural Analysis Report**	
Carrier Designation:	***T-Mobile* Co-Locate**	
	Carrier Site Number:	CTHA332C
	Carrier Site Name:	HA332/WASTE STATION
Crown Castle Designation:	**Crown Castle BU Number:**	5800059
	Crown Castle Site Name:	Ridge Road, Madison
	Crown Castle JDE Job Number:	614505
	Crown Castle Work Order Number:	1860400
	Crown Castle Order Number:	524463 Rev. 1
Engineering Firm Designation:	**Crown Castle Project Number:**	1860400
Site Data:	**258 Ridge Road, MADISON, New Haven County, CT**	
	Latitude *41° 18' 33.3"*, Longitude *-72° 36' 51.57"*	
	150 Foot - Monopole Tower	

Dear Onnesta Gillis,

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

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

LC7: Proposed Equipment Configuration **Sufficient Capacity**

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

Structural analysis prepared by: Nicholas Cvetic, E.I.T.

Respectfully submitted by:

Terry P. Styran, P.E.
Senior Project Engineer

6/24/2020

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 150 ft monopole tower designed by Valmont.

2) ANALYSIS CRITERIA

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

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
148.0	150.0	3	ericsson	AIR 32 B2A/B66AA w/ Mount Pipe	16	1-5/8
		3	ericsson	AIR21 B4A B2P_T-MOBILE		
		3	ericsson	AIR6449 B41		
		3	ericsson	KRY 112 144/1		
		3	ericsson	RADIO 4449 B71 B85A_ T-MOBILE		
		3	ericsson	RRUS 4415 B25		
		3	rfs celwave	APXVAARR24_43-U-NA20_ T-MOBILE		
	148.0	1	site pro 1	HRK-12 Support Rail Kit		
		1	site pro 1	PRK-1245 Kicker Kit		
		1	tower mounts	Platform Mount [LP 303-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
148.0	159.0	1	dbspectra	DS4C06F36D-D	-	-
	150.0	1	tower mounts	Pipe Mount [PM 601-1]		
	148.0	1	tower mounts	Side Arm Mount [SO 102-3]		
141.0	141.0	3	ericsson	RRUS 11	-	-
		1	tower mounts	Side Arm Mount [SO 102-3]		
140.0	140.0	3	cci antennas	HPA-65R-BUU-H6 w/ Mount Pipe	12 2 1	1-5/8 7/16 3/8
		3	ericsson	RRUS 32 B2		
		12	powerwave technologies	7020.00		
		6	powerwave technologies	7770.00 w/ Mount Pipe		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		6	powerwave technologies	LGP21401		
		6	powerwave technologies	LGP21901		
		1	raycap	DC6-48-60-18-8F		
		1	tower mounts	Miscellaneous [NA 510-1]		
		1	tower mounts	Platform Mount [LP 304-1]		
130.0	132.0	3	alcatel lucent	RRH2X60-AWS	14	1-5/8
	130.0	3	alcatel lucent	RRH2X60-PCS		
		3	alcatel lucent	RRH2x60-700		
		6	commscope	SBNHH-1D65B w/ Mount Pipe		
		6	decibel	DB846F65ZAXY w/ Mount Pipe		
		2	rfs celwave	DB-T1-6Z-8AB-0Z		
		1	tower mounts	Platform Mount [LP 304-1]		
124.0	124.0	1	kathrein	800 10251 w/ Mount Pipe	1 2	7/8 11/32
		1	radiowaves	HP2-4.7NS		
		1	tower mounts	Side Arm Mount [SO 701-1]		
113.0	113.0	3	kathrein	800 10252 w/ Mount Pipe	3	7/8
		1	tower mounts	Side Arm Mount [SO 102-3]		
		1	tower mounts	T-Arm Mount [TA 702-1]		
105.0	105.0	1	rfi antennas	CSA40-67-DIN	-	-
		1	sinclair	SC323		
		1	tower mounts	Side Arm Mount [SO 102-3]		
		2	tower mounts	Side Arm Mount [SO 309-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Remarks	Reference	Source
4-GEOTECHNICAL REPORTS	ANS Consultants, Inc.	2354009	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	Valmont	2354010	CCISITES
4-TOWER MANUFACTURER DRAWINGS	Valmont	2354011	CCISITES

3.1) Analysis Method

tnxTower (version 8.0.5.0), 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 built and maintained in accordance with the manufacturer's specifications.
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. Crown Castle should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	150 - 110	Pole	TP39.633x28.4x0.25	1	-15.8604	1847.6954	29.1	Pass
L2	110 - 94.25	Pole	TP43.556x37.6587x0.2813	2	-19.9658	2288.2019	36.1	Pass
L3	94.25 - 46.25	Pole	TP56.472x41.449x0.375	3	-33.6914	3952.4728	39.2	Pass
L4	46.25 - 0	Pole	TP68.71x53.6862x0.4375	4	-56.6857	5823.3942	39.9	Pass
							Summary	
						Pole (L4)	39.9	Pass
						Rating =	39.9	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	32.8	Pass
1	Base Plate	0	29.0	Pass
1	Base Foundation Structure	0	42.5	Pass
1	Base Foundation Soil Interaction	0	30.7	Pass

Structure Rating (max from all components) =	**42.5%**

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

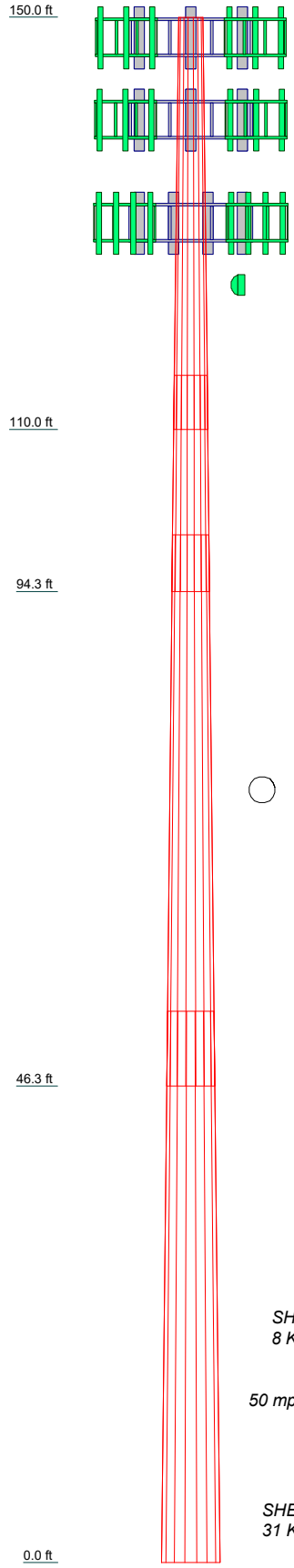
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	40.0000	18	0.2500	5.2500	28.4000	39.6330	A572-65	3.6
2	21.0000	18	0.2813	5.5000	37.6587	43.5560		2.6
3	53.5000	18	0.3750	7.2500	41.4490	56.4720		10.5
4	53.5000	18	0.4375		53.6862	68.7100		15.4



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in New Haven County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 130 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.0000 ft
8. TOWER RATING: 39.9%

ALL REACTIONS ARE FACTORED

AXIAL 88 K

SHEAR 8 K *MOMENT 863 kip-ft*

TORQUE 1 kip-ft
50 mph WIND - 1.5000 in ICE

AXIAL 57 K

SHEAR 31 K *MOMENT 3423 kip-ft*

TORQUE 3 kip-ft
REACTIONS - 130 mph WIND

CROWN CASTLE
The Pathway to Possible

Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
Phone: (724) 416-2000
FAX:

Job: ***BU# 5800059***			
Project:			
Client: Crown Castle	Drawn by: NCvetic		App'd:
Code: TIA-222-H	Date: 06/23/20		Scale: NTS
Path: R:\SA Models - Letters\Work Area\NCvetic\WIP\5800059 WO 1860400\Production\5800059.eri			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:

3) Tower is located in New Haven County, Connecticut.
4) Tower base elevation above sea level: 133.0000 ft.
5) Basic wind speed of 130 mph.
6) Risk Category II.
7) Exposure Category B.
8) Simplified Topographic Factor Procedure for wind speed-up calculations is used.
9) Topographic Category: 1.
10) Crest Height: 0.0000 ft.
11) Nominal ice thickness of 1.5000 in.
12) Ice thickness is considered to increase with height.
13) Ice density of 56.0000 pcf.
14) A wind speed of 50 mph is used in combination with ice.
15) Temperature drop of 50.0000 °F.
16) Deflections calculated using a wind speed of 60 mph.
17) A non-linear (P-delta) analysis was used.
18) Pressures are calculated at each section.
19) Stress ratio used in pole design is 1.05.
20) Tower analysis based on target reliabilities in accordance with Annex S.
21) Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
22) 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*	*Section Length*	*Splice Length*	*Number of Sides*	*Top Diameter*	*Bottom Diameter*	*Wall Thickness*	*Bend Radius*	*Pole Grade*
	ft	*ft*	*ft*		*in*	*in*	*in*	*in*	
L1	150.0000-110.0000	40.0000	5.2500	18	28.4000	39.6330	0.2500	1.0000	A572-65 (65 ksi)

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
L2	110.0000-94.2500	21.0000	5.5000	18	37.6587	43.5560	0.2813	1.1250	A572-65 (65 ksi)
L3	94.2500-46.2500	53.5000	7.2500	18	41.4490	56.4720	0.3750	1.5000	A572-65 (65 ksi)
L4	46.2500-0.0000	53.5000		18	53.6862	68.7100	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	28.7995	22.3370	2236.2460	9.9932	14.4272	155.0021	4475.4345	11.1706	4.5584	18.234
	40.2058	31.2504	6123.6557	13.9810	20.1336	304.1516	12255.3691	15.6282	6.5354	26.142
L2	39.6933	33.3664	5889.3155	13.2690	19.1306	307.8479	11786.3803	16.6863	6.1329	21.806
	44.1845	38.6308	9139.8824	15.3625	22.1264	413.0750	18291.7912	19.3191	7.1709	25.496
L3	43.5988	48.8883	10420.1842	14.5813	21.0561	494.8779	20854.0795	24.4488	6.6350	17.693
	57.2853	66.7695	26545.7225	19.9144	28.6878	925.3322	53126.3745	33.3911	9.2791	24.744
L4	56.5142	73.9424	26487.9694	18.9033	27.2726	971.2310	53010.7923	36.9782	8.6788	19.837
	69.7025	94.8049	55828.9999	24.2367	34.9047	1599.4703	111731.4611	47.4115	11.3230	25.881

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 150.0000-110.0000				1	1	1			
L2 110.0000-94.2500				1	1	1			
L3 94.2500-46.2500				1	1	1			
L4 46.2500-0.0000				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 3/8	C	No	No	CaAa (Out Of Face)	150.0000 - 0.0000	1	No Ice	0.0375	0.2200
							1/2" Ice	0.1375	0.7500

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	0.2375	1.2800
							2" Ice	0.4375	2.3400
5/8 rod/step	C	No	No	CaAa (Out Of Face)	150.0000 - 0.0000	1	No Ice	0.0200	0.2740
							1/2" Ice	0.1200	0.7016
							1" Ice	0.2200	1.7401
							2" Ice	0.4200	5.6496
**									
LCF158-50A(1-5/8)	C	No	No	Inside Pole	148.0000 - 0.0000	16	No Ice	0.0000	0.8000
							1/2" Ice	0.0000	0.8000
							1" Ice	0.0000	0.8000
							2" Ice	0.0000	0.8000
**									
AVA7-50(1-5/8)	C	No	No	Inside Pole	140.0000 - 0.0000	12	No Ice	0.0000	0.7000
							1/2" Ice	0.0000	0.7000
							1" Ice	0.0000	0.7000
							2" Ice	0.0000	0.7000
WR-VG122ST-BRDA(7/16)	C	No	No	Inside Pole	140.0000 - 0.0000	2	No Ice	0.0000	0.1410
							1/2" Ice	0.0000	0.1410
							1" Ice	0.0000	0.1410
							2" Ice	0.0000	0.1410
FB-L98B-002-75000(3/8)	C	No	No	Inside Pole	140.0000 - 0.0000	1	No Ice	0.0000	0.0586
							1/2" Ice	0.0000	0.0586
							1" Ice	0.0000	0.0586
							2" Ice	0.0000	0.0586
**									
AVA7-50(1-5/8)	C	No	No	Inside Pole	130.0000 - 0.0000	14	No Ice	0.0000	0.7000
							1/2" Ice	0.0000	0.7000
							1" Ice	0.0000	0.7000
							2" Ice	0.0000	0.7000
**									
LDF5-50A(7/8)	C	No	No	Inside Pole	124.0000 - 0.0000	1	No Ice	0.0000	0.3300
							1/2" Ice	0.0000	0.3300
							1" Ice	0.0000	0.3300
							2" Ice	0.0000	0.3300
7921A(11/32)	C	No	No	Inside Pole	124.0000 - 0.0000	2	No Ice	0.0000	0.5000
							1/2" Ice	0.0000	0.5000
							1" Ice	0.0000	0.5000
							2" Ice	0.0000	0.5000
**									
LDF5-50A(7/8)	C	No	No	Inside Pole	113.0000 - 0.0000	3	No Ice	0.0000	0.3300
							1/2" Ice	0.0000	0.3300
							1" Ice	0.0000	0.3300
							2" Ice	0.0000	0.3300
**									

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	150.0000-110.0000	A	0.000	0.000	0.000	0.000	0.0000
		B	0.000	0.000	0.000	0.000	0.0000
		C	0.000	0.000	0.000	2.300	0.9860
L2	110.0000-94.2500	A	0.000	0.000	0.000	0.000	0.0000
		B	0.000	0.000	0.000	0.000	0.0000
		C	0.000	0.000	0.000	0.906	0.5379
L3	94.2500-46.2500	A	0.000	0.000	0.000	0.000	0.0000
		B	0.000	0.000	0.000	0.000	0.0000
		C	0.000	0.000	0.000	2.760	1.6394
L4	46.2500-0.0000	A	0.000	0.000	0.000	0.000	0.0000
		B	0.000	0.000	0.000	0.000	0.0000
		C	0.000	0.000	0.000	2.659	1.5797

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	150.0000-110.0000	A	1.461	0.000	0.000	0.000	0.000	0.0000
		B		0.000	0.000	0.000	0.000	0.0000
		C		0.000	0.000	0.000	25.682	1.1787
L2	110.0000-94.2500	A	1.427	0.000	0.000	0.000	0.000	0.0000
		B		0.000	0.000	0.000	0.000	0.0000
		C		0.000	0.000	0.000	10.112	0.6138
L3	94.2500-46.2500	A	1.374	0.000	0.000	0.000	0.000	0.0000
		B		0.000	0.000	0.000	0.000	0.0000
		C		0.000	0.000	0.000	30.164	1.8626
L4	46.2500-0.0000	A	1.227	0.000	0.000	0.000	0.000	0.0000
		B		0.000	0.000	0.000	0.000	0.0000
		C		0.000	0.000	0.000	28.080	1.7825

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	150.0000-110.0000	-0.4532	0.2616	-2.3220	1.3406
L2	110.0000-94.2500	-0.4556	0.2631	-2.4176	1.3958
L3	94.2500-46.2500	-0.4576	0.2642	-2.4543	1.4170
L4	46.2500-0.0000	-0.4596	0.2653	-2.4618	1.4213

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
Lighting Rod 5/8" x 2'	C	From Leg	0.0000 0.0000 1.0000	0.0000	150.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.1250 0.2783 0.4098 0.7005	0.1250 0.2783 0.4098 0.7005	0.0100 0.0114 0.0143 0.0250
** DS4C06F36D-D	A	From Leg	4.0000 0.0000 11.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice	5.8200 7.7933 9.7833 13.8133	5.8200 7.7933 9.7833 13.8133	0.0500 0.0919 0.1461 0.2920

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			
Pipe Mount [PM 601-1]	A	From Leg	0.5000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.3200 1.5800 1.8400 2.4000	1.3200 1.5800 1.8400 2.4000	0.0650 0.0775 0.0930 0.1338
Side Arm Mount [SO 102-3]	C	None		0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	3.6000 4.1800 4.7500 5.9000	3.6000 4.1800 4.7500 5.9000	0.0750 0.1050 0.1350 0.1950
**									
APXVAARR24_43-U-NA20_T-MOBILE	A	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	14.6700 15.4300 16.2100 17.8100	5.3200 5.9900 6.6800 8.0800	0.1533 0.2659 0.3870 0.6556
APXVAARR24_43-U-NA20_T-MOBILE	B	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	14.6700 15.4300 16.2100 17.8100	5.3200 5.9900 6.6800 8.0800	0.1533 0.2659 0.3870 0.6556
APXVAARR24_43-U-NA20_T-MOBILE	C	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	14.6700 15.4300 16.2100 17.8100	5.3200 5.9900 6.6800 8.0800	0.1533 0.2659 0.3870 0.6556
AIR21 B4A B2P_T-MOBILE	A	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	6.1102 6.4810 6.8587 7.6353	4.3127 4.6670 5.0235 5.7574	0.1133 0.1552 0.2023 0.3126
AIR21 B4A B2P_T-MOBILE	B	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	6.1102 6.4810 6.8587 7.6353	4.3127 4.6670 5.0235 5.7574	0.1133 0.1552 0.2023 0.3126
AIR21 B4A B2P_T-MOBILE	C	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	6.1102 6.4810 6.8587 7.6353	4.3127 4.6670 5.0235 5.7574	0.1133 0.1552 0.2023 0.3126
AIR6449 B41	A	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	5.6822 5.9842 6.2936 6.9348	2.4907 2.7180 2.9523 3.4420	0.1040 0.1431 0.1865 0.2866
AIR6449 B41	B	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	5.6822 5.9842 6.2936 6.9348	2.4907 2.7180 2.9523 3.4420	0.1040 0.1431 0.1865 0.2866
AIR6449 B41	C	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	5.6822 5.9842 6.2936 6.9348	2.4907 2.7180 2.9523 3.4420	0.1040 0.1431 0.1865 0.2866
AIR 32 B2A/B66AA w/ Mount Pipe	A	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	6.7474 7.2017 7.6475 8.5651	6.0700 6.8671 7.5828 9.0629	0.1531 0.2140 0.2819 0.4414
AIR 32 B2A/B66AA w/ Mount Pipe	B	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice	6.7474 7.2017 7.6475	6.0700 6.8671 7.5828	0.1531 0.2140 0.2819

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
						1" Ice 2" Ice	8.5651	9.0629	0.4414
AIR 32 B2A/B66AA w/ Mount Pipe	C	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	6.7474 7.2017 7.6475 8.5651	6.0700 6.8671 7.5828 9.0629	0.1531 0.2140 0.2819 0.4414
RADIO 4449 B71 B85A_T-MOBILE	A	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.9701 2.1466 2.3306 2.7207	1.5865 1.7488 1.9185 2.2800	0.0732 0.0930 0.1156 0.1704
RADIO 4449 B71 B85A_T-MOBILE	B	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.9701 2.1466 2.3306 2.7207	1.5865 1.7488 1.9185 2.2800	0.0732 0.0930 0.1156 0.1704
RADIO 4449 B71 B85A_T-MOBILE	C	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.9701 2.1466 2.3306 2.7207	1.5865 1.7488 1.9185 2.2800	0.0732 0.0930 0.1156 0.1704
RRUS 4415 B25	A	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.6444 1.8044 1.9719 2.3292	0.6788 0.7911 0.9129 1.1834	0.0440 0.0564 0.0712 0.1087
RRUS 4415 B25	B	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.6444 1.8044 1.9719 2.3292	0.6788 0.7911 0.9129 1.1834	0.0440 0.0564 0.0712 0.1087
RRUS 4415 B25	C	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.6444 1.8044 1.9719 2.3292	0.6788 0.7911 0.9129 1.1834	0.0440 0.0564 0.0712 0.1087
KRY 112 144/1	A	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.3500 0.4259 0.5093 0.6981	0.1750 0.2343 0.3009 0.4565	0.0110 0.0142 0.0186 0.0319
KRY 112 144/1	B	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.3500 0.4259 0.5093 0.6981	0.1750 0.2343 0.3009 0.4565	0.0110 0.0142 0.0186 0.0319
KRY 112 144/1	C	From Leg	4.0000 0.0000 2.0000	0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.3500 0.4259 0.5093 0.6981	0.1750 0.2343 0.3009 0.4565	0.0110 0.0142 0.0186 0.0319
Platform Mount [LP 301-1_KCKR]	C	None		0.0000	148.0000	No Ice 1/2" Ice 1" Ice 2" Ice	35.0300 44.4600 53.7200 72.2900	35.0300 44.4600 53.7200 72.2900	1.8635 2.5158 3.3259 5.4239
**									
RRUS 11	A	From Leg	1.0000 0.0000 0.0000	0.0000	141.0000	No Ice 1/2" Ice 1" Ice 2" Ice	2.7845 2.9919 3.2066 3.6584	1.1872 1.3342 1.4897 1.8326	0.0500 0.0684 0.0923 0.1498
RRUS 11	B	From Leg	1.0000 0.0000	0.0000	141.0000	No Ice 1/2"	2.7845 2.9919	1.1872 1.3342	0.0500 0.0684

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
			0.0000			Ice	3.2066	1.4897	0.0923
						1" Ice	3.6584	1.8326	0.1498
						2" Ice			
RRUS 11	C	From Leg	1.0000	0.0000	141.0000	No Ice	2.7845	1.1872	0.0500
			0.0000			1/2"	2.9919	1.3342	0.0684
			0.0000			Ice	3.2066	1.4897	0.0923
						1" Ice	3.6584	1.8326	0.1498
						2" Ice			
Side Arm Mount [SO 102-3]	C	None		0.0000	141.0000	No Ice	3.6000	3.6000	0.0750
						1/2"	4.1800	4.1800	0.1050
						Ice	4.7500	4.7500	0.1350
						1" Ice	5.9000	5.9000	0.1950
						2" Ice			
(2) 4' x 2" Pipe Mount	A	From Leg	0.5000	0.0000	141.0000	No Ice	0.7852	0.7852	0.0300
			0.0000			1/2"	1.0284	1.0284	0.0353
			0.0000			Ice	1.2809	1.2809	0.0445
						1" Ice	1.8136	1.8136	0.0718
						2" Ice			
(2) 4' x 2" Pipe Mount	B	From Leg	0.5000	0.0000	141.0000	No Ice	0.7852	0.7852	0.0300
			0.0000			1/2"	1.0284	1.0284	0.0353
			0.0000			Ice	1.2809	1.2809	0.0445
						1" Ice	1.8136	1.8136	0.0718
						2" Ice			
(2) 4' x 2" Pipe Mount	C	From Leg	0.5000	0.0000	141.0000	No Ice	0.7852	0.7852	0.0300
			0.0000			1/2"	1.0284	1.0284	0.0353
			0.0000			Ice	1.2809	1.2809	0.0445
						1" Ice	1.8136	1.8136	0.0718
						2" Ice			
6' x 3" Horizontal Mount Pipe	A	From Leg	0.5000	0.0000	141.0000	No Ice	1.7700	0.0300	0.0441
			0.0000			1/2"	2.1300	0.0700	0.0571
			0.0000			Ice	2.5000	0.1300	0.0742
						1" Ice	3.2700	0.2900	0.1215
						2" Ice			
6' x 3" Horizontal Mount Pipe	B	From Leg	0.5000	0.0000	141.0000	No Ice	1.7700	0.0300	0.0441
			0.0000			1/2"	2.1300	0.0700	0.0571
			0.0000			Ice	2.5000	0.1300	0.0742
						1" Ice	3.2700	0.2900	0.1215
						2" Ice			
6' x 3" Horizontal Mount Pipe	C	From Leg	0.5000	0.0000	141.0000	No Ice	1.7700	0.0300	0.0441
			0.0000			1/2"	2.1300	0.0700	0.0571
			0.0000			Ice	2.5000	0.1300	0.0742
						1" Ice	3.2700	0.2900	0.1215
						2" Ice			
**									
HPA-65R-BUU-H6 w/ Mount Pipe	A	From Leg	4.0000	0.0000	140.0000	No Ice	9.2200	6.2500	0.0736
			0.0000			1/2"	9.9800	6.9600	0.1434
			0.0000			Ice	10.7600	7.7000	0.2242
						1" Ice	12.3600	9.2200	0.4201
						2" Ice			
HPA-65R-BUU-H6 w/ Mount Pipe	B	From Leg	4.0000	0.0000	140.0000	No Ice	9.2200	6.2500	0.0736
			0.0000			1/2"	9.9800	6.9600	0.1434
			0.0000			Ice	10.7600	7.7000	0.2242
						1" Ice	12.3600	9.2200	0.4201
						2" Ice			
HPA-65R-BUU-H6 w/ Mount Pipe	C	From Leg	4.0000	0.0000	140.0000	No Ice	9.2200	6.2500	0.0736
			0.0000			1/2"	9.9800	6.9600	0.1434
			0.0000			Ice	10.7600	7.7000	0.2242
						1" Ice	12.3600	9.2200	0.4201
						2" Ice			
(2) 7770.00 w/ Mount Pipe	A	From Leg	4.0000	0.0000	140.0000	No Ice	5.7460	4.2543	0.0600
			0.0000			1/2"	6.1791	5.0137	0.1028
			0.0000			Ice	6.6067	5.7109	0.1566
						1" Ice	7.4880	7.1553	0.2866
						2" Ice			
(2) 7770.00 w/ Mount Pipe	B	From Leg	4.0000	0.0000	140.0000	No Ice	5.7460	4.2543	0.0600

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
			0.0000 0.0000			1/2" Ice	6.1791 6.6067	5.0137 5.7109	0.1028 0.1566
						1" Ice 2" Ice	7.4880	7.1553	0.2866
(2) 7770.00 w/ Mount Pipe	C	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	5.7460 6.1791 6.6067 7.4880	4.2543 5.0137 5.7109 7.1553	0.0600 0.1028 0.1566 0.2866
(4) 7020.00	A	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.1021 0.1469 0.1991 0.3258	0.1750 0.2393 0.3109 0.4765	0.0022 0.0052 0.0093 0.0221
(4) 7020.00	B	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.1021 0.1469 0.1991 0.3258	0.1750 0.2393 0.3109 0.4765	0.0022 0.0052 0.0093 0.0221
(4) 7020.00	C	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.1021 0.1469 0.1991 0.3258	0.1750 0.2393 0.3109 0.4765	0.0022 0.0052 0.0093 0.0221
(2) LGP21901	A	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.2310 0.2941 0.3647 0.5280	0.1575 0.2129 0.2756 0.4234	0.0055 0.0079 0.0114 0.0224
(2) LGP21901	B	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.2310 0.2941 0.3647 0.5280	0.1575 0.2129 0.2756 0.4234	0.0055 0.0079 0.0114 0.0224
(2) LGP21901	C	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.2310 0.2941 0.3647 0.5280	0.1575 0.2129 0.2756 0.4234	0.0055 0.0079 0.0114 0.0224
RRUS 32 B2	A	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	2.7313 2.9531 3.1823 3.6628	1.6681 1.8552 2.0493 2.4585	0.0500 0.0740 0.0982 0.1571
RRUS 32 B2	B	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	2.7313 2.9531 3.1823 3.6628	1.6681 1.8552 2.0493 2.4585	0.0500 0.0740 0.0982 0.1571
RRUS 32 B2	C	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	2.7313 2.9531 3.1823 3.6628	1.6681 1.8552 2.0493 2.4585	0.0500 0.0740 0.0982 0.1571
(2) LGP21401	A	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.1040 1.2388 1.3810 1.6877	0.2070 0.2738 0.3475 0.5208	0.0100 0.0213 0.0303 0.0549
(2) LGP21401	B	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.1040 1.2388 1.3810 1.6877	0.2070 0.2738 0.3475 0.5208	0.0100 0.0213 0.0303 0.0549
(2) LGP21401	C	From Leg	4.0000	0.0000	140.0000	No Ice	1.1040	0.2070	0.0100

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
			0.0000 0.0000			1/2" Ice 1" Ice 2" Ice	1.2388 1.3810 1.6877	0.2738 0.3475 0.5208	0.0213 0.0303 0.0549
DC6-48-60-18-8F	A	From Leg	4.0000 0.0000 0.0000	0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.2117 1.8924 2.1051 2.5703	1.2117 1.8924 2.1051 2.5703	0.0200 0.0420 0.0668 0.1256
Platform Mount [LP 304-1]	C	None		0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	17.4900 21.3700 25.2800 33.1700	17.4900 21.3700 25.2800 33.1700	1.3490 1.7089 2.1311 3.1644
Miscellaneous [NA 510-1]	C	None		0.0000	140.0000	No Ice 1/2" Ice 1" Ice 2" Ice	6.3600 8.5200 10.6200 14.6400	6.3600 8.5200 10.6200 14.6400	0.2557 0.3438 0.4587 0.7690
**									
(2) DB846F65ZAXY w/ Mount Pipe	A	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	7.2708 7.8325 8.3480 9.4018	7.8208 9.0097 9.9124 11.7312	0.0500 0.1139 0.1892 0.3673
(2) DB846F65ZAXY w/ Mount Pipe	B	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	7.2708 7.8325 8.3480 9.4018	7.8208 9.0097 9.9124 11.7312	0.0500 0.1139 0.1892 0.3673
(2) DB846F65ZAXY w/ Mount Pipe	C	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	7.2708 7.8325 8.3480 9.4018	7.8208 9.0097 9.9124 11.7312	0.0500 0.1139 0.1892 0.3673
(2) SBNHH-1D65B w/ Mount Pipe	A	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.0900 4.4900 4.8900 5.7200	3.3000 3.6800 4.0700 4.8700	0.0665 0.1297 0.2037 0.3859
(2) SBNHH-1D65B w/ Mount Pipe	B	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.0900 4.4900 4.8900 5.7200	3.3000 3.6800 4.0700 4.8700	0.0665 0.1297 0.2037 0.3859
(2) SBNHH-1D65B w/ Mount Pipe	C	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.0900 4.4900 4.8900 5.7200	3.3000 3.6800 4.0700 4.8700	0.0665 0.1297 0.2037 0.3859
RRH2X60-AWS	A	From Leg	4.0000 0.0000 2.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	3.5002 3.7609 4.0285 4.5849	1.8157 2.0519 2.2894 2.7852	0.0600 0.0827 0.1091 0.1734
RRH2X60-AWS	B	From Leg	4.0000 0.0000 2.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	3.5002 3.7609 4.0285 4.5849	1.8157 2.0519 2.2894 2.7852	0.0600 0.0827 0.1091 0.1734
RRH2X60-AWS	C	From Leg	4.0000 0.0000 2.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	3.5002 3.7609 4.0285 4.5849	1.8157 2.0519 2.2894 2.7852	0.0600 0.0827 0.1091 0.1734

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
RRH2X60-PCS	A	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	2.2000 2.3926 2.5926 3.0148	1.7233 1.9015 2.0870 2.4804	0.0600 0.0754 0.0987 0.1552
RRH2X60-PCS	B	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	2.2000 2.3926 2.5926 3.0148	1.7233 1.9015 2.0870 2.4804	0.0600 0.0754 0.0987 0.1552
RRH2X60-PCS	C	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	2.2000 2.3926 2.5926 3.0148	1.7233 1.9015 2.0870 2.4804	0.0600 0.0754 0.0987 0.1552
RRH2x60-700	A	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	3.5002 3.7609 4.0285 4.5849	1.8157 2.0519 2.2894 2.7852	0.0600 0.0827 0.1091 0.1734
RRH2x60-700	B	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	3.5002 3.7609 4.0285 4.5849	1.8157 2.0519 2.2894 2.7852	0.0600 0.0827 0.1091 0.1734
RRH2x60-700	C	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	3.5002 3.7609 4.0285 4.5849	1.8157 2.0519 2.2894 2.7852	0.0600 0.0827 0.1091 0.1734
(2) DB-T1-6Z-8AB-0Z	C	From Leg	4.0000 0.0000 0.0000	0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.8000 5.0704 5.3481 5.9259	2.0000 2.1926 2.3926 2.8148	0.0400 0.0801 0.1202 0.2130
Platform Mount [LP 304-1]	C	None		0.0000	130.0000	No Ice 1/2" Ice 1" Ice 2" Ice	17.4900 21.3700 25.2800 33.1700	17.4900 21.3700 25.2800 33.1700	1.3490 1.7089 2.1311 3.1644
**									
800 10251 w/ Mount Pipe	B	From Leg	3.0000 0.0000 0.0000	0.0000	124.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.3564 4.7016 5.0560 5.7920	2.2557 2.7727 3.3064 4.4237	0.0400 0.0750 0.1137 0.2092
Side Arm Mount [SO 701-1]	B	From Leg	1.5000 0.0000 0.0000	0.0000	124.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.8500 1.1400 1.4300 2.0100	1.6700 2.3400 3.0100 4.3500	0.0650 0.0790 0.0930 0.1210
6' x 2" Mount Pipe	B	From Leg	1.5000 0.0000 0.0000	0.0000	124.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.4250 1.9250 2.2939 3.0596	1.4250 1.9250 2.2939 3.0596	0.0200 0.0328 0.0477 0.0903
**									
(3) 800 10252 w/ Mount Pipe	B	From Leg	3.0000 0.0000 0.0000	0.0000	113.0000	No Ice 1/2" Ice 1" Ice 2" Ice	6.5270 6.9161 7.3149 8.1411	3.6247 4.1379 4.6674 5.7750	0.0400 0.0942 0.1522 0.2882
T-Arm Mount [TA 702-1]	B	From Leg	1.5000 0.0000 0.0000	0.0000	113.0000	No Ice 1/2" Ice	2.3800 2.9000 3.4600	1.5800 1.9500 2.3600	0.1130 0.1439 0.1832

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice	4.7300	3.3700	0.2895
						2" Ice			
Side Arm Mount [SO 102-3]	B	None		0.0000	113.0000	No Ice	3.6000	3.6000	0.0750
						1/2" Ice	4.1800	4.1800	0.1050
						1" Ice	4.7500	4.7500	0.1350
						2" Ice	5.9000	5.9000	0.1950
**									
SC323	A	From Leg	1.0000 0.0000 0.0000	0.0000	105.0000	No Ice	1.1850	1.1850	0.0055
						1/2" Ice	1.8667	1.8667	0.0149
						1" Ice	2.3900	2.3900	0.0288
						2" Ice	3.2175	3.2175	0.0701
CSA40-67-DIN	B	From Leg	1.0000 0.0000 0.0000	0.0000	105.0000	No Ice	10.6000	10.6000	0.0750
						1/2" Ice	16.4406	16.4406	0.1970
						1" Ice	22.3731	22.3731	0.3733
						2" Ice	34.5136	34.5136	0.8938
Side Arm Mount [SO 309-1]	A	From Leg	1.0000 0.0000 0.0000	0.0000	105.0000	No Ice	1.2200	2.6300	0.0400
						1/2" Ice	1.8000	3.9300	0.0614
						1" Ice	2.4000	5.4700	0.0902
						2" Ice	3.7000	9.5600	0.1702
Side Arm Mount [SO 309-1]	B	From Leg	1.0000 0.0000 0.0000	0.0000	105.0000	No Ice	1.2200	2.6300	0.0400
						1/2" Ice	1.8000	3.9300	0.0614
						1" Ice	2.4000	5.4700	0.0902
						2" Ice	3.7000	9.5600	0.1702
Side Arm Mount [SO 102-3]	B	None		0.0000	105.0000	No Ice	3.6000	3.6000	0.0750
						1/2" Ice	4.1800	4.1800	0.1050
						1" Ice	4.7500	4.7500	0.1350
						2" Ice	5.9000	5.9000	0.1950
**									

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral ft Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft		Aperture Area ft^2	Weight K
HP2-4.7NS	B	Paraboloid w/Shroud (HP)	From Leg	3.0000 0.0000 0.0000	0.0000		124.0000	2.0417	No Ice	3.2740	0.0300
									1/2" Ice	3.5470	0.0500
									1" Ice	3.8190	0.0600
									2" Ice	4.3650	0.1000
**											

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

Comb. No.	Description
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum 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	150 - 110	Pole	Max Tension	8	0.0000	0.0000	-0.0001
			Max. Compression	26	-34.3866	0.3126	-0.0425
			Max. Mx	20	-15.8550	442.3888	-0.6092
			Max. My	14	-15.8718	0.3636	-440.0475
			Max. Vy	20	-18.4944	442.3888	-0.6092
			Max. Vx	2	-18.3003	-0.3511	440.0131
			Max. Torque	8			1.7909
L2	110 - 94.25	Pole	Max Tension	1	0.0000	0.0000	0.0000
			Max. Compression	26	-41.6250	-4.6938	-2.5872
			Max. Mx	8	-19.9658	-759.3577	-2.0738
			Max. My	14	-19.9893	-3.0141	-750.9744
			Max. Vy	20	-21.8571	757.5329	1.0751
			Max. Vx	2	-21.4237	1.2566	749.8830
			Max. Torque	15			3.6198
L3	94.25 -	Pole	Max Tension	1	0.0000	0.0000	0.0000

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
	46.25						
			Max. Compression	26	-59.7046	-4.2661	-2.8342
			Max. Mx	8	-33.6914	-1874.5552	-8.6585
			Max. My	14	-33.7044	-10.0613	-1847.5134
			Max. Vy	20	-26.4284	1874.5239	8.0978
			Max. Vx	2	-25.9959	9.9334	1846.7387
			Max. Torque	17			3.5948
L4	46.25 - 0	Pole	Max Tension	1	0.0000	0.0000	0.0000
			Max. Compression	26	-88.2775	-3.6810	-3.1720
			Max. Mx	20	-56.6857	3423.3942	16.1563
			Max. My	14	-56.6861	-18.0640	-3372.9426
			Max. Vy	20	-31.4159	3423.3942	16.1563
			Max. Vx	2	-30.9915	19.9476	3372.5272
			Max. Torque	17			3.4840

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	88.2775	-0.0000	-0.0000
	Max. H_x	20	56.6975	31.3947	0.1497
	Max. H_z	2	56.6975	0.1839	30.9707
	Max. M_x	2	3372.5272	0.1839	30.9707
	Max. M_z	8	3421.3175	-31.3581	-0.1385
	Max. Torsion	17	3.3780	15.5653	-26.7631
	Min. Vert	5	42.5231	-15.5931	26.7470
	Min. H_x	8	56.6975	-31.3581	-0.1385
	Min. H_z	14	56.6975	-0.1489	-30.9624
	Min. M_x	14	-3372.9426	-0.1489	-30.9624
	Min. M_z	20	-3423.3942	31.3947	0.1497
	Min. Torsion	5	-3.3771	-15.5931	26.7470

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	47.2479	0.0000	0.0000	0.5896	-1.0292	0.0000
1.2 Dead+1.0 Wind 0 deg - No Ice	56.6975	-0.1839	-30.9707	-3372.5272	19.9479	3.1268
0.9 Dead+1.0 Wind 0 deg - No Ice	42.5231	-0.1839	-30.9707	-3353.1268	20.1648	3.1335
1.2 Dead+1.0 Wind 30 deg - No Ice	56.6975	15.5931	-26.7470	-2912.2133	-1702.2333	3.3700
0.9 Dead+1.0 Wind 30 deg - No Ice	42.5231	15.5931	-26.7470	-2895.4791	-1692.0216	3.3771
1.2 Dead+1.0 Wind 60 deg - No Ice	56.6975	27.1176	-15.3523	-1670.8328	-2959.1968	2.5063
0.9 Dead+1.0 Wind 60 deg - No Ice	42.5231	27.1176	-15.3523	-1661.3040	-2941.6928	2.5118
1.2 Dead+1.0 Wind 90 deg - No Ice	56.6975	31.3581	0.1385	16.1985	-3421.3175	0.9960
0.9 Dead+1.0 Wind 90 deg - No Ice	42.5231	31.3581	0.1385	15.9311	-3401.1375	0.9983
1.2 Dead+1.0 Wind 120 deg - No Ice	56.6975	27.2147	15.5802	1697.5743	-2969.4099	-0.6924
0.9 Dead+1.0 Wind 120 deg	42.5231	27.2147	15.5802	1687.5407	-2951.8570	-0.6938

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
1.2 Dead+1.0 Wind 150 deg - No Ice	56.6975	15.7990	26.8587	2925.7381	-1724.7004	-2.1957
0.9 Dead+1.0 Wind 150 deg - No Ice	42.5231	15.7990	26.8587	2908.5682	-1714.3762	-2.2004
1.2 Dead+1.0 Wind 180 deg - No Ice	56.6975	0.1489	30.9624	3372.9426	-18.0636	-3.1998
0.9 Dead+1.0 Wind 180 deg - No Ice	42.5231	0.1489	30.9624	3353.1720	-17.6468	-3.2066
1.2 Dead+1.0 Wind 210 deg - No Ice	56.6975	-15.5653	26.7631	2915.7131	1696.1395	-3.3709
0.9 Dead+1.0 Wind 210 deg - No Ice	42.5231	-15.5653	26.7631	2898.5921	1686.6083	-3.3780
1.2 Dead+1.0 Wind 240 deg - No Ice	56.6975	-27.1423	15.3261	1668.9696	2959.7611	-2.4342
0.9 Dead+1.0 Wind 240 deg - No Ice	42.5231	-27.1423	15.3261	1659.0852	2942.9004	-2.4396
1.2 Dead+1.0 Wind 270 deg - No Ice	56.6975	-31.3947	-0.1497	-16.1564	3423.3942	-1.0068
0.9 Dead+1.0 Wind 270 deg - No Ice	42.5231	-31.3947	-0.1497	-16.2567	3403.8496	-1.0091
1.2 Dead+1.0 Wind 300 deg - No Ice	56.6975	-27.2461	-15.5983	-1698.3995	2970.8166	0.6933
0.9 Dead+1.0 Wind 300 deg - No Ice	42.5231	-27.2461	-15.5983	-1688.7299	2953.9024	0.6946
1.2 Dead+1.0 Wind 330 deg - No Ice	56.6975	-15.8270	-26.8848	-2927.5812	1725.6931	2.2074
0.9 Dead+1.0 Wind 330 deg - No Ice	42.5231	-15.8270	-26.8848	-2910.7695	1716.0086	2.2120
1.2 Dead+1.0 Ice+1.0 Temp	88.2775	0.0000	0.0000	3.1720	-3.6810	0.0001
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	88.2775	-0.0149	-8.0351	-848.9775	-2.0654	0.1640
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	88.2775	4.0484	-6.9544	-734.3189	-433.8537	0.4668
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	88.2775	7.0132	-4.0095	-421.9169	-748.6516	0.6069
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	88.2775	8.0956	0.0066	4.0009	-863.4564	0.5886
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	88.2775	7.0122	4.0187	429.4465	-748.3734	0.4285
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	88.2775	4.0535	6.9560	740.9765	-434.2668	0.1537
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	88.2775	0.0085	8.0336	855.3693	-4.8074	-0.1783
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	88.2775	-4.0433	6.9573	741.2908	425.4833	-0.4667
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	88.2775	-7.0178	4.0046	427.8817	741.5322	-0.5923
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	88.2775	-8.1024	-0.0086	2.3210	856.6218	-0.5894
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	88.2775	-7.0180	-4.0220	-423.2885	741.4125	-0.4283
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	88.2775	-4.0587	-6.9608	-735.0097	427.2273	-0.1525
Dead+Wind 0 deg - Service	47.2479	-0.0369	-6.2135	-673.7174	3.1792	0.6289
Dead+Wind 30 deg - Service	47.2479	3.1284	-5.3661	-581.6980	-341.0906	0.6785
Dead+Wind 60 deg - Service	47.2479	5.4405	-3.0801	-333.5431	-592.3641	0.5051
Dead+Wind 90 deg - Service	47.2479	6.2912	0.0278	3.7006	-684.7469	0.2009
Dead+Wind 120 deg - Service	47.2479	5.4600	3.1258	339.8145	-594.4085	-0.1397
Dead+Wind 150 deg - Service	47.2479	3.1697	5.3886	585.3271	-345.5847	-0.4427
Dead+Wind 180 deg - Service	47.2479	0.0299	6.2119	674.7228	-4.4217	-0.6447
Dead+Wind 210 deg - Service	47.2479	-3.1228	5.3694	583.3211	338.2536	-0.6785
Dead+Wind 240 deg - Service	47.2479	-5.4454	3.0748	334.0942	590.8592	-0.4893
Dead+Wind 270 deg -	47.2479	-6.2986	-0.0300	-2.7695	683.5453	-0.2020

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
Service						
Dead+Wind 300 deg - Service	47.2479	-5.4663	-3.1294	-339.0579	593.0725	0.1397
Dead+Wind 330 deg - Service	47.2479	-3.1753	-5.3938	-584.7743	344.1648	0.4439

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	0.0000	-47.2479	0.0000	0.0000	47.2479	0.0000	0.000%
2	-0.1839	-56.6975	-30.9707	0.1839	56.6975	30.9707	0.000%
3	-0.1839	-42.5231	-30.9707	0.1839	42.5231	30.9707	0.000%
4	15.5931	-56.6975	-26.7470	-15.5931	56.6975	26.7470	0.000%
5	15.5931	-42.5231	-26.7470	-15.5931	42.5231	26.7470	0.000%
6	27.1176	-56.6975	-15.3523	-27.1176	56.6975	15.3523	0.000%
7	27.1176	-42.5231	-15.3523	-27.1176	42.5231	15.3523	0.000%
8	31.3581	-56.6975	0.1385	-31.3581	56.6975	-0.1385	0.000%
9	31.3581	-42.5231	0.1385	-31.3581	42.5231	-0.1385	0.000%
10	27.2147	-56.6975	15.5802	-27.2147	56.6975	-15.5802	0.000%
11	27.2147	-42.5231	15.5802	-27.2147	42.5231	-15.5802	0.000%
12	15.7990	-56.6975	26.8587	-15.7990	56.6975	-26.8587	0.000%
13	15.7990	-42.5231	26.8587	-15.7990	42.5231	-26.8587	0.000%
14	0.1489	-56.6975	30.9624	-0.1489	56.6975	-30.9624	0.000%
15	0.1489	-42.5231	30.9624	-0.1489	42.5231	-30.9624	0.000%
16	-15.5653	-56.6975	26.7631	15.5653	56.6975	-26.7631	0.000%
17	-15.5653	-42.5231	26.7631	15.5653	42.5231	-26.7631	0.000%
18	-27.1423	-56.6975	15.3261	27.1423	56.6975	-15.3261	0.000%
19	-27.1423	-42.5231	15.3261	27.1423	42.5231	-15.3261	0.000%
20	-31.3947	-56.6975	-0.1497	31.3947	56.6975	0.1497	0.000%
21	-31.3947	-42.5231	-0.1497	31.3947	42.5231	0.1497	0.000%
22	-27.2461	-56.6975	-15.5983	27.2461	56.6975	15.5983	0.000%
23	-27.2461	-42.5231	-15.5983	27.2461	42.5231	15.5983	0.000%
24	-15.8270	-56.6975	-26.8848	15.8270	56.6975	26.8848	0.000%
25	-15.8270	-42.5231	-26.8848	15.8270	42.5231	26.8848	0.000%
26	0.0000	-88.2775	0.0000	-0.0000	88.2775	-0.0000	0.000%
27	-0.0149	-88.2775	-8.0351	0.0149	88.2775	8.0351	0.000%
28	4.0484	-88.2775	-6.9544	-4.0484	88.2775	6.9544	0.000%
29	7.0132	-88.2775	-4.0095	-7.0132	88.2775	4.0095	0.000%
30	8.0956	-88.2775	0.0066	-8.0956	88.2775	-0.0066	0.000%
31	7.0122	-88.2775	4.0187	-7.0122	88.2775	-4.0187	0.000%
32	4.0535	-88.2775	6.9560	-4.0535	88.2775	-6.9560	0.000%
33	0.0085	-88.2775	8.0336	-0.0085	88.2775	-8.0336	0.000%
34	-4.0433	-88.2775	6.9573	4.0433	88.2775	-6.9573	0.000%
35	-7.0178	-88.2775	4.0046	7.0178	88.2775	-4.0046	0.000%
36	-8.1024	-88.2775	-0.0086	8.1024	88.2775	0.0086	0.000%
37	-7.0180	-88.2775	-4.0220	7.0180	88.2775	4.0220	0.000%
38	-4.0587	-88.2775	-6.9608	4.0587	88.2775	6.9608	0.000%
39	-0.0369	-47.2479	-6.2135	0.0369	47.2479	6.2135	0.000%
40	3.1284	-47.2479	-5.3661	-3.1284	47.2479	5.3661	0.000%
41	5.4405	-47.2479	-3.0801	-5.4405	47.2479	3.0801	0.000%
42	6.2912	-47.2479	0.0278	-6.2912	47.2479	-0.0278	0.000%
43	5.4600	-47.2479	3.1258	-5.4600	47.2479	-3.1258	0.000%
44	3.1697	-47.2479	5.3886	-3.1697	47.2479	-5.3886	0.000%
45	0.0299	-47.2479	6.2119	-0.0299	47.2479	-6.2119	0.000%
46	-3.1228	-47.2479	5.3694	3.1228	47.2479	-5.3694	0.000%
47	-5.4454	-47.2479	3.0748	5.4454	47.2479	-3.0748	0.000%
48	-6.2986	-47.2479	-0.0300	6.2986	47.2479	0.0300	0.000%
49	-5.4663	-47.2479	-3.1294	5.4663	47.2479	3.1294	0.000%
50	-3.1753	-47.2479	-5.3938	3.1753	47.2479	5.3938	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	0.00052253
3	Yes	4	0.00000001	0.00034492
4	Yes	5	0.00000001	0.00009780
5	Yes	5	0.00000001	0.00004679
6	Yes	5	0.00000001	0.00008316
7	Yes	5	0.00000001	0.00003938
8	Yes	4	0.00000001	0.00019192
9	Yes	4	0.00000001	0.00011970
10	Yes	5	0.00000001	0.00008770
11	Yes	5	0.00000001	0.00004153
12	Yes	5	0.00000001	0.00009655
13	Yes	5	0.00000001	0.00004604
14	Yes	4	0.00000001	0.00060884
15	Yes	4	0.00000001	0.00040182
16	Yes	5	0.00000001	0.00008134
17	Yes	5	0.00000001	0.00003855
18	Yes	5	0.00000001	0.00009464
19	Yes	5	0.00000001	0.00004516
20	Yes	4	0.00000001	0.00014531
21	Yes	4	0.00000001	0.00008689
22	Yes	5	0.00000001	0.00009262
23	Yes	5	0.00000001	0.00004405
24	Yes	5	0.00000001	0.00008462
25	Yes	5	0.00000001	0.00004009
26	Yes	4	0.00000001	0.00001310
27	Yes	5	0.00000001	0.00008202
28	Yes	5	0.00000001	0.00008929
29	Yes	5	0.00000001	0.00008950
30	Yes	5	0.00000001	0.00008394
31	Yes	5	0.00000001	0.00009039
32	Yes	5	0.00000001	0.00009014
33	Yes	5	0.00000001	0.00008304
34	Yes	5	0.00000001	0.00008866
35	Yes	5	0.00000001	0.00008900
36	Yes	5	0.00000001	0.00008240
37	Yes	5	0.00000001	0.00008807
38	Yes	5	0.00000001	0.00008777
39	Yes	4	0.00000001	0.00002873
40	Yes	4	0.00000001	0.00005357
41	Yes	4	0.00000001	0.00003906
42	Yes	4	0.00000001	0.00001834
43	Yes	4	0.00000001	0.00004018
44	Yes	4	0.00000001	0.00005017
45	Yes	4	0.00000001	0.00002979
46	Yes	4	0.00000001	0.00004033
47	Yes	4	0.00000001	0.00004866
48	Yes	4	0.00000001	0.00001810
49	Yes	4	0.00000001	0.00004421
50	Yes	4	0.00000001	0.00003955

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 110	8.9559	42	0.5299	0.0014
L2	115.25 - 94.25	5.2936	42	0.4485	0.0014
L3	99.75 - 46.25	3.9244	42	0.3849	0.0010
L4	53.5 - 0	1.0941	42	0.1883	0.0003

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
150.0000	Lighting Rod 5/8" x 2'	42	8.9559	0.5299	0.0014	93342
148.0000	DS4C06F36D-D	42	8.7349	0.5264	0.0014	93342
141.0000	RRUS 11	42	7.9640	0.5139	0.0014	51857
140.0000	HPA-65R-BUU-H6 w/ Mount Pipe	42	7.8546	0.5120	0.0014	46671
130.0000	(2) DB846F65ZAXY w/ Mount Pipe	42	6.7790	0.4912	0.0015	23335
124.0000	HP2-4.7NS	42	6.1566	0.4760	0.0015	17950
113.0000	(3) 800 10252 w/ Mount Pipe	42	5.0820	0.4403	0.0014	13675
105.0000	SC323	42	4.3652	0.4077	0.0012	14226

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 110	44.7356	8	2.6478	0.0070
L2	115.25 - 94.25	26.4447	20	2.2398	0.0069
L3	99.75 - 46.25	19.6113	20	1.9226	0.0052
L4	53.5 - 0	5.4702	20	0.9412	0.0016

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
150.0000	Lighting Rod 5/8" x 2'	8	44.7356	2.6478	0.0073	18732
148.0000	DS4C06F36D-D	8	43.6313	2.6303	0.0072	18732
141.0000	RRUS 11	8	39.7811	2.5674	0.0071	10406
140.0000	HPA-65R-BUU-H6 w/ Mount Pipe	8	39.2347	2.5580	0.0071	9366
130.0000	(2) DB846F65ZAXY w/ Mount Pipe	8	33.8623	2.4531	0.0074	4682
124.0000	HP2-4.7NS	8	30.7540	2.3769	0.0073	3601
113.0000	(3) 800 10252 w/ Mount Pipe	20	25.3884	2.1986	0.0068	2741
105.0000	SC323	20	21.8116	2.0364	0.0059	2858

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	150 - 110 (1)	TP39.633x28.4x0.25	40.0000	0.0000	0.0	30.0805	-15.8604	1759.7100	0.009
L2	110 - 94.25 (2)	TP43.556x37.6587x0.2813	21.0000	0.0000	0.0	37.2520	-19.9658	2179.2400	0.009
L3	94.25 - 46.25 (3)	TP56.472x41.449x0.375	53.5000	0.0000	0.0	64.3463	-33.6914	3764.2600	0.009

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L4	46.25 - 0 (4)	TP68.71x53.6862x0.4375	53.5000	0.0000	0.0	94.8049	-56.6857	5546.0900	0.010

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	150 - 110 (1)	TP39.633x28.4x0.25	442.4267	1496.8500	0.296	0.0000	1496.8500	0.000
L2	110 - 94.25 (2)	TP43.556x37.6587x0.2813	759.3608	2059.7333	0.369	0.0000	2059.7333	0.000
L3	94.25 - 46.25 (3)	TP56.472x41.449x0.375	1874.5750	4664.4083	0.402	0.0000	4664.4083	0.000
L4	46.25 - 0 (4)	TP68.71x53.6862x0.4375	3423.4333	8388.2500	0.408	0.0000	8388.2500	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	150 - 110 (1)	TP39.633x28.4x0.25	18.4501	527.9130	0.035	0.4998	1752.5917	0.000
L2	110 - 94.25 (2)	TP43.556x37.6587x0.2813	21.8211	653.7730	0.033	0.7715	2389.2250	0.000
L3	94.25 - 46.25 (3)	TP56.472x41.449x0.375	26.3920	1129.2800	0.023	0.8739	5346.4583	0.000
L4	46.25 - 0 (4)	TP68.71x53.6862x0.4375	31.4162	1663.8300	0.019	1.0068	9947.9167	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	150 - 110 (1)	0.009	0.296	0.000	0.035	0.000	0.306	1.050	4.8.2
L2	110 - 94.25 (2)	0.009	0.369	0.000	0.033	0.000	0.379	1.050	4.8.2
L3	94.25 - 46.25 (3)	0.009	0.402	0.000	0.023	0.000	0.411	1.050	4.8.2
L4	46.25 - 0 (4)	0.010	0.408	0.000	0.019	0.000	0.419	1.050	4.8.2

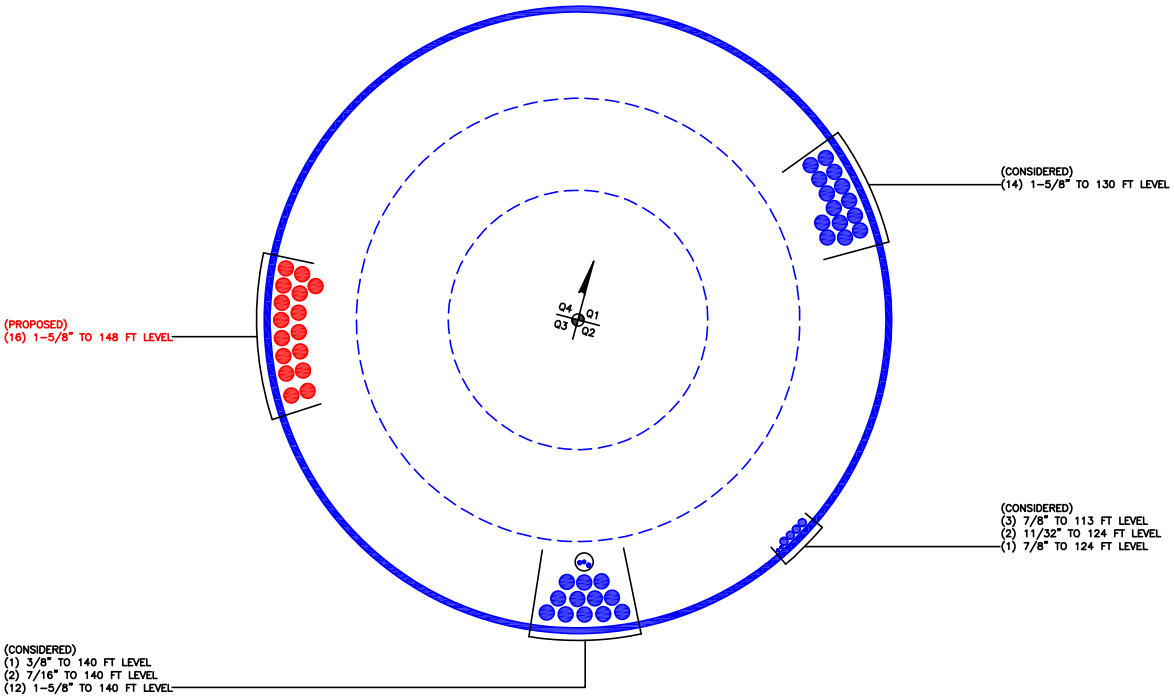
Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	150 - 110	Pole	TP39.633x28.4x0.25	1	-15.8604	1847.6954	29.1	Pass
L2	110 - 94.25	Pole	TP43.556x37.6587x0.2813	2	-19.9658	2288.2019	36.1	Pass
L3	94.25 - 46.25	Pole	TP56.472x41.449x0.375	3	-33.6914	3952.4728	39.2	Pass
L4	46.25 - 0	Pole	TP68.71x53.6862x0.4375	4	-56.6857	5823.3942	39.9	Pass
							Summary	

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	$øP_{allow}$ K	% Capacity	Pass Fail
						Pole (L4)	39.9	Pass
						RATING =	**39.9**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(CONSIDERED)
(14) 1-5/8" TO 130 FT LEVEL
(PROPOSED)
(16) 1-5/8" TO 148 FT LEVEL
Q4
Q1
Q3
Q2
(CONSIDERED)
(3) 7/8" TO 113 FT LEVEL
(2) 11/32" TO 124 FT LEVEL
(1) 7/8" TO 124 FT LEVEL
(CONSIDERED)
(1) 3/8" TO 140 FT LEVEL
(2) 7/16" TO 140 FT LEVEL
(12) 1-5/8" TO 140 FT LEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

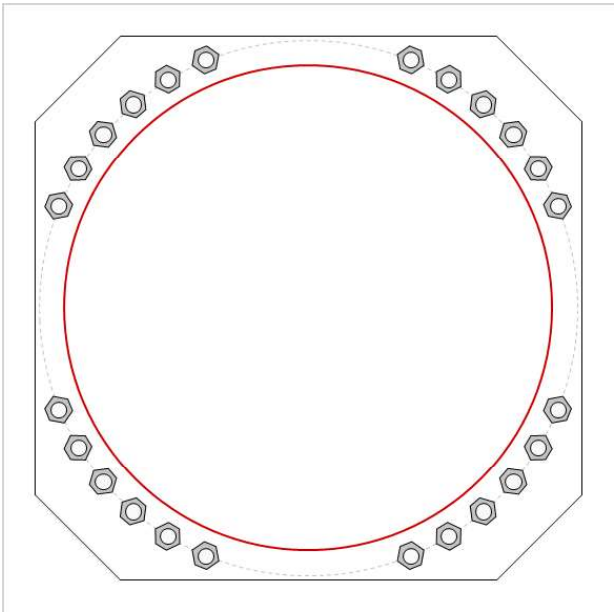
Monopole Base Plate Connection

Site Info	
BU #	5800059
Site Name	Ridge Road, Madison
Order #	524463 Rev. 1

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	2.25

Applied Loads	
Moment (kip-ft)	3423.43
Axial Force (kips)	56.69
Shear Force (kips)	31.42

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(24) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 76" BC

Anchor Spacing: 6 in

Base Plate Data

77" OD x 3" Plate (A572-50; Fy=50 ksi, Fu=65 ksi)

Stiffener Data

N/A

Pole Data

68.71" 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 = 92.42	ϕPn_c = 268.39	**Stress Rating**
Vu = 1.31	ϕVn = 120.77	**32.8%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	13.68	(Flexural)
Allowable Stress (ksi):	45	
Stress Rating:	**29.0%**	**Pass**

Drilled Pier Foundation

BU # :	5800059
Site Name:	Ridge Road, Madison
Order Number:	524463 Rev. 1

TIA-222 Revison:	H
Tower Type:	Monopole

Applied Loads

	Comp.	Uplift
Moment (kip-ft)	3423	
Axial Force (kips)	57	
Shear Force (kips)	31	

Material Properties

Concrete Strength, f'c:	4	ksi
Rebar Strength, Fy:	60	ksi

Pier Design Data

Depth	39	ft
Ext. Above Grade	0.5	ft
Pier Section 1		
From 0.5' above grade to 39' below grade		
Pier Diameter	8	ft
Rebar Quantity	28	
Rebar Size	11	
Clear Cover to Ties	3	in
Tie Size	5	

Rebar & Pier Options

Embedded Pole Inputs

Belled Pier Inputs

Analysis Results

Soil Lateral Check	*Compression*	*Uplift*
$D_{v=0}$ (ft from TOC)	10.76	-
Soil Safety Factor	6.25	-
Max Moment (kip-ft)	3708.73	-
Rating*	*20.3%*	-
Soil Vertical Check	*Compression*	*Uplift*
Skin Friction (kips)	649.44	-
End Bearing (kips)	226.19	-
Weight of Concrete (kips)	225.65	-
Total Capacity (kips)	875.63	-
Axial (kips)	282.65	-
Rating*	*30.7%*	-
Reinforced Concrete Check	*Compression*	*Uplift*
Critical Depth (ft from TOC)	10.35	-
Critical Moment (kip-ft)	3708.15	-
Critical Moment Capacity	8302.44	-
Rating*	*42.5%*	-

Soil Interaction Rating*	**30.7%**
Structural Foundation Rating*	**42.5%**

*Rating per TIA-222-H Section 15.5

Check Limitation

Apply TIA-222-H Section 15.5:	☑
N/A	☐

Soil Profile

Groundwater Depth	7	# of Layers	4

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	4	4	65	150	0	0	0.000	0.000					Cohesionless
2	4	12	8	65	87.6	0.1	22	0.270	0.270					Silty
3	12	20	8	42.6	87.6	0.4	27	0.912	0.912				70	Cohesionless
4	20	39	19	62.6	87.6	0.2	31	1.315	1.315			6	85	Cohesionless

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-10	**Elevation:**	132.55 ft (NAVD 88)
Risk Category:	II	**Latitude:**	41.30925
Soil Class:	D - Stiff Soil	**Longitude:**	-72.614325

Ice

Results:

Ice Thickness:	0.75 in.
Concurrent Temperature:	15 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Tue Jun 23 2020

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.

BU:	5800059	Structure:	A
WO:	1860400		
Order:	524463	Rev:	1

Location

	Decimal Degrees		Deg	Min	Sec
Lat:	41.309250	+	41	18	33.30
Long:	-72.614325	-	72	36	51.57

Code and Site Parameters

Seismic Design Code:	ASCE 7-10	
Site Soil:	D	Stiff Soil (Default)
Risk Category:	II	

USGS Seismic Reference			
	S_S:	0.1730	g
	S_1:	0.0600	g
	T_L:	6	s

Seismic Design Category Determination

Importance Factor, I_e:	1	
Acceleration-based site coefficient, F_a:	1.6000	
Velocity-based site coefficient, F_v:	2.4000	
Design spectral response acceleration short period, S_{DS}:	0.1845	g
Design spectral response acceleration 1 s period, S_{D1}:	0.0960	g
Seismic Design Category Based on S_{DS}:	B	
Seismic Design Category Based on S_{D1}:	B	
Seismic Design Category Based on S_1:	N/A	
Controlling Seismic Design Category:	B	

Exhibit E

Mount Analysis

Date: **June 19, 2020**

Darcy Tarr
Crown Castle
3530 Toringdon Way, Suite 300
Charlotte, NC 28277
704-405-6589

POD Group
1033 E Turkeyfoot Lake Rd. Suite 206
Akron, OH 44312
(330) 961.7432
mhoudeshell@podgrp.com

Subject:	**Mount Modification Analysis Report**	
Carrier Designation:	**T-Mobile**	
	Carrier Site Number:	**CTHA332C**
	Carrier Site Name:	**HA332/WASTE STATION**
Crown Castle Designation:	**Crown Castle BU Number:**	**5800059**
	Crown Castle Site Name:	**Ridge Road, Madison**
	Crown Castle JDE Job Number:	**614505**
	Crown Castle Order Number:	**524463 Rev. 1**
Engineering Firm Designation:	**POD Report Designation:**	**20-65647**
Site Data:	**258 Ridge Road, Madison, New Haven County, CT 06433 Latitude 41° 18' 33.30"Longitude -72° 36' 51.57"**	
Structure Information:	**Tower Height & Type:**	**150 ft Monopole**
	Mount Elevation:	**148 ft**
	Mount Type:	**12.5ft Low Profile Platform**

Dear Darcy Tarr,

POD Group is pleased to submit this "Mount Modification Analysis Report" to determine the structural integrity of T-Mobile's antenna mounting system with the proposed appurtenance and equipment addition on the abovementioned supporting tower structure. Analysis of the existing supporting tower structure is to be completed by others and therefore is not part of this analysis. Analysis of the antenna mounting system as a tie-off point for fall protection or rigging is not part of this document.

The purpose of the analysis is to determine acceptability of the mount stress level. Based on our analysis we have determined the mount stress level to be:

12.5 ft Low Profile Platform **Sufficient**

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

Mount structural analysis prepared by: Dario Pelemis

Respectfully submitted by:

6/19/2020

STATE OF CONNECTICUT
JASON CHERONIS
PEN.0032793
LICENSED
PROFESSIONAL ENGINEER

Jason Cheronis, P.E.
Connecticut PE #: PEN.0032793

TABLE OF CONTENTS

1) INTRODUCTION

This mount is a existing 12.5 ft Low Profile Platform. This mount is installed at the 148 ft elevation on 150 ft Monopole.

2) ANALYSIS CRITERIA

Building Code:	2018 Connecticut Building Code
TIA-222 Revision:	TIA-222-H
Risk Category:	II
Ultimate Wind Speed:	130 mph
Exposure Category:	B
Topographic Factor at Base:	1.000
Topographic Factor at Mount:	1.000
Ice Thickness:	1 in
Wind Speed with Ice:	50 mph
Seismic S_s:	0.172
Seismic S_1:	0.060
Live Loading Wind Speed:	30 mph
Man Live Load at Mid/End-Points:	250 lb
Man Live Load at Mount Pipes:	500 lb

Table 1 - Final Equipment Configuration

Mount Centerline (ft)	Antenna Centerline (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Mount / Modification Details	Note
148	150	3	Ericsson	AIR 32 B2A/B66AA	12.5 ft Low Profile Platform	-
		3	Ericsson	AIR21 B4A B2P_T-MOBILE		
		3	Ericsson	AIR6449 B41		
		3	RFS/CELWAVE	APXVAARR24_43-U-NA20_T-MOBILE		
		3	Ericsson	KRY 112 144/1		
		3	Ericsson	RADIO 4449 B71 B85A_T-MOBILE		
		3	Ericsson	RRUS 4415 B25		

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Reference	Source
Application	-	Crown Castle Order ID: 524463 Rev.1 Dated: 06/09/2020	Crown Castle
Elevation Drawings	-	Crown Castle Sheet #: A1-148 Dated: 06/10/2020	Crown Castle
Structural Analysis	-	Crown Castle Project #: 1555373 Dated: 04/12/2018	Crown Castle
RFDS	-	T-Mobile Site ID: CTHA332C Dated: 05/19/2020	Crown Castle
Modification Drawings	-	POD Group Project #: 20-65647 Dated: 06/19/2020	POD Group
Manufacture Specification	-	SitePro1 Part #: HRK12 Dated: 07/14/2014	SitePro1
Manufacture Specification	-	SitePro1 Part #: PRK - 1245 Dated: 04/10/2014	SitePro1

3.1) Analysis Method

RISA-3D (Version 17.0.4), a commercially available analysis software package, was used to create a three-dimensional model of the antenna mounting system and calculate member stresses for various loading cases. Selected output from the analysis are included in the Appendices.

A tool internally developed, using Microsoft Excel, by POD Group, was used to calculate wind loading on all appurtenances, dishes, and mount members for various load cases. Selected output from the calculations is included in Appendix B.

This analysis was performed in accordance with Crown Castle's ENG-SOW-10208 Tower Mount Analysis (Revision B).

3.2) Assumptions

1) The antenna mounting system was properly fabricated, installed, and maintained in good condition in accordance with its original design, TIA Standards, and/or manufacturer's specifications.
2) The configuration of antennas, mounts, and other appurtenances are as specified in Table 1 and the referenced drawings.
3) 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.
4) The weight of the mount was increased 10% in the analysis to account for connections, coax, and jumpers.
5) Member sizes have been assumed from photos of the site and experience with similar mounting systems. If the sizes assumed in this report differ from the actual member sizes, POD Group shall be contacted immediately, and the results of the analysis shall be considered null and void.
6) The analysis will be required to be revised if the existing conditions in the field differ from those shown in the above-referenced documents or assumed in this analysis. No allowance was made for any damaged, missing, or rusted members.
7) Additional mount pipe added to accommodate loading.
8) Steel grades have been assumed as follows, unless noted otherwise:
    a. Angle, Plate — ASTM A36 (GR 36)
    b. HSS (Rectangular) — ASTM 500 (GR B-46)
    c. Pipe — ASTM A53 (GR 35)
    d. Connection Bolts — ASTM A325

If any of these assumptions are not valid or have been made in error, this analysis may be affected, and POD Group should be allowed to review any new information to determine its effect on the structural integrity of the mount.

4) ANALYSIS RESULTS

Table 3 - Mount Component Stresses vs. Capacity (12.5 ft Low Profile Platform)

Notes	Component	Critical Member	Centerline (ft)	% Capacity	Pass / Fail
	Grating Support	SUP3A	148	33.7	Pass
	Standoff	SO1	148	17.8	Pass
	Corner	PLATECORNER2C	148	70.6	Fail
	Plate	PLATE12	148	57.0	Pass
	Mount Pipe	MP GAMMA2	148	46.7	Pass
	Face	FACE3	148	15.8	Pass
	Corner	CR2B	148	51.9	Pass
	Angle	ANGLE2	148	33.4	Pass
	Rail	RAIL3	148	27.6	Pass
1	Flange Plate	-	-	30.6	Pass
	Flange Bolts	-	-	4.0	Pass

Structure Rating (max from all components) =	**70.6%**

Notes:
1) See additional documentation in "Appendix D – Additional Calculations" for calculations supporting the % capacity

4.1) Recommendations

The mount has sufficient capacity to carry the proposed loading configuration. In order for the results of the analysis to be considered valid, the structural modifications listed below must be completed.

1. Installation of Support rail kit, SitePro1, P/N: HRK-12
2. Installation of Kicker kit, SitePro1, P/N: PRK-1245

Engineering detail drawings have been provided in Appendix F – Mount Modification Design Drawings. Connection from the mount to the tower and local stresses on the tower are sufficient.

5) DISCLAIMER OF WARRANTIES

POD Group has not performed a site visit to the structure to verify the member sizes or antenna/coax loading unless noted otherwise. If the existing conditions are not as represented in this report, we should be contacted immediately to evaluate the significance of the discrepancy. This is not a condition assessment of the structure or foundation. This report does not replace a full structure inspection. The structure, foundations, and mounting systems are assumed to have been properly fabricated, erected, maintained, in good condition, twist free, and plumb.

The engineering services rendered by POD Group in connection with this Structural Analysis are limited to a computer analysis of the structure and theoretical capacity of its main structural members. No allowance was made for any damaged, bent, missing, loose, or rusted members (above and below ground). No allowance was made for loose bolts or cracked welds.

POD Group does not analyze the fabrication of the structure (including welding). It is not possible to have all the very detailed information needed to perform a thorough analysis of every structural sub-component and connection of an existing structure. POD Group provides a limited scope of service in that we cannot verify the adequacy of every weld, plate connection detail, etc. The purpose of this report is to assess the feasibility of adding appurtenances usually accompanied by transmission lines to the structure.

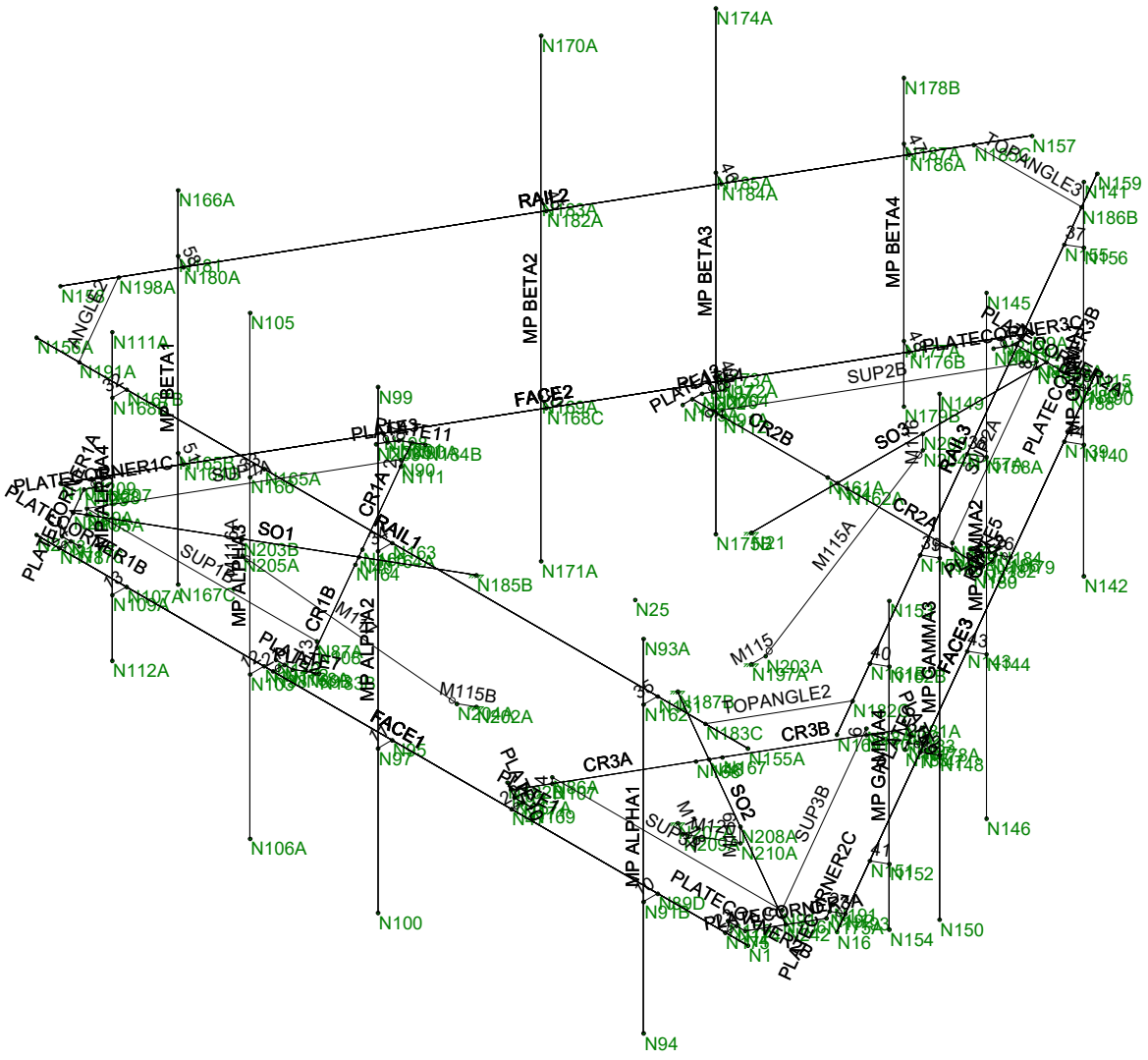
It is the owner's responsibility to determine the amount of ice accumulation in excess of the code specified amount, if any, that should be considered in the structural analysis.

The attached sketches are a schematic representation of the analyzed structure. If any material is fabricated from these sketches, the contractor shall be responsible for field verifying the existing conditions, proper fit, and clearance in the field. Any mentions of structural modifications are reasonable estimates and should not be used as a precise construction document. Precise modification drawings are obtainable from POD Group, but are beyond the scope of this report.

POD Group makes no warranties, expressed and/or implied, in connection with this report and disclaims any liability arising from material, fabrication, and erection of this structure. POD Group will not be responsible whatsoever, for or on account of, consequential or incidental damages sustained by any person, firm, or organization as a result of any data or conclusions contained in this report. The maximum liability of POD Group pursuant to this report will be limited to the total fee received for preparation of this report.

APPENDIX A

Wire Frame and Rendered Models



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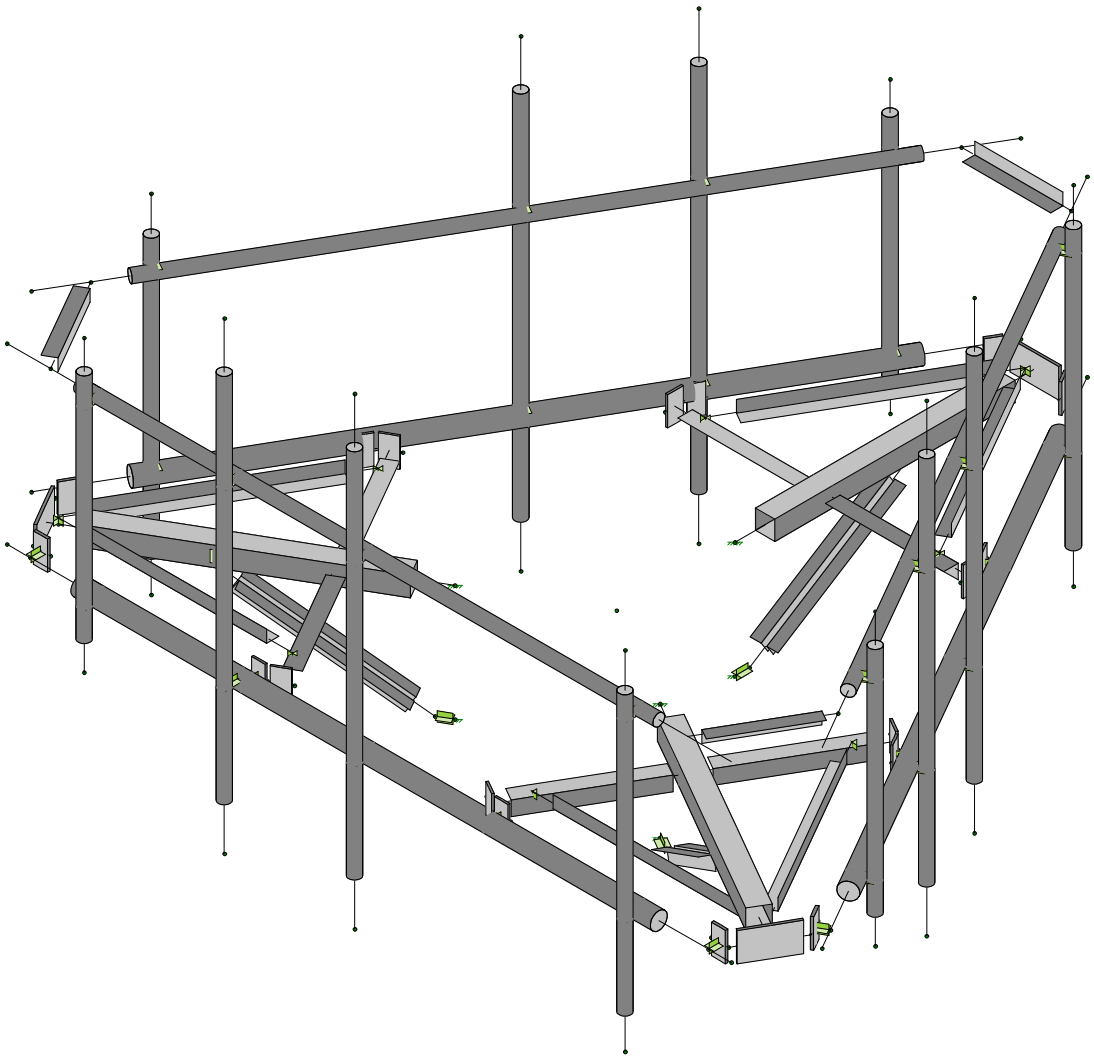

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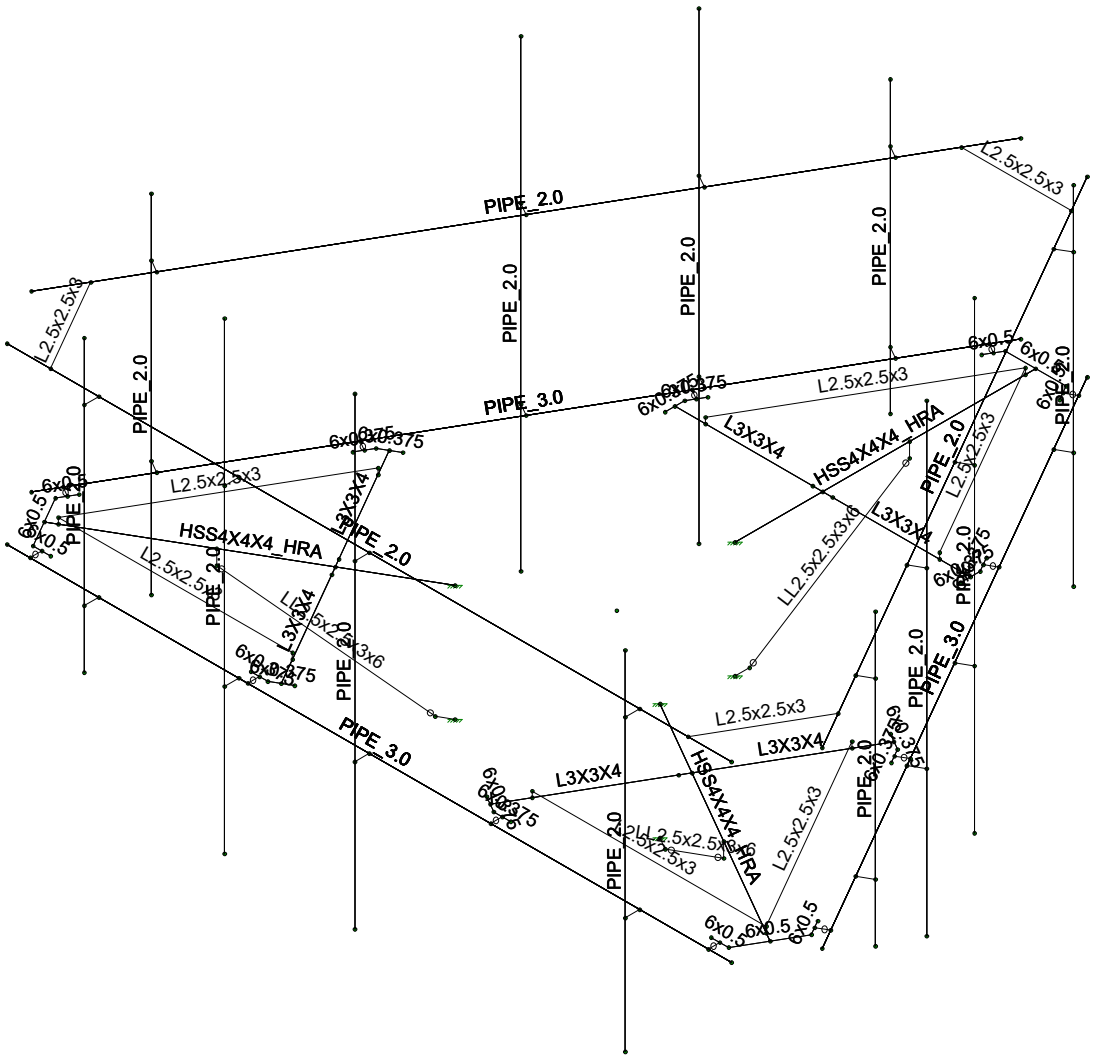

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APPENDIX B

Software Input Calculations

POD Job #	**20-65183**
Site Number	**5800059**
Site Name	**HA332/WASTE STATION**

General Site Information

Mount Type	SFP	Risk Category	II	I (seismic)	1	
V (Wind Speed)	130	I(ice)	1	Sms	0.275	
Z_s	132			Sm1	0.144	
ti	1	Ss	0.172	Sds	0.183	
Vi	50	S1	0.06	Sd1	0.096	
Kzt	1	Soil Site Class	D (assumed)	Seismic Design Category		
Exposure	B	Fa	1.600		B	
zg	1200	Fv	2.400	Seismic Analysis Not Required		
α	7			R	2	TIA-222-H 16.7
Kmin	0.7	Tower Type	Monopole	As	1	TIA-222-H 16.7
G_H	1	Tower Height	150	Cs, Min	0.03	TIA-222-H 2.7.7.1.1
Ke	1.00			Cs	0.091733333	TIA-222-H 2.7.7.1.1
K_D	0.95					
K_a	0.9					

Appurtenance Information

Model	Shielded	% Shielded	Centerline	Centerline on MP	Spacing (in)	Azimuth	Sector	Quantity		MP #
AIR 32 B2A/B66AA	No		150	3	40		A/B/C	1	4	
AIR21 B4A B2P_T-MOBILE	No		150	3	40		A/B/C	1	1	
AIR6449 B41	No		150	4	20		A/B/C	1	3	
APXVAARR24_43-U-NA20_T	No		150	4	70		A/B/C	1	2	
KRY 112 144/1	No		150	3			A/B/C	1	1	
RADIO 4449 B71 B85A_T-M	No		150	4			A/B/C	1	2	
RRUS 4415 B25	No		150	4			A/B/C	1	2	

Mount Information

Elevation (ft)	148	Grating Thickness (in)	1
K_z	1.11	Grating Ice Weight (k/ft²)	0.014
Kiz	1.16		
tiz	1.16		

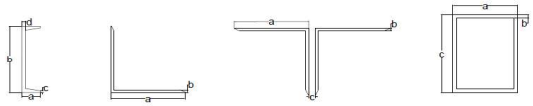
	Length (ft)	Width (in)	Centerline
Mount Pipes	8	2.375	148

Round Members

Member	Length (ft)	Width (in)	Frame Member	# of Members
Face On	12.5	3.5	Yes	2
Face Off	12.5	3.5	No	1
Rail On	12.5	2.375	Yes	2
Rail Off	12.5	2.375	No	1

Flat Members

Member	Length (ft)	Width (in)	Shape	A	B	C	D	Frame Member	# of Members
Standoff	5.188	4	Square HSS	4	0.25	4		No	3
Corner	2.38	2.5	Angle	2.5	2.25			No	6
Grating Support	4.041	2	Angle	2	0.1875			No	6
Plate	1.049	6	Channel	0	6	0	0.5	No	6
Angle	1.895	2.5	Angle	2.5	0.1875			No	3
Kicker On	3.561	2.5	D. Angle	2.5	0.1875	0.75		Yes	2
Kicker Off	3.561	2.5	D. Angle	2.5	0.1875	0.75		No	1
Angle	1.895	2.5	Angle	2.5	0.1875			No	3



Version 3.2

Appurtenance Wind Calculations

Model	Height	Width	Depth	Weight (lbs)	Kz	qz (lb/ft$_2$)	$(EPA)_n$ (ft^2)	$(EPA)_t$(ft^2)	Wind Force (Kips) Front	Side	Alpha	Beta	Gamma
AIR 32 B2A/B66AA	56.6	12.9	8.7	132.2	1.11	45.39	5.86	4.24	0.266	0.192	0.248	0.248	0.192
AIR21 B4A B2P_T-MOBILE	56.2	12.1	7.9	113.3	1.11	45.39	5.50	3.88	0.250	0.176	0.231	0.231	0.176
AIR6449 B41	33.1	20.6	8.6	104.0	1.11	45.39	5.11	2.24	0.232	0.102	0.200	0.200	0.102
APXVAARR24_43-U-NA20_T	95.9	24.0	8.7	153.3	1.11	45.39	14.67	5.32	0.666	0.242	0.560	0.560	0.242
KRY 112 144/1	7.0	6.0	3.0	11.0	1.11	45.39	0.32	0.16	0.014	0.007	0.013	0.013	0.007
RADIO 4449 B71 B85A_T-Mo	17.9	13.2	10.6	73.2	1.11	45.39	1.77	1.43	0.080	0.065	0.077	0.077	0.065
RRUS 4415 B25	15.0	13.2	5.4	44.0	1.11	45.39	0.85	0.59	0.039	0.027	0.036	0.036	0.027

Appurtenance Ice Calculations

Model	tiz (in)	Height	Width	Depth	Weight (lbs)	Kiz	qz (lb/ft$_2$)	$(EPA)_n$ (ft^2)	$(EPA)_t$(ft^2)	Wind Force (Kips) Front	Side	Alpha	Beta	Gamma
AIR 32 B2A/B66AA	1.16	58.93	15.23	11.03	114.79	1.16	6.71	4.10	3.10	0.028	0.021	0.026	0.026	0.021
AIR21 B4A B2P_T-MOBILE	1.16	58.51	14.42	10.20	105.51	1.16	6.71	3.88	2.88	0.026	0.019	0.024	0.024	0.019
AIR6449 B41	1.16	35.43	22.93	10.93	97.59	1.16	6.71	3.56	1.74	0.024	0.012	0.021	0.021	0.012
APXVAARR24_43-U-NA20_T	1.16	98.23	26.33	11.03	275.20	1.16	6.71	14.83	6.21	0.100	0.042	0.085	0.085	0.042
KRY 112 144/1	1.16	9.33	8.33	5.33	9.32	1.16	6.71	0.34	0.22	0.002	0.001	0.002	0.002	0.001
RADIO 4449 B71 B85A_T-Mo	1.16	20.24	15.53	12.96	50.50	1.16	6.71	1.38	1.15	0.009	0.008	0.009	0.009	0.008
RRUS 4415 B25	1.16	17.29	15.52	7.72	32.62	1.16	6.71	1.56	1.28	0.010	0.009	0.010	0.010	0.009

Round Members

Member	q_s (lb/ft^2)	Wind Calculations Ar	C	Rr	Cf	EPA (ft^2)	Load (k/ft)	Width (in)	Weight (k/ft)	Ice Calculations q_z (lb/ft^2)	Arice	Rrice	Cf	EPA (ft^2)	Load (k/ft)
Rail On	45.21	5.99	31.92	0.76	1.20	2.47	0.009	5.20	0.01	6.69	10.83	1.00	1.20	5.85	0.003
Rail Off	45.21	2.99	31.92	0.76	1.20	2.47	0.004	5.20	0.01	6.69	5.42	1.00	1.20	5.85	0.002
Face On	45.21	7.29	38.85	0.76	1.20	3.01	0.011	5.82	0.01	6.69	12.13	1.00	1.20	6.55	0.004
Face Off	45.21	3.65	38.85	0.76	1.20	3.01	0.005	5.82	0.01	6.69	6.07	1.00	1.20	6.55	0.002
Rail On	45.21	4.95	26.37	0.76	1.20	2.04	0.007	4.70	0.01	6.69	9.79	1.00	1.20	5.29	0.003

Flat Members

Member	q_s (lb/ft^2)	Wind Calculations Af	Cf	EPA	Load (k/ft)	Width (in)	Weight (k/ft)	Ice Calculations q_z (lb/ft^2)	Arice	Rrice	Cf	EPA	Load (k/ft)
Standoff	45.21	5.19	1.25	1.95	0.008	6.32	0.01	6.69	8.20	1.00	1.25	3.08	0.002
Corner	45.21	2.98	2.00	0.89	0.008	4.82	0.01	6.69	5.74	1.00	2.00	1.72	0.002
Grating Support	45.21	4.04	2.00	1.21	0.007	4.32	0.01	6.69	8.74	1.00	2.00	2.62	0.002
Plate	45.21	3.15	2.00	0.94	0.020	8.32	0.01	6.69	4.37	1.00	2.00	1.31	0.004
Angle	45.21	1.18	2.00	0.71	0.008	4.82	0.01	6.69	2.29	1.00	2.00	1.37	0.002

Appurtenance Seismic Calculations

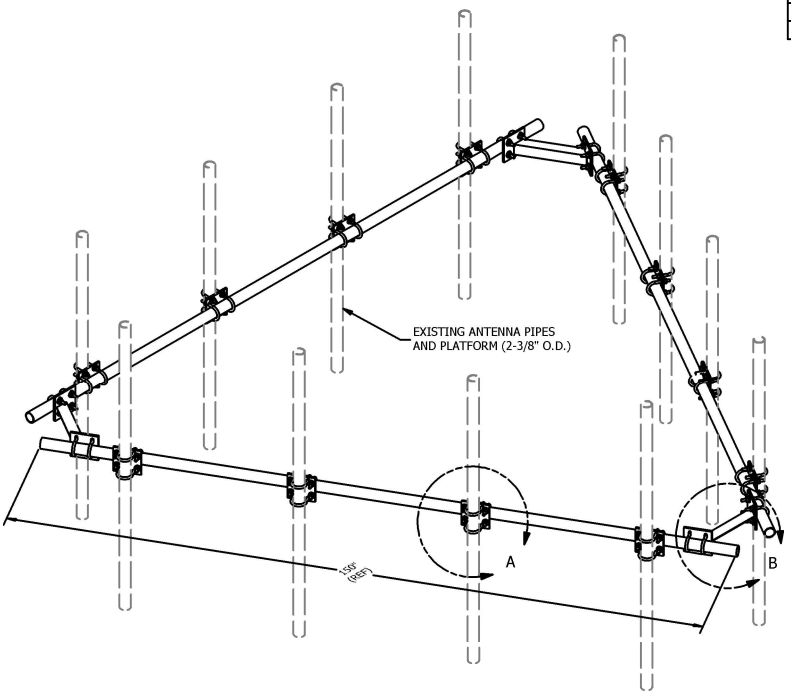
Model	Weight	Sds	ρ	Cs	As	Ev	Eh
AIR 32 B2A/B66AA	132.2	0.183	1.000	0.092	1.000	0.005	0.012
AIR21 B4A B2P_T-MOBILE	113.3	0.183	1.000	0.092	1.000	0.004	0.010
AIR6449 B41	104.0	0.183	1.000	0.092	1.000	0.004	0.010
APXVAARR24_43-U-NA20_T	153.3	0.183	1.000	0.092	1.000	0.006	0.014
KRY 112 144/1	11.0	0.183	1.000	0.092	1.000	0.000	0.001
RADIO 4449 B71 B85A_T-Mo	73.2	0.183	1.000	0.092	1.000	0.003	0.007
RRUS 4415 B25	44.0	0.183	1.000	0.092	1.000	0.002	0.004

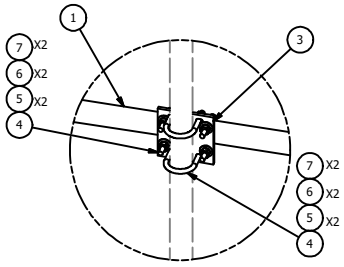
Version 3.2

APPENDIX C

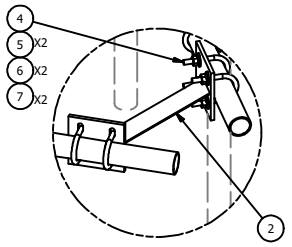
Software Analysis Output

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	P2150	2-3/8" OD X 150" SCH 40 GALVANIZED PIPE	150 in	48.06	144.17
2	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
3	12	SCX1	CROSSOVER PLATE 2-3/8" X 2-3/8"		3.71	44.50
4	120	G12FW	1/2" HDG USS FLATWASHER		0.03	4.08
5	60	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.73	43.90
6	120	G12LW	1/2" HDG LOCKWASHER		0.01	1.67
7	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.58
					TOTAL WT. #	261.72





DETAIL A



DETAIL B

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	REPLACED HCP WITH X-AHCP		CEK	7/10/2014

REVISION HISTORY

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.090")*
ALL OTHER ASSEMBLY *(± 0.060")*

DESCRIPTION: **HANDRAIL KIT FOR 12'-6" FACE**

SITE PRO 1 — A valmont COMPANY

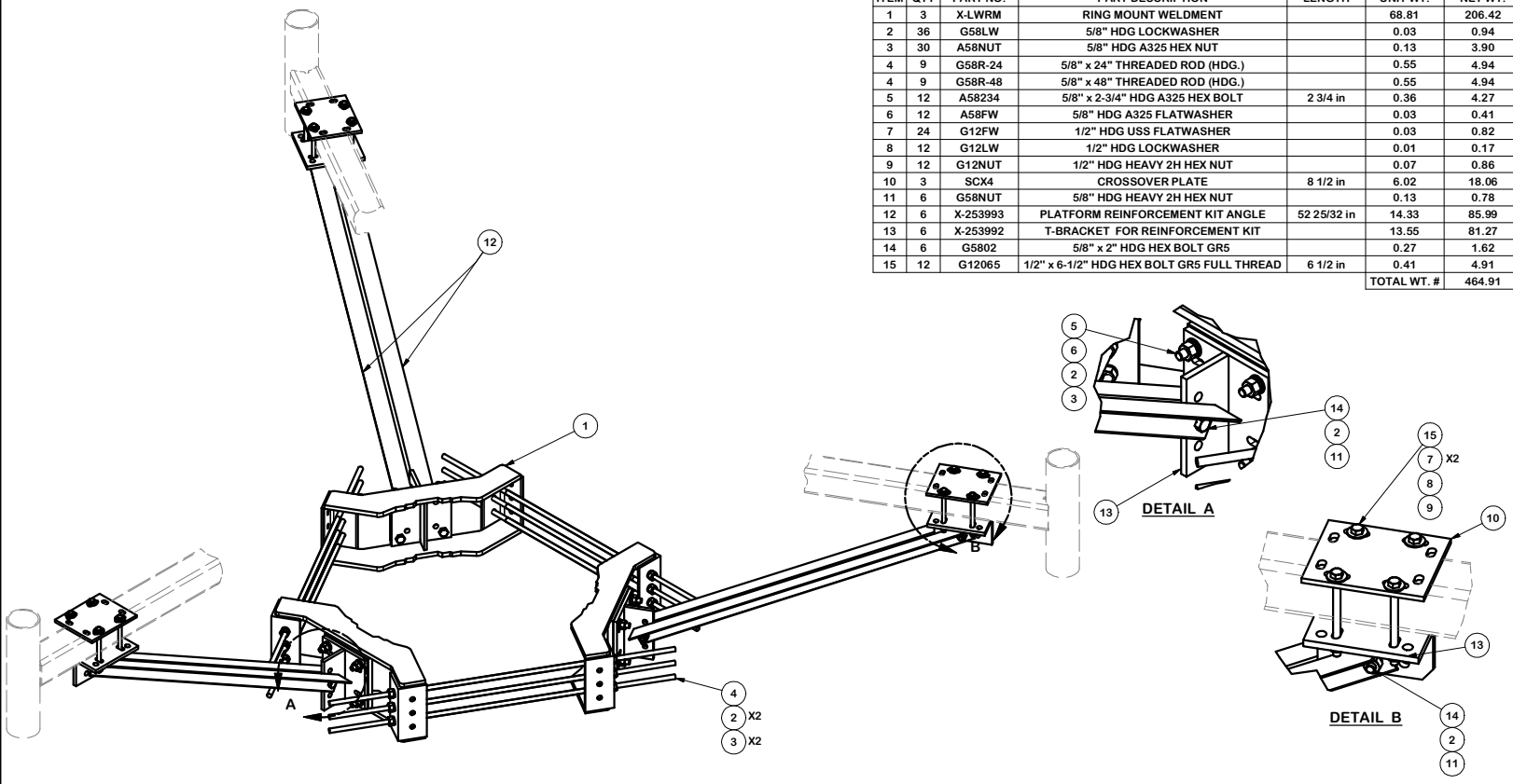
Engineering Support Team: 1-888-753-7446

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

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	KC8 5/30/2012		HRK12

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	BMC 7/14/2014	HRK12

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	36	G58LW	5/8" HDG LOCKWASHER		0.03	0.94
3	30	A58NUT	5/8" HDG A325 HEX NUT		0.13	3.90
4	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)		0.55	4.94
4	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)		0.55	4.94
5	12	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2 3/4 in	0.36	4.27
6	12	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.41
7	24	G12FW	1/2" HDG USS FLATWASHER		0.03	0.82
8	12	G12LW	1/2" HDG LOCKWASHER		0.01	0.17
9	12	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.86
10	3	SCX4	CROSSOVER PLATE	8 1/2 in	6.02	18.06
11	6	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	0.78
12	6	X-253993	PLATFORM REINFORCEMENT KIT ANGLE	52 25/32 in	14.33	85.99
13	6	X-253992	T-BRACKET FOR REINFORCEMENT KIT		13.55	81.27
14	6	G5802	5/8" x 2" HDG HEX BOLT GR5		0.27	1.62
15	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	6 1/2 in	0.41	4.91
					TOTAL WT. #	464.91



TOLERANCE NOTES

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

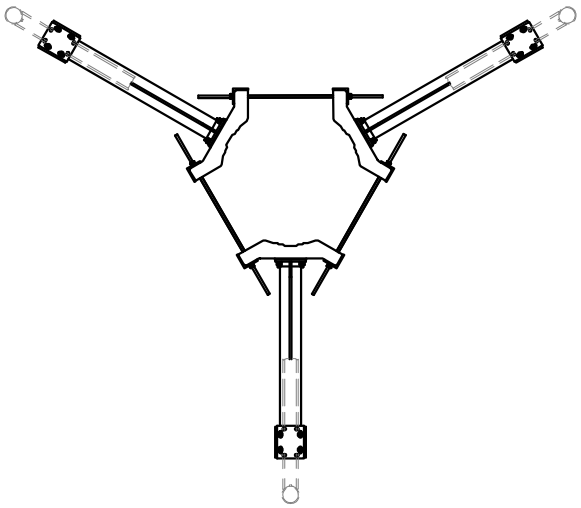
DESCRIPTION
PLATFORM RENIFORCEMENT
ON A 12" TO 45" POLE
4' 6" ANGLE

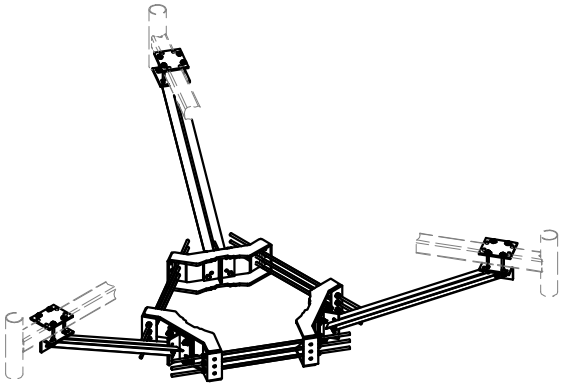
SITE PRO 1 — A valmont COMPANY

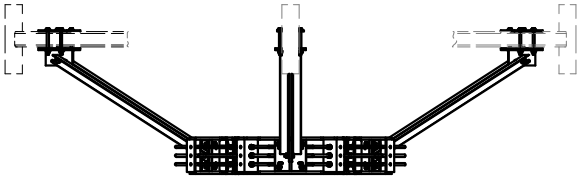
Engineering Support Team: 1-888-753-7446

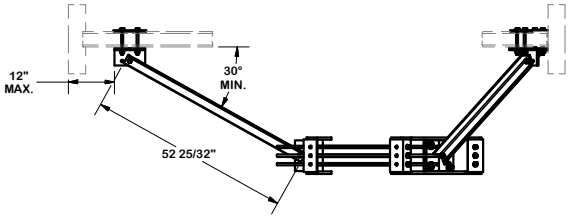
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
4488	CEK 4/10/2014		PRK-1245	1 OF 2
CLASS / SUB: 81 / 01	DRAWING USAGE: CUSTOMER	CHECKED BY: BMC 4/10/2014	DWG. NO.: PRK-1245	









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LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

DESCRIPTION
PLATFORM RENIFORCEMENT
ON A 12" TO 45" POLE
4' 6" ANGLE

SITE PRO 1 — A valmont COMPANY

Engineering Support Team: 1-888-753-7446

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

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
4488	CEK 4/10/2014		PRK-1245

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	BMC 4/10/2014	PRK-1245

APPENDIX D

Additional Calculations

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	TOPANGLE3	N18...	N18...		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
2	TOPANGLE2	N18...	N18...		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
3	SUP3B	N91	N88A		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
4	SUP3A	N86A	N91			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
5	SUP2B	N89	N91A		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
6	SUP2A	N89	N87B		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
7	SUP1B	N89A	N87A			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
8	SUP1A	N90	N89A		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
9	SO3	N23...	N21			HSS4X4X4_HRA	Beam	SquareTube	A500 Gr.B ...	Typical
10	SO2	N242	N18...			HSS4X4X4_HRA	Beam	SquareTube	A500 Gr.B ...	Typical
11	SO1	N24...	N18...			HSS4X4X4_HRA	Beam	SquareTube	A500 Gr.B ...	Typical
12	RAIL3	N159	N160			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
13	RAIL2	N158	N157			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
14	RAIL1	N15...	N15...			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
15	PLATECOR...	N194	N210		90	6x0.5	Beam	RECT	A36 Gr.36	Typical
16	PLATECOR...	N188	N17...		90	6x0.5	Beam	RECT	A36 Gr.36	Typical
17	PLATECOR...	N4	N17...		90	6x0.5	Beam	RECT	A36 Gr.36	Typical
18	PLATECOR...	N17...	N191		90	6x0.5	Beam	RECT	A36 Gr.36	Typical
19	PLATECOR...	N173	N4		90	6x0.5	Beam	RECT	A36 Gr.36	Typical
20	PLATECOR...	N17...	N194		90	6x0.5	Beam	RECT	A36 Gr.36	Typical
21	PLATECOR...	N207	N195		90	6x0.5	Beam	RECT	A36 Gr.36	Typical
22	PLATECOR...	N3	N176		90	6x0.5	Beam	RECT	A36 Gr.36	Typical
23	PLATECOR...	N195	N3		90	6x0.5	Beam	RECT	A36 Gr.36	Typical
24	PLATE12	N17...	N202		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
25	PLATE11	N18...	N201		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
26	PLATE10	N18...	N16...		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
27	PLATE9	N18...	N183		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
28	PLATE8	N180	N182		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
29	PLATE7	N18...	N16...		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
30	PLATE6	N185	N183		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
31	PLATE5	N182	N184		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
32	PLATE4	N204	N202		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
33	PLATE3	N201	N203		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
34	PLATE2	N170	N16...		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
35	PLATE1	N16...	N169		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
36	MP GAMMA4	N154	N153			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
37	MP GAMMA3	N150	N149			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
38	MP GAMMA2	N146	N145			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
39	MP GAMMA1	N142	N141			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
40	MP BETA4	N17...	N17...			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
41	MP BETA3	N17...	N17...			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
42	MP BETA2	N17...	N17...			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
43	MP BETA1	N16...	N16...			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
44	MP ALPHA4	N11...	N11...			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
45	MP ALPHA3	N10...	N105			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
46	MP ALPHA2	N100	N99			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
47	MP ALPHA1	N94	N93A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
48	FACE3	N15	N16			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
49	FACE2	N10	N9A			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
50	FACE1	N2	N1			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
51	CR3B	N92	N48			L3X3X4	Beam	Single Angle	A36 Gr.36	Typical
52	CR3A	N48	N93			L3X3X4	Beam	Single Angle	A36 Gr.36	Typical
53	CR2B	N32	N34		180	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical
54	CR2A	N33	N34		90	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical
55	CR1B	N40	N89B		270	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical
56	CR1A	N40	N90A			L3X3X4	Beam	Single Angle	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
57	ANGLE2	N19...	N19...		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
58	58	N18...	N181			RIGID	None	None	RIGID	Typical
59	51	N16...	N16...			RIGID	None	None	RIGID	Typical
60	50	N16...	N16...			RIGID	None	None	RIGID	Typical
61	49	N17...	N17...			RIGID	None	None	RIGID	Typical
62	48	N17...	N17...			RIGID	None	None	RIGID	Typical
63	47	N18...	N18...			RIGID	None	None	RIGID	Typical
64	46	N18...	N18...			RIGID	None	None	RIGID	Typical
65	45	N18...	N18...			RIGID	None	None	RIGID	Typical
66	44	N139	N140			RIGID	None	None	RIGID	Typical
67	43	N143	N144			RIGID	None	None	RIGID	Typical
68	42	N147	N148			RIGID	None	None	RIGID	Typical
69	41	N151	N152			RIGID	None	None	RIGID	Typical
70	40	N16...	N16...			RIGID	None	None	RIGID	Typical
71	39	N15...	N16...			RIGID	None	None	RIGID	Typical
72	38	N15...	N15...			RIGID	None	None	RIGID	Typical
73	37	N155	N156			RIGID	None	None	RIGID	Typical
74	36	N189	N190			RIGID	None	None	RIGID	Typical
75	35	N161	N162			RIGID	None	None	RIGID	Typical
76	34	N163	N16...			RIGID	None	None	RIGID	Typical
77	33	N16...	N166			RIGID	None	None	RIGID	Typical
78	32	N16...	N16...			RIGID	None	None	RIGID	Typical
79	31	N211	N212			RIGID	None	None	RIGID	Typical
80	30	N208	N209			RIGID	None	None	RIGID	Typical
81	29	N205	N198			RIGID	None	None	RIGID	Typical
82	28	N206	N197			RIGID	None	None	RIGID	Typical
83	27	N192	N193			RIGID	None	None	RIGID	Typical
84	26	N186	N179			RIGID	None	None	RIGID	Typical
85	25	N187	N17...			RIGID	None	None	RIGID	Typical
86	24	N177	N178			RIGID	None	None	RIGID	Typical
87	23	N174	N175			RIGID	None	None	RIGID	Typical
88	22	N171	N47			RIGID	None	None	RIGID	Typical
89	21	N172	N38			RIGID	None	None	RIGID	Typical
90	13	N10...	N10...			RIGID	None	None	RIGID	Typical
91	12	N101	N103			RIGID	None	None	RIGID	Typical
92	11	N95	N97			RIGID	None	None	RIGID	Typical
93	10	N89D	N91B			RIGID	None	None	RIGID	Typical
94	9	N112	N91A			RIGID	None	None	RIGID	Typical
95	8	N10...	N89			RIGID	None	None	RIGID	Typical
96	7	N109	N87B			RIGID	None	None	RIGID	Typical
97	6	N110	N88A			RIGID	None	None	RIGID	Typical
98	5	N106	N91			RIGID	None	None	RIGID	Typical
99	4	N107	N86A			RIGID	None	None	RIGID	Typical
100	3	N108	N87A			RIGID	None	None	RIGID	Typical
101	2	N111	N90			RIGID	None	None	RIGID	Typical
102	1	N10...	N89A			RIGID	None	None	RIGID	Typical
103	M115	N19...	N20...			RIGID	None	None	RIGID	Typical
104	M116	N200	N20...			RIGID	None	None	RIGID	Typical
105	M115A	N20...	N20...		180	LL2.5x2.5x3x6	Beam	Double Angle ...	A36 Gr.36	Typical
106	M115B	N20...	N20...		180	RIGID	None	None	RIGID	Typical
107	M116A	N20...	N20...		240	RIGID	None	None	RIGID	Typical
108	M117	N20...	N20...		72.823	LL2.5x2.5x3x6	Beam	Double Angle ...	A36 Gr.36	Typical
109	M118	N20...	N20...			RIGID	None	None	RIGID	Typical
110	M119	N20...	N21...		120	RIGID	None	None	RIGID	Typical
111	M120	N21...	N20...		287.177	LL2.5x2.5x3x6	Beam	Double Angle ...	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physi...	Defl ...	Analysi...	Inactive	Seis...
1	TOPANGLE3						Yes				None
2	TOPANGLE2						Yes				None
3	SUP3B						Yes				None
4	SUP3A						Yes				None
5	SUP2B						Yes				None
6	SUP2A						Yes				None
7	SUP1B						Yes				None
8	SUP1A						Yes				None
9	SO3						Yes				None
10	SO2						Yes				None
11	SO1						Yes				None
12	RAIL3						Yes				None
13	RAIL2						Yes				None
14	RAIL1						Yes				None
15	PLATECORNER3C						Yes				None
16	PLATECORNER3B						Yes				None
17	PLATECORNER3A						Yes				None
18	PLATECORNER2C						Yes				None
19	PLATECORNER2B						Yes				None
20	PLATECORNER2A						Yes				None
21	PLATECORNER1C						Yes				None
22	PLATECORNER1B						Yes				None
23	PLATECORNER1A						Yes				None
24	PLATE12						Yes				None
25	PLATE11						Yes				None
26	PLATE10						Yes				None
27	PLATE9						Yes				None
28	PLATE8						Yes				None
29	PLATE7						Yes				None
30	PLATE6						Yes				None
31	PLATE5						Yes				None
32	PLATE4						Yes				None
33	PLATE3						Yes				None
34	PLATE2						Yes				None
35	PLATE1						Yes				None
36	MP GAMMA4						Yes				None
37	MP GAMMA3						Yes				None
38	MP GAMMA2						Yes				None
39	MP GAMMA1						Yes				None
40	MP BETA4						Yes				None
41	MP BETA3						Yes				None
42	MP BETA2						Yes				None
43	MP BETA1						Yes				None
44	MP ALPHA4						Yes				None
45	MP ALPHA3						Yes				None
46	MP ALPHA2						Yes				None
47	MP ALPHA1						Yes				None
48	FACE3						Yes	Default			None
49	FACE2						Yes				None
50	FACE1						Yes				None
51	CR3B						Yes				None
52	CR3A						Yes				None
53	CR2B						Yes	Default			None
54	CR2A						Yes	Default			None
55	CR1B						Yes	Default			None
56	CR1A						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physi...	Defl ...	Analysi...	Inactive	Seis...
57	ANGLE2						Yes				None
58	58						Yes	** NA...			None
59	51						Yes	** NA...			None
60	50						Yes	** NA...			None
61	49						Yes	** NA...			None
62	48						Yes	** NA...			None
63	47						Yes	** NA...			None
64	46						Yes	** NA...			None
65	45						Yes	** NA...			None
66	44						Yes	** NA...			None
67	43						Yes	** NA...			None
68	42						Yes	** NA...			None
69	41						Yes	** NA...			None
70	40						Yes	** NA...			None
71	39						Yes	** NA...			None
72	38						Yes	** NA...			None
73	37						Yes	** NA...			None
74	36		OOOXOO				Yes	** NA...			None
75	35						Yes	** NA...			None
76	34						Yes	** NA...			None
77	33						Yes	** NA...			None
78	32						Yes	** NA...			None
79	31		OOOXOO				Yes	** NA...			None
80	30		OOOXOO				Yes	** NA...			None
81	29		OOOXOO				Yes	** NA...			None
82	28		OOOXOO				Yes	** NA...			None
83	27		OOOXOO				Yes	** NA...			None
84	26		OOOXOO				Yes	** NA...			None
85	25		OOOXOO				Yes	** NA...			None
86	24		OOOXOO				Yes	** NA...			None
87	23		OOOXOO				Yes	** NA...			None
88	22		OOOXOO				Yes	** NA...			None
89	21		OOOXOO				Yes	** NA...			None
90	13						Yes	** NA...			None
91	12						Yes	** NA...			None
92	11						Yes	** NA...			None
93	10						Yes	** NA...			None
94	9						Yes	** NA...			None
95	8						Yes	** NA...			None
96	7						Yes	** NA...			None
97	6						Yes	** NA...			None
98	5						Yes	** NA...			None
99	4						Yes	** NA...			None
100	3						Yes	** NA...			None
101	2						Yes	** NA...			None
102	1						Yes	** NA...			None
103	M115						Yes	** NA...			None
104	M116						Yes	** NA...			None
105	M115A	OOOOOX	OOOOOX				Yes	Default			None
106	M115B						Yes	** NA...			None
107	M116A						Yes	** NA...			None
108	M117	OOOOOX	OOOOOX				Yes	Default			None
109	M118						Yes	** NA...			None
110	M119						Yes	** NA...			None
111	M120	OOOOOX	OOOOOX				Yes	Default			None

Hot Rolled Steel Design Parameters

	Label	Shape	Length[...	Lbyy[ft]	Lbzz[ft]	Lcomp top...	Lcomp bot...	L-torq...	Kyy	Kzz	Cb	Functi...
1	TOPANGL...	L2.5x2.5x3	1.895			Lbyy						Lateral
2	TOPANGL...	L2.5x2.5x3	1.895			Lbyy						Lateral
3	SUP3B	L2.5x2.5x3	4.041			Lbyy						Lateral
4	SUP3A	L2.5x2.5x3	4.041			Lbyy						Lateral
5	SUP2B	L2.5x2.5x3	4.041			Lbyy						Lateral
6	SUP2A	L2.5x2.5x3	4.041			Lbyy						Lateral
7	SUP1B	L2.5x2.5x3	4.041			Lbyy						Lateral
8	SUP1A	L2.5x2.5x3	4.041			Lbyy						Lateral
9	SO3	HSS4X4X4_HRA	5.188			Lbyy						Lateral
10	SO2	HSS4X4X4_HRA	5.188			Lbyy						Lateral
11	SO1	HSS4X4X4_HRA	5.188			Lbyy						Lateral
12	RAIL3	PIPE_2.0	12.5			Lbyy						Lateral
13	RAIL2	PIPE_2.0	12.5			Lbyy						Lateral
14	RAIL1	PIPE_2.0	12.5			Lbyy						Lateral
15	PLATECO...	6x0.5	.3			Lbyy						Lateral
16	PLATECO...	6x0.5	.3			Lbyy						Lateral
17	PLATECO...	6x0.5	1.049			Lbyy						Lateral
18	PLATECO...	6x0.5	.3			Lbyy						Lateral
19	PLATECO...	6x0.5	.3			Lbyy						Lateral
20	PLATECO...	6x0.5	1.049			Lbyy						Lateral
21	PLATECO...	6x0.5	.3			Lbyy						Lateral
22	PLATECO...	6x0.5	.3			Lbyy						Lateral
23	PLATECO...	6x0.5	1.049			Lbyy						Lateral
24	PLATE12	6x0.375	.338			Lbyy						Lateral
25	PLATE11	6x0.375	.338			Lbyy						Lateral
26	PLATE10	6x0.375	.338			Lbyy						Lateral
27	PLATE9	6x0.375	.338			Lbyy						Lateral
28	PLATE8	6x0.375	.338			Lbyy						Lateral
29	PLATE7	6x0.375	.338			Lbyy						Lateral
30	PLATE6	6x0.375	.292			Lbyy						Lateral
31	PLATE5	6x0.375	.292			Lbyy						Lateral
32	PLATE4	6x0.375	.292			Lbyy						Lateral
33	PLATE3	6x0.375	.292			Lbyy						Lateral
34	PLATE2	6x0.375	.292			Lbyy						Lateral
35	PLATE1	6x0.375	.292			Lbyy						Lateral
36	MP GAM...	PIPE_2.0	5			Lbyy						Lateral
37	MP GAM...	PIPE_2.0	8			Lbyy						Lateral
38	MP GAM...	PIPE_2.0	8			Lbyy						Lateral
39	MP GAM...	PIPE_2.0	6			Lbyy						Lateral
40	MP BETA4	PIPE_2.0	5			Lbyy						Lateral
41	MP BETA3	PIPE_2.0	8			Lbyy						Lateral
42	MP BETA2	PIPE_2.0	8			Lbyy						Lateral
43	MP BETA1	PIPE_2.0	6			Lbyy						Lateral
44	MP ALPH...	PIPE_2.0	5			Lbyy						Lateral
45	MP ALPH...	PIPE_2.0	8			Lbyy						Lateral
46	MP ALPH...	PIPE_2.0	8			Lbyy						Lateral
47	MP ALPH...	PIPE_2.0	6			Lbyy						Lateral
48	FACE3	PIPE_3.0	12.5			Lbyy						Lateral
49	FACE2	PIPE_3.0	12.5			Lbyy						Lateral
50	FACE1	PIPE_3.0	12.5			Lbyy						Lateral
51	CR3B	L3X3X4	2.55			Lbyy						Lateral
52	CR3A	L3X3X4	2.55			Lbyy						Lateral
53	CR2B	L3X3X4	2.55			Lbyy						Lateral
54	CR2A	L3X3X4	2.55			Lbyy						Lateral
55	CR1B	L3X3X4	2.55			Lbyy						Lateral
56	CR1A	L3X3X4	2.55			Lbyy						Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[...	Lbyy[ft]	Lbzz[ft]	Lcomp top...	Lcomp bot...	L-torq...	Kyy	Kzz	Cb	Functi...
57	ANGLE2	L2.5x2.5x3	1.895			Lbyy						Lateral
58	M115A	LL2.5x2.5x3x6	3.561			Lbyy						Lateral
59	M117	LL2.5x2.5x3x6	3.561			Lbyy						Lateral
60	M120	LL2.5x2.5x3x6	3.561			Lbyy						Lateral

Hot Rolled Steel Properties

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

Member Point Loads (BLC 1 : Live Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	FACE1	Z	-.5	0

Member Point Loads (BLC 2 : Wind Load (0))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.133	4.667
2	MP ALPHA4	Y	-.133	1.333
3	MP BETA4	Y	-.105	4.667
4	MP BETA4	Y	-.105	1.333
5	MP GAMMA4	Y	-.105	4.667
6	MP GAMMA4	Y	-.105	1.333
7	MP ALPHA1	Y	-.125	4.667
8	MP ALPHA1	Y	-.125	1.333
9	MP BETA1	Y	-.097	4.667
10	MP BETA1	Y	-.097	1.333
11	MP GAMMA1	Y	-.097	4.667
12	MP GAMMA1	Y	-.097	1.333
13	MP ALPHA3	Y	-.116	4.833
14	MP ALPHA3	Y	-.116	3.167
15	MP BETA3	Y	-.067	4.833
16	MP BETA3	Y	-.067	3.167
17	MP GAMMA3	Y	-.067	4.833
18	MP GAMMA3	Y	-.067	3.167
19	MP ALPHA2	Y	-.333	6.917
20	MP ALPHA2	Y	-.333	1.083
21	MP BETA2	Y	-.174	6.917
22	MP BETA2	Y	-.174	1.083
23	MP GAMMA2	Y	-.174	6.917
24	MP GAMMA2	Y	-.174	1.083
25	MP ALPHA1	Y	-.014	3
26	MP BETA1	Y	-.009	3
27	MP GAMMA1	Y	-.009	3
28	MP ALPHA2	Y	-.08	4
29	MP BETA2	Y	-.069	4
30	MP GAMMA2	Y	-.069	4
31	MP ALPHA2	Y	-.039	4
32	MP BETA2	Y	-.03	4

Member Point Loads (BLC 2 : Wind Load (0)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
33	MP GAMMA2	Y	-.03	4

Member Point Loads (BLC 3 : Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Z	-.066	4.667
2	MP ALPHA4	Z	-.066	1.333
3	MP BETA4	Z	-.066	4.667
4	MP BETA4	Z	-.066	1.333
5	MP GAMMA4	Z	-.066	4.667
6	MP GAMMA4	Z	-.066	1.333
7	MP ALPHA1	Z	-.057	4.667
8	MP ALPHA1	Z	-.057	1.333
9	MP BETA1	Z	-.057	4.667
10	MP BETA1	Z	-.057	1.333
11	MP GAMMA1	Z	-.057	4.667
12	MP GAMMA1	Z	-.057	1.333
13	MP ALPHA3	Z	-.052	4.833
14	MP ALPHA3	Z	-.052	3.167
15	MP BETA3	Z	-.052	4.833
16	MP BETA3	Z	-.052	3.167
17	MP GAMMA3	Z	-.052	4.833
18	MP GAMMA3	Z	-.052	3.167
19	MP ALPHA2	Z	-.077	6.917
20	MP ALPHA2	Z	-.077	1.083
21	MP BETA2	Z	-.077	6.917
22	MP BETA2	Z	-.077	1.083
23	MP GAMMA2	Z	-.077	6.917
24	MP GAMMA2	Z	-.077	1.083
25	MP ALPHA1	Z	-.011	3
26	MP BETA1	Z	-.011	3
27	MP GAMMA1	Z	-.011	3
28	MP ALPHA2	Z	-.073	4
29	MP BETA2	Z	-.073	4
30	MP GAMMA2	Z	-.073	4
31	MP ALPHA2	Z	-.044	4
32	MP BETA2	Z	-.044	4
33	MP GAMMA2	Z	-.044	4

Member Point Loads (BLC 4 : Wind Load (30))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.107	4.667
2	MP ALPHA4	Y	-.107	1.333
3	MP ALPHA4	X	-.062	4.667
4	MP ALPHA4	X	-.062	1.333
5	MP BETA4	Y	-.083	4.667
6	MP BETA4	Y	-.083	1.333
7	MP BETA4	X	-.048	4.667
8	MP BETA4	X	-.048	1.333
9	MP GAMMA4	Y	-.107	4.667
10	MP GAMMA4	Y	-.107	1.333
11	MP GAMMA4	X	-.062	4.667
12	MP GAMMA4	X	-.062	1.333
13	MP ALPHA1	Y	-.1	4.667
14	MP ALPHA1	Y	-.1	1.333
15	MP ALPHA1	X	-.058	4.667
16	MP ALPHA1	X	-.058	1.333

Member Point Loads (BLC 4 : Wind Load (30)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
17	MP BETA1	Y	-.076	4.667
18	MP BETA1	Y	-.076	1.333
19	MP BETA1	X	-.044	4.667
20	MP BETA1	X	-.044	1.333
21	MP GAMMA1	Y	-.1	4.667
22	MP GAMMA1	Y	-.1	1.333
23	MP GAMMA1	X	-.058	4.667
24	MP GAMMA1	X	-.058	1.333
25	MP ALPHA3	Y	-.086	4.833
26	MP ALPHA3	Y	-.086	3.167
27	MP ALPHA3	X	-.05	4.833
28	MP ALPHA3	X	-.05	3.167
29	MP BETA3	Y	-.044	4.833
30	MP BETA3	Y	-.044	3.167
31	MP BETA3	X	-.025	4.833
32	MP BETA3	X	-.025	3.167
33	MP GAMMA3	Y	-.086	4.833
34	MP GAMMA3	Y	-.086	3.167
35	MP GAMMA3	X	-.05	4.833
36	MP GAMMA3	X	-.05	3.167
37	MP ALPHA2	Y	-.242	6.917
38	MP ALPHA2	Y	-.242	1.083
39	MP ALPHA2	X	-.14	6.917
40	MP ALPHA2	X	-.14	1.083
41	MP BETA2	Y	-.105	6.917
42	MP BETA2	Y	-.105	1.083
43	MP BETA2	X	-.06	6.917
44	MP BETA2	X	-.06	1.083
45	MP GAMMA2	Y	-.242	6.917
46	MP GAMMA2	Y	-.242	1.083
47	MP GAMMA2	X	-.14	6.917
48	MP GAMMA2	X	-.14	1.083
49	MP ALPHA1	Y	-.011	3
50	MP ALPHA1	X	-.006	3
51	MP BETA1	Y	-.006	3
52	MP BETA1	X	-.004	3
53	MP GAMMA1	Y	-.011	3
54	MP GAMMA1	X	-.006	3
55	MP ALPHA2	Y	-.066	4
56	MP ALPHA2	X	-.038	4
57	MP BETA2	Y	-.056	4
58	MP BETA2	X	-.032	4
59	MP GAMMA2	Y	-.066	4
60	MP GAMMA2	X	-.038	4
61	MP ALPHA2	Y	-.031	4
62	MP ALPHA2	X	-.018	4
63	MP BETA2	Y	-.023	4
64	MP BETA2	X	-.013	4
65	MP GAMMA2	Y	-.031	4
66	MP GAMMA2	X	-.018	4

Member Point Loads (BLC 5 : Wind Load (60))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.053	4.667
2	MP ALPHA4	Y	-.053	1.333
3	MP ALPHA4	X	-.091	4.667

Member Point Loads (BLC 5 : Wind Load (60)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
4	MP ALPHA4	X	-.091	1.333
5	MP BETA4	Y	-.053	4.667
6	MP BETA4	Y	-.053	1.333
7	MP BETA4	X	-.091	4.667
8	MP BETA4	X	-.091	1.333
9	MP GAMMA4	Y	-.066	4.667
10	MP GAMMA4	Y	-.066	1.333
11	MP GAMMA4	X	-.115	4.667
12	MP GAMMA4	X	-.115	1.333
13	MP ALPHA1	Y	-.049	4.667
14	MP ALPHA1	Y	-.049	1.333
15	MP ALPHA1	X	-.084	4.667
16	MP ALPHA1	X	-.084	1.333
17	MP BETA1	Y	-.049	4.667
18	MP BETA1	Y	-.049	1.333
19	MP BETA1	X	-.084	4.667
20	MP BETA1	X	-.084	1.333
21	MP GAMMA1	Y	-.062	4.667
22	MP GAMMA1	Y	-.062	1.333
23	MP GAMMA1	X	-.108	4.667
24	MP GAMMA1	X	-.108	1.333
25	MP ALPHA3	Y	-.034	4.833
26	MP ALPHA3	Y	-.034	3.167
27	MP ALPHA3	X	-.058	4.833
28	MP ALPHA3	X	-.058	3.167
29	MP BETA3	Y	-.034	4.833
30	MP BETA3	Y	-.034	3.167
31	MP BETA3	X	-.058	4.833
32	MP BETA3	X	-.058	3.167
33	MP GAMMA3	Y	-.058	4.833
34	MP GAMMA3	Y	-.058	3.167
35	MP GAMMA3	X	-.101	4.833
36	MP GAMMA3	X	-.101	3.167
37	MP ALPHA2	Y	-.087	6.917
38	MP ALPHA2	Y	-.087	1.083
39	MP ALPHA2	X	-.151	6.917
40	MP ALPHA2	X	-.151	1.083
41	MP BETA2	Y	-.087	6.917
42	MP BETA2	Y	-.087	1.083
43	MP BETA2	X	-.151	6.917
44	MP BETA2	X	-.151	1.083
45	MP GAMMA2	Y	-.166	6.917
46	MP GAMMA2	Y	-.166	1.083
47	MP GAMMA2	X	-.288	6.917
48	MP GAMMA2	X	-.288	1.083
49	MP ALPHA1	Y	-.004	3
50	MP ALPHA1	X	-.008	3
51	MP BETA1	Y	-.004	3
52	MP BETA1	X	-.008	3
53	MP GAMMA1	Y	-.007	3
54	MP GAMMA1	X	-.012	3
55	MP ALPHA2	Y	-.034	4
56	MP ALPHA2	X	-.06	4
57	MP BETA2	Y	-.034	4
58	MP BETA2	X	-.06	4
59	MP GAMMA2	Y	-.04	4
60	MP GAMMA2	X	-.07	4

Member Point Loads (BLC 5 : Wind Load (60)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
61	MP ALPHA2	Y	-.015	4
62	MP ALPHA2	X	-.026	4
63	MP BETA2	Y	-.015	4
64	MP BETA2	X	-.026	4
65	MP GAMMA2	Y	-.019	4
66	MP GAMMA2	X	-.033	4

Member Point Loads (BLC 6 : Wind Load (90))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	X	-.096	4.667
2	MP ALPHA4	X	-.096	1.333
3	MP BETA4	X	-.124	4.667
4	MP BETA4	X	-.124	1.333
5	MP GAMMA4	X	-.124	4.667
6	MP GAMMA4	X	-.124	1.333
7	MP ALPHA1	X	-.088	4.667
8	MP ALPHA1	X	-.088	1.333
9	MP BETA1	X	-.116	4.667
10	MP BETA1	X	-.116	1.333
11	MP GAMMA1	X	-.116	4.667
12	MP GAMMA1	X	-.116	1.333
13	MP ALPHA3	X	-.051	4.833
14	MP ALPHA3	X	-.051	3.167
15	MP BETA3	X	-.1	4.833
16	MP BETA3	X	-.1	3.167
17	MP GAMMA3	X	-.1	4.833
18	MP GAMMA3	X	-.1	3.167
19	MP ALPHA2	X	-.121	6.917
20	MP ALPHA2	X	-.121	1.083
21	MP BETA2	X	-.28	6.917
22	MP BETA2	X	-.28	1.083
23	MP GAMMA2	X	-.28	6.917
24	MP GAMMA2	X	-.28	1.083
25	MP ALPHA1	X	-.007	3
26	MP BETA1	X	-.013	3
27	MP GAMMA1	X	-.013	3
28	MP ALPHA2	X	-.065	4
29	MP BETA2	X	-.077	4
30	MP GAMMA2	X	-.077	4
31	MP ALPHA2	X	-.027	4
32	MP BETA2	X	-.036	4
33	MP GAMMA2	X	-.036	4

Member Point Loads (BLC 7 : Wind Load (120))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.053	4.667
2	MP ALPHA4	Y	.053	1.333
3	MP ALPHA4	X	-.091	4.667
4	MP ALPHA4	X	-.091	1.333
5	MP BETA4	Y	.066	4.667
6	MP BETA4	Y	.066	1.333
7	MP BETA4	X	-.115	4.667
8	MP BETA4	X	-.115	1.333
9	MP GAMMA4	Y	.053	4.667
10	MP GAMMA4	Y	.053	1.333
11	MP GAMMA4	X	-.091	4.667

Member Point Loads (BLC 7 : Wind Load (120)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
12	MP GAMMA4	X	-.091	1.333
13	MP ALPHA1	Y	.049	4.667
14	MP ALPHA1	Y	.049	1.333
15	MP ALPHA1	X	-.084	4.667
16	MP ALPHA1	X	-.084	1.333
17	MP BETA1	Y	.062	4.667
18	MP BETA1	Y	.062	1.333
19	MP BETA1	X	-.108	4.667
20	MP BETA1	X	-.108	1.333
21	MP GAMMA1	Y	.049	4.667
22	MP GAMMA1	Y	.049	1.333
23	MP GAMMA1	X	-.084	4.667
24	MP GAMMA1	X	-.084	1.333
25	MP ALPHA3	Y	.034	4.833
26	MP ALPHA3	Y	.034	3.167
27	MP ALPHA3	X	-.058	4.833
28	MP ALPHA3	X	-.058	3.167
29	MP BETA3	Y	.058	4.833
30	MP BETA3	Y	.058	3.167
31	MP BETA3	X	-.101	4.833
32	MP BETA3	X	-.101	3.167
33	MP GAMMA3	Y	.034	4.833
34	MP GAMMA3	Y	.034	3.167
35	MP GAMMA3	X	-.058	4.833
36	MP GAMMA3	X	-.058	3.167
37	MP ALPHA2	Y	.087	6.917
38	MP ALPHA2	Y	.087	1.083
39	MP ALPHA2	X	-.151	6.917
40	MP ALPHA2	X	-.151	1.083
41	MP BETA2	Y	.166	6.917
42	MP BETA2	Y	.166	1.083
43	MP BETA2	X	-.288	6.917
44	MP BETA2	X	-.288	1.083
45	MP GAMMA2	Y	.087	6.917
46	MP GAMMA2	Y	.087	1.083
47	MP GAMMA2	X	-.151	6.917
48	MP GAMMA2	X	-.151	1.083
49	MP ALPHA1	Y	.004	3
50	MP ALPHA1	X	-.008	3
51	MP BETA1	Y	.007	3
52	MP BETA1	X	-.012	3
53	MP GAMMA1	Y	.004	3
54	MP GAMMA1	X	-.008	3
55	MP ALPHA2	Y	.034	4
56	MP ALPHA2	X	-.06	4
57	MP BETA2	Y	.04	4
58	MP BETA2	X	-.07	4
59	MP GAMMA2	Y	.034	4
60	MP GAMMA2	X	-.06	4
61	MP ALPHA2	Y	.015	4
62	MP ALPHA2	X	-.026	4
63	MP BETA2	Y	.019	4
64	MP BETA2	X	-.033	4
65	MP GAMMA2	Y	.015	4
66	MP GAMMA2	X	-.026	4

Member Point Loads (BLC 8 : Wind Load (150))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.107	4.667
2	MP ALPHA4	Y	.107	1.333
3	MP ALPHA4	X	-.062	4.667
4	MP ALPHA4	X	-.062	1.333
5	MP BETA4	Y	.107	4.667
6	MP BETA4	Y	.107	1.333
7	MP BETA4	X	-.062	4.667
8	MP BETA4	X	-.062	1.333
9	MP GAMMA4	Y	.083	4.667
10	MP GAMMA4	Y	.083	1.333
11	MP GAMMA4	X	-.048	4.667
12	MP GAMMA4	X	-.048	1.333
13	MP ALPHA1	Y	.1	4.667
14	MP ALPHA1	Y	.1	1.333
15	MP ALPHA1	X	-.058	4.667
16	MP ALPHA1	X	-.058	1.333
17	MP BETA1	Y	.1	4.667
18	MP BETA1	Y	.1	1.333
19	MP BETA1	X	-.058	4.667
20	MP BETA1	X	-.058	1.333
21	MP GAMMA1	Y	.076	4.667
22	MP GAMMA1	Y	.076	1.333
23	MP GAMMA1	X	-.044	4.667
24	MP GAMMA1	X	-.044	1.333
25	MP ALPHA3	Y	.086	4.833
26	MP ALPHA3	Y	.086	3.167
27	MP ALPHA3	X	-.05	4.833
28	MP ALPHA3	X	-.05	3.167
29	MP BETA3	Y	.086	4.833
30	MP BETA3	Y	.086	3.167
31	MP BETA3	X	-.05	4.833
32	MP BETA3	X	-.05	3.167
33	MP GAMMA3	Y	.044	4.833
34	MP GAMMA3	Y	.044	3.167
35	MP GAMMA3	X	-.025	4.833
36	MP GAMMA3	X	-.025	3.167
37	MP ALPHA2	Y	.242	6.917
38	MP ALPHA2	Y	.242	1.083
39	MP ALPHA2	X	-.14	6.917
40	MP ALPHA2	X	-.14	1.083
41	MP BETA2	Y	.242	6.917
42	MP BETA2	Y	.242	1.083
43	MP BETA2	X	-.14	6.917
44	MP BETA2	X	-.14	1.083
45	MP GAMMA2	Y	.105	6.917
46	MP GAMMA2	Y	.105	1.083
47	MP GAMMA2	X	-.06	6.917
48	MP GAMMA2	X	-.06	1.083
49	MP ALPHA1	Y	.011	3
50	MP ALPHA1	X	-.006	3
51	MP BETA1	Y	.011	3
52	MP BETA1	X	-.006	3
53	MP GAMMA1	Y	.006	3
54	MP GAMMA1	X	-.004	3
55	MP ALPHA2	Y	.066	4
56	MP ALPHA2	X	-.038	4
57	MP BETA2	Y	.066	4

Member Point Loads (BLC 8 : Wind Load (150)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
58	MP BETA2	X	-.038	4
59	MP GAMMA2	Y	.056	4
60	MP GAMMA2	X	-.032	4
61	MP ALPHA2	Y	.031	4
62	MP ALPHA2	X	-.018	4
63	MP BETA2	Y	.031	4
64	MP BETA2	X	-.018	4
65	MP GAMMA2	Y	.023	4
66	MP GAMMA2	X	-.013	4

Member Point Loads (BLC 9 : Wind Load (180))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.133	4.667
2	MP ALPHA4	Y	.133	1.333
3	MP BETA4	Y	.105	4.667
4	MP BETA4	Y	.105	1.333
5	MP GAMMA4	Y	.105	4.667
6	MP GAMMA4	Y	.105	1.333
7	MP ALPHA1	Y	.125	4.667
8	MP ALPHA1	Y	.125	1.333
9	MP BETA1	Y	.097	4.667
10	MP BETA1	Y	.097	1.333
11	MP GAMMA1	Y	.097	4.667
12	MP GAMMA1	Y	.097	1.333
13	MP ALPHA3	Y	.116	4.833
14	MP ALPHA3	Y	.116	3.167
15	MP BETA3	Y	.067	4.833
16	MP BETA3	Y	.067	3.167
17	MP GAMMA3	Y	.067	4.833
18	MP GAMMA3	Y	.067	3.167
19	MP ALPHA2	Y	.333	6.917
20	MP ALPHA2	Y	.333	1.083
21	MP BETA2	Y	.174	6.917
22	MP BETA2	Y	.174	1.083
23	MP GAMMA2	Y	.174	6.917
24	MP GAMMA2	Y	.174	1.083
25	MP ALPHA1	Y	.014	3
26	MP BETA1	Y	.009	3
27	MP GAMMA1	Y	.009	3
28	MP ALPHA2	Y	.08	4
29	MP BETA2	Y	.069	4
30	MP GAMMA2	Y	.069	4
31	MP ALPHA2	Y	.039	4
32	MP BETA2	Y	.03	4
33	MP GAMMA2	Y	.03	4

Member Point Loads (BLC 10 : Wind Load (210))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.107	4.667
2	MP ALPHA4	Y	.107	1.333
3	MP ALPHA4	X	.062	4.667
4	MP ALPHA4	X	.062	1.333
5	MP BETA4	Y	.083	4.667
6	MP BETA4	Y	.083	1.333
7	MP BETA4	X	.048	4.667
8	MP BETA4	X	.048	1.333

Member Point Loads (BLC 10 : Wind Load (210)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
9	MP GAMMA4	Y	.107	4.667
10	MP GAMMA4	Y	.107	1.333
11	MP GAMMA4	X	.062	4.667
12	MP GAMMA4	X	.062	1.333
13	MP ALPHA1	Y	.1	4.667
14	MP ALPHA1	Y	.1	1.333
15	MP ALPHA1	X	.058	4.667
16	MP ALPHA1	X	.058	1.333
17	MP BETA1	Y	.076	4.667
18	MP BETA1	Y	.076	1.333
19	MP BETA1	X	.044	4.667
20	MP BETA1	X	.044	1.333
21	MP GAMMA1	Y	.1	4.667
22	MP GAMMA1	Y	.1	1.333
23	MP GAMMA1	X	.058	4.667
24	MP GAMMA1	X	.058	1.333
25	MP ALPHA3	Y	.086	4.833
26	MP ALPHA3	Y	.086	3.167
27	MP ALPHA3	X	.05	4.833
28	MP ALPHA3	X	.05	3.167
29	MP BETA3	Y	.044	4.833
30	MP BETA3	Y	.044	3.167
31	MP BETA3	X	.025	4.833
32	MP BETA3	X	.025	3.167
33	MP GAMMA3	Y	.086	4.833
34	MP GAMMA3	Y	.086	3.167
35	MP GAMMA3	X	.05	4.833
36	MP GAMMA3	X	.05	3.167
37	MP ALPHA2	Y	.242	6.917
38	MP ALPHA2	Y	.242	1.083
39	MP ALPHA2	X	.14	6.917
40	MP ALPHA2	X	.14	1.083
41	MP BETA2	Y	.105	6.917
42	MP BETA2	Y	.105	1.083
43	MP BETA2	X	.06	6.917
44	MP BETA2	X	.06	1.083
45	MP GAMMA2	Y	.242	6.917
46	MP GAMMA2	Y	.242	1.083
47	MP GAMMA2	X	.14	6.917
48	MP GAMMA2	X	.14	1.083
49	MP ALPHA1	Y	.011	3
50	MP ALPHA1	X	.006	3
51	MP BETA1	Y	.006	3
52	MP BETA1	X	.004	3
53	MP GAMMA1	Y	.011	3
54	MP GAMMA1	X	.006	3
55	MP ALPHA2	Y	.066	4
56	MP ALPHA2	X	.038	4
57	MP BETA2	Y	.056	4
58	MP BETA2	X	.032	4
59	MP GAMMA2	Y	.066	4
60	MP GAMMA2	X	.038	4
61	MP ALPHA2	Y	.031	4
62	MP ALPHA2	X	.018	4
63	MP BETA2	Y	.023	4
64	MP BETA2	X	.013	4
65	MP GAMMA2	Y	.031	4

Member Point Loads (BLC 10 : Wind Load (210)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
66	MP GAMMA2	X	.018	4

Member Point Loads (BLC 11 : Wind Load (240))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.053	4.667
2	MP ALPHA4	Y	.053	1.333
3	MP ALPHA4	X	.091	4.667
4	MP ALPHA4	X	.091	1.333
5	MP BETA4	Y	.053	4.667
6	MP BETA4	Y	.053	1.333
7	MP BETA4	X	.091	4.667
8	MP BETA4	X	.091	1.333
9	MP GAMMA4	Y	.066	4.667
10	MP GAMMA4	Y	.066	1.333
11	MP GAMMA4	X	.115	4.667
12	MP GAMMA4	X	.115	1.333
13	MP ALPHA1	Y	.049	4.667
14	MP ALPHA1	Y	.049	1.333
15	MP ALPHA1	X	.084	4.667
16	MP ALPHA1	X	.084	1.333
17	MP BETA1	Y	.049	4.667
18	MP BETA1	Y	.049	1.333
19	MP BETA1	X	.084	4.667
20	MP BETA1	X	.084	1.333
21	MP GAMMA1	Y	.062	4.667
22	MP GAMMA1	Y	.062	1.333
23	MP GAMMA1	X	.108	4.667
24	MP GAMMA1	X	.108	1.333
25	MP ALPHA3	Y	.034	4.833
26	MP ALPHA3	Y	.034	3.167
27	MP ALPHA3	X	.058	4.833
28	MP ALPHA3	X	.058	3.167
29	MP BETA3	Y	.034	4.833
30	MP BETA3	Y	.034	3.167
31	MP BETA3	X	.058	4.833
32	MP BETA3	X	.058	3.167
33	MP GAMMA3	Y	.058	4.833
34	MP GAMMA3	Y	.058	3.167
35	MP GAMMA3	X	.101	4.833
36	MP GAMMA3	X	.101	3.167
37	MP ALPHA2	Y	.087	6.917
38	MP ALPHA2	Y	.087	1.083
39	MP ALPHA2	X	.151	6.917
40	MP ALPHA2	X	.151	1.083
41	MP BETA2	Y	.087	6.917
42	MP BETA2	Y	.087	1.083
43	MP BETA2	X	.151	6.917
44	MP BETA2	X	.151	1.083
45	MP GAMMA2	Y	.166	6.917
46	MP GAMMA2	Y	.166	1.083
47	MP GAMMA2	X	.288	6.917
48	MP GAMMA2	X	.288	1.083
49	MP ALPHA1	Y	.004	3
50	MP ALPHA1	X	.008	3
51	MP BETA1	Y	.004	3
52	MP BETA1	X	.008	3

Member Point Loads (BLC 11 : Wind Load (240)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP GAMMA1	Y	.007	3
54	MP GAMMA1	X	.012	3
55	MP ALPHA2	Y	.034	4
56	MP ALPHA2	X	.06	4
57	MP BETA2	Y	.034	4
58	MP BETA2	X	.06	4
59	MP GAMMA2	Y	.04	4
60	MP GAMMA2	X	.07	4
61	MP ALPHA2	Y	.015	4
62	MP ALPHA2	X	.026	4
63	MP BETA2	Y	.015	4
64	MP BETA2	X	.026	4
65	MP GAMMA2	Y	.019	4
66	MP GAMMA2	X	.033	4

Member Point Loads (BLC 12 : Wind Load (270))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	X	.096	4.667
2	MP ALPHA4	X	.096	1.333
3	MP BETA4	X	.124	4.667
4	MP BETA4	X	.124	1.333
5	MP GAMMA4	X	.124	4.667
6	MP GAMMA4	X	.124	1.333
7	MP ALPHA1	X	.088	4.667
8	MP ALPHA1	X	.088	1.333
9	MP BETA1	X	.116	4.667
10	MP BETA1	X	.116	1.333
11	MP GAMMA1	X	.116	4.667
12	MP GAMMA1	X	.116	1.333
13	MP ALPHA3	X	.051	4.833
14	MP ALPHA3	X	.051	3.167
15	MP BETA3	X	.1	4.833
16	MP BETA3	X	.1	3.167
17	MP GAMMA3	X	.1	4.833
18	MP GAMMA3	X	.1	3.167
19	MP ALPHA2	X	.121	6.917
20	MP ALPHA2	X	.121	1.083
21	MP BETA2	X	.28	6.917
22	MP BETA2	X	.28	1.083
23	MP GAMMA2	X	.28	6.917
24	MP GAMMA2	X	.28	1.083
25	MP ALPHA1	X	.007	3
26	MP BETA1	X	.013	3
27	MP GAMMA1	X	.013	3
28	MP ALPHA2	X	.065	4
29	MP BETA2	X	.077	4
30	MP GAMMA2	X	.077	4
31	MP ALPHA2	X	.027	4
32	MP BETA2	X	.036	4
33	MP GAMMA2	X	.036	4

Member Point Loads (BLC 13 : Wind Load (300))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.053	4.667
2	MP ALPHA4	Y	-.053	1.333
3	MP ALPHA4	X	.091	4.667

Member Point Loads (BLC 13 : Wind Load (300)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
4	MP ALPHA4	X	.091	1.333
5	MP BETA4	Y	-.066	4.667
6	MP BETA4	Y	-.066	1.333
7	MP BETA4	X	.115	4.667
8	MP BETA4	X	.115	1.333
9	MP GAMMA4	Y	-.053	4.667
10	MP GAMMA4	Y	-.053	1.333
11	MP GAMMA4	X	.091	4.667
12	MP GAMMA4	X	.091	1.333
13	MP ALPHA1	Y	-.049	4.667
14	MP ALPHA1	Y	-.049	1.333
15	MP ALPHA1	X	.084	4.667
16	MP ALPHA1	X	.084	1.333
17	MP BETA1	Y	-.062	4.667
18	MP BETA1	Y	-.062	1.333
19	MP BETA1	X	.108	4.667
20	MP BETA1	X	.108	1.333
21	MP GAMMA1	Y	-.049	4.667
22	MP GAMMA1	Y	-.049	1.333
23	MP GAMMA1	X	.084	4.667
24	MP GAMMA1	X	.084	1.333
25	MP ALPHA3	Y	-.034	4.833
26	MP ALPHA3	Y	-.034	3.167
27	MP ALPHA3	X	.058	4.833
28	MP ALPHA3	X	.058	3.167
29	MP BETA3	Y	-.058	4.833
30	MP BETA3	Y	-.058	3.167
31	MP BETA3	X	.101	4.833
32	MP BETA3	X	.101	3.167
33	MP GAMMA3	Y	-.034	4.833
34	MP GAMMA3	Y	-.034	3.167
35	MP GAMMA3	X	.058	4.833
36	MP GAMMA3	X	.058	3.167
37	MP ALPHA2	Y	-.087	6.917
38	MP ALPHA2	Y	-.087	1.083
39	MP ALPHA2	X	.151	6.917
40	MP ALPHA2	X	.151	1.083
41	MP BETA2	Y	-.166	6.917
42	MP BETA2	Y	-.166	1.083
43	MP BETA2	X	.288	6.917
44	MP BETA2	X	.288	1.083
45	MP GAMMA2	Y	-.087	6.917
46	MP GAMMA2	Y	-.087	1.083
47	MP GAMMA2	X	.151	6.917
48	MP GAMMA2	X	.151	1.083
49	MP ALPHA1	Y	-.004	3
50	MP ALPHA1	X	.008	3
51	MP BETA1	Y	-.007	3
52	MP BETA1	X	.012	3
53	MP GAMMA1	Y	-.004	3
54	MP GAMMA1	X	.008	3
55	MP ALPHA2	Y	-.034	4
56	MP ALPHA2	X	.06	4
57	MP BETA2	Y	-.04	4
58	MP BETA2	X	.07	4
59	MP GAMMA2	Y	-.034	4
60	MP GAMMA2	X	.06	4

Member Point Loads (BLC 13 : Wind Load (300)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
61	MP ALPHA2	Y	-.015	4
62	MP ALPHA2	X	.026	4
63	MP BETA2	Y	-.019	4
64	MP BETA2	X	.033	4
65	MP GAMMA2	Y	-.015	4
66	MP GAMMA2	X	.026	4

Member Point Loads (BLC 14 : Wind Load (330))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.107	4.667
2	MP ALPHA4	Y	-.107	1.333
3	MP ALPHA4	X	.062	4.667
4	MP ALPHA4	X	.062	1.333
5	MP BETA4	Y	-.107	4.667
6	MP BETA4	Y	-.107	1.333
7	MP BETA4	X	.062	4.667
8	MP BETA4	X	.062	1.333
9	MP GAMMA4	Y	-.083	4.667
10	MP GAMMA4	Y	-.083	1.333
11	MP GAMMA4	X	.048	4.667
12	MP GAMMA4	X	.048	1.333
13	MP ALPHA1	Y	-.1	4.667
14	MP ALPHA1	Y	-.1	1.333
15	MP ALPHA1	X	.058	4.667
16	MP ALPHA1	X	.058	1.333
17	MP BETA1	Y	-.1	4.667
18	MP BETA1	Y	-.1	1.333
19	MP BETA1	X	.058	4.667
20	MP BETA1	X	.058	1.333
21	MP GAMMA1	Y	-.076	4.667
22	MP GAMMA1	Y	-.076	1.333
23	MP GAMMA1	X	.044	4.667
24	MP GAMMA1	X	.044	1.333
25	MP ALPHA3	Y	-.086	4.833
26	MP ALPHA3	Y	-.086	3.167
27	MP ALPHA3	X	.05	4.833
28	MP ALPHA3	X	.05	3.167
29	MP BETA3	Y	-.086	4.833
30	MP BETA3	Y	-.086	3.167
31	MP BETA3	X	.05	4.833
32	MP BETA3	X	.05	3.167
33	MP GAMMA3	Y	-.044	4.833
34	MP GAMMA3	Y	-.044	3.167
35	MP GAMMA3	X	.025	4.833
36	MP GAMMA3	X	.025	3.167
37	MP ALPHA2	Y	-.242	6.917
38	MP ALPHA2	Y	-.242	1.083
39	MP ALPHA2	X	.14	6.917
40	MP ALPHA2	X	.14	1.083
41	MP BETA2	Y	-.242	6.917
42	MP BETA2	Y	-.242	1.083
43	MP BETA2	X	.14	6.917
44	MP BETA2	X	.14	1.083
45	MP GAMMA2	Y	-.105	6.917
46	MP GAMMA2	Y	-.105	1.083
47	MP GAMMA2	X	.06	6.917

Member Point Loads (BLC 14 : Wind Load (330)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
48	MP GAMMA2	X	.06	1.083
49	MP ALPHA1	Y	-.011	3
50	MP ALPHA1	X	.006	3
51	MP BETA1	Y	-.011	3
52	MP BETA1	X	.006	3
53	MP GAMMA1	Y	-.006	3
54	MP GAMMA1	X	.004	3
55	MP ALPHA2	Y	-.066	4
56	MP ALPHA2	X	.038	4
57	MP BETA2	Y	-.066	4
58	MP BETA2	X	.038	4
59	MP GAMMA2	Y	-.056	4
60	MP GAMMA2	X	.032	4
61	MP ALPHA2	Y	-.031	4
62	MP ALPHA2	X	.018	4
63	MP BETA2	Y	-.031	4
64	MP BETA2	X	.018	4
65	MP GAMMA2	Y	-.023	4
66	MP GAMMA2	X	.013	4

Member Point Loads (BLC 15 : Maintanence (0))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.007	4.667
2	MP ALPHA4	Y	-.007	1.333
3	MP BETA4	Y	-.006	4.667
4	MP BETA4	Y	-.006	1.333
5	MP GAMMA4	Y	-.006	4.667
6	MP GAMMA4	Y	-.006	1.333
7	MP ALPHA1	Y	-.007	4.667
8	MP ALPHA1	Y	-.007	1.333
9	MP BETA1	Y	-.005	4.667
10	MP BETA1	Y	-.005	1.333
11	MP GAMMA1	Y	-.005	4.667
12	MP GAMMA1	Y	-.005	1.333
13	MP ALPHA3	Y	-.006	4.833
14	MP ALPHA3	Y	-.006	3.167
15	MP BETA3	Y	-.004	4.833
16	MP BETA3	Y	-.004	3.167
17	MP GAMMA3	Y	-.004	4.833
18	MP GAMMA3	Y	-.004	3.167
19	MP ALPHA2	Y	-.018	6.917
20	MP ALPHA2	Y	-.018	1.083
21	MP BETA2	Y	-.009	6.917
22	MP BETA2	Y	-.009	1.083
23	MP GAMMA2	Y	-.009	6.917
24	MP GAMMA2	Y	-.009	1.083
25	MP ALPHA1	Y	-.000761	3
26	MP BETA1	Y	-.000476	3
27	MP GAMMA1	Y	-.000476	3
28	MP ALPHA2	Y	-.004	4
29	MP BETA2	Y	-.004	4
30	MP GAMMA2	Y	-.004	4
31	MP ALPHA2	Y	-.002	4
32	MP BETA2	Y	-.002	4
33	MP GAMMA2	Y	-.002	4

Member Point Loads (BLC 16 : Maintanence (30))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.006	4.667
2	MP ALPHA4	Y	-.006	1.333
3	MP ALPHA4	X	-.003	4.667
4	MP ALPHA4	X	-.003	1.333
5	MP BETA4	Y	-.004	4.667
6	MP BETA4	Y	-.004	1.333
7	MP BETA4	X	-.003	4.667
8	MP BETA4	X	-.003	1.333
9	MP GAMMA4	Y	-.006	4.667
10	MP GAMMA4	Y	-.006	1.333
11	MP GAMMA4	X	-.003	4.667
12	MP GAMMA4	X	-.003	1.333
13	MP ALPHA1	Y	-.005	4.667
14	MP ALPHA1	Y	-.005	1.333
15	MP ALPHA1	X	-.003	4.667
16	MP ALPHA1	X	-.003	1.333
17	MP BETA1	Y	-.004	4.667
18	MP BETA1	Y	-.004	1.333
19	MP BETA1	X	-.002	4.667
20	MP BETA1	X	-.002	1.333
21	MP GAMMA1	Y	-.005	4.667
22	MP GAMMA1	Y	-.005	1.333
23	MP GAMMA1	X	-.003	4.667
24	MP GAMMA1	X	-.003	1.333
25	MP ALPHA3	Y	-.005	4.833
26	MP ALPHA3	Y	-.005	3.167
27	MP ALPHA3	X	-.003	4.833
28	MP ALPHA3	X	-.003	3.167
29	MP BETA3	Y	-.002	4.833
30	MP BETA3	Y	-.002	3.167
31	MP BETA3	X	-.001	4.833
32	MP BETA3	X	-.001	3.167
33	MP GAMMA3	Y	-.005	4.833
34	MP GAMMA3	Y	-.005	3.167
35	MP GAMMA3	X	-.003	4.833
36	MP GAMMA3	X	-.003	3.167
37	MP ALPHA2	Y	-.013	6.917
38	MP ALPHA2	Y	-.013	1.083
39	MP ALPHA2	X	-.007	6.917
40	MP ALPHA2	X	-.007	1.083
41	MP BETA2	Y	-.006	6.917
42	MP BETA2	Y	-.006	1.083
43	MP BETA2	X	-.003	6.917
44	MP BETA2	X	-.003	1.083
45	MP GAMMA2	Y	-.013	6.917
46	MP GAMMA2	Y	-.013	1.083
47	MP GAMMA2	X	-.007	6.917
48	MP GAMMA2	X	-.007	1.083
49	MP ALPHA1	Y	-.000577	3
50	MP ALPHA1	X	-.000333	3
51	MP BETA1	Y	-.00033	3
52	MP BETA1	X	-.00019	3
53	MP GAMMA1	Y	-.000577	3
54	MP GAMMA1	X	-.000333	3
55	MP ALPHA2	Y	-.004	4
56	MP ALPHA2	X	-.002	4
57	MP BETA2	Y	-.003	4

Member Point Loads (BLC 16 : Maintanence (30)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
58	MP BETA2	X	-.002	4
59	MP GAMMA2	Y	-.004	4
60	MP GAMMA2	X	-.002	4
61	MP ALPHA2	Y	-.002	4
62	MP ALPHA2	X	-.000948	4
63	MP BETA2	Y	-.001	4
64	MP BETA2	X	-.000712	4
65	MP GAMMA2	Y	-.002	4
66	MP GAMMA2	X	-.000948	4

Member Point Loads (BLC 17 : Maintanence (60))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.003	4.667
2	MP ALPHA4	Y	-.003	1.333
3	MP ALPHA4	X	-.005	4.667
4	MP ALPHA4	X	-.005	1.333
5	MP BETA4	Y	-.003	4.667
6	MP BETA4	Y	-.003	1.333
7	MP BETA4	X	-.005	4.667
8	MP BETA4	X	-.005	1.333
9	MP GAMMA4	Y	-.004	4.667
10	MP GAMMA4	Y	-.004	1.333
11	MP GAMMA4	X	-.006	4.667
12	MP GAMMA4	X	-.006	1.333
13	MP ALPHA1	Y	-.003	4.667
14	MP ALPHA1	Y	-.003	1.333
15	MP ALPHA1	X	-.004	4.667
16	MP ALPHA1	X	-.004	1.333
17	MP BETA1	Y	-.003	4.667
18	MP BETA1	Y	-.003	1.333
19	MP BETA1	X	-.004	4.667
20	MP BETA1	X	-.004	1.333
21	MP GAMMA1	Y	-.003	4.667
22	MP GAMMA1	Y	-.003	1.333
23	MP GAMMA1	X	-.006	4.667
24	MP GAMMA1	X	-.006	1.333
25	MP ALPHA3	Y	-.002	4.833
26	MP ALPHA3	Y	-.002	3.167
27	MP ALPHA3	X	-.003	4.833
28	MP ALPHA3	X	-.003	3.167
29	MP BETA3	Y	-.002	4.833
30	MP BETA3	Y	-.002	3.167
31	MP BETA3	X	-.003	4.833
32	MP BETA3	X	-.003	3.167
33	MP GAMMA3	Y	-.003	4.833
34	MP GAMMA3	Y	-.003	3.167
35	MP GAMMA3	X	-.005	4.833
36	MP GAMMA3	X	-.005	3.167
37	MP ALPHA2	Y	-.005	6.917
38	MP ALPHA2	Y	-.005	1.083
39	MP ALPHA2	X	-.008	6.917
40	MP ALPHA2	X	-.008	1.083
41	MP BETA2	Y	-.005	6.917
42	MP BETA2	Y	-.005	1.083
43	MP BETA2	X	-.008	6.917
44	MP BETA2	X	-.008	1.083

Member Point Loads (BLC 17 : Maintanence (60)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
45	MP GAMMA2	Y	-.009	6.917
46	MP GAMMA2	Y	-.009	1.083
47	MP GAMMA2	X	-.015	6.917
48	MP GAMMA2	X	-.015	1.083
49	MP ALPHA1	Y	-.000238	3
50	MP ALPHA1	X	-.000412	3
51	MP BETA1	Y	-.000238	3
52	MP BETA1	X	-.000412	3
53	MP GAMMA1	Y	-.000381	3
54	MP GAMMA1	X	-.000659	3
55	MP ALPHA2	Y	-.002	4
56	MP ALPHA2	X	-.003	4
57	MP BETA2	Y	-.002	4
58	MP BETA2	X	-.003	4
59	MP GAMMA2	Y	-.002	4
60	MP GAMMA2	X	-.004	4
61	MP ALPHA2	Y	-.000791	4
62	MP ALPHA2	X	-.001	4
63	MP BETA2	Y	-.000791	4
64	MP BETA2	X	-.001	4
65	MP GAMMA2	Y	-.001	4
66	MP GAMMA2	X	-.002	4

Member Point Loads (BLC 18 : Maintanence (90))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	X	-.005	4.667
2	MP ALPHA4	X	-.005	1.333
3	MP BETA4	X	-.007	4.667
4	MP BETA4	X	-.007	1.333
5	MP GAMMA4	X	-.007	4.667
6	MP GAMMA4	X	-.007	1.333
7	MP ALPHA1	X	-.005	4.667
8	MP ALPHA1	X	-.005	1.333
9	MP BETA1	X	-.006	4.667
10	MP BETA1	X	-.006	1.333
11	MP GAMMA1	X	-.006	4.667
12	MP GAMMA1	X	-.006	1.333
13	MP ALPHA3	X	-.003	4.833
14	MP ALPHA3	X	-.003	3.167
15	MP BETA3	X	-.005	4.833
16	MP BETA3	X	-.005	3.167
17	MP GAMMA3	X	-.005	4.833
18	MP GAMMA3	X	-.005	3.167
19	MP ALPHA2	X	-.006	6.917
20	MP ALPHA2	X	-.006	1.083
21	MP BETA2	X	-.015	6.917
22	MP BETA2	X	-.015	1.083
23	MP GAMMA2	X	-.015	6.917
24	MP GAMMA2	X	-.015	1.083
25	MP ALPHA1	X	-.000381	3
26	MP BETA1	X	-.000666	3
27	MP GAMMA1	X	-.000666	3
28	MP ALPHA2	X	-.003	4
29	MP BETA2	X	-.004	4
30	MP GAMMA2	X	-.004	4
31	MP ALPHA2	X	-.001	4

Member Point Loads (BLC 18 : Maintanence (90)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
32	MP BETA2	X	-.002	4
33	MP GAMMA2	X	-.002	4

Member Point Loads (BLC 19 : Maintanence (120))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.003	4.667
2	MP ALPHA4	Y	.003	1.333
3	MP ALPHA4	X	-.005	4.667
4	MP ALPHA4	X	-.005	1.333
5	MP BETA4	Y	.004	4.667
6	MP BETA4	Y	.004	1.333
7	MP BETA4	X	-.006	4.667
8	MP BETA4	X	-.006	1.333
9	MP GAMMA4	Y	.003	4.667
10	MP GAMMA4	Y	.003	1.333
11	MP GAMMA4	X	-.005	4.667
12	MP GAMMA4	X	-.005	1.333
13	MP ALPHA1	Y	.003	4.667
14	MP ALPHA1	Y	.003	1.333
15	MP ALPHA1	X	-.004	4.667
16	MP ALPHA1	X	-.004	1.333
17	MP BETA1	Y	.003	4.667
18	MP BETA1	Y	.003	1.333
19	MP BETA1	X	-.006	4.667
20	MP BETA1	X	-.006	1.333
21	MP GAMMA1	Y	.003	4.667
22	MP GAMMA1	Y	.003	1.333
23	MP GAMMA1	X	-.004	4.667
24	MP GAMMA1	X	-.004	1.333
25	MP ALPHA3	Y	.002	4.833
26	MP ALPHA3	Y	.002	3.167
27	MP ALPHA3	X	-.003	4.833
28	MP ALPHA3	X	-.003	3.167
29	MP BETA3	Y	.003	4.833
30	MP BETA3	Y	.003	3.167
31	MP BETA3	X	-.005	4.833
32	MP BETA3	X	-.005	3.167
33	MP GAMMA3	Y	.002	4.833
34	MP GAMMA3	Y	.002	3.167
35	MP GAMMA3	X	-.003	4.833
36	MP GAMMA3	X	-.003	3.167
37	MP ALPHA2	Y	.005	6.917
38	MP ALPHA2	Y	.005	1.083
39	MP ALPHA2	X	-.008	6.917
40	MP ALPHA2	X	-.008	1.083
41	MP BETA2	Y	.009	6.917
42	MP BETA2	Y	.009	1.083
43	MP BETA2	X	-.015	6.917
44	MP BETA2	X	-.015	1.083
45	MP GAMMA2	Y	.005	6.917
46	MP GAMMA2	Y	.005	1.083
47	MP GAMMA2	X	-.008	6.917
48	MP GAMMA2	X	-.008	1.083
49	MP ALPHA1	Y	.000238	3
50	MP ALPHA1	X	-.000412	3
51	MP BETA1	Y	.000381	3

Member Point Loads (BLC 19 : Maintanence (120)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
52	MP BETA1	X	-.000659	3
53	MP GAMMA1	Y	.000238	3
54	MP GAMMA1	X	-.000412	3
55	MP ALPHA2	Y	.002	4
56	MP ALPHA2	X	-.003	4
57	MP BETA2	Y	.002	4
58	MP BETA2	X	-.004	4
59	MP GAMMA2	Y	.002	4
60	MP GAMMA2	X	-.003	4
61	MP ALPHA2	Y	.000791	4
62	MP ALPHA2	X	-.001	4
63	MP BETA2	Y	.001	4
64	MP BETA2	X	-.002	4
65	MP GAMMA2	Y	.000791	4
66	MP GAMMA2	X	-.001	4

Member Point Loads (BLC 20 : Maintanence (150))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.006	4.667
2	MP ALPHA4	Y	.006	1.333
3	MP ALPHA4	X	-.003	4.667
4	MP ALPHA4	X	-.003	1.333
5	MP BETA4	Y	.006	4.667
6	MP BETA4	Y	.006	1.333
7	MP BETA4	X	-.003	4.667
8	MP BETA4	X	-.003	1.333
9	MP GAMMA4	Y	.004	4.667
10	MP GAMMA4	Y	.004	1.333
11	MP GAMMA4	X	-.003	4.667
12	MP GAMMA4	X	-.003	1.333
13	MP ALPHA1	Y	.005	4.667
14	MP ALPHA1	Y	.005	1.333
15	MP ALPHA1	X	-.003	4.667
16	MP ALPHA1	X	-.003	1.333
17	MP BETA1	Y	.005	4.667
18	MP BETA1	Y	.005	1.333
19	MP BETA1	X	-.003	4.667
20	MP BETA1	X	-.003	1.333
21	MP GAMMA1	Y	.004	4.667
22	MP GAMMA1	Y	.004	1.333
23	MP GAMMA1	X	-.002	4.667
24	MP GAMMA1	X	-.002	1.333
25	MP ALPHA3	Y	.005	4.833
26	MP ALPHA3	Y	.005	3.167
27	MP ALPHA3	X	-.003	4.833
28	MP ALPHA3	X	-.003	3.167
29	MP BETA3	Y	.005	4.833
30	MP BETA3	Y	.005	3.167
31	MP BETA3	X	-.003	4.833
32	MP BETA3	X	-.003	3.167
33	MP GAMMA3	Y	.002	4.833
34	MP GAMMA3	Y	.002	3.167
35	MP GAMMA3	X	-.001	4.833
36	MP GAMMA3	X	-.001	3.167
37	MP ALPHA2	Y	.013	6.917
38	MP ALPHA2	Y	.013	1.083

Member Point Loads (BLC 20 : Maintanence (150)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
39	MP ALPHA2	X	-.007	6.917
40	MP ALPHA2	X	-.007	1.083
41	MP BETA2	Y	.013	6.917
42	MP BETA2	Y	.013	1.083
43	MP BETA2	X	-.007	6.917
44	MP BETA2	X	-.007	1.083
45	MP GAMMA2	Y	.006	6.917
46	MP GAMMA2	Y	.006	1.083
47	MP GAMMA2	X	-.003	6.917
48	MP GAMMA2	X	-.003	1.083
49	MP ALPHA1	Y	.000577	3
50	MP ALPHA1	X	-.000333	3
51	MP BETA1	Y	.000577	3
52	MP BETA1	X	-.000333	3
53	MP GAMMA1	Y	.00033	3
54	MP GAMMA1	X	-.00019	3
55	MP ALPHA2	Y	.004	4
56	MP ALPHA2	X	-.002	4
57	MP BETA2	Y	.004	4
58	MP BETA2	X	-.002	4
59	MP GAMMA2	Y	.003	4
60	MP GAMMA2	X	-.002	4
61	MP ALPHA2	Y	.002	4
62	MP ALPHA2	X	-.000948	4
63	MP BETA2	Y	.002	4
64	MP BETA2	X	-.000948	4
65	MP GAMMA2	Y	.001	4
66	MP GAMMA2	X	-.000712	4

Member Point Loads (BLC 21 : Maintanence (180))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.007	4.667
2	MP ALPHA4	Y	.007	1.333
3	MP BETA4	Y	.006	4.667
4	MP BETA4	Y	.006	1.333
5	MP GAMMA4	Y	.006	4.667
6	MP GAMMA4	Y	.006	1.333
7	MP ALPHA1	Y	.007	4.667
8	MP ALPHA1	Y	.007	1.333
9	MP BETA1	Y	.005	4.667
10	MP BETA1	Y	.005	1.333
11	MP GAMMA1	Y	.005	4.667
12	MP GAMMA1	Y	.005	1.333
13	MP ALPHA3	Y	.006	4.833
14	MP ALPHA3	Y	.006	3.167
15	MP BETA3	Y	.004	4.833
16	MP BETA3	Y	.004	3.167
17	MP GAMMA3	Y	.004	4.833
18	MP GAMMA3	Y	.004	3.167
19	MP ALPHA2	Y	.018	6.917
20	MP ALPHA2	Y	.018	1.083
21	MP BETA2	Y	.009	6.917
22	MP BETA2	Y	.009	1.083
23	MP GAMMA2	Y	.009	6.917
24	MP GAMMA2	Y	.009	1.083
25	MP ALPHA1	Y	.000761	3

Member Point Loads (BLC 21 : Maintanence (180)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
26	MP BETA1	Y	.000476	3
27	MP GAMMA1	Y	.000476	3
28	MP ALPHA2	Y	.004	4
29	MP BETA2	Y	.004	4
30	MP GAMMA2	Y	.004	4
31	MP ALPHA2	Y	.002	4
32	MP BETA2	Y	.002	4
33	MP GAMMA2	Y	.002	4

Member Point Loads (BLC 22 : Maintanence (210))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.006	4.667
2	MP ALPHA4	Y	.006	1.333
3	MP ALPHA4	X	.003	4.667
4	MP ALPHA4	X	.003	1.333
5	MP BETA4	Y	.004	4.667
6	MP BETA4	Y	.004	1.333
7	MP BETA4	X	.003	4.667
8	MP BETA4	X	.003	1.333
9	MP GAMMA4	Y	.006	4.667
10	MP GAMMA4	Y	.006	1.333
11	MP GAMMA4	X	.003	4.667
12	MP GAMMA4	X	.003	1.333
13	MP ALPHA1	Y	.005	4.667
14	MP ALPHA1	Y	.005	1.333
15	MP ALPHA1	X	.003	4.667
16	MP ALPHA1	X	.003	1.333
17	MP BETA1	Y	.004	4.667
18	MP BETA1	Y	.004	1.333
19	MP BETA1	X	.002	4.667
20	MP BETA1	X	.002	1.333
21	MP GAMMA1	Y	.005	4.667
22	MP GAMMA1	Y	.005	1.333
23	MP GAMMA1	X	.003	4.667
24	MP GAMMA1	X	.003	1.333
25	MP ALPHA3	Y	.005	4.833
26	MP ALPHA3	Y	.005	3.167
27	MP ALPHA3	X	.003	4.833
28	MP ALPHA3	X	.003	3.167
29	MP BETA3	Y	.002	4.833
30	MP BETA3	Y	.002	3.167
31	MP BETA3	X	.001	4.833
32	MP BETA3	X	.001	3.167
33	MP GAMMA3	Y	.005	4.833
34	MP GAMMA3	Y	.005	3.167
35	MP GAMMA3	X	.003	4.833
36	MP GAMMA3	X	.003	3.167
37	MP ALPHA2	Y	.013	6.917
38	MP ALPHA2	Y	.013	1.083
39	MP ALPHA2	X	.007	6.917
40	MP ALPHA2	X	.007	1.083
41	MP BETA2	Y	.006	6.917
42	MP BETA2	Y	.006	1.083
43	MP BETA2	X	.003	6.917
44	MP BETA2	X	.003	1.083
45	MP GAMMA2	Y	.013	6.917

Member Point Loads (BLC 22 : Maintanence (210)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
46	MP GAMMA2	Y	.013	1.083
47	MP GAMMA2	X	.007	6.917
48	MP GAMMA2	X	.007	1.083
49	MP ALPHA1	Y	.000577	3
50	MP ALPHA1	X	.000333	3
51	MP BETA1	Y	.00033	3
52	MP BETA1	X	.00019	3
53	MP GAMMA1	Y	.000577	3
54	MP GAMMA1	X	.000333	3
55	MP ALPHA2	Y	.004	4
56	MP ALPHA2	X	.002	4
57	MP BETA2	Y	.003	4
58	MP BETA2	X	.002	4
59	MP GAMMA2	Y	.004	4
60	MP GAMMA2	X	.002	4
61	MP ALPHA2	Y	.002	4
62	MP ALPHA2	X	.000948	4
63	MP BETA2	Y	.001	4
64	MP BETA2	X	.000712	4
65	MP GAMMA2	Y	.002	4
66	MP GAMMA2	X	.000948	4

Member Point Loads (BLC 23 : Maintanence (240))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.003	4.667
2	MP ALPHA4	Y	.003	1.333
3	MP ALPHA4	X	.005	4.667
4	MP ALPHA4	X	.005	1.333
5	MP BETA4	Y	.003	4.667
6	MP BETA4	Y	.003	1.333
7	MP BETA4	X	.005	4.667
8	MP BETA4	X	.005	1.333
9	MP GAMMA4	Y	.004	4.667
10	MP GAMMA4	Y	.004	1.333
11	MP GAMMA4	X	.006	4.667
12	MP GAMMA4	X	.006	1.333
13	MP ALPHA1	Y	.003	4.667
14	MP ALPHA1	Y	.003	1.333
15	MP ALPHA1	X	.004	4.667
16	MP ALPHA1	X	.004	1.333
17	MP BETA1	Y	.003	4.667
18	MP BETA1	Y	.003	1.333
19	MP BETA1	X	.004	4.667
20	MP BETA1	X	.004	1.333
21	MP GAMMA1	Y	.003	4.667
22	MP GAMMA1	Y	.003	1.333
23	MP GAMMA1	X	.006	4.667
24	MP GAMMA1	X	.006	1.333
25	MP ALPHA3	Y	.002	4.833
26	MP ALPHA3	Y	.002	3.167
27	MP ALPHA3	X	.003	4.833
28	MP ALPHA3	X	.003	3.167
29	MP BETA3	Y	.002	4.833
30	MP BETA3	Y	.002	3.167
31	MP BETA3	X	.003	4.833
32	MP BETA3	X	.003	3.167

Member Point Loads (BLC 23 : Maintanence (240)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
33	MP GAMMA3	Y	.003	4.833
34	MP GAMMA3	Y	.003	3.167
35	MP GAMMA3	X	.005	4.833
36	MP GAMMA3	X	.005	3.167
37	MP ALPHA2	Y	.005	6.917
38	MP ALPHA2	Y	.005	1.083
39	MP ALPHA2	X	.008	6.917
40	MP ALPHA2	X	.008	1.083
41	MP BETA2	Y	.005	6.917
42	MP BETA2	Y	.005	1.083
43	MP BETA2	X	.008	6.917
44	MP BETA2	X	.008	1.083
45	MP GAMMA2	Y	.009	6.917
46	MP GAMMA2	Y	.009	1.083
47	MP GAMMA2	X	.015	6.917
48	MP GAMMA2	X	.015	1.083
49	MP ALPHA1	Y	.000238	3
50	MP ALPHA1	X	.000412	3
51	MP BETA1	Y	.000238	3
52	MP BETA1	X	.000412	3
53	MP GAMMA1	Y	.000381	3
54	MP GAMMA1	X	.000659	3
55	MP ALPHA2	Y	.002	4
56	MP ALPHA2	X	.003	4
57	MP BETA2	Y	.002	4
58	MP BETA2	X	.003	4
59	MP GAMMA2	Y	.002	4
60	MP GAMMA2	X	.004	4
61	MP ALPHA2	Y	.000791	4
62	MP ALPHA2	X	.001	4
63	MP BETA2	Y	.000791	4
64	MP BETA2	X	.001	4
65	MP GAMMA2	Y	.001	4
66	MP GAMMA2	X	.002	4

Member Point Loads (BLC 24 : Maintanence (270))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	X	.005	4.667
2	MP ALPHA4	X	.005	1.333
3	MP BETA4	X	.007	4.667
4	MP BETA4	X	.007	1.333
5	MP GAMMA4	X	.007	4.667
6	MP GAMMA4	X	.007	1.333
7	MP ALPHA1	X	.005	4.667
8	MP ALPHA1	X	.005	1.333
9	MP BETA1	X	.006	4.667
10	MP BETA1	X	.006	1.333
11	MP GAMMA1	X	.006	4.667
12	MP GAMMA1	X	.006	1.333
13	MP ALPHA3	X	.003	4.833
14	MP ALPHA3	X	.003	3.167
15	MP BETA3	X	.005	4.833
16	MP BETA3	X	.005	3.167
17	MP GAMMA3	X	.005	4.833
18	MP GAMMA3	X	.005	3.167
19	MP ALPHA2	X	.006	6.917

Member Point Loads (BLC 24 : Maintanence (270)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
20	MP ALPHA2	X	.006	1.083
21	MP BETA2	X	.015	6.917
22	MP BETA2	X	.015	1.083
23	MP GAMMA2	X	.015	6.917
24	MP GAMMA2	X	.015	1.083
25	MP ALPHA1	X	.000381	3
26	MP BETA1	X	.000666	3
27	MP GAMMA1	X	.000666	3
28	MP ALPHA2	X	.003	4
29	MP BETA2	X	.004	4
30	MP GAMMA2	X	.004	4
31	MP ALPHA2	X	.001	4
32	MP BETA2	X	.002	4
33	MP GAMMA2	X	.002	4

Member Point Loads (BLC 25 : Maintanence (300))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.003	4.667
2	MP ALPHA4	Y	-.003	1.333
3	MP ALPHA4	X	.005	4.667
4	MP ALPHA4	X	.005	1.333
5	MP BETA4	Y	-.004	4.667
6	MP BETA4	Y	-.004	1.333
7	MP BETA4	X	.006	4.667
8	MP BETA4	X	.006	1.333
9	MP GAMMA4	Y	-.003	4.667
10	MP GAMMA4	Y	-.003	1.333
11	MP GAMMA4	X	.005	4.667
12	MP GAMMA4	X	.005	1.333
13	MP ALPHA1	Y	-.003	4.667
14	MP ALPHA1	Y	-.003	1.333
15	MP ALPHA1	X	.004	4.667
16	MP ALPHA1	X	.004	1.333
17	MP BETA1	Y	-.003	4.667
18	MP BETA1	Y	-.003	1.333
19	MP BETA1	X	.006	4.667
20	MP BETA1	X	.006	1.333
21	MP GAMMA1	Y	-.003	4.667
22	MP GAMMA1	Y	-.003	1.333
23	MP GAMMA1	X	.004	4.667
24	MP GAMMA1	X	.004	1.333
25	MP ALPHA3	Y	-.002	4.833
26	MP ALPHA3	Y	-.002	3.167
27	MP ALPHA3	X	.003	4.833
28	MP ALPHA3	X	.003	3.167
29	MP BETA3	Y	-.003	4.833
30	MP BETA3	Y	-.003	3.167
31	MP BETA3	X	.005	4.833
32	MP BETA3	X	.005	3.167
33	MP GAMMA3	Y	-.002	4.833
34	MP GAMMA3	Y	-.002	3.167
35	MP GAMMA3	X	.003	4.833
36	MP GAMMA3	X	.003	3.167
37	MP ALPHA2	Y	-.005	6.917
38	MP ALPHA2	Y	-.005	1.083
39	MP ALPHA2	X	.008	6.917

Member Point Loads (BLC 25 : Maintanence (300)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
40	MP ALPHA2	X	.008	1.083
41	MP BETA2	Y	-.009	6.917
42	MP BETA2	Y	-.009	1.083
43	MP BETA2	X	.015	6.917
44	MP BETA2	X	.015	1.083
45	MP GAMMA2	Y	-.005	6.917
46	MP GAMMA2	Y	-.005	1.083
47	MP GAMMA2	X	.008	6.917
48	MP GAMMA2	X	.008	1.083
49	MP ALPHA1	Y	-.000238	3
50	MP ALPHA1	X	.000412	3
51	MP BETA1	Y	-.000381	3
52	MP BETA1	X	.000659	3
53	MP GAMMA1	Y	-.000238	3
54	MP GAMMA1	X	.000412	3
55	MP ALPHA2	Y	-.002	4
56	MP ALPHA2	X	.003	4
57	MP BETA2	Y	-.002	4
58	MP BETA2	X	.004	4
59	MP GAMMA2	Y	-.002	4
60	MP GAMMA2	X	.003	4
61	MP ALPHA2	Y	-.000791	4
62	MP ALPHA2	X	.001	4
63	MP BETA2	Y	-.001	4
64	MP BETA2	X	.002	4
65	MP GAMMA2	Y	-.000791	4
66	MP GAMMA2	X	.001	4

Member Point Loads (BLC 26 : Maintanence (330))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.006	4.667
2	MP ALPHA4	Y	-.006	1.333
3	MP ALPHA4	X	.003	4.667
4	MP ALPHA4	X	.003	1.333
5	MP BETA4	Y	-.006	4.667
6	MP BETA4	Y	-.006	1.333
7	MP BETA4	X	.003	4.667
8	MP BETA4	X	.003	1.333
9	MP GAMMA4	Y	-.004	4.667
10	MP GAMMA4	Y	-.004	1.333
11	MP GAMMA4	X	.003	4.667
12	MP GAMMA4	X	.003	1.333
13	MP ALPHA1	Y	-.005	4.667
14	MP ALPHA1	Y	-.005	1.333
15	MP ALPHA1	X	.003	4.667
16	MP ALPHA1	X	.003	1.333
17	MP BETA1	Y	-.005	4.667
18	MP BETA1	Y	-.005	1.333
19	MP BETA1	X	.003	4.667
20	MP BETA1	X	.003	1.333
21	MP GAMMA1	Y	-.004	4.667
22	MP GAMMA1	Y	-.004	1.333
23	MP GAMMA1	X	.002	4.667
24	MP GAMMA1	X	.002	1.333
25	MP ALPHA3	Y	-.005	4.833
26	MP ALPHA3	Y	-.005	3.167

Member Point Loads (BLC 26 : Maintanence (330)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
27	MP ALPHA3	X	.003	4.833
28	MP ALPHA3	X	.003	3.167
29	MP BETA3	Y	-.005	4.833
30	MP BETA3	Y	-.005	3.167
31	MP BETA3	X	.003	4.833
32	MP BETA3	X	.003	3.167
33	MP GAMMA3	Y	-.002	4.833
34	MP GAMMA3	Y	-.002	3.167
35	MP GAMMA3	X	.001	4.833
36	MP GAMMA3	X	.001	3.167
37	MP ALPHA2	Y	-.013	6.917
38	MP ALPHA2	Y	-.013	1.083
39	MP ALPHA2	X	.007	6.917
40	MP ALPHA2	X	.007	1.083
41	MP BETA2	Y	-.013	6.917
42	MP BETA2	Y	-.013	1.083
43	MP BETA2	X	.007	6.917
44	MP BETA2	X	.007	1.083
45	MP GAMMA2	Y	-.006	6.917
46	MP GAMMA2	Y	-.006	1.083
47	MP GAMMA2	X	.003	6.917
48	MP GAMMA2	X	.003	1.083
49	MP ALPHA1	Y	-.000577	3
50	MP ALPHA1	X	.000333	3
51	MP BETA1	Y	-.000577	3
52	MP BETA1	X	.000333	3
53	MP GAMMA1	Y	-.00033	3
54	MP GAMMA1	X	.00019	3
55	MP ALPHA2	Y	-.004	4
56	MP ALPHA2	X	.002	4
57	MP BETA2	Y	-.004	4
58	MP BETA2	X	.002	4
59	MP GAMMA2	Y	-.003	4
60	MP GAMMA2	X	.002	4
61	MP ALPHA2	Y	-.002	4
62	MP ALPHA2	X	.000948	4
63	MP BETA2	Y	-.002	4
64	MP BETA2	X	.000948	4
65	MP GAMMA2	Y	-.001	4
66	MP GAMMA2	X	.000712	4

Member Point Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Z	-.057	4.667
2	MP ALPHA4	Z	-.057	1.333
3	MP BETA4	Z	-.057	4.667
4	MP BETA4	Z	-.057	1.333
5	MP GAMMA4	Z	-.057	4.667
6	MP GAMMA4	Z	-.057	1.333
7	MP ALPHA1	Z	-.053	4.667
8	MP ALPHA1	Z	-.053	1.333
9	MP BETA1	Z	-.053	4.667
10	MP BETA1	Z	-.053	1.333
11	MP GAMMA1	Z	-.053	4.667
12	MP GAMMA1	Z	-.053	1.333
13	MP ALPHA3	Z	-.049	4.833

Member Point Loads (BLC 27 : Ice Dead Load) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
14	MP ALPHA3	Z	-.049	3.167
15	MP BETA3	Z	-.049	4.833
16	MP BETA3	Z	-.049	3.167
17	MP GAMMA3	Z	-.049	4.833
18	MP GAMMA3	Z	-.049	3.167
19	MP ALPHA2	Z	-.138	6.917
20	MP ALPHA2	Z	-.138	1.083
21	MP BETA2	Z	-.138	6.917
22	MP BETA2	Z	-.138	1.083
23	MP GAMMA2	Z	-.138	6.917
24	MP GAMMA2	Z	-.138	1.083
25	MP ALPHA1	Z	-.009	3
26	MP BETA1	Z	-.009	3
27	MP GAMMA1	Z	-.009	3
28	MP ALPHA2	Z	-.05	4
29	MP BETA2	Z	-.05	4
30	MP GAMMA2	Z	-.05	4
31	MP ALPHA2	Z	-.033	4
32	MP BETA2	Z	-.033	4
33	MP GAMMA2	Z	-.033	4

Member Point Loads (BLC 28 : Ice Wind Load (0))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.014	4.667
2	MP ALPHA4	Y	-.014	1.333
3	MP BETA4	Y	-.011	4.667
4	MP BETA4	Y	-.011	1.333
5	MP GAMMA4	Y	-.011	4.667
6	MP GAMMA4	Y	-.011	1.333
7	MP ALPHA1	Y	-.013	4.667
8	MP ALPHA1	Y	-.013	1.333
9	MP BETA1	Y	-.011	4.667
10	MP BETA1	Y	-.011	1.333
11	MP GAMMA1	Y	-.011	4.667
12	MP GAMMA1	Y	-.011	1.333
13	MP ALPHA3	Y	-.012	4.833
14	MP ALPHA3	Y	-.012	3.167
15	MP BETA3	Y	-.007	4.833
16	MP BETA3	Y	-.007	3.167
17	MP GAMMA3	Y	-.007	4.833
18	MP GAMMA3	Y	-.007	3.167
19	MP ALPHA2	Y	-.05	6.917
20	MP ALPHA2	Y	-.05	1.083
21	MP BETA2	Y	-.028	6.917
22	MP BETA2	Y	-.028	1.083
23	MP GAMMA2	Y	-.028	6.917
24	MP GAMMA2	Y	-.028	1.083
25	MP ALPHA1	Y	-.002	3
26	MP BETA1	Y	-.002	3
27	MP GAMMA1	Y	-.002	3
28	MP ALPHA2	Y	-.009	4
29	MP BETA2	Y	-.008	4
30	MP GAMMA2	Y	-.008	4
31	MP ALPHA2	Y	-.01	4
32	MP BETA2	Y	-.009	4
33	MP GAMMA2	Y	-.009	4

Member Point Loads (BLC 29 : Ice Wind Load (30))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.011	4.667
2	MP ALPHA4	Y	-.011	1.333
3	MP ALPHA4	X	-.006	4.667
4	MP ALPHA4	X	-.006	1.333
5	MP BETA4	Y	-.009	4.667
6	MP BETA4	Y	-.009	1.333
7	MP BETA4	X	-.005	4.667
8	MP BETA4	X	-.005	1.333
9	MP GAMMA4	Y	-.011	4.667
10	MP GAMMA4	Y	-.011	1.333
11	MP GAMMA4	X	-.006	4.667
12	MP GAMMA4	X	-.006	1.333
13	MP ALPHA1	Y	-.011	4.667
14	MP ALPHA1	Y	-.011	1.333
15	MP ALPHA1	X	-.006	4.667
16	MP ALPHA1	X	-.006	1.333
17	MP BETA1	Y	-.008	4.667
18	MP BETA1	Y	-.008	1.333
19	MP BETA1	X	-.005	4.667
20	MP BETA1	X	-.005	1.333
21	MP GAMMA1	Y	-.011	4.667
22	MP GAMMA1	Y	-.011	1.333
23	MP GAMMA1	X	-.006	4.667
24	MP GAMMA1	X	-.006	1.333
25	MP ALPHA3	Y	-.009	4.833
26	MP ALPHA3	Y	-.009	3.167
27	MP ALPHA3	X	-.005	4.833
28	MP ALPHA3	X	-.005	3.167
29	MP BETA3	Y	-.005	4.833
30	MP BETA3	Y	-.005	3.167
31	MP BETA3	X	-.003	4.833
32	MP BETA3	X	-.003	3.167
33	MP GAMMA3	Y	-.009	4.833
34	MP GAMMA3	Y	-.009	3.167
35	MP GAMMA3	X	-.005	4.833
36	MP GAMMA3	X	-.005	3.167
37	MP ALPHA2	Y	-.037	6.917
38	MP ALPHA2	Y	-.037	1.083
39	MP ALPHA2	X	-.021	6.917
40	MP ALPHA2	X	-.021	1.083
41	MP BETA2	Y	-.018	6.917
42	MP BETA2	Y	-.018	1.083
43	MP BETA2	X	-.01	6.917
44	MP BETA2	X	-.01	1.083
45	MP GAMMA2	Y	-.037	6.917
46	MP GAMMA2	Y	-.037	1.083
47	MP GAMMA2	X	-.021	6.917
48	MP GAMMA2	X	-.021	1.083
49	MP ALPHA1	Y	-.002	3
50	MP ALPHA1	X	-.001	3
51	MP BETA1	Y	-.001	3
52	MP BETA1	X	-.000738	3
53	MP GAMMA1	Y	-.002	3
54	MP GAMMA1	X	-.001	3
55	MP ALPHA2	Y	-.008	4
56	MP ALPHA2	X	-.004	4
57	MP BETA2	Y	-.007	4

Member Point Loads (BLC 29 : Ice Wind Load (30)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
58	MP BETA2	X	-.004	4
59	MP GAMMA2	Y	-.008	4
60	MP GAMMA2	X	-.004	4
61	MP ALPHA2	Y	-.009	4
62	MP ALPHA2	X	-.005	4
63	MP BETA2	Y	-.007	4
64	MP BETA2	X	-.004	4
65	MP GAMMA2	Y	-.009	4
66	MP GAMMA2	X	-.005	4

Member Point Loads (BLC 30 : Ice Wind Load (60))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.006	4.667
2	MP ALPHA4	Y	-.006	1.333
3	MP ALPHA4	X	-.01	4.667
4	MP ALPHA4	X	-.01	1.333
5	MP BETA4	Y	-.006	4.667
6	MP BETA4	Y	-.006	1.333
7	MP BETA4	X	-.01	4.667
8	MP BETA4	X	-.01	1.333
9	MP GAMMA4	Y	-.007	4.667
10	MP GAMMA4	Y	-.007	1.333
11	MP GAMMA4	X	-.012	4.667
12	MP GAMMA4	X	-.012	1.333
13	MP ALPHA1	Y	-.005	4.667
14	MP ALPHA1	Y	-.005	1.333
15	MP ALPHA1	X	-.009	4.667
16	MP ALPHA1	X	-.009	1.333
17	MP BETA1	Y	-.005	4.667
18	MP BETA1	Y	-.005	1.333
19	MP BETA1	X	-.009	4.667
20	MP BETA1	X	-.009	1.333
21	MP GAMMA1	Y	-.007	4.667
22	MP GAMMA1	Y	-.007	1.333
23	MP GAMMA1	X	-.011	4.667
24	MP GAMMA1	X	-.011	1.333
25	MP ALPHA3	Y	-.004	4.833
26	MP ALPHA3	Y	-.004	3.167
27	MP ALPHA3	X	-.006	4.833
28	MP ALPHA3	X	-.006	3.167
29	MP BETA3	Y	-.004	4.833
30	MP BETA3	Y	-.004	3.167
31	MP BETA3	X	-.006	4.833
32	MP BETA3	X	-.006	3.167
33	MP GAMMA3	Y	-.006	4.833
34	MP GAMMA3	Y	-.006	3.167
35	MP GAMMA3	X	-.01	4.833
36	MP GAMMA3	X	-.01	3.167
37	MP ALPHA2	Y	-.014	6.917
38	MP ALPHA2	Y	-.014	1.083
39	MP ALPHA2	X	-.024	6.917
40	MP ALPHA2	X	-.024	1.083
41	MP BETA2	Y	-.014	6.917
42	MP BETA2	Y	-.014	1.083
43	MP BETA2	X	-.024	6.917
44	MP BETA2	X	-.024	1.083

Member Point Loads (BLC 30 : Ice Wind Load (60)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
45	MP GAMMA2	Y	-.025	6.917
46	MP GAMMA2	Y	-.025	1.083
47	MP GAMMA2	X	-.043	6.917
48	MP GAMMA2	X	-.043	1.083
49	MP ALPHA1	Y	-.000841	3
50	MP ALPHA1	X	-.001	3
51	MP BETA1	Y	-.000841	3
52	MP BETA1	X	-.001	3
53	MP GAMMA1	Y	-.001	3
54	MP GAMMA1	X	-.002	3
55	MP ALPHA2	Y	-.004	4
56	MP ALPHA2	X	-.007	4
57	MP BETA2	Y	-.004	4
58	MP BETA2	X	-.007	4
59	MP GAMMA2	Y	-.005	4
60	MP GAMMA2	X	-.008	4
61	MP ALPHA2	Y	-.005	4
62	MP ALPHA2	X	-.008	4
63	MP BETA2	Y	-.005	4
64	MP BETA2	X	-.008	4
65	MP GAMMA2	Y	-.005	4
66	MP GAMMA2	X	-.009	4

Member Point Loads (BLC 31 : Ice Wind Load (90))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	X	-.01	4.667
2	MP ALPHA4	X	-.01	1.333
3	MP BETA4	X	-.013	4.667
4	MP BETA4	X	-.013	1.333
5	MP GAMMA4	X	-.013	4.667
6	MP GAMMA4	X	-.013	1.333
7	MP ALPHA1	X	-.01	4.667
8	MP ALPHA1	X	-.01	1.333
9	MP BETA1	X	-.012	4.667
10	MP BETA1	X	-.012	1.333
11	MP GAMMA1	X	-.012	4.667
12	MP GAMMA1	X	-.012	1.333
13	MP ALPHA3	X	-.006	4.833
14	MP ALPHA3	X	-.006	3.167
15	MP BETA3	X	-.01	4.833
16	MP BETA3	X	-.01	3.167
17	MP GAMMA3	X	-.01	4.833
18	MP GAMMA3	X	-.01	3.167
19	MP ALPHA2	X	-.021	6.917
20	MP ALPHA2	X	-.021	1.083
21	MP BETA2	X	-.043	6.917
22	MP BETA2	X	-.043	1.083
23	MP GAMMA2	X	-.043	6.917
24	MP GAMMA2	X	-.043	1.083
25	MP ALPHA1	X	-.001	3
26	MP BETA1	X	-.002	3
27	MP GAMMA1	X	-.002	3
28	MP ALPHA2	X	-.008	4
29	MP BETA2	X	-.009	4
30	MP GAMMA2	X	-.009	4
31	MP ALPHA2	X	-.009	4

Member Point Loads (BLC 31 : Ice Wind Load (90)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
32	MP BETA2	X	-.01	4
33	MP GAMMA2	X	-.01	4

Member Point Loads (BLC 32 : Ice Wind Load (120))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.006	4.667
2	MP ALPHA4	Y	.006	1.333
3	MP ALPHA4	X	-.01	4.667
4	MP ALPHA4	X	-.01	1.333
5	MP BETA4	Y	.007	4.667
6	MP BETA4	Y	.007	1.333
7	MP BETA4	X	-.012	4.667
8	MP BETA4	X	-.012	1.333
9	MP GAMMA4	Y	.006	4.667
10	MP GAMMA4	Y	.006	1.333
11	MP GAMMA4	X	-.01	4.667
12	MP GAMMA4	X	-.01	1.333
13	MP ALPHA1	Y	.005	4.667
14	MP ALPHA1	Y	.005	1.333
15	MP ALPHA1	X	-.009	4.667
16	MP ALPHA1	X	-.009	1.333
17	MP BETA1	Y	.007	4.667
18	MP BETA1	Y	.007	1.333
19	MP BETA1	X	-.011	4.667
20	MP BETA1	X	-.011	1.333
21	MP GAMMA1	Y	.005	4.667
22	MP GAMMA1	Y	.005	1.333
23	MP GAMMA1	X	-.009	4.667
24	MP GAMMA1	X	-.009	1.333
25	MP ALPHA3	Y	.004	4.833
26	MP ALPHA3	Y	.004	3.167
27	MP ALPHA3	X	-.006	4.833
28	MP ALPHA3	X	-.006	3.167
29	MP BETA3	Y	.006	4.833
30	MP BETA3	Y	.006	3.167
31	MP BETA3	X	-.01	4.833
32	MP BETA3	X	-.01	3.167
33	MP GAMMA3	Y	.004	4.833
34	MP GAMMA3	Y	.004	3.167
35	MP GAMMA3	X	-.006	4.833
36	MP GAMMA3	X	-.006	3.167
37	MP ALPHA2	Y	.014	6.917
38	MP ALPHA2	Y	.014	1.083
39	MP ALPHA2	X	-.024	6.917
40	MP ALPHA2	X	-.024	1.083
41	MP BETA2	Y	.025	6.917
42	MP BETA2	Y	.025	1.083
43	MP BETA2	X	-.043	6.917
44	MP BETA2	X	-.043	1.083
45	MP GAMMA2	Y	.014	6.917
46	MP GAMMA2	Y	.014	1.083
47	MP GAMMA2	X	-.024	6.917
48	MP GAMMA2	X	-.024	1.083
49	MP ALPHA1	Y	.000841	3
50	MP ALPHA1	X	-.001	3
51	MP BETA1	Y	.001	3

Member Point Loads (BLC 32 : Ice Wind Load (120)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
52	MP BETA1	X	-.002	3
53	MP GAMMA1	Y	.000841	3
54	MP GAMMA1	X	-.001	3
55	MP ALPHA2	Y	.004	4
56	MP ALPHA2	X	-.007	4
57	MP BETA2	Y	.005	4
58	MP BETA2	X	-.008	4
59	MP GAMMA2	Y	.004	4
60	MP GAMMA2	X	-.007	4
61	MP ALPHA2	Y	.005	4
62	MP ALPHA2	X	-.008	4
63	MP BETA2	Y	.005	4
64	MP BETA2	X	-.009	4
65	MP GAMMA2	Y	.005	4
66	MP GAMMA2	X	-.008	4

Member Point Loads (BLC 33 : Ice Wind Load (150))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.011	4.667
2	MP ALPHA4	Y	.011	1.333
3	MP ALPHA4	X	-.006	4.667
4	MP ALPHA4	X	-.006	1.333
5	MP BETA4	Y	.011	4.667
6	MP BETA4	Y	.011	1.333
7	MP BETA4	X	-.006	4.667
8	MP BETA4	X	-.006	1.333
9	MP GAMMA4	Y	.009	4.667
10	MP GAMMA4	Y	.009	1.333
11	MP GAMMA4	X	-.005	4.667
12	MP GAMMA4	X	-.005	1.333
13	MP ALPHA1	Y	.011	4.667
14	MP ALPHA1	Y	.011	1.333
15	MP ALPHA1	X	-.006	4.667
16	MP ALPHA1	X	-.006	1.333
17	MP BETA1	Y	.011	4.667
18	MP BETA1	Y	.011	1.333
19	MP BETA1	X	-.006	4.667
20	MP BETA1	X	-.006	1.333
21	MP GAMMA1	Y	.008	4.667
22	MP GAMMA1	Y	.008	1.333
23	MP GAMMA1	X	-.005	4.667
24	MP GAMMA1	X	-.005	1.333
25	MP ALPHA3	Y	.009	4.833
26	MP ALPHA3	Y	.009	3.167
27	MP ALPHA3	X	-.005	4.833
28	MP ALPHA3	X	-.005	3.167
29	MP BETA3	Y	.009	4.833
30	MP BETA3	Y	.009	3.167
31	MP BETA3	X	-.005	4.833
32	MP BETA3	X	-.005	3.167
33	MP GAMMA3	Y	.005	4.833
34	MP GAMMA3	Y	.005	3.167
35	MP GAMMA3	X	-.003	4.833
36	MP GAMMA3	X	-.003	3.167
37	MP ALPHA2	Y	.037	6.917
38	MP ALPHA2	Y	.037	1.083

Member Point Loads (BLC 33 : Ice Wind Load (150)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
39	MP ALPHA2	X	-.021	6.917
40	MP ALPHA2	X	-.021	1.083
41	MP BETA2	Y	.037	6.917
42	MP BETA2	Y	.037	1.083
43	MP BETA2	X	-.021	6.917
44	MP BETA2	X	-.021	1.083
45	MP GAMMA2	Y	.018	6.917
46	MP GAMMA2	Y	.018	1.083
47	MP GAMMA2	X	-.01	6.917
48	MP GAMMA2	X	-.01	1.083
49	MP ALPHA1	Y	.002	3
50	MP ALPHA1	X	-.001	3
51	MP BETA1	Y	.002	3
52	MP BETA1	X	-.001	3
53	MP GAMMA1	Y	.001	3
54	MP GAMMA1	X	-.000738	3
55	MP ALPHA2	Y	.008	4
56	MP ALPHA2	X	-.004	4
57	MP BETA2	Y	.008	4
58	MP BETA2	X	-.004	4
59	MP GAMMA2	Y	.007	4
60	MP GAMMA2	X	-.004	4
61	MP ALPHA2	Y	.009	4
62	MP ALPHA2	X	-.005	4
63	MP BETA2	Y	.009	4
64	MP BETA2	X	-.005	4
65	MP GAMMA2	Y	.007	4
66	MP GAMMA2	X	-.004	4

Member Point Loads (BLC 34 : Ice Wind Load (180))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.014	4.667
2	MP ALPHA4	Y	.014	1.333
3	MP BETA4	Y	.011	4.667
4	MP BETA4	Y	.011	1.333
5	MP GAMMA4	Y	.011	4.667
6	MP GAMMA4	Y	.011	1.333
7	MP ALPHA1	Y	.013	4.667
8	MP ALPHA1	Y	.013	1.333
9	MP BETA1	Y	.011	4.667
10	MP BETA1	Y	.011	1.333
11	MP GAMMA1	Y	.011	4.667
12	MP GAMMA1	Y	.011	1.333
13	MP ALPHA3	Y	.012	4.833
14	MP ALPHA3	Y	.012	3.167
15	MP BETA3	Y	.007	4.833
16	MP BETA3	Y	.007	3.167
17	MP GAMMA3	Y	.007	4.833
18	MP GAMMA3	Y	.007	3.167
19	MP ALPHA2	Y	.05	6.917
20	MP ALPHA2	Y	.05	1.083
21	MP BETA2	Y	.028	6.917
22	MP BETA2	Y	.028	1.083
23	MP GAMMA2	Y	.028	6.917
24	MP GAMMA2	Y	.028	1.083
25	MP ALPHA1	Y	.002	3

Member Point Loads (BLC 34 : Ice Wind Load (180)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
26	MP BETA1	Y	.002	3
27	MP GAMMA1	Y	.002	3
28	MP ALPHA2	Y	.009	4
29	MP BETA2	Y	.008	4
30	MP GAMMA2	Y	.008	4
31	MP ALPHA2	Y	.01	4
32	MP BETA2	Y	.009	4
33	MP GAMMA2	Y	.009	4

Member Point Loads (BLC 35 : Ice Wind Load (210))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.011	4.667
2	MP ALPHA4	Y	.011	1.333
3	MP ALPHA4	X	.006	4.667
4	MP ALPHA4	X	.006	1.333
5	MP BETA4	Y	.009	4.667
6	MP BETA4	Y	.009	1.333
7	MP BETA4	X	.005	4.667
8	MP BETA4	X	.005	1.333
9	MP GAMMA4	Y	.011	4.667
10	MP GAMMA4	Y	.011	1.333
11	MP GAMMA4	X	.006	4.667
12	MP GAMMA4	X	.006	1.333
13	MP ALPHA1	Y	.011	4.667
14	MP ALPHA1	Y	.011	1.333
15	MP ALPHA1	X	.006	4.667
16	MP ALPHA1	X	.006	1.333
17	MP BETA1	Y	.008	4.667
18	MP BETA1	Y	.008	1.333
19	MP BETA1	X	.005	4.667
20	MP BETA1	X	.005	1.333
21	MP GAMMA1	Y	.011	4.667
22	MP GAMMA1	Y	.011	1.333
23	MP GAMMA1	X	.006	4.667
24	MP GAMMA1	X	.006	1.333
25	MP ALPHA3	Y	.009	4.833
26	MP ALPHA3	Y	.009	3.167
27	MP ALPHA3	X	.005	4.833
28	MP ALPHA3	X	.005	3.167
29	MP BETA3	Y	.005	4.833
30	MP BETA3	Y	.005	3.167
31	MP BETA3	X	.003	4.833
32	MP BETA3	X	.003	3.167
33	MP GAMMA3	Y	.009	4.833
34	MP GAMMA3	Y	.009	3.167
35	MP GAMMA3	X	.005	4.833
36	MP GAMMA3	X	.005	3.167
37	MP ALPHA2	Y	.037	6.917
38	MP ALPHA2	Y	.037	1.083
39	MP ALPHA2	X	.021	6.917
40	MP ALPHA2	X	.021	1.083
41	MP BETA2	Y	.018	6.917
42	MP BETA2	Y	.018	1.083
43	MP BETA2	X	.01	6.917
44	MP BETA2	X	.01	1.083
45	MP GAMMA2	Y	.037	6.917

Member Point Loads (BLC 35 : Ice Wind Load (210)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
46	MP GAMMA2	Y	.037	1.083
47	MP GAMMA2	X	.021	6.917
48	MP GAMMA2	X	.021	1.083
49	MP ALPHA1	Y	.002	3
50	MP ALPHA1	X	.001	3
51	MP BETA1	Y	.001	3
52	MP BETA1	X	.000738	3
53	MP GAMMA1	Y	.002	3
54	MP GAMMA1	X	.001	3
55	MP ALPHA2	Y	.008	4
56	MP ALPHA2	X	.004	4
57	MP BETA2	Y	.007	4
58	MP BETA2	X	.004	4
59	MP GAMMA2	Y	.008	4
60	MP GAMMA2	X	.004	4
61	MP ALPHA2	Y	.009	4
62	MP ALPHA2	X	.005	4
63	MP BETA2	Y	.007	4
64	MP BETA2	X	.004	4
65	MP GAMMA2	Y	.009	4
66	MP GAMMA2	X	.005	4

Member Point Loads (BLC 36 : Ice Wind Load (240))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.006	4.667
2	MP ALPHA4	Y	.006	1.333
3	MP ALPHA4	X	.01	4.667
4	MP ALPHA4	X	.01	1.333
5	MP BETA4	Y	.006	4.667
6	MP BETA4	Y	.006	1.333
7	MP BETA4	X	.01	4.667
8	MP BETA4	X	.01	1.333
9	MP GAMMA4	Y	.007	4.667
10	MP GAMMA4	Y	.007	1.333
11	MP GAMMA4	X	.012	4.667
12	MP GAMMA4	X	.012	1.333
13	MP ALPHA1	Y	.005	4.667
14	MP ALPHA1	Y	.005	1.333
15	MP ALPHA1	X	.009	4.667
16	MP ALPHA1	X	.009	1.333
17	MP BETA1	Y	.005	4.667
18	MP BETA1	Y	.005	1.333
19	MP BETA1	X	.009	4.667
20	MP BETA1	X	.009	1.333
21	MP GAMMA1	Y	.007	4.667
22	MP GAMMA1	Y	.007	1.333
23	MP GAMMA1	X	.011	4.667
24	MP GAMMA1	X	.011	1.333
25	MP ALPHA3	Y	.004	4.833
26	MP ALPHA3	Y	.004	3.167
27	MP ALPHA3	X	.006	4.833
28	MP ALPHA3	X	.006	3.167
29	MP BETA3	Y	.004	4.833
30	MP BETA3	Y	.004	3.167
31	MP BETA3	X	.006	4.833
32	MP BETA3	X	.006	3.167

Member Point Loads (BLC 36 : Ice Wind Load (240)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
33	MP GAMMA3	Y	.006	4.833
34	MP GAMMA3	Y	.006	3.167
35	MP GAMMA3	X	.01	4.833
36	MP GAMMA3	X	.01	3.167
37	MP ALPHA2	Y	.014	6.917
38	MP ALPHA2	Y	.014	1.083
39	MP ALPHA2	X	.024	6.917
40	MP ALPHA2	X	.024	1.083
41	MP BETA2	Y	.014	6.917
42	MP BETA2	Y	.014	1.083
43	MP BETA2	X	.024	6.917
44	MP BETA2	X	.024	1.083
45	MP GAMMA2	Y	.025	6.917
46	MP GAMMA2	Y	.025	1.083
47	MP GAMMA2	X	.043	6.917
48	MP GAMMA2	X	.043	1.083
49	MP ALPHA1	Y	.000841	3
50	MP ALPHA1	X	.001	3
51	MP BETA1	Y	.000841	3
52	MP BETA1	X	.001	3
53	MP GAMMA1	Y	.001	3
54	MP GAMMA1	X	.002	3
55	MP ALPHA2	Y	.004	4
56	MP ALPHA2	X	.007	4
57	MP BETA2	Y	.004	4
58	MP BETA2	X	.007	4
59	MP GAMMA2	Y	.005	4
60	MP GAMMA2	X	.008	4
61	MP ALPHA2	Y	.005	4
62	MP ALPHA2	X	.008	4
63	MP BETA2	Y	.005	4
64	MP BETA2	X	.008	4
65	MP GAMMA2	Y	.005	4
66	MP GAMMA2	X	.009	4

Member Point Loads (BLC 37 : Ice Wind Load (270))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	X	.01	4.667
2	MP ALPHA4	X	.01	1.333
3	MP BETA4	X	.013	4.667
4	MP BETA4	X	.013	1.333
5	MP GAMMA4	X	.013	4.667
6	MP GAMMA4	X	.013	1.333
7	MP ALPHA1	X	.01	4.667
8	MP ALPHA1	X	.01	1.333
9	MP BETA1	X	.012	4.667
10	MP BETA1	X	.012	1.333
11	MP GAMMA1	X	.012	4.667
12	MP GAMMA1	X	.012	1.333
13	MP ALPHA3	X	.006	4.833
14	MP ALPHA3	X	.006	3.167
15	MP BETA3	X	.01	4.833
16	MP BETA3	X	.01	3.167
17	MP GAMMA3	X	.01	4.833
18	MP GAMMA3	X	.01	3.167
19	MP ALPHA2	X	.021	6.917

Member Point Loads (BLC 37 : Ice Wind Load (270)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
20	MP ALPHA2	X	.021	1.083
21	MP BETA2	X	.043	6.917
22	MP BETA2	X	.043	1.083
23	MP GAMMA2	X	.043	6.917
24	MP GAMMA2	X	.043	1.083
25	MP ALPHA1	X	.001	3
26	MP BETA1	X	.002	3
27	MP GAMMA1	X	.002	3
28	MP ALPHA2	X	.008	4
29	MP BETA2	X	.009	4
30	MP GAMMA2	X	.009	4
31	MP ALPHA2	X	.009	4
32	MP BETA2	X	.01	4
33	MP GAMMA2	X	.01	4

Member Point Loads (BLC 38 : Ice Wind Load (300))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.006	4.667
2	MP ALPHA4	Y	-.006	1.333
3	MP ALPHA4	X	.01	4.667
4	MP ALPHA4	X	.01	1.333
5	MP BETA4	Y	-.007	4.667
6	MP BETA4	Y	-.007	1.333
7	MP BETA4	X	.012	4.667
8	MP BETA4	X	.012	1.333
9	MP GAMMA4	Y	-.006	4.667
10	MP GAMMA4	Y	-.006	1.333
11	MP GAMMA4	X	.01	4.667
12	MP GAMMA4	X	.01	1.333
13	MP ALPHA1	Y	-.005	4.667
14	MP ALPHA1	Y	-.005	1.333
15	MP ALPHA1	X	.009	4.667
16	MP ALPHA1	X	.009	1.333
17	MP BETA1	Y	-.007	4.667
18	MP BETA1	Y	-.007	1.333
19	MP BETA1	X	.011	4.667
20	MP BETA1	X	.011	1.333
21	MP GAMMA1	Y	-.005	4.667
22	MP GAMMA1	Y	-.005	1.333
23	MP GAMMA1	X	.009	4.667
24	MP GAMMA1	X	.009	1.333
25	MP ALPHA3	Y	-.004	4.833
26	MP ALPHA3	Y	-.004	3.167
27	MP ALPHA3	X	.006	4.833
28	MP ALPHA3	X	.006	3.167
29	MP BETA3	Y	-.006	4.833
30	MP BETA3	Y	-.006	3.167
31	MP BETA3	X	.01	4.833
32	MP BETA3	X	.01	3.167
33	MP GAMMA3	Y	-.004	4.833
34	MP GAMMA3	Y	-.004	3.167
35	MP GAMMA3	X	.006	4.833
36	MP GAMMA3	X	.006	3.167
37	MP ALPHA2	Y	-.014	6.917
38	MP ALPHA2	Y	-.014	1.083
39	MP ALPHA2	X	.024	6.917

Member Point Loads (BLC 38 : Ice Wind Load (300)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
40	MP ALPHA2	X	.024	1.083
41	MP BETA2	Y	-.025	6.917
42	MP BETA2	Y	-.025	1.083
43	MP BETA2	X	.043	6.917
44	MP BETA2	X	.043	1.083
45	MP GAMMA2	Y	-.014	6.917
46	MP GAMMA2	Y	-.014	1.083
47	MP GAMMA2	X	.024	6.917
48	MP GAMMA2	X	.024	1.083
49	MP ALPHA1	Y	-.000841	3
50	MP ALPHA1	X	.001	3
51	MP BETA1	Y	-.001	3
52	MP BETA1	X	.002	3
53	MP GAMMA1	Y	-.000841	3
54	MP GAMMA1	X	.001	3
55	MP ALPHA2	Y	-.004	4
56	MP ALPHA2	X	.007	4
57	MP BETA2	Y	-.005	4
58	MP BETA2	X	.008	4
59	MP GAMMA2	Y	-.004	4
60	MP GAMMA2	X	.007	4
61	MP ALPHA2	Y	-.005	4
62	MP ALPHA2	X	.008	4
63	MP BETA2	Y	-.005	4
64	MP BETA2	X	.009	4
65	MP GAMMA2	Y	-.005	4
66	MP GAMMA2	X	.008	4

Member Point Loads (BLC 39 : Ice Wind Load (330))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.011	4.667
2	MP ALPHA4	Y	-.011	1.333
3	MP ALPHA4	X	.006	4.667
4	MP ALPHA4	X	.006	1.333
5	MP BETA4	Y	-.011	4.667
6	MP BETA4	Y	-.011	1.333
7	MP BETA4	X	.006	4.667
8	MP BETA4	X	.006	1.333
9	MP GAMMA4	Y	-.009	4.667
10	MP GAMMA4	Y	-.009	1.333
11	MP GAMMA4	X	.005	4.667
12	MP GAMMA4	X	.005	1.333
13	MP ALPHA1	Y	-.011	4.667
14	MP ALPHA1	Y	-.011	1.333
15	MP ALPHA1	X	.006	4.667
16	MP ALPHA1	X	.006	1.333
17	MP BETA1	Y	-.011	4.667
18	MP BETA1	Y	-.011	1.333
19	MP BETA1	X	.006	4.667
20	MP BETA1	X	.006	1.333
21	MP GAMMA1	Y	-.008	4.667
22	MP GAMMA1	Y	-.008	1.333
23	MP GAMMA1	X	.005	4.667
24	MP GAMMA1	X	.005	1.333
25	MP ALPHA3	Y	-.009	4.833
26	MP ALPHA3	Y	-.009	3.167

Member Point Loads (BLC 39 : Ice Wind Load (330)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
27	MP ALPHA3	X	.005	4.833
28	MP ALPHA3	X	.005	3.167
29	MP BETA3	Y	-.009	4.833
30	MP BETA3	Y	-.009	3.167
31	MP BETA3	X	.005	4.833
32	MP BETA3	X	.005	3.167
33	MP GAMMA3	Y	-.005	4.833
34	MP GAMMA3	Y	-.005	3.167
35	MP GAMMA3	X	.003	4.833
36	MP GAMMA3	X	.003	3.167
37	MP ALPHA2	Y	-.037	6.917
38	MP ALPHA2	Y	-.037	1.083
39	MP ALPHA2	X	.021	6.917
40	MP ALPHA2	X	.021	1.083
41	MP BETA2	Y	-.037	6.917
42	MP BETA2	Y	-.037	1.083
43	MP BETA2	X	.021	6.917
44	MP BETA2	X	.021	1.083
45	MP GAMMA2	Y	-.018	6.917
46	MP GAMMA2	Y	-.018	1.083
47	MP GAMMA2	X	.01	6.917
48	MP GAMMA2	X	.01	1.083
49	MP ALPHA1	Y	-.002	3
50	MP ALPHA1	X	.001	3
51	MP BETA1	Y	-.002	3
52	MP BETA1	X	.001	3
53	MP GAMMA1	Y	-.001	3
54	MP GAMMA1	X	.000738	3
55	MP ALPHA2	Y	-.008	4
56	MP ALPHA2	X	.004	4
57	MP BETA2	Y	-.008	4
58	MP BETA2	X	.004	4
59	MP GAMMA2	Y	-.007	4
60	MP GAMMA2	X	.004	4
61	MP ALPHA2	Y	-.009	4
62	MP ALPHA2	X	.005	4
63	MP BETA2	Y	-.009	4
64	MP BETA2	X	.005	4
65	MP GAMMA2	Y	-.007	4
66	MP GAMMA2	X	.004	4

Member Point Loads (BLC 40 : Earthquake (x-direction))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	X	-.006	4.667
2	MP ALPHA4	X	-.006	1.333
3	MP BETA4	X	-.006	4.667
4	MP BETA4	X	-.006	1.333
5	MP GAMMA4	X	-.006	4.667
6	MP GAMMA4	X	-.006	1.333
7	MP ALPHA1	X	-.005	4.667
8	MP ALPHA1	X	-.005	1.333
9	MP BETA1	X	-.005	4.667
10	MP BETA1	X	-.005	1.333
11	MP GAMMA1	X	-.005	4.667
12	MP GAMMA1	X	-.005	1.333
13	MP ALPHA3	X	-.005	4.833

Member Point Loads (BLC 40 : Earthquake (x-direction)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
14	MP ALPHA3	X	-.005	3.167
15	MP BETA3	X	-.005	4.833
16	MP BETA3	X	-.005	3.167
17	MP GAMMA3	X	-.005	4.833
18	MP GAMMA3	X	-.005	3.167
19	MP ALPHA2	X	-.007	6.917
20	MP ALPHA2	X	-.007	1.083
21	MP BETA2	X	-.007	6.917
22	MP BETA2	X	-.007	1.083
23	MP GAMMA2	X	-.007	6.917
24	MP GAMMA2	X	-.007	1.083
25	MP ALPHA1	X	-.001	3
26	MP BETA1	X	-.001	3
27	MP GAMMA1	X	-.001	3
28	MP ALPHA2	X	-.007	4
29	MP BETA2	X	-.007	4
30	MP GAMMA2	X	-.007	4
31	MP ALPHA2	X	-.004	4
32	MP BETA2	X	-.004	4
33	MP GAMMA2	X	-.004	4

Member Point Loads (BLC 41 : Earthquake (y-direction))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.006	4.667
2	MP ALPHA4	Y	-.006	1.333
3	MP BETA4	Y	-.006	4.667
4	MP BETA4	Y	-.006	1.333
5	MP GAMMA4	Y	-.006	4.667
6	MP GAMMA4	Y	-.006	1.333
7	MP ALPHA1	Y	-.005	4.667
8	MP ALPHA1	Y	-.005	1.333
9	MP BETA1	Y	-.005	4.667
10	MP BETA1	Y	-.005	1.333
11	MP GAMMA1	Y	-.005	4.667
12	MP GAMMA1	Y	-.005	1.333
13	MP ALPHA3	Y	-.005	4.833
14	MP ALPHA3	Y	-.005	3.167
15	MP BETA3	Y	-.005	4.833
16	MP BETA3	Y	-.005	3.167
17	MP GAMMA3	Y	-.005	4.833
18	MP GAMMA3	Y	-.005	3.167
19	MP ALPHA2	Y	-.007	6.917
20	MP ALPHA2	Y	-.007	1.083
21	MP BETA2	Y	-.007	6.917
22	MP BETA2	Y	-.007	1.083
23	MP GAMMA2	Y	-.007	6.917
24	MP GAMMA2	Y	-.007	1.083
25	MP ALPHA1	Y	-.001	3
26	MP BETA1	Y	-.001	3
27	MP GAMMA1	Y	-.001	3
28	MP ALPHA2	Y	-.007	4
29	MP BETA2	Y	-.007	4
30	MP GAMMA2	Y	-.007	4
31	MP ALPHA2	Y	-.004	4
32	MP BETA2	Y	-.004	4
33	MP GAMMA2	Y	-.004	4

Member Point Loads (BLC 42 : Earthquake (z-direction))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Z	-.002	4.667
2	MP ALPHA4	Z	-.002	1.333
3	MP BETA4	Z	-.002	4.667
4	MP BETA4	Z	-.002	1.333
5	MP GAMMA4	Z	-.002	4.667
6	MP GAMMA4	Z	-.002	1.333
7	MP ALPHA1	Z	-.002	4.667
8	MP ALPHA1	Z	-.002	1.333
9	MP BETA1	Z	-.002	4.667
10	MP BETA1	Z	-.002	1.333
11	MP GAMMA1	Z	-.002	4.667
12	MP GAMMA1	Z	-.002	1.333
13	MP ALPHA3	Z	-.002	4.833
14	MP ALPHA3	Z	-.002	3.167
15	MP BETA3	Z	-.002	4.833
16	MP BETA3	Z	-.002	3.167
17	MP GAMMA3	Z	-.002	4.833
18	MP GAMMA3	Z	-.002	3.167
19	MP ALPHA2	Z	-.003	6.917
20	MP ALPHA2	Z	-.003	1.083
21	MP BETA2	Z	-.003	6.917
22	MP BETA2	Z	-.003	1.083
23	MP GAMMA2	Z	-.003	6.917
24	MP GAMMA2	Z	-.003	1.083
25	MP ALPHA1	Z	-.000404	3
26	MP BETA1	Z	-.000404	3
27	MP GAMMA1	Z	-.000404	3
28	MP ALPHA2	Z	-.003	4
29	MP BETA2	Z	-.003	4
30	MP GAMMA2	Z	-.003	4
31	MP ALPHA2	Z	-.002	4
32	MP BETA2	Z	-.002	4
33	MP GAMMA2	Z	-.002	4

Member Distributed Loads (BLC 2 : Wind Load (0))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.008	-.008	0	0
2	TOPANGLE2	PY	-.008	-.008	0	0
3	SUP3B	PY	-.007	-.007	0	0
4	SUP3A	PY	-.007	-.007	0	0
5	SUP2B	PY	-.007	-.007	0	0
6	SUP2A	PY	-.007	-.007	0	0
7	SUP1B	PY	-.007	-.007	0	0
8	SUP1A	PY	-.007	-.007	0	0
9	SO3	PY	-.008	-.008	0	0
10	SO2	PY	-.008	-.008	0	0
11	SO1	PY	-.008	-.008	0	0
12	RAIL3	PY	-.008	-.008	0	0
13	RAIL2	PY	-.008	-.008	0	0
14	RAIL1	PY	-.004	-.004	0	0
15	PLATECORNER3C	PY	-.02	-.02	0	0
16	PLATECORNER3B	PY	-.02	-.02	0	0
17	PLATECORNER3A	PY	-.02	-.02	0	0
18	PLATECORNER2C	PY	-.02	-.02	0	0
19	PLATECORNER2B	PY	-.02	-.02	0	0

Member Distributed Loads (BLC 2 : Wind Load (0)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
20	PLATECORNER2A	PY	-.02	-.02	0	0
21	PLATECORNER1C	PY	-.02	-.02	0	0
22	PLATECORNER1B	PY	-.02	-.02	0	0
23	PLATECORNER1A	PY	-.02	-.02	0	0
24	PLATE12	PY	-.02	-.02	0	0
25	PLATE11	PY	-.02	-.02	0	0
26	PLATE10	PY	-.02	-.02	0	0
27	PLATE9	PY	-.02	-.02	0	0
28	PLATE8	PY	-.02	-.02	0	0
29	PLATE7	PY	-.02	-.02	0	0
30	PLATE6	PY	-.02	-.02	0	0
31	PLATE5	PY	-.02	-.02	0	0
32	PLATE4	PY	-.02	-.02	0	0
33	PLATE3	PY	-.02	-.02	0	0
34	PLATE2	PY	-.02	-.02	0	0
35	PLATE1	PY	-.02	-.02	0	0
36	MP GAMMA4	PY	-.01	-.01	0	0
37	MP GAMMA3	PY	-.01	-.01	0	0
38	MP GAMMA2	PY	-.01	-.01	0	0
39	MP GAMMA1	PY	-.01	-.01	0	0
40	MP BETA4	PY	-.01	-.01	0	0
41	MP BETA3	PY	-.01	-.01	0	0
42	MP BETA2	PY	-.01	-.01	0	0
43	MP BETA1	PY	-.01	-.01	0	0
44	MP ALPHA4	PY	-.01	-.01	0	0
45	MP ALPHA3	PY	-.01	-.01	0	0
46	MP ALPHA2	PY	-.01	-.01	0	0
47	MP ALPHA1	PY	-.01	-.01	0	0
48	FACE3	PY	-.009	-.009	0	0
49	FACE2	PY	-.009	-.009	0	0
50	FACE1	PY	-.005	-.005	0	0
51	CR3B	PY	-.008	-.008	0	0
52	CR3A	PY	-.008	-.008	0	0
53	CR2B	PY	-.008	-.008	0	0
54	CR2A	PY	-.008	-.008	0	0
55	CR1B	PY	-.008	-.008	0	0
56	CR1A	PY	-.008	-.008	0	0
57	ANGLE2	PY	-.008	-.008	0	0
58	M115A	PY	-.008	-.008	0	0
59	M117	PY	-.008	-.008	0	0
60	M120	PY	-.008	-.008	0	0

Member Distributed Loads (BLC 4 : Wind Load (30))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.007	-.007	0	0
2	TOPANGLE2	PY	-.007	-.007	0	0
3	SUP3B	PY	-.006	-.006	0	0
4	SUP3A	PY	-.006	-.006	0	0
5	SUP2B	PY	-.006	-.006	0	0
6	SUP2A	PY	-.006	-.006	0	0
7	SUP1B	PY	-.006	-.006	0	0
8	SUP1A	PY	-.006	-.006	0	0
9	SO3	PY	-.007	-.007	0	0
10	SO2	PY	-.007	-.007	0	0
11	SO1	PY	-.007	-.007	0	0
12	RAIL3	PY	-.007	-.007	0	0

Member Distributed Loads (BLC 4 : Wind Load (30)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
13	RAIL2	PY	-.007	-.007	0	0
14	RAIL1	PY	-.003	-.003	0	0
15	PLATECORNER3C	PY	-.018	-.018	0	0
16	PLATECORNER3B	PY	-.018	-.018	0	0
17	PLATECORNER3A	PY	-.018	-.018	0	0
18	PLATECORNER2C	PY	-.018	-.018	0	0
19	PLATECORNER2B	PY	-.018	-.018	0	0
20	PLATECORNER2A	PY	-.018	-.018	0	0
21	PLATECORNER1C	PY	-.018	-.018	0	0
22	PLATECORNER1B	PY	-.018	-.018	0	0
23	PLATECORNER1A	PY	-.018	-.018	0	0
24	PLATE12	PY	-.018	-.018	0	0
25	PLATE11	PY	-.018	-.018	0	0
26	PLATE10	PY	-.018	-.018	0	0
27	PLATE9	PY	-.018	-.018	0	0
28	PLATE8	PY	-.018	-.018	0	0
29	PLATE7	PY	-.018	-.018	0	0
30	PLATE6	PY	-.018	-.018	0	0
31	PLATE5	PY	-.018	-.018	0	0
32	PLATE4	PY	-.018	-.018	0	0
33	PLATE3	PY	-.018	-.018	0	0
34	PLATE2	PY	-.018	-.018	0	0
35	PLATE1	PY	-.018	-.018	0	0
36	MP GAMMA4	PY	-.008	-.008	0	0
37	MP GAMMA3	PY	-.008	-.008	0	0
38	MP GAMMA2	PY	-.008	-.008	0	0
39	MP GAMMA1	PY	-.008	-.008	0	0
40	MP BETA4	PY	-.008	-.008	0	0
41	MP BETA3	PY	-.008	-.008	0	0
42	MP BETA2	PY	-.008	-.008	0	0
43	MP BETA1	PY	-.008	-.008	0	0
44	MP ALPHA4	PY	-.008	-.008	0	0
45	MP ALPHA3	PY	-.008	-.008	0	0
46	MP ALPHA2	PY	-.008	-.008	0	0
47	MP ALPHA1	PY	-.008	-.008	0	0
48	FACE3	PY	-.008	-.008	0	0
49	FACE2	PY	-.008	-.008	0	0
50	FACE1	PY	-.004	-.004	0	0
51	CR3B	PY	-.007	-.007	0	0
52	CR3A	PY	-.007	-.007	0	0
53	CR2B	PY	-.007	-.007	0	0
54	CR2A	PY	-.007	-.007	0	0
55	CR1B	PY	-.007	-.007	0	0
56	CR1A	PY	-.007	-.007	0	0
57	ANGLE2	PY	-.007	-.007	0	0
58	TOPANGLE3	PX	-.004	-.004	0	0
59	TOPANGLE2	PX	-.004	-.004	0	0
60	SUP3B	PX	-.003	-.003	0	0
61	SUP3A	PX	-.003	-.003	0	0
62	SUP2B	PX	-.003	-.003	0	0
63	SUP2A	PX	-.003	-.003	0	0
64	SUP1B	PX	-.003	-.003	0	0
65	SUP1A	PX	-.003	-.003	0	0
66	SO3	PX	-.004	-.004	0	0
67	SO2	PX	-.004	-.004	0	0
68	SO1	PX	-.004	-.004	0	0
69	RAIL3	PX	-.004	-.004	0	0

Member Distributed Loads (BLC 4 : Wind Load (30)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
70	RAIL2	PX	-.004	-.004	0	0
71	RAIL1	PX	-.002	-.002	0	0
72	PLATECORNER3C	PX	-.01	-.01	0	0
73	PLATECORNER3B	PX	-.01	-.01	0	0
74	PLATECORNER3A	PX	-.01	-.01	0	0
75	PLATECORNER2C	PX	-.01	-.01	0	0
76	PLATECORNER2B	PX	-.01	-.01	0	0
77	PLATECORNER2A	PX	-.01	-.01	0	0
78	PLATECORNER1C	PX	-.01	-.01	0	0
79	PLATECORNER1B	PX	-.01	-.01	0	0
80	PLATECORNER1A	PX	-.01	-.01	0	0
81	PLATE12	PX	-.01	-.01	0	0
82	PLATE11	PX	-.01	-.01	0	0
83	PLATE10	PX	-.01	-.01	0	0
84	PLATE9	PX	-.01	-.01	0	0
85	PLATE8	PX	-.01	-.01	0	0
86	PLATE7	PX	-.01	-.01	0	0
87	PLATE6	PX	-.01	-.01	0	0
88	PLATE5	PX	-.01	-.01	0	0
89	PLATE4	PX	-.01	-.01	0	0
90	PLATE3	PX	-.01	-.01	0	0
91	PLATE2	PX	-.01	-.01	0	0
92	PLATE1	PX	-.01	-.01	0	0
93	MP GAMMA4	PX	-.005	-.005	0	0
94	MP GAMMA3	PX	-.005	-.005	0	0
95	MP GAMMA2	PX	-.005	-.005	0	0
96	MP GAMMA1	PX	-.005	-.005	0	0
97	MP BETA4	PX	-.005	-.005	0	0
98	MP BETA3	PX	-.005	-.005	0	0
99	MP BETA2	PX	-.005	-.005	0	0
100	MP BETA1	PX	-.005	-.005	0	0
101	MP ALPHA4	PX	-.005	-.005	0	0
102	MP ALPHA3	PX	-.005	-.005	0	0
103	MP ALPHA2	PX	-.005	-.005	0	0
104	MP ALPHA1	PX	-.005	-.005	0	0
105	FACE3	PX	-.005	-.005	0	0
106	FACE2	PX	-.005	-.005	0	0
107	FACE1	PX	-.002	-.002	0	0
108	CR3B	PX	-.004	-.004	0	0
109	CR3A	PX	-.004	-.004	0	0
110	CR2B	PX	-.004	-.004	0	0
111	CR2A	PX	-.004	-.004	0	0
112	CR1B	PX	-.004	-.004	0	0
113	CR1A	PX	-.004	-.004	0	0
114	ANGLE2	PX	-.004	-.004	0	0
115	M115A	PY	-.007	-.007	0	0
116	M115A	PX	-.004	-.004	0	0
117	M117	PY	-.007	-.007	0	0
118	M117	PX	-.004	-.004	0	0
119	M120	PY	-.007	-.007	0	0
120	M120	PX	-.004	-.004	0	0

Member Distributed Loads (BLC 5 : Wind Load (60))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.004	-.004	0	0
2	TOPANGLE2	PY	-.004	-.004	0	0

Member Distributed Loads (BLC 5 : Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
3	SUP3B	PY	-.003	-.003	0	0
4	SUP3A	PY	-.003	-.003	0	0
5	SUP2B	PY	-.003	-.003	0	0
6	SUP2A	PY	-.003	-.003	0	0
7	SUP1B	PY	-.003	-.003	0	0
8	SUP1A	PY	-.003	-.003	0	0
9	SO3	PY	-.004	-.004	0	0
10	SO2	PY	-.004	-.004	0	0
11	SO1	PY	-.004	-.004	0	0
12	RAIL3	PY	-.004	-.004	0	0
13	RAIL2	PY	-.004	-.004	0	0
14	RAIL1	PY	-.002	-.002	0	0
15	PLATECORNER3C	PY	-.01	-.01	0	0
16	PLATECORNER3B	PY	-.01	-.01	0	0
17	PLATECORNER3A	PY	-.01	-.01	0	0
18	PLATECORNER2C	PY	-.01	-.01	0	0
19	PLATECORNER2B	PY	-.01	-.01	0	0
20	PLATECORNER2A	PY	-.01	-.01	0	0
21	PLATECORNER1C	PY	-.01	-.01	0	0
22	PLATECORNER1B	PY	-.01	-.01	0	0
23	PLATECORNER1A	PY	-.01	-.01	0	0
24	PLATE12	PY	-.01	-.01	0	0
25	PLATE11	PY	-.01	-.01	0	0
26	PLATE10	PY	-.01	-.01	0	0
27	PLATE9	PY	-.01	-.01	0	0
28	PLATE8	PY	-.01	-.01	0	0
29	PLATE7	PY	-.01	-.01	0	0
30	PLATE6	PY	-.01	-.01	0	0
31	PLATE5	PY	-.01	-.01	0	0
32	PLATE4	PY	-.01	-.01	0	0
33	PLATE3	PY	-.01	-.01	0	0
34	PLATE2	PY	-.01	-.01	0	0
35	PLATE1	PY	-.01	-.01	0	0
36	MP GAMMA4	PY	-.005	-.005	0	0
37	MP GAMMA3	PY	-.005	-.005	0	0
38	MP GAMMA2	PY	-.005	-.005	0	0
39	MP GAMMA1	PY	-.005	-.005	0	0
40	MP BETA4	PY	-.005	-.005	0	0
41	MP BETA3	PY	-.005	-.005	0	0
42	MP BETA2	PY	-.005	-.005	0	0
43	MP BETA1	PY	-.005	-.005	0	0
44	MP ALPHA4	PY	-.005	-.005	0	0
45	MP ALPHA3	PY	-.005	-.005	0	0
46	MP ALPHA2	PY	-.005	-.005	0	0
47	MP ALPHA1	PY	-.005	-.005	0	0
48	FACE3	PY	-.005	-.005	0	0
49	FACE2	PY	-.005	-.005	0	0
50	FACE1	PY	-.002	-.002	0	0
51	CR3B	PY	-.004	-.004	0	0
52	CR3A	PY	-.004	-.004	0	0
53	CR2B	PY	-.004	-.004	0	0
54	CR2A	PY	-.004	-.004	0	0
55	CR1B	PY	-.004	-.004	0	0
56	CR1A	PY	-.004	-.004	0	0
57	ANGLE2	PY	-.004	-.004	0	0
58	TOPANGLE3	PX	-.007	-.007	0	0
59	TOPANGLE2	PX	-.007	-.007	0	0

Member Distributed Loads (BLC 5 : Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
60	SUP3B	PX	-.006	-.006	0	0
61	SUP3A	PX	-.006	-.006	0	0
62	SUP2B	PX	-.006	-.006	0	0
63	SUP2A	PX	-.006	-.006	0	0
64	SUP1B	PX	-.006	-.006	0	0
65	SUP1A	PX	-.006	-.006	0	0
66	SO3	PX	-.007	-.007	0	0
67	SO2	PX	-.007	-.007	0	0
68	SO1	PX	-.007	-.007	0	0
69	RAIL3	PX	-.007	-.007	0	0
70	RAIL2	PX	-.007	-.007	0	0
71	RAIL1	PX	-.003	-.003	0	0
72	PLATECORNER3C	PX	-.018	-.018	0	0
73	PLATECORNER3B	PX	-.018	-.018	0	0
74	PLATECORNER3A	PX	-.018	-.018	0	0
75	PLATECORNER2C	PX	-.018	-.018	0	0
76	PLATECORNER2B	PX	-.018	-.018	0	0
77	PLATECORNER2A	PX	-.018	-.018	0	0
78	PLATECORNER1C	PX	-.018	-.018	0	0
79	PLATECORNER1B	PX	-.018	-.018	0	0
80	PLATECORNER1A	PX	-.018	-.018	0	0
81	PLATE12	PX	-.018	-.018	0	0
82	PLATE11	PX	-.018	-.018	0	0
83	PLATE10	PX	-.018	-.018	0	0
84	PLATE9	PX	-.018	-.018	0	0
85	PLATE8	PX	-.018	-.018	0	0
86	PLATE7	PX	-.018	-.018	0	0
87	PLATE6	PX	-.018	-.018	0	0
88	PLATE5	PX	-.018	-.018	0	0
89	PLATE4	PX	-.018	-.018	0	0
90	PLATE3	PX	-.018	-.018	0	0
91	PLATE2	PX	-.018	-.018	0	0
92	PLATE1	PX	-.018	-.018	0	0
93	MP GAMMA4	PX	-.008	-.008	0	0
94	MP GAMMA3	PX	-.008	-.008	0	0
95	MP GAMMA2	PX	-.008	-.008	0	0
96	MP GAMMA1	PX	-.008	-.008	0	0
97	MP BETA4	PX	-.008	-.008	0	0
98	MP BETA3	PX	-.008	-.008	0	0
99	MP BETA2	PX	-.008	-.008	0	0
100	MP BETA1	PX	-.008	-.008	0	0
101	MP ALPHA4	PX	-.008	-.008	0	0
102	MP ALPHA3	PX	-.008	-.008	0	0
103	MP ALPHA2	PX	-.008	-.008	0	0
104	MP ALPHA1	PX	-.008	-.008	0	0
105	FACE3	PX	-.008	-.008	0	0
106	FACE2	PX	-.008	-.008	0	0
107	FACE1	PX	-.004	-.004	0	0
108	CR3B	PX	-.007	-.007	0	0
109	CR3A	PX	-.007	-.007	0	0
110	CR2B	PX	-.007	-.007	0	0
111	CR2A	PX	-.007	-.007	0	0
112	CR1B	PX	-.007	-.007	0	0
113	CR1A	PX	-.007	-.007	0	0
114	ANGLE2	PX	-.007	-.007	0	0
115	M115A	PY	-.004	-.004	0	0
116	M115A	PX	-.007	-.007	0	0

Member Distributed Loads (BLC 5 : Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
117	M117	PY	-.004	-.004	0	0
118	M117	PX	-.007	-.007	0	0
119	M120	PY	-.004	-.004	0	0
120	M120	PX	-.007	-.007	0	0

Member Distributed Loads (BLC 6 : Wind Load (90))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PX	-.008	-.008	0	0
2	TOPANGLE2	PX	-.008	-.008	0	0
3	SUP3B	PX	-.007	-.007	0	0
4	SUP3A	PX	-.007	-.007	0	0
5	SUP2B	PX	-.007	-.007	0	0
6	SUP2A	PX	-.007	-.007	0	0
7	SUP1B	PX	-.007	-.007	0	0
8	SUP1A	PX	-.007	-.007	0	0
9	SO3	PX	-.008	-.008	0	0
10	SO2	PX	-.008	-.008	0	0
11	SO1	PX	-.008	-.008	0	0
12	RAIL1	PX	-.008	-.008	0	0
13	RAIL3	PX	-.008	-.008	0	0
14	RAIL2	PX	-.004	-.004	0	0
15	PLATECORNER3C	PX	-.02	-.02	0	0
16	PLATECORNER3B	PX	-.02	-.02	0	0
17	PLATECORNER3A	PX	-.02	-.02	0	0
18	PLATECORNER2C	PX	-.02	-.02	0	0
19	PLATECORNER2B	PX	-.02	-.02	0	0
20	PLATECORNER2A	PX	-.02	-.02	0	0
21	PLATECORNER1C	PX	-.02	-.02	0	0
22	PLATECORNER1B	PX	-.02	-.02	0	0
23	PLATECORNER1A	PX	-.02	-.02	0	0
24	PLATE12	PX	-.02	-.02	0	0
25	PLATE11	PX	-.02	-.02	0	0
26	PLATE10	PX	-.02	-.02	0	0
27	PLATE9	PX	-.02	-.02	0	0
28	PLATE8	PX	-.02	-.02	0	0
29	PLATE7	PX	-.02	-.02	0	0
30	PLATE6	PX	-.02	-.02	0	0
31	PLATE5	PX	-.02	-.02	0	0
32	PLATE4	PX	-.02	-.02	0	0
33	PLATE3	PX	-.02	-.02	0	0
34	PLATE2	PX	-.02	-.02	0	0
35	PLATE1	PX	-.02	-.02	0	0
36	MP GAMMA4	PX	-.01	-.01	0	0
37	MP GAMMA3	PX	-.01	-.01	0	0
38	MP GAMMA2	PX	-.01	-.01	0	0
39	MP GAMMA1	PX	-.01	-.01	0	0
40	MP BETA4	PX	-.01	-.01	0	0
41	MP BETA3	PX	-.01	-.01	0	0
42	MP BETA2	PX	-.01	-.01	0	0
43	MP BETA1	PX	-.01	-.01	0	0
44	MP ALPHA4	PX	-.01	-.01	0	0
45	MP ALPHA3	PX	-.01	-.01	0	0
46	MP ALPHA2	PX	-.01	-.01	0	0
47	MP ALPHA1	PX	-.01	-.01	0	0
48	FACE1	PX	-.009	-.009	0	0
49	FACE3	PX	-.009	-.009	0	0

Member Distributed Loads (BLC 6 : Wind Load (90)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
50	FACE2	PX	-.005	-.005	0	0
51	CR3B	PX	-.008	-.008	0	0
52	CR3A	PX	-.008	-.008	0	0
53	CR2B	PX	-.008	-.008	0	0
54	CR2A	PX	-.008	-.008	0	0
55	CR1B	PX	-.008	-.008	0	0
56	CR1A	PX	-.008	-.008	0	0
57	ANGLE2	PX	-.008	-.008	0	0
58	M115A	PX	-.008	-.008	0	0
59	M117	PX	-.008	-.008	0	0
60	M120	PX	-.008	-.008	0	0

Member Distributed Loads (BLC 7 : Wind Load (120))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.004	.004	0	0
2	TOPANGLE2	PY	.004	.004	0	0
3	SUP3B	PY	.003	.003	0	0
4	SUP3A	PY	.003	.003	0	0
5	SUP2B	PY	.003	.003	0	0
6	SUP2A	PY	.003	.003	0	0
7	SUP1B	PY	.003	.003	0	0
8	SUP1A	PY	.003	.003	0	0
9	SO3	PY	.004	.004	0	0
10	SO2	PY	.004	.004	0	0
11	SO1	PY	.004	.004	0	0
12	RAIL1	PY	.004	.004	0	0
13	RAIL3	PY	.004	.004	0	0
14	RAIL2	PY	.002	.002	0	0
15	PLATECORNER3C	PY	.01	.01	0	0
16	PLATECORNER3B	PY	.01	.01	0	0
17	PLATECORNER3A	PY	.01	.01	0	0
18	PLATECORNER2C	PY	.01	.01	0	0
19	PLATECORNER2B	PY	.01	.01	0	0
20	PLATECORNER2A	PY	.01	.01	0	0
21	PLATECORNER1C	PY	.01	.01	0	0
22	PLATECORNER1B	PY	.01	.01	0	0
23	PLATECORNER1A	PY	.01	.01	0	0
24	PLATE12	PY	.01	.01	0	0
25	PLATE11	PY	.01	.01	0	0
26	PLATE10	PY	.01	.01	0	0
27	PLATE9	PY	.01	.01	0	0
28	PLATE8	PY	.01	.01	0	0
29	PLATE7	PY	.01	.01	0	0
30	PLATE6	PY	.01	.01	0	0
31	PLATE5	PY	.01	.01	0	0
32	PLATE4	PY	.01	.01	0	0
33	PLATE3	PY	.01	.01	0	0
34	PLATE2	PY	.01	.01	0	0
35	PLATE1	PY	.01	.01	0	0
36	MP GAMMA4	PY	.005	.005	0	0
37	MP GAMMA3	PY	.005	.005	0	0
38	MP GAMMA2	PY	.005	.005	0	0
39	MP GAMMA1	PY	.005	.005	0	0
40	MP BETA4	PY	.005	.005	0	0
41	MP BETA3	PY	.005	.005	0	0
42	MP BETA2	PY	.005	.005	0	0

Member Distributed Loads (BLC 7 : Wind Load (120)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
43	MP BETA1	PY	.005	.005	0	0
44	MP ALPHA4	PY	.005	.005	0	0
45	MP ALPHA3	PY	.005	.005	0	0
46	MP ALPHA2	PY	.005	.005	0	0
47	MP ALPHA1	PY	.005	.005	0	0
48	FACE1	PY	.005	.005	0	0
49	FACE3	PY	.005	.005	0	0
50	FACE2	PY	.002	.002	0	0
51	CR3B	PY	.004	.004	0	0
52	CR3A	PY	.004	.004	0	0
53	CR2B	PY	.004	.004	0	0
54	CR2A	PY	.004	.004	0	0
55	CR1B	PY	.004	.004	0	0
56	CR1A	PY	.004	.004	0	0
57	ANGLE2	PY	.004	.004	0	0
58	TOPANGLE3	PX	-.007	-.007	0	0
59	TOPANGLE2	PX	-.007	-.007	0	0
60	SUP3B	PX	-.006	-.006	0	0
61	SUP3A	PX	-.006	-.006	0	0
62	SUP2B	PX	-.006	-.006	0	0
63	SUP2A	PX	-.006	-.006	0	0
64	SUP1B	PX	-.006	-.006	0	0
65	SUP1A	PX	-.006	-.006	0	0
66	SO3	PX	-.007	-.007	0	0
67	SO2	PX	-.007	-.007	0	0
68	SO1	PX	-.007	-.007	0	0
69	RAIL1	PX	-.007	-.007	0	0
70	RAIL3	PX	-.007	-.007	0	0
71	RAIL2	PX	-.003	-.003	0	0
72	PLATECORNER3C	PX	-.018	-.018	0	0
73	PLATECORNER3B	PX	-.018	-.018	0	0
74	PLATECORNER3A	PX	-.018	-.018	0	0
75	PLATECORNER2C	PX	-.018	-.018	0	0
76	PLATECORNER2B	PX	-.018	-.018	0	0
77	PLATECORNER2A	PX	-.018	-.018	0	0
78	PLATECORNER1C	PX	-.018	-.018	0	0
79	PLATECORNER1B	PX	-.018	-.018	0	0
80	PLATECORNER1A	PX	-.018	-.018	0	0
81	PLATE12	PX	-.018	-.018	0	0
82	PLATE11	PX	-.018	-.018	0	0
83	PLATE10	PX	-.018	-.018	0	0
84	PLATE9	PX	-.018	-.018	0	0
85	PLATE8	PX	-.018	-.018	0	0
86	PLATE7	PX	-.018	-.018	0	0
87	PLATE6	PX	-.018	-.018	0	0
88	PLATE5	PX	-.018	-.018	0	0
89	PLATE4	PX	-.018	-.018	0	0
90	PLATE3	PX	-.018	-.018	0	0
91	PLATE2	PX	-.018	-.018	0	0
92	PLATE1	PX	-.018	-.018	0	0
93	MP GAMMA4	PX	-.008	-.008	0	0
94	MP GAMMA3	PX	-.008	-.008	0	0
95	MP GAMMA2	PX	-.008	-.008	0	0
96	MP GAMMA1	PX	-.008	-.008	0	0
97	MP BETA4	PX	-.008	-.008	0	0
98	MP BETA3	PX	-.008	-.008	0	0
99	MP BETA2	PX	-.008	-.008	0	0

Member Distributed Loads (BLC 7 : Wind Load (120)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
100	MP BETA1	PX	-.008	-.008	0	0
101	MP ALPHA4	PX	-.008	-.008	0	0
102	MP ALPHA3	PX	-.008	-.008	0	0
103	MP ALPHA2	PX	-.008	-.008	0	0
104	MP ALPHA1	PX	-.008	-.008	0	0
105	FACE1	PX	-.008	-.008	0	0
106	FACE3	PX	-.008	-.008	0	0
107	FACE2	PX	-.004	-.004	0	0
108	CR3B	PX	-.007	-.007	0	0
109	CR3A	PX	-.007	-.007	0	0
110	CR2B	PX	-.007	-.007	0	0
111	CR2A	PX	-.007	-.007	0	0
112	CR1B	PX	-.007	-.007	0	0
113	CR1A	PX	-.007	-.007	0	0
114	ANGLE2	PX	-.007	-.007	0	0
115	M115A	PY	.004	.004	0	0
116	M115A	PX	-.007	-.007	0	0
117	M117	PY	.004	.004	0	0
118	M117	PX	-.007	-.007	0	0
119	M120	PY	.004	.004	0	0
120	M120	PX	-.007	-.007	0	0

Member Distributed Loads (BLC 8 : Wind Load (150))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.007	.007	0	0
2	TOPANGLE2	PY	.007	.007	0	0
3	SUP3B	PY	.006	.006	0	0
4	SUP3A	PY	.006	.006	0	0
5	SUP2B	PY	.006	.006	0	0
6	SUP2A	PY	.006	.006	0	0
7	SUP1B	PY	.006	.006	0	0
8	SUP1A	PY	.006	.006	0	0
9	SO3	PY	.007	.007	0	0
10	SO2	PY	.007	.007	0	0
11	SO1	PY	.007	.007	0	0
12	RAIL1	PY	.007	.007	0	0
13	RAIL3	PY	.007	.007	0	0
14	RAIL2	PY	.003	.003	0	0
15	PLATECORNER3C	PY	.018	.018	0	0
16	PLATECORNER3B	PY	.018	.018	0	0
17	PLATECORNER3A	PY	.018	.018	0	0
18	PLATECORNER2C	PY	.018	.018	0	0
19	PLATECORNER2B	PY	.018	.018	0	0
20	PLATECORNER2A	PY	.018	.018	0	0
21	PLATECORNER1C	PY	.018	.018	0	0
22	PLATECORNER1B	PY	.018	.018	0	0
23	PLATECORNER1A	PY	.018	.018	0	0
24	PLATE12	PY	.018	.018	0	0
25	PLATE11	PY	.018	.018	0	0
26	PLATE10	PY	.018	.018	0	0
27	PLATE9	PY	.018	.018	0	0
28	PLATE8	PY	.018	.018	0	0
29	PLATE7	PY	.018	.018	0	0
30	PLATE6	PY	.018	.018	0	0
31	PLATE5	PY	.018	.018	0	0
32	PLATE4	PY	.018	.018	0	0

Member Distributed Loads (BLC 8 : Wind Load (150)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
33	PLATE3	PY	.018	.018	0	0
34	PLATE2	PY	.018	.018	0	0
35	PLATE1	PY	.018	.018	0	0
36	MP GAMMA4	PY	.008	.008	0	0
37	MP GAMMA3	PY	.008	.008	0	0
38	MP GAMMA2	PY	.008	.008	0	0
39	MP GAMMA1	PY	.008	.008	0	0
40	MP BETA4	PY	.008	.008	0	0
41	MP BETA3	PY	.008	.008	0	0
42	MP BETA2	PY	.008	.008	0	0
43	MP BETA1	PY	.008	.008	0	0
44	MP ALPHA4	PY	.008	.008	0	0
45	MP ALPHA3	PY	.008	.008	0	0
46	MP ALPHA2	PY	.008	.008	0	0
47	MP ALPHA1	PY	.008	.008	0	0
48	FACE1	PY	.008	.008	0	0
49	FACE3	PY	.008	.008	0	0
50	FACE2	PY	.004	.004	0	0
51	CR3B	PY	.007	.007	0	0
52	CR3A	PY	.007	.007	0	0
53	CR2B	PY	.007	.007	0	0
54	CR2A	PY	.007	.007	0	0
55	CR1B	PY	.007	.007	0	0
56	CR1A	PY	.007	.007	0	0
57	ANGLE2	PY	.007	.007	0	0
58	TOPANGLE3	PX	-.004	-.004	0	0
59	TOPANGLE2	PX	-.004	-.004	0	0
60	SUP3B	PX	-.003	-.003	0	0
61	SUP3A	PX	-.003	-.003	0	0
62	SUP2B	PX	-.003	-.003	0	0
63	SUP2A	PX	-.003	-.003	0	0
64	SUP1B	PX	-.003	-.003	0	0
65	SUP1A	PX	-.003	-.003	0	0
66	SO3	PX	-.004	-.004	0	0
67	SO2	PX	-.004	-.004	0	0
68	SO1	PX	-.004	-.004	0	0
69	RAIL1	PX	-.004	-.004	0	0
70	RAIL3	PX	-.004	-.004	0	0
71	RAIL2	PX	-.002	-.002	0	0
72	PLATECORNER3C	PX	-.01	-.01	0	0
73	PLATECORNER3B	PX	-.01	-.01	0	0
74	PLATECORNER3A	PX	-.01	-.01	0	0
75	PLATECORNER2C	PX	-.01	-.01	0	0
76	PLATECORNER2B	PX	-.01	-.01	0	0
77	PLATECORNER2A	PX	-.01	-.01	0	0
78	PLATECORNER1C	PX	-.01	-.01	0	0
79	PLATECORNER1B	PX	-.01	-.01	0	0
80	PLATECORNER1A	PX	-.01	-.01	0	0
81	PLATE12	PX	-.01	-.01	0	0
82	PLATE11	PX	-.01	-.01	0	0
83	PLATE10	PX	-.01	-.01	0	0
84	PLATE9	PX	-.01	-.01	0	0
85	PLATE8	PX	-.01	-.01	0	0
86	PLATE7	PX	-.01	-.01	0	0
87	PLATE6	PX	-.01	-.01	0	0
88	PLATE5	PX	-.01	-.01	0	0
89	PLATE4	PX	-.01	-.01	0	0

Member Distributed Loads (BLC 8 : Wind Load (150)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
90	PLATE3	PX	-.01	-.01	0	0
91	PLATE2	PX	-.01	-.01	0	0
92	PLATE1	PX	-.01	-.01	0	0
93	MP GAMMA4	PX	-.005	-.005	0	0
94	MP GAMMA3	PX	-.005	-.005	0	0
95	MP GAMMA2	PX	-.005	-.005	0	0
96	MP GAMMA1	PX	-.005	-.005	0	0
97	MP BETA4	PX	-.005	-.005	0	0
98	MP BETA3	PX	-.005	-.005	0	0
99	MP BETA2	PX	-.005	-.005	0	0
100	MP BETA1	PX	-.005	-.005	0	0
101	MP ALPHA4	PX	-.005	-.005	0	0
102	MP ALPHA3	PX	-.005	-.005	0	0
103	MP ALPHA2	PX	-.005	-.005	0	0
104	MP ALPHA1	PX	-.005	-.005	0	0
105	FACE1	PX	-.005	-.005	0	0
106	FACE3	PX	-.005	-.005	0	0
107	FACE2	PX	-.002	-.002	0	0
108	CR3B	PX	-.004	-.004	0	0
109	CR3A	PX	-.004	-.004	0	0
110	CR2B	PX	-.004	-.004	0	0
111	CR2A	PX	-.004	-.004	0	0
112	CR1B	PX	-.004	-.004	0	0
113	CR1A	PX	-.004	-.004	0	0
114	ANGLE2	PX	-.004	-.004	0	0
115	M115A	PY	.007	.007	0	0
116	M115A	PX	-.004	-.004	0	0
117	M117	PY	.007	.007	0	0
118	M117	PX	-.004	-.004	0	0
119	M120	PY	.007	.007	0	0
120	M120	PX	-.004	-.004	0	0

Member Distributed Loads (BLC 9 : Wind Load (180))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.008	.008	0	0
2	TOPANGLE2	PY	.008	.008	0	0
3	SUP3B	PY	.007	.007	0	0
4	SUP3A	PY	.007	.007	0	0
5	SUP2B	PY	.007	.007	0	0
6	SUP2A	PY	.007	.007	0	0
7	SUP1B	PY	.007	.007	0	0
8	SUP1A	PY	.007	.007	0	0
9	SO3	PY	.008	.008	0	0
10	SO2	PY	.008	.008	0	0
11	SO1	PY	.008	.008	0	0
12	RAIL1	PY	.008	.008	0	0
13	RAIL3	PY	.008	.008	0	0
14	RAIL2	PY	.004	.004	0	0
15	PLATECORNER3C	PY	.02	.02	0	0
16	PLATECORNER3B	PY	.02	.02	0	0
17	PLATECORNER3A	PY	.02	.02	0	0
18	PLATECORNER2C	PY	.02	.02	0	0
19	PLATECORNER2B	PY	.02	.02	0	0
20	PLATECORNER2A	PY	.02	.02	0	0
21	PLATECORNER1C	PY	.02	.02	0	0
22	PLATECORNER1B	PY	.02	.02	0	0

Member Distributed Loads (BLC 9 : Wind Load (180)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
23	PLATECORNER1A	PY	.02	.02	0	0
24	PLATE12	PY	.02	.02	0	0
25	PLATE11	PY	.02	.02	0	0
26	PLATE10	PY	.02	.02	0	0
27	PLATE9	PY	.02	.02	0	0
28	PLATE8	PY	.02	.02	0	0
29	PLATE7	PY	.02	.02	0	0
30	PLATE6	PY	.02	.02	0	0
31	PLATE5	PY	.02	.02	0	0
32	PLATE4	PY	.02	.02	0	0
33	PLATE3	PY	.02	.02	0	0
34	PLATE2	PY	.02	.02	0	0
35	PLATE1	PY	.02	.02	0	0
36	MP GAMMA4	PY	.01	.01	0	0
37	MP GAMMA3	PY	.01	.01	0	0
38	MP GAMMA2	PY	.01	.01	0	0
39	MP GAMMA1	PY	.01	.01	0	0
40	MP BETA4	PY	.01	.01	0	0
41	MP BETA3	PY	.01	.01	0	0
42	MP BETA2	PY	.01	.01	0	0
43	MP BETA1	PY	.01	.01	0	0
44	MP ALPHA4	PY	.01	.01	0	0
45	MP ALPHA3	PY	.01	.01	0	0
46	MP ALPHA2	PY	.01	.01	0	0
47	MP ALPHA1	PY	.01	.01	0	0
48	FACE1	PY	.009	.009	0	0
49	FACE3	PY	.009	.009	0	0
50	FACE2	PY	.005	.005	0	0
51	CR3B	PY	.008	.008	0	0
52	CR3A	PY	.008	.008	0	0
53	CR2B	PY	.008	.008	0	0
54	CR2A	PY	.008	.008	0	0
55	CR1B	PY	.008	.008	0	0
56	CR1A	PY	.008	.008	0	0
57	ANGLE2	PY	.008	.008	0	0
58	M115A	PY	.008	.008	0	0
59	M117	PY	.008	.008	0	0
60	M120	PY	.008	.008	0	0

Member Distributed Loads (BLC 10 : Wind Load (210))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.007	.007	0	0
2	TOPANGLE2	PY	.007	.007	0	0
3	SUP3B	PY	.006	.006	0	0
4	SUP3A	PY	.006	.006	0	0
5	SUP2B	PY	.006	.006	0	0
6	SUP2A	PY	.006	.006	0	0
7	SUP1B	PY	.006	.006	0	0
8	SUP1A	PY	.006	.006	0	0
9	SO3	PY	.007	.007	0	0
10	SO2	PY	.007	.007	0	0
11	SO1	PY	.007	.007	0	0
12	RAIL1	PY	.007	.007	0	0
13	RAIL2	PY	.007	.007	0	0
14	RAIL3	PY	.003	.003	0	0
15	PLATECORNER3C	PY	.018	.018	0	0

Member Distributed Loads (BLC 10 : Wind Load (210)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
16	PLATECORNER3B	PY	.018	.018	0	0
17	PLATECORNER3A	PY	.018	.018	0	0
18	PLATECORNER2C	PY	.018	.018	0	0
19	PLATECORNER2B	PY	.018	.018	0	0
20	PLATECORNER2A	PY	.018	.018	0	0
21	PLATECORNER1C	PY	.018	.018	0	0
22	PLATECORNER1B	PY	.018	.018	0	0
23	PLATECORNER1A	PY	.018	.018	0	0
24	PLATE12	PY	.018	.018	0	0
25	PLATE11	PY	.018	.018	0	0
26	PLATE10	PY	.018	.018	0	0
27	PLATE9	PY	.018	.018	0	0
28	PLATE8	PY	.018	.018	0	0
29	PLATE7	PY	.018	.018	0	0
30	PLATE6	PY	.018	.018	0	0
31	PLATE5	PY	.018	.018	0	0
32	PLATE4	PY	.018	.018	0	0
33	PLATE3	PY	.018	.018	0	0
34	PLATE2	PY	.018	.018	0	0
35	PLATE1	PY	.018	.018	0	0
36	MP GAMMA4	PY	.008	.008	0	0
37	MP GAMMA3	PY	.008	.008	0	0
38	MP GAMMA2	PY	.008	.008	0	0
39	MP GAMMA1	PY	.008	.008	0	0
40	MP BETA4	PY	.008	.008	0	0
41	MP BETA3	PY	.008	.008	0	0
42	MP BETA2	PY	.008	.008	0	0
43	MP BETA1	PY	.008	.008	0	0
44	MP ALPHA4	PY	.008	.008	0	0
45	MP ALPHA3	PY	.008	.008	0	0
46	MP ALPHA2	PY	.008	.008	0	0
47	MP ALPHA1	PY	.008	.008	0	0
48	FACE1	PY	.008	.008	0	0
49	FACE2	PY	.008	.008	0	0
50	FACE3	PY	.004	.004	0	0
51	CR3B	PY	.007	.007	0	0
52	CR3A	PY	.007	.007	0	0
53	CR2B	PY	.007	.007	0	0
54	CR2A	PY	.007	.007	0	0
55	CR1B	PY	.007	.007	0	0
56	CR1A	PY	.007	.007	0	0
57	ANGLE2	PY	.007	.007	0	0
58	TOPANGLE3	PX	.004	.004	0	0
59	TOPANGLE2	PX	.004	.004	0	0
60	SUP3B	PX	.003	.003	0	0
61	SUP3A	PX	.003	.003	0	0
62	SUP2B	PX	.003	.003	0	0
63	SUP2A	PX	.003	.003	0	0
64	SUP1B	PX	.003	.003	0	0
65	SUP1A	PX	.003	.003	0	0
66	SO3	PX	.004	.004	0	0
67	SO2	PX	.004	.004	0	0
68	SO1	PX	.004	.004	0	0
69	RAIL1	PX	.004	.004	0	0
70	RAIL2	PX	.004	.004	0	0
71	RAIL3	PX	.002	.002	0	0
72	PLATECORNER3C	PX	.01	.01	0	0

Member Distributed Loads (BLC 10 : Wind Load (210)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
73	PLATECORNER3B	PX	.01	.01	0	0
74	PLATECORNER3A	PX	.01	.01	0	0
75	PLATECORNER2C	PX	.01	.01	0	0
76	PLATECORNER2B	PX	.01	.01	0	0
77	PLATECORNER2A	PX	.01	.01	0	0
78	PLATECORNER1C	PX	.01	.01	0	0
79	PLATECORNER1B	PX	.01	.01	0	0
80	PLATECORNER1A	PX	.01	.01	0	0
81	PLATE12	PX	.01	.01	0	0
82	PLATE11	PX	.01	.01	0	0
83	PLATE10	PX	.01	.01	0	0
84	PLATE9	PX	.01	.01	0	0
85	PLATE8	PX	.01	.01	0	0
86	PLATE7	PX	.01	.01	0	0
87	PLATE6	PX	.01	.01	0	0
88	PLATE5	PX	.01	.01	0	0
89	PLATE4	PX	.01	.01	0	0
90	PLATE3	PX	.01	.01	0	0
91	PLATE2	PX	.01	.01	0	0
92	PLATE1	PX	.01	.01	0	0
93	MP GAMMA4	PX	.005	.005	0	0
94	MP GAMMA3	PX	.005	.005	0	0
95	MP GAMMA2	PX	.005	.005	0	0
96	MP GAMMA1	PX	.005	.005	0	0
97	MP BETA4	PX	.005	.005	0	0
98	MP BETA3	PX	.005	.005	0	0
99	MP BETA2	PX	.005	.005	0	0
100	MP BETA1	PX	.005	.005	0	0
101	MP ALPHA4	PX	.005	.005	0	0
102	MP ALPHA3	PX	.005	.005	0	0
103	MP ALPHA2	PX	.005	.005	0	0
104	MP ALPHA1	PX	.005	.005	0	0
105	FACE1	PX	.005	.005	0	0
106	FACE2	PX	.005	.005	0	0
107	FACE3	PX	.002	.002	0	0
108	CR3B	PX	.004	.004	0	0
109	CR3A	PX	.004	.004	0	0
110	CR2B	PX	.004	.004	0	0
111	CR2A	PX	.004	.004	0	0
112	CR1B	PX	.004	.004	0	0
113	CR1A	PX	.004	.004	0	0
114	ANGLE2	PX	.004	.004	0	0
115	M115A	PY	.007	.007	0	0
116	M115A	PX	.004	.004	0	0
117	M117	PY	.007	.007	0	0
118	M117	PX	.004	.004	0	0
119	M120	PY	.007	.007	0	0
120	M120	PX	.004	.004	0	0

Member Distributed Loads (BLC 11 : Wind Load (240))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.004	.004	0	0
2	TOPANGLE2	PY	.004	.004	0	0
3	SUP3B	PY	.003	.003	0	0
4	SUP3A	PY	.003	.003	0	0
5	SUP2B	PY	.003	.003	0	0

Member Distributed Loads (BLC 11 : Wind Load (240)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
6	SUP2A	PY	.003	.003	0	0
7	SUP1B	PY	.003	.003	0	0
8	SUP1A	PY	.003	.003	0	0
9	SO3	PY	.004	.004	0	0
10	SO2	PY	.004	.004	0	0
11	SO1	PY	.004	.004	0	0
12	RAIL1	PY	.004	.004	0	0
13	RAIL2	PY	.004	.004	0	0
14	RAIL3	PY	.002	.002	0	0
15	PLATECORNER3C	PY	.01	.01	0	0
16	PLATECORNER3B	PY	.01	.01	0	0
17	PLATECORNER3A	PY	.01	.01	0	0
18	PLATECORNER2C	PY	.01	.01	0	0
19	PLATECORNER2B	PY	.01	.01	0	0
20	PLATECORNER2A	PY	.01	.01	0	0
21	PLATECORNER1C	PY	.01	.01	0	0
22	PLATECORNER1B	PY	.01	.01	0	0
23	PLATECORNER1A	PY	.01	.01	0	0
24	PLATE12	PY	.01	.01	0	0
25	PLATE11	PY	.01	.01	0	0
26	PLATE10	PY	.01	.01	0	0
27	PLATE9	PY	.01	.01	0	0
28	PLATE8	PY	.01	.01	0	0
29	PLATE7	PY	.01	.01	0	0
30	PLATE6	PY	.01	.01	0	0
31	PLATE5	PY	.01	.01	0	0
32	PLATE4	PY	.01	.01	0	0
33	PLATE3	PY	.01	.01	0	0
34	PLATE2	PY	.01	.01	0	0
35	PLATE1	PY	.01	.01	0	0
36	MP GAMMA4	PY	.005	.005	0	0
37	MP GAMMA3	PY	.005	.005	0	0
38	MP GAMMA2	PY	.005	.005	0	0
39	MP GAMMA1	PY	.005	.005	0	0
40	MP BETA4	PY	.005	.005	0	0
41	MP BETA3	PY	.005	.005	0	0
42	MP BETA2	PY	.005	.005	0	0
43	MP BETA1	PY	.005	.005	0	0
44	MP ALPHA4	PY	.005	.005	0	0
45	MP ALPHA3	PY	.005	.005	0	0
46	MP ALPHA2	PY	.005	.005	0	0
47	MP ALPHA1	PY	.005	.005	0	0
48	FACE1	PY	.005	.005	0	0
49	FACE2	PY	.005	.005	0	0
50	FACE3	PY	.002	.002	0	0
51	CR3B	PY	.004	.004	0	0
52	CR3A	PY	.004	.004	0	0
53	CR2B	PY	.004	.004	0	0
54	CR2A	PY	.004	.004	0	0
55	CR1B	PY	.004	.004	0	0
56	CR1A	PY	.004	.004	0	0
57	ANGLE2	PY	.004	.004	0	0
58	TOPANGLE3	PX	.007	.007	0	0
59	TOPANGLE2	PX	.007	.007	0	0
60	SUP3B	PX	.006	.006	0	0
61	SUP3A	PX	.006	.006	0	0
62	SUP2B	PX	.006	.006	0	0

Member Distributed Loads (BLC 11 : Wind Load (240)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
63	SUP2A	PX	.006	.006	0	0
64	SUP1B	PX	.006	.006	0	0
65	SUP1A	PX	.006	.006	0	0
66	SO3	PX	.007	.007	0	0
67	SO2	PX	.007	.007	0	0
68	SO1	PX	.007	.007	0	0
69	RAIL1	PX	.007	.007	0	0
70	RAIL2	PX	.007	.007	0	0
71	RAIL3	PX	.003	.003	0	0
72	PLATECORNER3C	PX	.018	.018	0	0
73	PLATECORNER3B	PX	.018	.018	0	0
74	PLATECORNER3A	PX	.018	.018	0	0
75	PLATECORNER2C	PX	.018	.018	0	0
76	PLATECORNER2B	PX	.018	.018	0	0
77	PLATECORNER2A	PX	.018	.018	0	0
78	PLATECORNER1C	PX	.018	.018	0	0
79	PLATECORNER1B	PX	.018	.018	0	0
80	PLATECORNER1A	PX	.018	.018	0	0
81	PLATE12	PX	.018	.018	0	0
82	PLATE11	PX	.018	.018	0	0
83	PLATE10	PX	.018	.018	0	0
84	PLATE9	PX	.018	.018	0	0
85	PLATE8	PX	.018	.018	0	0
86	PLATE7	PX	.018	.018	0	0
87	PLATE6	PX	.018	.018	0	0
88	PLATE5	PX	.018	.018	0	0
89	PLATE4	PX	.018	.018	0	0
90	PLATE3	PX	.018	.018	0	0
91	PLATE2	PX	.018	.018	0	0
92	PLATE1	PX	.018	.018	0	0
93	MP GAMMA4	PX	.008	.008	0	0
94	MP GAMMA3	PX	.008	.008	0	0
95	MP GAMMA2	PX	.008	.008	0	0
96	MP GAMMA1	PX	.008	.008	0	0
97	MP BETA4	PX	.008	.008	0	0
98	MP BETA3	PX	.008	.008	0	0
99	MP BETA2	PX	.008	.008	0	0
100	MP BETA1	PX	.008	.008	0	0
101	MP ALPHA4	PX	.008	.008	0	0
102	MP ALPHA3	PX	.008	.008	0	0
103	MP ALPHA2	PX	.008	.008	0	0
104	MP ALPHA1	PX	.008	.008	0	0
105	FACE1	PX	.008	.008	0	0
106	FACE2	PX	.008	.008	0	0
107	FACE3	PX	.004	.004	0	0
108	CR3B	PX	.007	.007	0	0
109	CR3A	PX	.007	.007	0	0
110	CR2B	PX	.007	.007	0	0
111	CR2A	PX	.007	.007	0	0
112	CR1B	PX	.007	.007	0	0
113	CR1A	PX	.007	.007	0	0
114	ANGLE2	PX	.007	.007	0	0
115	M115A	PY	.004	.004	0	0
116	M115A	PX	.007	.007	0	0
117	M117	PY	.004	.004	0	0
118	M117	PX	.007	.007	0	0
119	M120	PY	.004	.004	0	0

Member Distributed Loads (BLC 11 : Wind Load (240)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
120	M120	PX	.007	.007	0	0

Member Distributed Loads (BLC 12 : Wind Load (270))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PX	.008	.008	0	0
2	TOPANGLE2	PX	.008	.008	0	0
3	SUP3B	PX	.007	.007	0	0
4	SUP3A	PX	.007	.007	0	0
5	SUP2B	PX	.007	.007	0	0
6	SUP2A	PX	.007	.007	0	0
7	SUP1B	PX	.007	.007	0	0
8	SUP1A	PX	.007	.007	0	0
9	SO3	PX	.008	.008	0	0
10	SO2	PX	.008	.008	0	0
11	SO1	PX	.008	.008	0	0
12	RAIL1	PX	.008	.008	0	0
13	RAIL2	PX	.008	.008	0	0
14	RAIL3	PX	.004	.004	0	0
15	PLATECORNER3C	PX	.02	.02	0	0
16	PLATECORNER3B	PX	.02	.02	0	0
17	PLATECORNER3A	PX	.02	.02	0	0
18	PLATECORNER2C	PX	.02	.02	0	0
19	PLATECORNER2B	PX	.02	.02	0	0
20	PLATECORNER2A	PX	.02	.02	0	0
21	PLATECORNER1C	PX	.02	.02	0	0
22	PLATECORNER1B	PX	.02	.02	0	0
23	PLATECORNER1A	PX	.02	.02	0	0
24	PLATE12	PX	.02	.02	0	0
25	PLATE11	PX	.02	.02	0	0
26	PLATE10	PX	.02	.02	0	0
27	PLATE9	PX	.02	.02	0	0
28	PLATE8	PX	.02	.02	0	0
29	PLATE7	PX	.02	.02	0	0
30	PLATE6	PX	.02	.02	0	0
31	PLATE5	PX	.02	.02	0	0
32	PLATE4	PX	.02	.02	0	0
33	PLATE3	PX	.02	.02	0	0
34	PLATE2	PX	.02	.02	0	0
35	PLATE1	PX	.02	.02	0	0
36	MP GAMMA4	PX	.01	.01	0	0
37	MP GAMMA3	PX	.01	.01	0	0
38	MP GAMMA2	PX	.01	.01	0	0
39	MP GAMMA1	PX	.01	.01	0	0
40	MP BETA4	PX	.01	.01	0	0
41	MP BETA3	PX	.01	.01	0	0
42	MP BETA2	PX	.01	.01	0	0
43	MP BETA1	PX	.01	.01	0	0
44	MP ALPHA4	PX	.01	.01	0	0
45	MP ALPHA3	PX	.01	.01	0	0
46	MP ALPHA2	PX	.01	.01	0	0
47	MP ALPHA1	PX	.01	.01	0	0
48	FACE1	PX	.009	.009	0	0
49	FACE2	PX	.009	.009	0	0
50	FACE3	PX	.005	.005	0	0
51	CR3B	PX	.008	.008	0	0
52	CR3A	PX	.008	.008	0	0

Member Distributed Loads (BLC 12 : Wind Load (270)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
53	CR2B	PX	.008	.008	0	0
54	CR2A	PX	.008	.008	0	0
55	CR1B	PX	.008	.008	0	0
56	CR1A	PX	.008	.008	0	0
57	ANGLE2	PX	.008	.008	0	0
58	M115A	PX	.008	.008	0	0
59	M117	PX	.008	.008	0	0
60	M120	PX	.008	.008	0	0

Member Distributed Loads (BLC 13 : Wind Load (300))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.004	-.004	0	0
2	TOPANGLE2	PY	-.004	-.004	0	0
3	SUP3B	PY	-.003	-.003	0	0
4	SUP3A	PY	-.003	-.003	0	0
5	SUP2B	PY	-.003	-.003	0	0
6	SUP2A	PY	-.003	-.003	0	0
7	SUP1B	PY	-.003	-.003	0	0
8	SUP1A	PY	-.003	-.003	0	0
9	SO3	PY	-.004	-.004	0	0
10	SO2	PY	-.004	-.004	0	0
11	SO1	PY	-.004	-.004	0	0
12	RAIL1	PY	-.004	-.004	0	0
13	RAIL2	PY	-.004	-.004	0	0
14	RAIL3	PY	-.002	-.002	0	0
15	PLATECORNER3C	PY	-.01	-.01	0	0
16	PLATECORNER3B	PY	-.01	-.01	0	0
17	PLATECORNER3A	PY	-.01	-.01	0	0
18	PLATECORNER2C	PY	-.01	-.01	0	0
19	PLATECORNER2B	PY	-.01	-.01	0	0
20	PLATECORNER2A	PY	-.01	-.01	0	0
21	PLATECORNER1C	PY	-.01	-.01	0	0
22	PLATECORNER1B	PY	-.01	-.01	0	0
23	PLATECORNER1A	PY	-.01	-.01	0	0
24	PLATE12	PY	-.01	-.01	0	0
25	PLATE11	PY	-.01	-.01	0	0
26	PLATE10	PY	-.01	-.01	0	0
27	PLATE9	PY	-.01	-.01	0	0
28	PLATE8	PY	-.01	-.01	0	0
29	PLATE7	PY	-.01	-.01	0	0
30	PLATE6	PY	-.01	-.01	0	0
31	PLATE5	PY	-.01	-.01	0	0
32	PLATE4	PY	-.01	-.01	0	0
33	PLATE3	PY	-.01	-.01	0	0
34	PLATE2	PY	-.01	-.01	0	0
35	PLATE1	PY	-.01	-.01	0	0
36	MP GAMMA4	PY	-.005	-.005	0	0
37	MP GAMMA3	PY	-.005	-.005	0	0
38	MP GAMMA2	PY	-.005	-.005	0	0
39	MP GAMMA1	PY	-.005	-.005	0	0
40	MP BETA4	PY	-.005	-.005	0	0
41	MP BETA3	PY	-.005	-.005	0	0
42	MP BETA2	PY	-.005	-.005	0	0
43	MP BETA1	PY	-.005	-.005	0	0
44	MP ALPHA4	PY	-.005	-.005	0	0
45	MP ALPHA3	PY	-.005	-.005	0	0

Member Distributed Loads (BLC 13 : Wind Load (300)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
46	MP ALPHA2	PY	-.005	-.005	0	0
47	MP ALPHA1	PY	-.005	-.005	0	0
48	FACE1	PY	-.005	-.005	0	0
49	FACE2	PY	-.005	-.005	0	0
50	FACE3	PY	-.002	-.002	0	0
51	CR3B	PY	-.004	-.004	0	0
52	CR3A	PY	-.004	-.004	0	0
53	CR2B	PY	-.004	-.004	0	0
54	CR2A	PY	-.004	-.004	0	0
55	CR1B	PY	-.004	-.004	0	0
56	CR1A	PY	-.004	-.004	0	0
57	ANGLE2	PY	-.004	-.004	0	0
58	TOPANGLE3	PX	.007	.007	0	0
59	TOPANGLE2	PX	.007	.007	0	0
60	SUP3B	PX	.006	.006	0	0
61	SUP3A	PX	.006	.006	0	0
62	SUP2B	PX	.006	.006	0	0
63	SUP2A	PX	.006	.006	0	0
64	SUP1B	PX	.006	.006	0	0
65	SUP1A	PX	.006	.006	0	0
66	SO3	PX	.007	.007	0	0
67	SO2	PX	.007	.007	0	0
68	SO1	PX	.007	.007	0	0
69	RAIL1	PX	.007	.007	0	0
70	RAIL2	PX	.007	.007	0	0
71	RAIL3	PX	.003	.003	0	0
72	PLATECORNER3C	PX	.018	.018	0	0
73	PLATECORNER3B	PX	.018	.018	0	0
74	PLATECORNER3A	PX	.018	.018	0	0
75	PLATECORNER2C	PX	.018	.018	0	0
76	PLATECORNER2B	PX	.018	.018	0	0
77	PLATECORNER2A	PX	.018	.018	0	0
78	PLATECORNER1C	PX	.018	.018	0	0
79	PLATECORNER1B	PX	.018	.018	0	0
80	PLATECORNER1A	PX	.018	.018	0	0
81	PLATE12	PX	.018	.018	0	0
82	PLATE11	PX	.018	.018	0	0
83	PLATE10	PX	.018	.018	0	0
84	PLATE9	PX	.018	.018	0	0
85	PLATE8	PX	.018	.018	0	0
86	PLATE7	PX	.018	.018	0	0
87	PLATE6	PX	.018	.018	0	0
88	PLATE5	PX	.018	.018	0	0
89	PLATE4	PX	.018	.018	0	0
90	PLATE3	PX	.018	.018	0	0
91	PLATE2	PX	.018	.018	0	0
92	PLATE1	PX	.018	.018	0	0
93	MP GAMMA4	PX	.008	.008	0	0
94	MP GAMMA3	PX	.008	.008	0	0
95	MP GAMMA2	PX	.008	.008	0	0
96	MP GAMMA1	PX	.008	.008	0	0
97	MP BETA4	PX	.008	.008	0	0
98	MP BETA3	PX	.008	.008	0	0
99	MP BETA2	PX	.008	.008	0	0
100	MP BETA1	PX	.008	.008	0	0
101	MP ALPHA4	PX	.008	.008	0	0
102	MP ALPHA3	PX	.008	.008	0	0

Member Distributed Loads (BLC 13 : Wind Load (300)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
103	MP ALPHA2	PX	.008	.008	0	0
104	MP ALPHA1	PX	.008	.008	0	0
105	FACE1	PX	.008	.008	0	0
106	FACE2	PX	.008	.008	0	0
107	FACE3	PX	.004	.004	0	0
108	CR3B	PX	.007	.007	0	0
109	CR3A	PX	.007	.007	0	0
110	CR2B	PX	.007	.007	0	0
111	CR2A	PX	.007	.007	0	0
112	CR1B	PX	.007	.007	0	0
113	CR1A	PX	.007	.007	0	0
114	ANGLE2	PX	.007	.007	0	0
115	M115A	PY	-.004	-.004	0	0
116	M115A	PX	.007	.007	0	0
117	M117	PY	-.004	-.004	0	0
118	M117	PX	.007	.007	0	0
119	M120	PY	-.004	-.004	0	0
120	M120	PX	.007	.007	0	0

Member Distributed Loads (BLC 14 : Wind Load (330))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.007	-.007	0	0
2	TOPANGLE2	PY	-.007	-.007	0	0
3	SUP3B	PY	-.006	-.006	0	0
4	SUP3A	PY	-.006	-.006	0	0
5	SUP2B	PY	-.006	-.006	0	0
6	SUP2A	PY	-.006	-.006	0	0
7	SUP1B	PY	-.006	-.006	0	0
8	SUP1A	PY	-.006	-.006	0	0
9	SO3	PY	-.007	-.007	0	0
10	SO2	PY	-.007	-.007	0	0
11	SO1	PY	-.007	-.007	0	0
12	RAIL3	PY	-.007	-.007	0	0
13	RAIL2	PY	-.007	-.007	0	0
14	RAIL1	PY	-.003	-.003	0	0
15	PLATECORNER3C	PY	-.018	-.018	0	0
16	PLATECORNER3B	PY	-.018	-.018	0	0
17	PLATECORNER3A	PY	-.018	-.018	0	0
18	PLATECORNER2C	PY	-.018	-.018	0	0
19	PLATECORNER2B	PY	-.018	-.018	0	0
20	PLATECORNER2A	PY	-.018	-.018	0	0
21	PLATECORNER1C	PY	-.018	-.018	0	0
22	PLATECORNER1B	PY	-.018	-.018	0	0
23	PLATECORNER1A	PY	-.018	-.018	0	0
24	PLATE12	PY	-.018	-.018	0	0
25	PLATE11	PY	-.018	-.018	0	0
26	PLATE10	PY	-.018	-.018	0	0
27	PLATE9	PY	-.018	-.018	0	0
28	PLATE8	PY	-.018	-.018	0	0
29	PLATE7	PY	-.018	-.018	0	0
30	PLATE6	PY	-.018	-.018	0	0
31	PLATE5	PY	-.018	-.018	0	0
32	PLATE4	PY	-.018	-.018	0	0
33	PLATE3	PY	-.018	-.018	0	0
34	PLATE2	PY	-.018	-.018	0	0
35	PLATE1	PY	-.018	-.018	0	0

Member Distributed Loads (BLC 14 : Wind Load (330)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
36	MP GAMMA4	PY	-.008	-.008	0	0
37	MP GAMMA3	PY	-.008	-.008	0	0
38	MP GAMMA2	PY	-.008	-.008	0	0
39	MP GAMMA1	PY	-.008	-.008	0	0
40	MP BETA4	PY	-.008	-.008	0	0
41	MP BETA3	PY	-.008	-.008	0	0
42	MP BETA2	PY	-.008	-.008	0	0
43	MP BETA1	PY	-.008	-.008	0	0
44	MP ALPHA4	PY	-.008	-.008	0	0
45	MP ALPHA3	PY	-.008	-.008	0	0
46	MP ALPHA2	PY	-.008	-.008	0	0
47	MP ALPHA1	PY	-.008	-.008	0	0
48	FACE3	PY	-.008	-.008	0	0
49	FACE2	PY	-.008	-.008	0	0
50	FACE1	PY	-.004	-.004	0	0
51	CR3B	PY	-.007	-.007	0	0
52	CR3A	PY	-.007	-.007	0	0
53	CR2B	PY	-.007	-.007	0	0
54	CR2A	PY	-.007	-.007	0	0
55	CR1B	PY	-.007	-.007	0	0
56	CR1A	PY	-.007	-.007	0	0
57	ANGLE2	PY	-.007	-.007	0	0
58	TOPANGLE3	PX	.004	.004	0	0
59	TOPANGLE2	PX	.004	.004	0	0
60	SUP3B	PX	.003	.003	0	0
61	SUP3A	PX	.003	.003	0	0
62	SUP2B	PX	.003	.003	0	0
63	SUP2A	PX	.003	.003	0	0
64	SUP1B	PX	.003	.003	0	0
65	SUP1A	PX	.003	.003	0	0
66	SO3	PX	.004	.004	0	0
67	SO2	PX	.004	.004	0	0
68	SO1	PX	.004	.004	0	0
69	RAIL3	PX	.004	.004	0	0
70	RAIL2	PX	.004	.004	0	0
71	RAIL1	PX	.002	.002	0	0
72	PLATECORNER3C	PX	.01	.01	0	0
73	PLATECORNER3B	PX	.01	.01	0	0
74	PLATECORNER3A	PX	.01	.01	0	0
75	PLATECORNER2C	PX	.01	.01	0	0
76	PLATECORNER2B	PX	.01	.01	0	0
77	PLATECORNER2A	PX	.01	.01	0	0
78	PLATECORNER1C	PX	.01	.01	0	0
79	PLATECORNER1B	PX	.01	.01	0	0
80	PLATECORNER1A	PX	.01	.01	0	0
81	PLATE12	PX	.01	.01	0	0
82	PLATE11	PX	.01	.01	0	0
83	PLATE10	PX	.01	.01	0	0
84	PLATE9	PX	.01	.01	0	0
85	PLATE8	PX	.01	.01	0	0
86	PLATE7	PX	.01	.01	0	0
87	PLATE6	PX	.01	.01	0	0
88	PLATE5	PX	.01	.01	0	0
89	PLATE4	PX	.01	.01	0	0
90	PLATE3	PX	.01	.01	0	0
91	PLATE2	PX	.01	.01	0	0
92	PLATE1	PX	.01	.01	0	0

Member Distributed Loads (BLC 14 : Wind Load (330)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
93	MP GAMMA4	PX	.005	.005	0	0
94	MP GAMMA3	PX	.005	.005	0	0
95	MP GAMMA2	PX	.005	.005	0	0
96	MP GAMMA1	PX	.005	.005	0	0
97	MP BETA4	PX	.005	.005	0	0
98	MP BETA3	PX	.005	.005	0	0
99	MP BETA2	PX	.005	.005	0	0
100	MP BETA1	PX	.005	.005	0	0
101	MP ALPHA4	PX	.005	.005	0	0
102	MP ALPHA3	PX	.005	.005	0	0
103	MP ALPHA2	PX	.005	.005	0	0
104	MP ALPHA1	PX	.005	.005	0	0
105	FACE3	PX	.005	.005	0	0
106	FACE2	PX	.005	.005	0	0
107	FACE1	PX	.002	.002	0	0
108	CR3B	PX	.004	.004	0	0
109	CR3A	PX	.004	.004	0	0
110	CR2B	PX	.004	.004	0	0
111	CR2A	PX	.004	.004	0	0
112	CR1B	PX	.004	.004	0	0
113	CR1A	PX	.004	.004	0	0
114	ANGLE2	PX	.004	.004	0	0
115	M115A	PY	-.007	-.007	0	0
116	M115A	PX	.004	.004	0	0
117	M117	PY	-.007	-.007	0	0
118	M117	PX	.004	.004	0	0
119	M120	PY	-.007	-.007	0	0
120	M120	PX	.004	.004	0	0

Member Distributed Loads (BLC 15 : Maintanence (0))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.000451	-.000451	0	0
2	TOPANGLE2	PY	-.000451	-.000451	0	0
3	SUP3B	PY	-.000361	-.000361	0	0
4	SUP3A	PY	-.000361	-.000361	0	0
5	SUP2B	PY	-.000361	-.000361	0	0
6	SUP2A	PY	-.000361	-.000361	0	0
7	SUP1B	PY	-.000361	-.000361	0	0
8	SUP1A	PY	-.000361	-.000361	0	0
9	SO3	PY	-.000451	-.000451	0	0
10	SO2	PY	-.000451	-.000451	0	0
11	SO1	PY	-.000451	-.000451	0	0
12	RAIL3	PY	-.000403	-.000403	0	0
13	RAIL2	PY	-.000403	-.000403	0	0
14	RAIL1	PY	-.000202	-.000202	0	0
15	PLATECORNER3C	PY	-.001	-.001	0	0
16	PLATECORNER3B	PY	-.001	-.001	0	0
17	PLATECORNER3A	PY	-.001	-.001	0	0
18	PLATECORNER2C	PY	-.001	-.001	0	0
19	PLATECORNER2B	PY	-.001	-.001	0	0
20	PLATECORNER2A	PY	-.001	-.001	0	0
21	PLATECORNER1C	PY	-.001	-.001	0	0
22	PLATECORNER1B	PY	-.001	-.001	0	0
23	PLATECORNER1A	PY	-.001	-.001	0	0
24	PLATE12	PY	-.001	-.001	0	0
25	PLATE11	PY	-.001	-.001	0	0

Member Distributed Loads (BLC 15 : Maintanence (0)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
26	PLATE10	PY	-.001	-.001	0	0
27	PLATE9	PY	-.001	-.001	0	0
28	PLATE8	PY	-.001	-.001	0	0
29	PLATE7	PY	-.001	-.001	0	0
30	PLATE6	PY	-.001	-.001	0	0
31	PLATE5	PY	-.001	-.001	0	0
32	PLATE4	PY	-.001	-.001	0	0
33	PLATE3	PY	-.001	-.001	0	0
34	PLATE2	PY	-.001	-.001	0	0
35	PLATE1	PY	-.001	-.001	0	0
36	MP GAMMA4	PY	-.000515	-.000515	0	0
37	MP GAMMA3	PY	-.000515	-.000515	0	0
38	MP GAMMA2	PY	-.000515	-.000515	0	0
39	MP GAMMA1	PY	-.000515	-.000515	0	0
40	MP BETA4	PY	-.000515	-.000515	0	0
41	MP BETA3	PY	-.000515	-.000515	0	0
42	MP BETA2	PY	-.000515	-.000515	0	0
43	MP BETA1	PY	-.000515	-.000515	0	0
44	MP ALPHA4	PY	-.000515	-.000515	0	0
45	MP ALPHA3	PY	-.000515	-.000515	0	0
46	MP ALPHA2	PY	-.000515	-.000515	0	0
47	MP ALPHA1	PY	-.000515	-.000515	0	0
48	FACE3	PY	-.000491	-.000491	0	0
49	FACE2	PY	-.000491	-.000491	0	0
50	FACE1	PY	-.000246	-.000246	0	0
51	CR3B	PY	-.000451	-.000451	0	0
52	CR3A	PY	-.000451	-.000451	0	0
53	CR2B	PY	-.000451	-.000451	0	0
54	CR2A	PY	-.000451	-.000451	0	0
55	CR1B	PY	-.000451	-.000451	0	0
56	CR1A	PY	-.000451	-.000451	0	0
57	ANGLE2	PY	-.000451	-.000451	0	0
58	M115A	PY	-.000451	-.000451	0	0
59	M117	PY	-.000451	-.000451	0	0
60	M120	PY	-.000451	-.000451	0	0

Member Distributed Loads (BLC 16 : Maintanence (30))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.000391	-.000391	0	0
2	TOPANGLE2	PY	-.000391	-.000391	0	0
3	SUP3B	PY	-.000313	-.000313	0	0
4	SUP3A	PY	-.000313	-.000313	0	0
5	SUP2B	PY	-.000313	-.000313	0	0
6	SUP2A	PY	-.000313	-.000313	0	0
7	SUP1B	PY	-.000313	-.000313	0	0
8	SUP1A	PY	-.000313	-.000313	0	0
9	SO3	PY	-.000391	-.000391	0	0
10	SO2	PY	-.000391	-.000391	0	0
11	SO1	PY	-.000391	-.000391	0	0
12	RAIL3	PY	-.000349	-.000349	0	0
13	RAIL2	PY	-.000349	-.000349	0	0
14	RAIL1	PY	-.000175	-.000175	0	0
15	PLATECORNER3C	PY	-.000938	-.000938	0	0
16	PLATECORNER3B	PY	-.000938	-.000938	0	0
17	PLATECORNER3A	PY	-.000938	-.000938	0	0
18	PLATECORNER2C	PY	-.000938	-.000938	0	0

Member Distributed Loads (BLC 16 : Maintanence (30)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
19	PLATECORNER2B	PY	-.000938	-.000938	0	0
20	PLATECORNER2A	PY	-.000938	-.000938	0	0
21	PLATECORNER1C	PY	-.000938	-.000938	0	0
22	PLATECORNER1B	PY	-.000938	-.000938	0	0
23	PLATECORNER1A	PY	-.000938	-.000938	0	0
24	PLATE12	PY	-.000938	-.000938	0	0
25	PLATE11	PY	-.000938	-.000938	0	0
26	PLATE10	PY	-.000938	-.000938	0	0
27	PLATE9	PY	-.000938	-.000938	0	0
28	PLATE8	PY	-.000938	-.000938	0	0
29	PLATE7	PY	-.000938	-.000938	0	0
30	PLATE6	PY	-.000938	-.000938	0	0
31	PLATE5	PY	-.000938	-.000938	0	0
32	PLATE4	PY	-.000938	-.000938	0	0
33	PLATE3	PY	-.000938	-.000938	0	0
34	PLATE2	PY	-.000938	-.000938	0	0
35	PLATE1	PY	-.000938	-.000938	0	0
36	MP GAMMA4	PY	-.000446	-.000446	0	0
37	MP GAMMA3	PY	-.000446	-.000446	0	0
38	MP GAMMA2	PY	-.000446	-.000446	0	0
39	MP GAMMA1	PY	-.000446	-.000446	0	0
40	MP BETA4	PY	-.000446	-.000446	0	0
41	MP BETA3	PY	-.000446	-.000446	0	0
42	MP BETA2	PY	-.000446	-.000446	0	0
43	MP BETA1	PY	-.000446	-.000446	0	0
44	MP ALPHA4	PY	-.000446	-.000446	0	0
45	MP ALPHA3	PY	-.000446	-.000446	0	0
46	MP ALPHA2	PY	-.000446	-.000446	0	0
47	MP ALPHA1	PY	-.000446	-.000446	0	0
48	FACE3	PY	-.000425	-.000425	0	0
49	FACE2	PY	-.000425	-.000425	0	0
50	FACE1	PY	-.000213	-.000213	0	0
51	CR3B	PY	-.000391	-.000391	0	0
52	CR3A	PY	-.000391	-.000391	0	0
53	CR2B	PY	-.000391	-.000391	0	0
54	CR2A	PY	-.000391	-.000391	0	0
55	CR1B	PY	-.000391	-.000391	0	0
56	CR1A	PY	-.000391	-.000391	0	0
57	ANGLE2	PY	-.000391	-.000391	0	0
58	TOPANGLE3	PX	-.000226	-.000226	0	0
59	TOPANGLE2	PX	-.000226	-.000226	0	0
60	SUP3B	PX	-.000181	-.000181	0	0
61	SUP3A	PX	-.000181	-.000181	0	0
62	SUP2B	PX	-.000181	-.000181	0	0
63	SUP2A	PX	-.000181	-.000181	0	0
64	SUP1B	PX	-.000181	-.000181	0	0
65	SUP1A	PX	-.000181	-.000181	0	0
66	SO3	PX	-.000226	-.000226	0	0
67	SO2	PX	-.000226	-.000226	0	0
68	SO1	PX	-.000226	-.000226	0	0
69	RAIL3	PX	-.000202	-.000202	0	0
70	RAIL2	PX	-.000202	-.000202	0	0
71	RAIL1	PX	-.000101	-.000101	0	0
72	PLATECORNER3C	PX	-.000542	-.000542	0	0
73	PLATECORNER3B	PX	-.000542	-.000542	0	0
74	PLATECORNER3A	PX	-.000542	-.000542	0	0
75	PLATECORNER2C	PX	-.000542	-.000542	0	0

Member Distributed Loads (BLC 16 : Maintanence (30)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
76	PLATECORNER2B	PX	-.000542	-.000542	0	0
77	PLATECORNER2A	PX	-.000542	-.000542	0	0
78	PLATECORNER1C	PX	-.000542	-.000542	0	0
79	PLATECORNER1B	PX	-.000542	-.000542	0	0
80	PLATECORNER1A	PX	-.000542	-.000542	0	0
81	PLATE12	PX	-.000542	-.000542	0	0
82	PLATE11	PX	-.000542	-.000542	0	0
83	PLATE10	PX	-.000542	-.000542	0	0
84	PLATE9	PX	-.000542	-.000542	0	0
85	PLATE8	PX	-.000542	-.000542	0	0
86	PLATE7	PX	-.000542	-.000542	0	0
87	PLATE6	PX	-.000542	-.000542	0	0
88	PLATE5	PX	-.000542	-.000542	0	0
89	PLATE4	PX	-.000542	-.000542	0	0
90	PLATE3	PX	-.000542	-.000542	0	0
91	PLATE2	PX	-.000542	-.000542	0	0
92	PLATE1	PX	-.000542	-.000542	0	0
93	MP GAMMA4	PX	-.000257	-.000257	0	0
94	MP GAMMA3	PX	-.000257	-.000257	0	0
95	MP GAMMA2	PX	-.000257	-.000257	0	0
96	MP GAMMA1	PX	-.000257	-.000257	0	0
97	MP BETA4	PX	-.000257	-.000257	0	0
98	MP BETA3	PX	-.000257	-.000257	0	0
99	MP BETA2	PX	-.000257	-.000257	0	0
100	MP BETA1	PX	-.000257	-.000257	0	0
101	MP ALPHA4	PX	-.000257	-.000257	0	0
102	MP ALPHA3	PX	-.000257	-.000257	0	0
103	MP ALPHA2	PX	-.000257	-.000257	0	0
104	MP ALPHA1	PX	-.000257	-.000257	0	0
105	FACE3	PX	-.000246	-.000246	0	0
106	FACE2	PX	-.000246	-.000246	0	0
107	FACE1	PX	-.000123	-.000123	0	0
108	CR3B	PX	-.000226	-.000226	0	0
109	CR3A	PX	-.000226	-.000226	0	0
110	CR2B	PX	-.000226	-.000226	0	0
111	CR2A	PX	-.000226	-.000226	0	0
112	CR1B	PX	-.000226	-.000226	0	0
113	CR1A	PX	-.000226	-.000226	0	0
114	ANGLE2	PX	-.000226	-.000226	0	0
115	M115A	PY	-.000391	-.000391	0	0
116	M115A	PX	-.000226	-.000226	0	0
117	M117	PY	-.000391	-.000391	0	0
118	M117	PX	-.000226	-.000226	0	0
119	M120	PY	-.000391	-.000391	0	0
120	M120	PX	-.000226	-.000226	0	0

Member Distributed Loads (BLC 17 : Maintanence (60))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.000226	-.000226	0	0
2	TOPANGLE2	PY	-.000226	-.000226	0	0
3	SUP3B	PY	-.000181	-.000181	0	0
4	SUP3A	PY	-.000181	-.000181	0	0
5	SUP2B	PY	-.000181	-.000181	0	0
6	SUP2A	PY	-.000181	-.000181	0	0
7	SUP1B	PY	-.000181	-.000181	0	0
8	SUP1A	PY	-.000181	-.000181	0	0

Member Distributed Loads (BLC 17 : Maintanence (60)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
9	SO3	PY	-.000226	-.000226	0	0
10	SO2	PY	-.000226	-.000226	0	0
11	SO1	PY	-.000226	-.000226	0	0
12	RAIL3	PY	-.000202	-.000202	0	0
13	RAIL2	PY	-.000202	-.000202	0	0
14	RAIL1	PY	-.000101	-.000101	0	0
15	PLATECORNER3C	PY	-.000542	-.000542	0	0
16	PLATECORNER3B	PY	-.000542	-.000542	0	0
17	PLATECORNER3A	PY	-.000542	-.000542	0	0
18	PLATECORNER2C	PY	-.000542	-.000542	0	0
19	PLATECORNER2B	PY	-.000542	-.000542	0	0
20	PLATECORNER2A	PY	-.000542	-.000542	0	0
21	PLATECORNER1C	PY	-.000542	-.000542	0	0
22	PLATECORNER1B	PY	-.000542	-.000542	0	0
23	PLATECORNER1A	PY	-.000542	-.000542	0	0
24	PLATE12	PY	-.000542	-.000542	0	0
25	PLATE11	PY	-.000542	-.000542	0	0
26	PLATE10	PY	-.000542	-.000542	0	0
27	PLATE9	PY	-.000542	-.000542	0	0
28	PLATE8	PY	-.000542	-.000542	0	0
29	PLATE7	PY	-.000542	-.000542	0	0
30	PLATE6	PY	-.000542	-.000542	0	0
31	PLATE5	PY	-.000542	-.000542	0	0
32	PLATE4	PY	-.000542	-.000542	0	0
33	PLATE3	PY	-.000542	-.000542	0	0
34	PLATE2	PY	-.000542	-.000542	0	0
35	PLATE1	PY	-.000542	-.000542	0	0
36	MP GAMMA4	PY	-.000257	-.000257	0	0
37	MP GAMMA3	PY	-.000257	-.000257	0	0
38	MP GAMMA2	PY	-.000257	-.000257	0	0
39	MP GAMMA1	PY	-.000257	-.000257	0	0
40	MP BETA4	PY	-.000257	-.000257	0	0
41	MP BETA3	PY	-.000257	-.000257	0	0
42	MP BETA2	PY	-.000257	-.000257	0	0
43	MP BETA1	PY	-.000257	-.000257	0	0
44	MP ALPHA4	PY	-.000257	-.000257	0	0
45	MP ALPHA3	PY	-.000257	-.000257	0	0
46	MP ALPHA2	PY	-.000257	-.000257	0	0
47	MP ALPHA1	PY	-.000257	-.000257	0	0
48	FACE3	PY	-.000246	-.000246	0	0
49	FACE2	PY	-.000246	-.000246	0	0
50	FACE1	PY	-.000123	-.000123	0	0
51	CR3B	PY	-.000226	-.000226	0	0
52	CR3A	PY	-.000226	-.000226	0	0
53	CR2B	PY	-.000226	-.000226	0	0
54	CR2A	PY	-.000226	-.000226	0	0
55	CR1B	PY	-.000226	-.000226	0	0
56	CR1A	PY	-.000226	-.000226	0	0
57	ANGLE2	PY	-.000226	-.000226	0	0
58	TOPANGLE3	PX	-.000391	-.000391	0	0
59	TOPANGLE2	PX	-.000391	-.000391	0	0
60	SUP3B	PX	-.000313	-.000313	0	0
61	SUP3A	PX	-.000313	-.000313	0	0
62	SUP2B	PX	-.000313	-.000313	0	0
63	SUP2A	PX	-.000313	-.000313	0	0
64	SUP1B	PX	-.000313	-.000313	0	0
65	SUP1A	PX	-.000313	-.000313	0	0

Member Distributed Loads (BLC 17 : Maintanence (60)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
66	SO3	PX	-.000391	-.000391	0	0
67	SO2	PX	-.000391	-.000391	0	0
68	SO1	PX	-.000391	-.000391	0	0
69	RAIL3	PX	-.000349	-.000349	0	0
70	RAIL2	PX	-.000349	-.000349	0	0
71	RAIL1	PX	-.000175	-.000175	0	0
72	PLATECORNER3C	PX	-.000938	-.000938	0	0
73	PLATECORNER3B	PX	-.000938	-.000938	0	0
74	PLATECORNER3A	PX	-.000938	-.000938	0	0
75	PLATECORNER2C	PX	-.000938	-.000938	0	0
76	PLATECORNER2B	PX	-.000938	-.000938	0	0
77	PLATECORNER2A	PX	-.000938	-.000938	0	0
78	PLATECORNER1C	PX	-.000938	-.000938	0	0
79	PLATECORNER1B	PX	-.000938	-.000938	0	0
80	PLATECORNER1A	PX	-.000938	-.000938	0	0
81	PLATE12	PX	-.000938	-.000938	0	0
82	PLATE11	PX	-.000938	-.000938	0	0
83	PLATE10	PX	-.000938	-.000938	0	0
84	PLATE9	PX	-.000938	-.000938	0	0
85	PLATE8	PX	-.000938	-.000938	0	0
86	PLATE7	PX	-.000938	-.000938	0	0
87	PLATE6	PX	-.000938	-.000938	0	0
88	PLATE5	PX	-.000938	-.000938	0	0
89	PLATE4	PX	-.000938	-.000938	0	0
90	PLATE3	PX	-.000938	-.000938	0	0
91	PLATE2	PX	-.000938	-.000938	0	0
92	PLATE1	PX	-.000938	-.000938	0	0
93	MP GAMMA4	PX	-.000446	-.000446	0	0
94	MP GAMMA3	PX	-.000446	-.000446	0	0
95	MP GAMMA2	PX	-.000446	-.000446	0	0
96	MP GAMMA1	PX	-.000446	-.000446	0	0
97	MP BETA4	PX	-.000446	-.000446	0	0
98	MP BETA3	PX	-.000446	-.000446	0	0
99	MP BETA2	PX	-.000446	-.000446	0	0
100	MP BETA1	PX	-.000446	-.000446	0	0
101	MP ALPHA4	PX	-.000446	-.000446	0	0
102	MP ALPHA3	PX	-.000446	-.000446	0	0
103	MP ALPHA2	PX	-.000446	-.000446	0	0
104	MP ALPHA1	PX	-.000446	-.000446	0	0
105	FACE3	PX	-.000425	-.000425	0	0
106	FACE2	PX	-.000425	-.000425	0	0
107	FACE1	PX	-.000213	-.000213	0	0
108	CR3B	PX	-.000391	-.000391	0	0
109	CR3A	PX	-.000391	-.000391	0	0
110	CR2B	PX	-.000391	-.000391	0	0
111	CR2A	PX	-.000391	-.000391	0	0
112	CR1B	PX	-.000391	-.000391	0	0
113	CR1A	PX	-.000391	-.000391	0	0
114	ANGLE2	PX	-.000391	-.000391	0	0
115	M115A	PY	-.000226	-.000226	0	0
116	M115A	PX	-.000391	-.000391	0	0
117	M117	PY	-.000226	-.000226	0	0
118	M117	PX	-.000391	-.000391	0	0
119	M120	PY	-.000226	-.000226	0	0
120	M120	PX	-.000391	-.000391	0	0

Member Distributed Loads (BLC 18 : Maintanence (90))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PX	-.000451	-.000451	0	0
2	TOPANGLE2	PX	-.000451	-.000451	0	0
3	SUP3B	PX	-.000361	-.000361	0	0
4	SUP3A	PX	-.000361	-.000361	0	0
5	SUP2B	PX	-.000361	-.000361	0	0
6	SUP2A	PX	-.000361	-.000361	0	0
7	SUP1B	PX	-.000361	-.000361	0	0
8	SUP1A	PX	-.000361	-.000361	0	0
9	SO3	PX	-.000451	-.000451	0	0
10	SO2	PX	-.000451	-.000451	0	0
11	SO1	PX	-.000451	-.000451	0	0
12	RAIL1	PX	-.000403	-.000403	0	0
13	RAIL3	PX	-.000403	-.000403	0	0
14	RAIL2	PX	-.000202	-.000202	0	0
15	PLATECORNER3C	PX	-.001	-.001	0	0
16	PLATECORNER3B	PX	-.001	-.001	0	0
17	PLATECORNER3A	PX	-.001	-.001	0	0
18	PLATECORNER2C	PX	-.001	-.001	0	0
19	PLATECORNER2B	PX	-.001	-.001	0	0
20	PLATECORNER2A	PX	-.001	-.001	0	0
21	PLATECORNER1C	PX	-.001	-.001	0	0
22	PLATECORNER1B	PX	-.001	-.001	0	0
23	PLATECORNER1A	PX	-.001	-.001	0	0
24	PLATE12	PX	-.001	-.001	0	0
25	PLATE11	PX	-.001	-.001	0	0
26	PLATE10	PX	-.001	-.001	0	0
27	PLATE9	PX	-.001	-.001	0	0
28	PLATE8	PX	-.001	-.001	0	0
29	PLATE7	PX	-.001	-.001	0	0
30	PLATE6	PX	-.001	-.001	0	0
31	PLATE5	PX	-.001	-.001	0	0
32	PLATE4	PX	-.001	-.001	0	0
33	PLATE3	PX	-.001	-.001	0	0
34	PLATE2	PX	-.001	-.001	0	0
35	PLATE1	PX	-.001	-.001	0	0
36	MP GAMMA4	PX	-.000515	-.000515	0	0
37	MP GAMMA3	PX	-.000515	-.000515	0	0
38	MP GAMMA2	PX	-.000515	-.000515	0	0
39	MP GAMMA1	PX	-.000515	-.000515	0	0
40	MP BETA4	PX	-.000515	-.000515	0	0
41	MP BETA3	PX	-.000515	-.000515	0	0
42	MP BETA2	PX	-.000515	-.000515	0	0
43	MP BETA1	PX	-.000515	-.000515	0	0
44	MP ALPHA4	PX	-.000515	-.000515	0	0
45	MP ALPHA3	PX	-.000515	-.000515	0	0
46	MP ALPHA2	PX	-.000515	-.000515	0	0
47	MP ALPHA1	PX	-.000515	-.000515	0	0
48	FACE1	PX	-.000491	-.000491	0	0
49	FACE3	PX	-.000491	-.000491	0	0
50	FACE2	PX	-.000246	-.000246	0	0
51	CR3B	PX	-.000451	-.000451	0	0
52	CR3A	PX	-.000451	-.000451	0	0
53	CR2B	PX	-.000451	-.000451	0	0
54	CR2A	PX	-.000451	-.000451	0	0
55	CR1B	PX	-.000451	-.000451	0	0
56	CR1A	PX	-.000451	-.000451	0	0
57	ANGLE2	PX	-.000451	-.000451	0	0

Member Distributed Loads (BLC 18 : Maintanence (90)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
58	M115A	PX	-.000451	-.000451	0	0
59	M117	PX	-.000451	-.000451	0	0
60	M120	PX	-.000451	-.000451	0	0

Member Distributed Loads (BLC 19 : Maintanence (120))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.000226	.000226	0	0
2	TOPANGLE2	PY	.000226	.000226	0	0
3	SUP3B	PY	.000181	.000181	0	0
4	SUP3A	PY	.000181	.000181	0	0
5	SUP2B	PY	.000181	.000181	0	0
6	SUP2A	PY	.000181	.000181	0	0
7	SUP1B	PY	.000181	.000181	0	0
8	SUP1A	PY	.000181	.000181	0	0
9	SO3	PY	.000226	.000226	0	0
10	SO2	PY	.000226	.000226	0	0
11	SO1	PY	.000226	.000226	0	0
12	RAIL1	PY	.000202	.000202	0	0
13	RAIL3	PY	.000202	.000202	0	0
14	RAIL2	PY	.000101	.000101	0	0
15	PLATECORNER3C	PY	.000542	.000542	0	0
16	PLATECORNER3B	PY	.000542	.000542	0	0
17	PLATECORNER3A	PY	.000542	.000542	0	0
18	PLATECORNER2C	PY	.000542	.000542	0	0
19	PLATECORNER2B	PY	.000542	.000542	0	0
20	PLATECORNER2A	PY	.000542	.000542	0	0
21	PLATECORNER1C	PY	.000542	.000542	0	0
22	PLATECORNER1B	PY	.000542	.000542	0	0
23	PLATECORNER1A	PY	.000542	.000542	0	0
24	PLATE12	PY	.000542	.000542	0	0
25	PLATE11	PY	.000542	.000542	0	0
26	PLATE10	PY	.000542	.000542	0	0
27	PLATE9	PY	.000542	.000542	0	0
28	PLATE8	PY	.000542	.000542	0	0
29	PLATE7	PY	.000542	.000542	0	0
30	PLATE6	PY	.000542	.000542	0	0
31	PLATE5	PY	.000542	.000542	0	0
32	PLATE4	PY	.000542	.000542	0	0
33	PLATE3	PY	.000542	.000542	0	0
34	PLATE2	PY	.000542	.000542	0	0
35	PLATE1	PY	.000542	.000542	0	0
36	MP GAMMA4	PY	.000257	.000257	0	0
37	MP GAMMA3	PY	.000257	.000257	0	0
38	MP GAMMA2	PY	.000257	.000257	0	0
39	MP GAMMA1	PY	.000257	.000257	0	0
40	MP BETA4	PY	.000257	.000257	0	0
41	MP BETA3	PY	.000257	.000257	0	0
42	MP BETA2	PY	.000257	.000257	0	0
43	MP BETA1	PY	.000257	.000257	0	0
44	MP ALPHA4	PY	.000257	.000257	0	0
45	MP ALPHA3	PY	.000257	.000257	0	0
46	MP ALPHA2	PY	.000257	.000257	0	0
47	MP ALPHA1	PY	.000257	.000257	0	0
48	FACE1	PY	.000246	.000246	0	0
49	FACE3	PY	.000246	.000246	0	0
50	FACE2	PY	.000123	.000123	0	0

Member Distributed Loads (BLC 19 : Maintanence (120)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
51	CR3B	PY	.000226	.000226	0	0
52	CR3A	PY	.000226	.000226	0	0
53	CR2B	PY	.000226	.000226	0	0
54	CR2A	PY	.000226	.000226	0	0
55	CR1B	PY	.000226	.000226	0	0
56	CR1A	PY	.000226	.000226	0	0
57	ANGLE2	PY	.000226	.000226	0	0
58	TOPANGLE3	PX	-.000391	-.000391	0	0
59	TOPANGLE2	PX	-.000391	-.000391	0	0
60	SUP3B	PX	-.000313	-.000313	0	0
61	SUP3A	PX	-.000313	-.000313	0	0
62	SUP2B	PX	-.000313	-.000313	0	0
63	SUP2A	PX	-.000313	-.000313	0	0
64	SUP1B	PX	-.000313	-.000313	0	0
65	SUP1A	PX	-.000313	-.000313	0	0
66	SO3	PX	-.000391	-.000391	0	0
67	SO2	PX	-.000391	-.000391	0	0
68	SO1	PX	-.000391	-.000391	0	0
69	RAIL1	PX	-.000349	-.000349	0	0
70	RAIL3	PX	-.000349	-.000349	0	0
71	RAIL2	PX	-.000175	-.000175	0	0
72	PLATECORNER3C	PX	-.000938	-.000938	0	0
73	PLATECORNER3B	PX	-.000938	-.000938	0	0
74	PLATECORNER3A	PX	-.000938	-.000938	0	0
75	PLATECORNER2C	PX	-.000938	-.000938	0	0
76	PLATECORNER2B	PX	-.000938	-.000938	0	0
77	PLATECORNER2A	PX	-.000938	-.000938	0	0
78	PLATECORNER1C	PX	-.000938	-.000938	0	0
79	PLATECORNER1B	PX	-.000938	-.000938	0	0
80	PLATECORNER1A	PX	-.000938	-.000938	0	0
81	PLATE12	PX	-.000938	-.000938	0	0
82	PLATE11	PX	-.000938	-.000938	0	0
83	PLATE10	PX	-.000938	-.000938	0	0
84	PLATE9	PX	-.000938	-.000938	0	0
85	PLATE8	PX	-.000938	-.000938	0	0
86	PLATE7	PX	-.000938	-.000938	0	0
87	PLATE6	PX	-.000938	-.000938	0	0
88	PLATE5	PX	-.000938	-.000938	0	0
89	PLATE4	PX	-.000938	-.000938	0	0
90	PLATE3	PX	-.000938	-.000938	0	0
91	PLATE2	PX	-.000938	-.000938	0	0
92	PLATE1	PX	-.000938	-.000938	0	0
93	MP GAMMA4	PX	-.000446	-.000446	0	0
94	MP GAMMA3	PX	-.000446	-.000446	0	0
95	MP GAMMA2	PX	-.000446	-.000446	0	0
96	MP GAMMA1	PX	-.000446	-.000446	0	0
97	MP BETA4	PX	-.000446	-.000446	0	0
98	MP BETA3	PX	-.000446	-.000446	0	0
99	MP BETA2	PX	-.000446	-.000446	0	0
100	MP BETA1	PX	-.000446	-.000446	0	0
101	MP ALPHA4	PX	-.000446	-.000446	0	0
102	MP ALPHA3	PX	-.000446	-.000446	0	0
103	MP ALPHA2	PX	-.000446	-.000446	0	0
104	MP ALPHA1	PX	-.000446	-.000446	0	0
105	FACE1	PX	-.000425	-.000425	0	0
106	FACE3	PX	-.000425	-.000425	0	0
107	FACE2	PX	-.000213	-.000213	0	0

Member Distributed Loads (BLC 19 : Maintanence (120)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
108	CR3B	PX	-.000391	-.000391	0	0
109	CR3A	PX	-.000391	-.000391	0	0
110	CR2B	PX	-.000391	-.000391	0	0
111	CR2A	PX	-.000391	-.000391	0	0
112	CR1B	PX	-.000391	-.000391	0	0
113	CR1A	PX	-.000391	-.000391	0	0
114	ANGLE2	PX	-.000391	-.000391	0	0
115	M115A	PY	.000226	.000226	0	0
116	M115A	PX	-.000391	-.000391	0	0
117	M117	PY	.000226	.000226	0	0
118	M117	PX	-.000391	-.000391	0	0
119	M120	PY	.000226	.000226	0	0
120	M120	PX	-.000391	-.000391	0	0

Member Distributed Loads (BLC 20 : Maintanence (150))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.000391	.000391	0	0
2	TOPANGLE2	PY	.000391	.000391	0	0
3	SUP3B	PY	.000313	.000313	0	0
4	SUP3A	PY	.000313	.000313	0	0
5	SUP2B	PY	.000313	.000313	0	0
6	SUP2A	PY	.000313	.000313	0	0
7	SUP1B	PY	.000313	.000313	0	0
8	SUP1A	PY	.000313	.000313	0	0
9	SO3	PY	.000391	.000391	0	0
10	SO2	PY	.000391	.000391	0	0
11	SO1	PY	.000391	.000391	0	0
12	RAIL1	PY	.000349	.000349	0	0
13	RAIL3	PY	.000349	.000349	0	0
14	RAIL2	PY	.000175	.000175	0	0
15	PLATECORNER3C	PY	.000938	.000938	0	0
16	PLATECORNER3B	PY	.000938	.000938	0	0
17	PLATECORNER3A	PY	.000938	.000938	0	0
18	PLATECORNER2C	PY	.000938	.000938	0	0
19	PLATECORNER2B	PY	.000938	.000938	0	0
20	PLATECORNER2A	PY	.000938	.000938	0	0
21	PLATECORNER1C	PY	.000938	.000938	0	0
22	PLATECORNER1B	PY	.000938	.000938	0	0
23	PLATECORNER1A	PY	.000938	.000938	0	0
24	PLATE12	PY	.000938	.000938	0	0
25	PLATE11	PY	.000938	.000938	0	0
26	PLATE10	PY	.000938	.000938	0	0
27	PLATE9	PY	.000938	.000938	0	0
28	PLATE8	PY	.000938	.000938	0	0
29	PLATE7	PY	.000938	.000938	0	0
30	PLATE6	PY	.000938	.000938	0	0
31	PLATE5	PY	.000938	.000938	0	0
32	PLATE4	PY	.000938	.000938	0	0
33	PLATE3	PY	.000938	.000938	0	0
34	PLATE2	PY	.000938	.000938	0	0
35	PLATE1	PY	.000938	.000938	0	0
36	MP GAMMA4	PY	.000446	.000446	0	0
37	MP GAMMA3	PY	.000446	.000446	0	0
38	MP GAMMA2	PY	.000446	.000446	0	0
39	MP GAMMA1	PY	.000446	.000446	0	0
40	MP BETA4	PY	.000446	.000446	0	0

Member Distributed Loads (BLC 20 : Maintanence (150)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
41	MP BETA3	PY	.000446	.000446	0	0
42	MP BETA2	PY	.000446	.000446	0	0
43	MP BETA1	PY	.000446	.000446	0	0
44	MP ALPHA4	PY	.000446	.000446	0	0
45	MP ALPHA3	PY	.000446	.000446	0	0
46	MP ALPHA2	PY	.000446	.000446	0	0
47	MP ALPHA1	PY	.000446	.000446	0	0
48	FACE1	PY	.000425	.000425	0	0
49	FACE3	PY	.000425	.000425	0	0
50	FACE2	PY	.000213	.000213	0	0
51	CR3B	PY	.000391	.000391	0	0
52	CR3A	PY	.000391	.000391	0	0
53	CR2B	PY	.000391	.000391	0	0
54	CR2A	PY	.000391	.000391	0	0
55	CR1B	PY	.000391	.000391	0	0
56	CR1A	PY	.000391	.000391	0	0
57	ANGLE2	PY	.000391	.000391	0	0
58	TOPANGLE3	PX	-.000226	-.000226	0	0
59	TOPANGLE2	PX	-.000226	-.000226	0	0
60	SUP3B	PX	-.000181	-.000181	0	0
61	SUP3A	PX	-.000181	-.000181	0	0
62	SUP2B	PX	-.000181	-.000181	0	0
63	SUP2A	PX	-.000181	-.000181	0	0
64	SUP1B	PX	-.000181	-.000181	0	0
65	SUP1A	PX	-.000181	-.000181	0	0
66	SO3	PX	-.000226	-.000226	0	0
67	SO2	PX	-.000226	-.000226	0	0
68	SO1	PX	-.000226	-.000226	0	0
69	RAIL1	PX	-.000202	-.000202	0	0
70	RAIL3	PX	-.000202	-.000202	0	0
71	RAIL2	PX	-.000101	-.000101	0	0
72	PLATECORNER3C	PX	-.000542	-.000542	0	0
73	PLATECORNER3B	PX	-.000542	-.000542	0	0
74	PLATECORNER3A	PX	-.000542	-.000542	0	0
75	PLATECORNER2C	PX	-.000542	-.000542	0	0
76	PLATECORNER2B	PX	-.000542	-.000542	0	0
77	PLATECORNER2A	PX	-.000542	-.000542	0	0
78	PLATECORNER1C	PX	-.000542	-.000542	0	0
79	PLATECORNER1B	PX	-.000542	-.000542	0	0
80	PLATECORNER1A	PX	-.000542	-.000542	0	0
81	PLATE12	PX	-.000542	-.000542	0	0
82	PLATE11	PX	-.000542	-.000542	0	0
83	PLATE10	PX	-.000542	-.000542	0	0
84	PLATE9	PX	-.000542	-.000542	0	0
85	PLATE8	PX	-.000542	-.000542	0	0
86	PLATE7	PX	-.000542	-.000542	0	0
87	PLATE6	PX	-.000542	-.000542	0	0
88	PLATE5	PX	-.000542	-.000542	0	0
89	PLATE4	PX	-.000542	-.000542	0	0
90	PLATE3	PX	-.000542	-.000542	0	0
91	PLATE2	PX	-.000542	-.000542	0	0
92	PLATE1	PX	-.000542	-.000542	0	0
93	MP GAMMA4	PX	-.000257	-.000257	0	0
94	MP GAMMA3	PX	-.000257	-.000257	0	0
95	MP GAMMA2	PX	-.000257	-.000257	0	0
96	MP GAMMA1	PX	-.000257	-.000257	0	0
97	MP BETA4	PX	-.000257	-.000257	0	0

Member Distributed Loads (BLC 20 : Maintanence (150)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
98	MP BETA3	PX	-.000257	-.000257	0	0
99	MP BETA2	PX	-.000257	-.000257	0	0
100	MP BETA1	PX	-.000257	-.000257	0	0
101	MP ALPHA4	PX	-.000257	-.000257	0	0
102	MP ALPHA3	PX	-.000257	-.000257	0	0
103	MP ALPHA2	PX	-.000257	-.000257	0	0
104	MP ALPHA1	PX	-.000257	-.000257	0	0
105	FACE1	PX	-.000246	-.000246	0	0
106	FACE3	PX	-.000246	-.000246	0	0
107	FACE2	PX	-.000123	-.000123	0	0
108	CR3B	PX	-.000226	-.000226	0	0
109	CR3A	PX	-.000226	-.000226	0	0
110	CR2B	PX	-.000226	-.000226	0	0
111	CR2A	PX	-.000226	-.000226	0	0
112	CR1B	PX	-.000226	-.000226	0	0
113	CR1A	PX	-.000226	-.000226	0	0
114	ANGLE2	PX	-.000226	-.000226	0	0
115	M115A	PY	.000391	.000391	0	0
116	M115A	PX	-.000226	-.000226	0	0
117	M117	PY	.000391	.000391	0	0
118	M117	PX	-.000226	-.000226	0	0
119	M120	PY	.000391	.000391	0	0
120	M120	PX	-.000226	-.000226	0	0

Member Distributed Loads (BLC 21 : Maintanence (180))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.000451	.000451	0	0
2	TOPANGLE2	PY	.000451	.000451	0	0
3	SUP3B	PY	.000361	.000361	0	0
4	SUP3A	PY	.000361	.000361	0	0
5	SUP2B	PY	.000361	.000361	0	0
6	SUP2A	PY	.000361	.000361	0	0
7	SUP1B	PY	.000361	.000361	0	0
8	SUP1A	PY	.000361	.000361	0	0
9	SO3	PY	.000451	.000451	0	0
10	SO2	PY	.000451	.000451	0	0
11	SO1	PY	.000451	.000451	0	0
12	RAIL1	PY	.000403	.000403	0	0
13	RAIL3	PY	.000403	.000403	0	0
14	RAIL2	PY	.000202	.000202	0	0
15	PLATECORNER3C	PY	.001	.001	0	0
16	PLATECORNER3B	PY	.001	.001	0	0
17	PLATECORNER3A	PY	.001	.001	0	0
18	PLATECORNER2C	PY	.001	.001	0	0
19	PLATECORNER2B	PY	.001	.001	0	0
20	PLATECORNER2A	PY	.001	.001	0	0
21	PLATECORNER1C	PY	.001	.001	0	0
22	PLATECORNER1B	PY	.001	.001	0	0
23	PLATECORNER1A	PY	.001	.001	0	0
24	PLATE12	PY	.001	.001	0	0
25	PLATE11	PY	.001	.001	0	0
26	PLATE10	PY	.001	.001	0	0
27	PLATE9	PY	.001	.001	0	0
28	PLATE8	PY	.001	.001	0	0
29	PLATE7	PY	.001	.001	0	0
30	PLATE6	PY	.001	.001	0	0

Member Distributed Loads (BLC 21 : Maintanence (180)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
31	PLATE5	PY	.001	.001	0	0
32	PLATE4	PY	.001	.001	0	0
33	PLATE3	PY	.001	.001	0	0
34	PLATE2	PY	.001	.001	0	0
35	PLATE1	PY	.001	.001	0	0
36	MP GAMMA4	PY	.000515	.000515	0	0
37	MP GAMMA3	PY	.000515	.000515	0	0
38	MP GAMMA2	PY	.000515	.000515	0	0
39	MP GAMMA1	PY	.000515	.000515	0	0
40	MP BETA4	PY	.000515	.000515	0	0
41	MP BETA3	PY	.000515	.000515	0	0
42	MP BETA2	PY	.000515	.000515	0	0
43	MP BETA1	PY	.000515	.000515	0	0
44	MP ALPHA4	PY	.000515	.000515	0	0
45	MP ALPHA3	PY	.000515	.000515	0	0
46	MP ALPHA2	PY	.000515	.000515	0	0
47	MP ALPHA1	PY	.000515	.000515	0	0
48	FACE1	PY	.000491	.000491	0	0
49	FACE3	PY	.000491	.000491	0	0
50	FACE2	PY	.000246	.000246	0	0
51	CR3B	PY	.000451	.000451	0	0
52	CR3A	PY	.000451	.000451	0	0
53	CR2B	PY	.000451	.000451	0	0
54	CR2A	PY	.000451	.000451	0	0
55	CR1B	PY	.000451	.000451	0	0
56	CR1A	PY	.000451	.000451	0	0
57	ANGLE2	PY	.000451	.000451	0	0
58	M115A	PY	.000451	.000451	0	0
59	M117	PY	.000451	.000451	0	0
60	M120	PY	.000451	.000451	0	0

Member Distributed Loads (BLC 22 : Maintanence (210))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.000391	.000391	0	0
2	TOPANGLE2	PY	.000391	.000391	0	0
3	SUP3B	PY	.000313	.000313	0	0
4	SUP3A	PY	.000313	.000313	0	0
5	SUP2B	PY	.000313	.000313	0	0
6	SUP2A	PY	.000313	.000313	0	0
7	SUP1B	PY	.000313	.000313	0	0
8	SUP1A	PY	.000313	.000313	0	0
9	SO3	PY	.000391	.000391	0	0
10	SO2	PY	.000391	.000391	0	0
11	SO1	PY	.000391	.000391	0	0
12	RAIL1	PY	.000349	.000349	0	0
13	RAIL2	PY	.000349	.000349	0	0
14	RAIL3	PY	.000175	.000175	0	0
15	PLATECORNER3C	PY	.000938	.000938	0	0
16	PLATECORNER3B	PY	.000938	.000938	0	0
17	PLATECORNER3A	PY	.000938	.000938	0	0
18	PLATECORNER2C	PY	.000938	.000938	0	0
19	PLATECORNER2B	PY	.000938	.000938	0	0
20	PLATECORNER2A	PY	.000938	.000938	0	0
21	PLATECORNER1C	PY	.000938	.000938	0	0
22	PLATECORNER1B	PY	.000938	.000938	0	0
23	PLATECORNER1A	PY	.000938	.000938	0	0

Member Distributed Loads (BLC 22 : Maintanence (210)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
24	PLATE12	PY	.000938	.000938	0	0
25	PLATE11	PY	.000938	.000938	0	0
26	PLATE10	PY	.000938	.000938	0	0
27	PLATE9	PY	.000938	.000938	0	0
28	PLATE8	PY	.000938	.000938	0	0
29	PLATE7	PY	.000938	.000938	0	0
30	PLATE6	PY	.000938	.000938	0	0
31	PLATE5	PY	.000938	.000938	0	0
32	PLATE4	PY	.000938	.000938	0	0
33	PLATE3	PY	.000938	.000938	0	0
34	PLATE2	PY	.000938	.000938	0	0
35	PLATE1	PY	.000938	.000938	0	0
36	MP GAMMA4	PY	.000446	.000446	0	0
37	MP GAMMA3	PY	.000446	.000446	0	0
38	MP GAMMA2	PY	.000446	.000446	0	0
39	MP GAMMA1	PY	.000446	.000446	0	0
40	MP BETA4	PY	.000446	.000446	0	0
41	MP BETA3	PY	.000446	.000446	0	0
42	MP BETA2	PY	.000446	.000446	0	0
43	MP BETA1	PY	.000446	.000446	0	0
44	MP ALPHA4	PY	.000446	.000446	0	0
45	MP ALPHA3	PY	.000446	.000446	0	0
46	MP ALPHA2	PY	.000446	.000446	0	0
47	MP ALPHA1	PY	.000446	.000446	0	0
48	FACE1	PY	.000425	.000425	0	0
49	FACE2	PY	.000425	.000425	0	0
50	FACE3	PY	.000213	.000213	0	0
51	CR3B	PY	.000391	.000391	0	0
52	CR3A	PY	.000391	.000391	0	0
53	CR2B	PY	.000391	.000391	0	0
54	CR2A	PY	.000391	.000391	0	0
55	CR1B	PY	.000391	.000391	0	0
56	CR1A	PY	.000391	.000391	0	0
57	ANGLE2	PY	.000391	.000391	0	0
58	TOPANGLE3	PX	.000226	.000226	0	0
59	TOPANGLE2	PX	.000226	.000226	0	0
60	SUP3B	PX	.000181	.000181	0	0
61	SUP3A	PX	.000181	.000181	0	0
62	SUP2B	PX	.000181	.000181	0	0
63	SUP2A	PX	.000181	.000181	0	0
64	SUP1B	PX	.000181	.000181	0	0
65	SUP1A	PX	.000181	.000181	0	0
66	SO3	PX	.000226	.000226	0	0
67	SO2	PX	.000226	.000226	0	0
68	SO1	PX	.000226	.000226	0	0
69	RAIL1	PX	.000202	.000202	0	0
70	RAIL2	PX	.000202	.000202	0	0
71	RAIL3	PX	.000101	.000101	0	0
72	PLATECORNER3C	PX	.000542	.000542	0	0
73	PLATECORNER3B	PX	.000542	.000542	0	0
74	PLATECORNER3A	PX	.000542	.000542	0	0
75	PLATECORNER2C	PX	.000542	.000542	0	0
76	PLATECORNER2B	PX	.000542	.000542	0	0
77	PLATECORNER2A	PX	.000542	.000542	0	0
78	PLATECORNER1C	PX	.000542	.000542	0	0
79	PLATECORNER1B	PX	.000542	.000542	0	0
80	PLATECORNER1A	PX	.000542	.000542	0	0

Member Distributed Loads (BLC 22 : Maintanence (210)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
81	PLATE12	PX	.000542	.000542	0	0
82	PLATE11	PX	.000542	.000542	0	0
83	PLATE10	PX	.000542	.000542	0	0
84	PLATE9	PX	.000542	.000542	0	0
85	PLATE8	PX	.000542	.000542	0	0
86	PLATE7	PX	.000542	.000542	0	0
87	PLATE6	PX	.000542	.000542	0	0
88	PLATE5	PX	.000542	.000542	0	0
89	PLATE4	PX	.000542	.000542	0	0
90	PLATE3	PX	.000542	.000542	0	0
91	PLATE2	PX	.000542	.000542	0	0
92	PLATE1	PX	.000542	.000542	0	0
93	MP GAMMA4	PX	.000257	.000257	0	0
94	MP GAMMA3	PX	.000257	.000257	0	0
95	MP GAMMA2	PX	.000257	.000257	0	0
96	MP GAMMA1	PX	.000257	.000257	0	0
97	MP BETA4	PX	.000257	.000257	0	0
98	MP BETA3	PX	.000257	.000257	0	0
99	MP BETA2	PX	.000257	.000257	0	0
100	MP BETA1	PX	.000257	.000257	0	0
101	MP ALPHA4	PX	.000257	.000257	0	0
102	MP ALPHA3	PX	.000257	.000257	0	0
103	MP ALPHA2	PX	.000257	.000257	0	0
104	MP ALPHA1	PX	.000257	.000257	0	0
105	FACE1	PX	.000246	.000246	0	0
106	FACE2	PX	.000246	.000246	0	0
107	FACE3	PX	.000123	.000123	0	0
108	CR3B	PX	.000226	.000226	0	0
109	CR3A	PX	.000226	.000226	0	0
110	CR2B	PX	.000226	.000226	0	0
111	CR2A	PX	.000226	.000226	0	0
112	CR1B	PX	.000226	.000226	0	0
113	CR1A	PX	.000226	.000226	0	0
114	ANGLE2	PX	.000226	.000226	0	0
115	M115A	PY	.000391	.000391	0	0
116	M115A	PX	.000226	.000226	0	0
117	M117	PY	.000391	.000391	0	0
118	M117	PX	.000226	.000226	0	0
119	M120	PY	.000391	.000391	0	0
120	M120	PX	.000226	.000226	0	0

Member Distributed Loads (BLC 23 : Maintanence (240))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.000226	.000226	0	0
2	TOPANGLE2	PY	.000226	.000226	0	0
3	SUP3B	PY	.000181	.000181	0	0
4	SUP3A	PY	.000181	.000181	0	0
5	SUP2B	PY	.000181	.000181	0	0
6	SUP2A	PY	.000181	.000181	0	0
7	SUP1B	PY	.000181	.000181	0	0
8	SUP1A	PY	.000181	.000181	0	0
9	SO3	PY	.000226	.000226	0	0
10	SO2	PY	.000226	.000226	0	0
11	SO1	PY	.000226	.000226	0	0
12	RAIL1	PY	.000202	.000202	0	0
13	RAIL2	PY	.000202	.000202	0	0

Member Distributed Loads (BLC 23 : Maintanence (240)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
14	RAIL3	PY	.000101	.000101	0	0
15	PLATECORNER3C	PY	.000542	.000542	0	0
16	PLATECORNER3B	PY	.000542	.000542	0	0
17	PLATECORNER3A	PY	.000542	.000542	0	0
18	PLATECORNER2C	PY	.000542	.000542	0	0
19	PLATECORNER2B	PY	.000542	.000542	0	0
20	PLATECORNER2A	PY	.000542	.000542	0	0
21	PLATECORNER1C	PY	.000542	.000542	0	0
22	PLATECORNER1B	PY	.000542	.000542	0	0
23	PLATECORNER1A	PY	.000542	.000542	0	0
24	PLATE12	PY	.000542	.000542	0	0
25	PLATE11	PY	.000542	.000542	0	0
26	PLATE10	PY	.000542	.000542	0	0
27	PLATE9	PY	.000542	.000542	0	0
28	PLATE8	PY	.000542	.000542	0	0
29	PLATE7	PY	.000542	.000542	0	0
30	PLATE6	PY	.000542	.000542	0	0
31	PLATE5	PY	.000542	.000542	0	0
32	PLATE4	PY	.000542	.000542	0	0
33	PLATE3	PY	.000542	.000542	0	0
34	PLATE2	PY	.000542	.000542	0	0
35	PLATE1	PY	.000542	.000542	0	0
36	MP GAMMA4	PY	.000257	.000257	0	0
37	MP GAMMA3	PY	.000257	.000257	0	0
38	MP GAMMA2	PY	.000257	.000257	0	0
39	MP GAMMA1	PY	.000257	.000257	0	0
40	MP BETA4	PY	.000257	.000257	0	0
41	MP BETA3	PY	.000257	.000257	0	0
42	MP BETA2	PY	.000257	.000257	0	0
43	MP BETA1	PY	.000257	.000257	0	0
44	MP ALPHA4	PY	.000257	.000257	0	0
45	MP ALPHA3	PY	.000257	.000257	0	0
46	MP ALPHA2	PY	.000257	.000257	0	0
47	MP ALPHA1	PY	.000257	.000257	0	0
48	FACE1	PY	.000246	.000246	0	0
49	FACE2	PY	.000246	.000246	0	0
50	FACE3	PY	.000123	.000123	0	0
51	CR3B	PY	.000226	.000226	0	0
52	CR3A	PY	.000226	.000226	0	0
53	CR2B	PY	.000226	.000226	0	0
54	CR2A	PY	.000226	.000226	0	0
55	CR1B	PY	.000226	.000226	0	0
56	CR1A	PY	.000226	.000226	0	0
57	ANGLE2	PY	.000226	.000226	0	0
58	TOPANGLE3	PX	.000391	.000391	0	0
59	TOPANGLE2	PX	.000391	.000391	0	0
60	SUP3B	PX	.000313	.000313	0	0
61	SUP3A	PX	.000313	.000313	0	0
62	SUP2B	PX	.000313	.000313	0	0
63	SUP2A	PX	.000313	.000313	0	0
64	SUP1B	PX	.000313	.000313	0	0
65	SUP1A	PX	.000313	.000313	0	0
66	SO3	PX	.000391	.000391	0	0
67	SO2	PX	.000391	.000391	0	0
68	SO1	PX	.000391	.000391	0	0
69	RAIL1	PX	.000349	.000349	0	0
70	RAIL2	PX	.000349	.000349	0	0

Member Distributed Loads (BLC 23 : Maintanence (240)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
71	RAIL3	PX	.000175	.000175	0	0
72	PLATECORNER3C	PX	.000938	.000938	0	0
73	PLATECORNER3B	PX	.000938	.000938	0	0
74	PLATECORNER3A	PX	.000938	.000938	0	0
75	PLATECORNER2C	PX	.000938	.000938	0	0
76	PLATECORNER2B	PX	.000938	.000938	0	0
77	PLATECORNER2A	PX	.000938	.000938	0	0
78	PLATECORNER1C	PX	.000938	.000938	0	0
79	PLATECORNER1B	PX	.000938	.000938	0	0
80	PLATECORNER1A	PX	.000938	.000938	0	0
81	PLATE12	PX	.000938	.000938	0	0
82	PLATE11	PX	.000938	.000938	0	0
83	PLATE10	PX	.000938	.000938	0	0
84	PLATE9	PX	.000938	.000938	0	0
85	PLATE8	PX	.000938	.000938	0	0
86	PLATE7	PX	.000938	.000938	0	0
87	PLATE6	PX	.000938	.000938	0	0
88	PLATE5	PX	.000938	.000938	0	0
89	PLATE4	PX	.000938	.000938	0	0
90	PLATE3	PX	.000938	.000938	0	0
91	PLATE2	PX	.000938	.000938	0	0
92	PLATE1	PX	.000938	.000938	0	0
93	MP GAMMA4	PX	.000446	.000446	0	0
94	MP GAMMA3	PX	.000446	.000446	0	0
95	MP GAMMA2	PX	.000446	.000446	0	0
96	MP GAMMA1	PX	.000446	.000446	0	0
97	MP BETA4	PX	.000446	.000446	0	0
98	MP BETA3	PX	.000446	.000446	0	0
99	MP BETA2	PX	.000446	.000446	0	0
100	MP BETA1	PX	.000446	.000446	0	0
101	MP ALPHA4	PX	.000446	.000446	0	0
102	MP ALPHA3	PX	.000446	.000446	0	0
103	MP ALPHA2	PX	.000446	.000446	0	0
104	MP ALPHA1	PX	.000446	.000446	0	0
105	FACE1	PX	.000425	.000425	0	0
106	FACE2	PX	.000425	.000425	0	0
107	FACE3	PX	.000213	.000213	0	0
108	CR3B	PX	.000391	.000391	0	0
109	CR3A	PX	.000391	.000391	0	0
110	CR2B	PX	.000391	.000391	0	0
111	CR2A	PX	.000391	.000391	0	0
112	CR1B	PX	.000391	.000391	0	0
113	CR1A	PX	.000391	.000391	0	0
114	ANGLE2	PX	.000391	.000391	0	0
115	M115A	PY	.000226	.000226	0	0
116	M115A	PX	.000391	.000391	0	0
117	M117	PY	.000226	.000226	0	0
118	M117	PX	.000391	.000391	0	0
119	M120	PY	.000226	.000226	0	0
120	M120	PX	.000391	.000391	0	0

Member Distributed Loads (BLC 24 : Maintanence (270))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PX	.000451	.000451	0	0
2	TOPANGLE2	PX	.000451	.000451	0	0
3	SUP3B	PX	.000361	.000361	0	0

Member Distributed Loads (BLC 24 : Maintanence (270)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
4	SUP3A	PX	.000361	.000361	0	0
5	SUP2B	PX	.000361	.000361	0	0
6	SUP2A	PX	.000361	.000361	0	0
7	SUP1B	PX	.000361	.000361	0	0
8	SUP1A	PX	.000361	.000361	0	0
9	SO3	PX	.000451	.000451	0	0
10	SO2	PX	.000451	.000451	0	0
11	SO1	PX	.000451	.000451	0	0
12	RAIL1	PX	.000403	.000403	0	0
13	RAIL2	PX	.000403	.000403	0	0
14	RAIL3	PX	.000202	.000202	0	0
15	PLATECORNER3C	PX	.001	.001	0	0
16	PLATECORNER3B	PX	.001	.001	0	0
17	PLATECORNER3A	PX	.001	.001	0	0
18	PLATECORNER2C	PX	.001	.001	0	0
19	PLATECORNER2B	PX	.001	.001	0	0
20	PLATECORNER2A	PX	.001	.001	0	0
21	PLATECORNER1C	PX	.001	.001	0	0
22	PLATECORNER1B	PX	.001	.001	0	0
23	PLATECORNER1A	PX	.001	.001	0	0
24	PLATE12	PX	.001	.001	0	0
25	PLATE11	PX	.001	.001	0	0
26	PLATE10	PX	.001	.001	0	0
27	PLATE9	PX	.001	.001	0	0
28	PLATE8	PX	.001	.001	0	0
29	PLATE7	PX	.001	.001	0	0
30	PLATE6	PX	.001	.001	0	0
31	PLATE5	PX	.001	.001	0	0
32	PLATE4	PX	.001	.001	0	0
33	PLATE3	PX	.001	.001	0	0
34	PLATE2	PX	.001	.001	0	0
35	PLATE1	PX	.001	.001	0	0
36	MP GAMMA4	PX	.000515	.000515	0	0
37	MP GAMMA3	PX	.000515	.000515	0	0
38	MP GAMMA2	PX	.000515	.000515	0	0
39	MP GAMMA1	PX	.000515	.000515	0	0
40	MP BETA4	PX	.000515	.000515	0	0
41	MP BETA3	PX	.000515	.000515	0	0
42	MP BETA2	PX	.000515	.000515	0	0
43	MP BETA1	PX	.000515	.000515	0	0
44	MP ALPHA4	PX	.000515	.000515	0	0
45	MP ALPHA3	PX	.000515	.000515	0	0
46	MP ALPHA2	PX	.000515	.000515	0	0
47	MP ALPHA1	PX	.000515	.000515	0	0
48	FACE1	PX	.000491	.000491	0	0
49	FACE2	PX	.000491	.000491	0	0
50	FACE3	PX	.000246	.000246	0	0
51	CR3B	PX	.000451	.000451	0	0
52	CR3A	PX	.000451	.000451	0	0
53	CR2B	PX	.000451	.000451	0	0
54	CR2A	PX	.000451	.000451	0	0
55	CR1B	PX	.000451	.000451	0	0
56	CR1A	PX	.000451	.000451	0	0
57	ANGLE2	PX	.000451	.000451	0	0
58	M115A	PX	.000451	.000451	0	0
59	M117	PX	.000451	.000451	0	0
60	M120	PX	.000451	.000451	0	0

Member Distributed Loads (BLC 25 : Maintanence (300))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.000226	-.000226	0	0
2	TOPANGLE2	PY	-.000226	-.000226	0	0
3	SUP3B	PY	-.000181	-.000181	0	0
4	SUP3A	PY	-.000181	-.000181	0	0
5	SUP2B	PY	-.000181	-.000181	0	0
6	SUP2A	PY	-.000181	-.000181	0	0
7	SUP1B	PY	-.000181	-.000181	0	0
8	SUP1A	PY	-.000181	-.000181	0	0
9	SO3	PY	-.000226	-.000226	0	0
10	SO2	PY	-.000226	-.000226	0	0
11	SO1	PY	-.000226	-.000226	0	0
12	RAIL1	PY	-.000202	-.000202	0	0
13	RAIL2	PY	-.000202	-.000202	0	0
14	RAIL3	PY	-.000101	-.000101	0	0
15	PLATECORNER3C	PY	-.000542	-.000542	0	0
16	PLATECORNER3B	PY	-.000542	-.000542	0	0
17	PLATECORNER3A	PY	-.000542	-.000542	0	0
18	PLATECORNER2C	PY	-.000542	-.000542	0	0
19	PLATECORNER2B	PY	-.000542	-.000542	0	0
20	PLATECORNER2A	PY	-.000542	-.000542	0	0
21	PLATECORNER1C	PY	-.000542	-.000542	0	0
22	PLATECORNER1B	PY	-.000542	-.000542	0	0
23	PLATECORNER1A	PY	-.000542	-.000542	0	0
24	PLATE12	PY	-.000542	-.000542	0	0
25	PLATE11	PY	-.000542	-.000542	0	0
26	PLATE10	PY	-.000542	-.000542	0	0
27	PLATE9	PY	-.000542	-.000542	0	0
28	PLATE8	PY	-.000542	-.000542	0	0
29	PLATE7	PY	-.000542	-.000542	0	0
30	PLATE6	PY	-.000542	-.000542	0	0
31	PLATE5	PY	-.000542	-.000542	0	0
32	PLATE4	PY	-.000542	-.000542	0	0
33	PLATE3	PY	-.000542	-.000542	0	0
34	PLATE2	PY	-.000542	-.000542	0	0
35	PLATE1	PY	-.000542	-.000542	0	0
36	MP GAMMA4	PY	-.000257	-.000257	0	0
37	MP GAMMA3	PY	-.000257	-.000257	0	0
38	MP GAMMA2	PY	-.000257	-.000257	0	0
39	MP GAMMA1	PY	-.000257	-.000257	0	0
40	MP BETA4	PY	-.000257	-.000257	0	0
41	MP BETA3	PY	-.000257	-.000257	0	0
42	MP BETA2	PY	-.000257	-.000257	0	0
43	MP BETA1	PY	-.000257	-.000257	0	0
44	MP ALPHA4	PY	-.000257	-.000257	0	0
45	MP ALPHA3	PY	-.000257	-.000257	0	0
46	MP ALPHA2	PY	-.000257	-.000257	0	0
47	MP ALPHA1	PY	-.000257	-.000257	0	0
48	FACE1	PY	-.000246	-.000246	0	0
49	FACE2	PY	-.000246	-.000246	0	0
50	FACE3	PY	-.000123	-.000123	0	0
51	CR3B	PY	-.000226	-.000226	0	0
52	CR3A	PY	-.000226	-.000226	0	0
53	CR2B	PY	-.000226	-.000226	0	0
54	CR2A	PY	-.000226	-.000226	0	0
55	CR1B	PY	-.000226	-.000226	0	0
56	CR1A	PY	-.000226	-.000226	0	0
57	ANGLE2	PY	-.000226	-.000226	0	0

Member Distributed Loads (BLC 25 : Maintanence (300)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
58	TOPANGLE3	PX	.000391	.000391	0	0
59	TOPANGLE2	PX	.000391	.000391	0	0
60	SUP3B	PX	.000313	.000313	0	0
61	SUP3A	PX	.000313	.000313	0	0
62	SUP2B	PX	.000313	.000313	0	0
63	SUP2A	PX	.000313	.000313	0	0
64	SUP1B	PX	.000313	.000313	0	0
65	SUP1A	PX	.000313	.000313	0	0
66	SO3	PX	.000391	.000391	0	0
67	SO2	PX	.000391	.000391	0	0
68	SO1	PX	.000391	.000391	0	0
69	RAIL1	PX	.000349	.000349	0	0
70	RAIL2	PX	.000349	.000349	0	0
71	RAIL3	PX	.000175	.000175	0	0
72	PLATECORNER3C	PX	.000938	.000938	0	0
73	PLATECORNER3B	PX	.000938	.000938	0	0
74	PLATECORNER3A	PX	.000938	.000938	0	0
75	PLATECORNER2C	PX	.000938	.000938	0	0
76	PLATECORNER2B	PX	.000938	.000938	0	0
77	PLATECORNER2A	PX	.000938	.000938	0	0
78	PLATECORNER1C	PX	.000938	.000938	0	0
79	PLATECORNER1B	PX	.000938	.000938	0	0
80	PLATECORNER1A	PX	.000938	.000938	0	0
81	PLATE12	PX	.000938	.000938	0	0
82	PLATE11	PX	.000938	.000938	0	0
83	PLATE10	PX	.000938	.000938	0	0
84	PLATE9	PX	.000938	.000938	0	0
85	PLATE8	PX	.000938	.000938	0	0
86	PLATE7	PX	.000938	.000938	0	0
87	PLATE6	PX	.000938	.000938	0	0
88	PLATE5	PX	.000938	.000938	0	0
89	PLATE4	PX	.000938	.000938	0	0
90	PLATE3	PX	.000938	.000938	0	0
91	PLATE2	PX	.000938	.000938	0	0
92	PLATE1	PX	.000938	.000938	0	0
93	MP GAMMA4	PX	.000446	.000446	0	0
94	MP GAMMA3	PX	.000446	.000446	0	0
95	MP GAMMA2	PX	.000446	.000446	0	0
96	MP GAMMA1	PX	.000446	.000446	0	0
97	MP BETA4	PX	.000446	.000446	0	0
98	MP BETA3	PX	.000446	.000446	0	0
99	MP BETA2	PX	.000446	.000446	0	0
100	MP BETA1	PX	.000446	.000446	0	0
101	MP ALPHA4	PX	.000446	.000446	0	0
102	MP ALPHA3	PX	.000446	.000446	0	0
103	MP ALPHA2	PX	.000446	.000446	0	0
104	MP ALPHA1	PX	.000446	.000446	0	0
105	FACE1	PX	.000425	.000425	0	0
106	FACE2	PX	.000425	.000425	0	0
107	FACE3	PX	.000213	.000213	0	0
108	CR3B	PX	.000391	.000391	0	0
109	CR3A	PX	.000391	.000391	0	0
110	CR2B	PX	.000391	.000391	0	0
111	CR2A	PX	.000391	.000391	0	0
112	CR1B	PX	.000391	.000391	0	0
113	CR1A	PX	.000391	.000391	0	0
114	ANGLE2	PX	.000391	.000391	0	0

Member Distributed Loads (BLC 25 : Maintanence (300)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
115	M115A	PY	-.000226	-.000226	0	0
116	M115A	PX	.000391	.000391	0	0
117	M117	PY	-.000226	-.000226	0	0
118	M117	PX	.000391	.000391	0	0
119	M120	PY	-.000226	-.000226	0	0
120	M120	PX	.000391	.000391	0	0

Member Distributed Loads (BLC 26 : Maintanence (330))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.000391	-.000391	0	0
2	TOPANGLE2	PY	-.000391	-.000391	0	0
3	SUP3B	PY	-.000313	-.000313	0	0
4	SUP3A	PY	-.000313	-.000313	0	0
5	SUP2B	PY	-.000313	-.000313	0	0
6	SUP2A	PY	-.000313	-.000313	0	0
7	SUP1B	PY	-.000313	-.000313	0	0
8	SUP1A	PY	-.000313	-.000313	0	0
9	SO3	PY	-.000391	-.000391	0	0
10	SO2	PY	-.000391	-.000391	0	0
11	SO1	PY	-.000391	-.000391	0	0
12	RAIL3	PY	-.000349	-.000349	0	0
13	RAIL2	PY	-.000349	-.000349	0	0
14	RAIL1	PY	-.000175	-.000175	0	0
15	PLATECORNER3C	PY	-.000938	-.000938	0	0
16	PLATECORNER3B	PY	-.000938	-.000938	0	0
17	PLATECORNER3A	PY	-.000938	-.000938	0	0
18	PLATECORNER2C	PY	-.000938	-.000938	0	0
19	PLATECORNER2B	PY	-.000938	-.000938	0	0
20	PLATECORNER2A	PY	-.000938	-.000938	0	0
21	PLATECORNER1C	PY	-.000938	-.000938	0	0
22	PLATECORNER1B	PY	-.000938	-.000938	0	0
23	PLATECORNER1A	PY	-.000938	-.000938	0	0
24	PLATE12	PY	-.000938	-.000938	0	0
25	PLATE11	PY	-.000938	-.000938	0	0
26	PLATE10	PY	-.000938	-.000938	0	0
27	PLATE9	PY	-.000938	-.000938	0	0
28	PLATE8	PY	-.000938	-.000938	0	0
29	PLATE7	PY	-.000938	-.000938	0	0
30	PLATE6	PY	-.000938	-.000938	0	0
31	PLATE5	PY	-.000938	-.000938	0	0
32	PLATE4	PY	-.000938	-.000938	0	0
33	PLATE3	PY	-.000938	-.000938	0	0
34	PLATE2	PY	-.000938	-.000938	0	0
35	PLATE1	PY	-.000938	-.000938	0	0
36	MP GAMMA4	PY	-.000446	-.000446	0	0
37	MP GAMMA3	PY	-.000446	-.000446	0	0
38	MP GAMMA2	PY	-.000446	-.000446	0	0
39	MP GAMMA1	PY	-.000446	-.000446	0	0
40	MP BETA4	PY	-.000446	-.000446	0	0
41	MP BETA3	PY	-.000446	-.000446	0	0
42	MP BETA2	PY	-.000446	-.000446	0	0
43	MP BETA1	PY	-.000446	-.000446	0	0
44	MP ALPHA4	PY	-.000446	-.000446	0	0
45	MP ALPHA3	PY	-.000446	-.000446	0	0
46	MP ALPHA2	PY	-.000446	-.000446	0	0
47	MP ALPHA1	PY	-.000446	-.000446	0	0

Member Distributed Loads (BLC 26 : Maintanence (330)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
48	FACE3	PY	-.000425	-.000425	0	0
49	FACE2	PY	-.000425	-.000425	0	0
50	FACE1	PY	-.000213	-.000213	0	0
51	CR3B	PY	-.000391	-.000391	0	0
52	CR3A	PY	-.000391	-.000391	0	0
53	CR2B	PY	-.000391	-.000391	0	0
54	CR2A	PY	-.000391	-.000391	0	0
55	CR1B	PY	-.000391	-.000391	0	0
56	CR1A	PY	-.000391	-.000391	0	0
57	ANGLE2	PY	-.000391	-.000391	0	0
58	TOPANGLE3	PX	.000226	.000226	0	0
59	TOPANGLE2	PX	.000226	.000226	0	0
60	SUP3B	PX	.000181	.000181	0	0
61	SUP3A	PX	.000181	.000181	0	0
62	SUP2B	PX	.000181	.000181	0	0
63	SUP2A	PX	.000181	.000181	0	0
64	SUP1B	PX	.000181	.000181	0	0
65	SUP1A	PX	.000181	.000181	0	0
66	SO3	PX	.000226	.000226	0	0
67	SO2	PX	.000226	.000226	0	0
68	SO1	PX	.000226	.000226	0	0
69	RAIL3	PX	.000202	.000202	0	0
70	RAIL2	PX	.000202	.000202	0	0
71	RAIL1	PX	.000101	.000101	0	0
72	PLATECORNER3C	PX	.000542	.000542	0	0
73	PLATECORNER3B	PX	.000542	.000542	0	0
74	PLATECORNER3A	PX	.000542	.000542	0	0
75	PLATECORNER2C	PX	.000542	.000542	0	0
76	PLATECORNER2B	PX	.000542	.000542	0	0
77	PLATECORNER2A	PX	.000542	.000542	0	0
78	PLATECORNER1C	PX	.000542	.000542	0	0
79	PLATECORNER1B	PX	.000542	.000542	0	0
80	PLATECORNER1A	PX	.000542	.000542	0	0
81	PLATE12	PX	.000542	.000542	0	0
82	PLATE11	PX	.000542	.000542	0	0
83	PLATE10	PX	.000542	.000542	0	0
84	PLATE9	PX	.000542	.000542	0	0
85	PLATE8	PX	.000542	.000542	0	0
86	PLATE7	PX	.000542	.000542	0	0
87	PLATE6	PX	.000542	.000542	0	0
88	PLATE5	PX	.000542	.000542	0	0
89	PLATE4	PX	.000542	.000542	0	0
90	PLATE3	PX	.000542	.000542	0	0
91	PLATE2	PX	.000542	.000542	0	0
92	PLATE1	PX	.000542	.000542	0	0
93	MP GAMMA4	PX	.000257	.000257	0	0
94	MP GAMMA3	PX	.000257	.000257	0	0
95	MP GAMMA2	PX	.000257	.000257	0	0
96	MP GAMMA1	PX	.000257	.000257	0	0
97	MP BETA4	PX	.000257	.000257	0	0
98	MP BETA3	PX	.000257	.000257	0	0
99	MP BETA2	PX	.000257	.000257	0	0
100	MP BETA1	PX	.000257	.000257	0	0
101	MP ALPHA4	PX	.000257	.000257	0	0
102	MP ALPHA3	PX	.000257	.000257	0	0
103	MP ALPHA2	PX	.000257	.000257	0	0
104	MP ALPHA1	PX	.000257	.000257	0	0

Member Distributed Loads (BLC 26 : Maintanence (330)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
105	FACE3	PX	.000246	.000246	0	0
106	FACE2	PX	.000246	.000246	0	0
107	FACE1	PX	.000123	.000123	0	0
108	CR3B	PX	.000226	.000226	0	0
109	CR3A	PX	.000226	.000226	0	0
110	CR2B	PX	.000226	.000226	0	0
111	CR2A	PX	.000226	.000226	0	0
112	CR1B	PX	.000226	.000226	0	0
113	CR1A	PX	.000226	.000226	0	0
114	ANGLE2	PX	.000226	.000226	0	0
115	M115A	PY	-.000391	-.000391	0	0
116	M115A	PX	.000226	.000226	0	0
117	M117	PY	-.000391	-.000391	0	0
118	M117	PX	.000226	.000226	0	0
119	M120	PY	-.000391	-.000391	0	0
120	M120	PX	.000226	.000226	0	0

Member Distributed Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	Z	-.007	-.007	0	0
2	TOPANGLE2	Z	-.007	-.007	0	0
3	SUP3B	Z	-.006	-.006	0	0
4	SUP3A	Z	-.006	-.006	0	0
5	SUP2B	Z	-.006	-.006	0	0
6	SUP2A	Z	-.006	-.006	0	0
7	SUP1B	Z	-.006	-.006	0	0
8	SUP1A	Z	-.006	-.006	0	0
9	SO3	Z	-.009	-.009	0	0
10	SO2	Z	-.009	-.009	0	0
11	SO1	Z	-.009	-.009	0	0
12	RAIL3	Z	-.006	-.006	0	0
13	RAIL2	Z	-.006	-.006	0	0
14	RAIL1	Z	-.006	-.006	0	0
15	PLATECORNER3C	Z	-.008	-.008	0	0
16	PLATECORNER3B	Z	-.008	-.008	0	0
17	PLATECORNER3A	Z	-.008	-.008	0	0
18	PLATECORNER2C	Z	-.008	-.008	0	0
19	PLATECORNER2B	Z	-.008	-.008	0	0
20	PLATECORNER2A	Z	-.008	-.008	0	0
21	PLATECORNER1C	Z	-.008	-.008	0	0
22	PLATECORNER1B	Z	-.008	-.008	0	0
23	PLATECORNER1A	Z	-.008	-.008	0	0
24	PLATE12	Z	-.008	-.008	0	0
25	PLATE11	Z	-.008	-.008	0	0
26	PLATE10	Z	-.008	-.008	0	0
27	PLATE9	Z	-.008	-.008	0	0
28	PLATE8	Z	-.008	-.008	0	0
29	PLATE7	Z	-.008	-.008	0	0
30	PLATE6	Z	-.008	-.008	0	0
31	PLATE5	Z	-.008	-.008	0	0
32	PLATE4	Z	-.008	-.008	0	0
33	PLATE3	Z	-.008	-.008	0	0
34	PLATE2	Z	-.008	-.008	0	0
35	PLATE1	Z	-.008	-.008	0	0
36	MP GAMMA4	Z	-.005	-.005	0	0
37	MP GAMMA3	Z	-.005	-.005	0	0

Member Distributed Loads (BLC 27 : Ice Dead Load) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
38	MP GAMMA2	Z	-.005	-.005	0	0
39	MP GAMMA1	Z	-.005	-.005	0	0
40	MP BETA4	Z	-.005	-.005	0	0
41	MP BETA3	Z	-.005	-.005	0	0
42	MP BETA2	Z	-.005	-.005	0	0
43	MP BETA1	Z	-.005	-.005	0	0
44	MP ALPHA4	Z	-.005	-.005	0	0
45	MP ALPHA3	Z	-.005	-.005	0	0
46	MP ALPHA2	Z	-.005	-.005	0	0
47	MP ALPHA1	Z	-.005	-.005	0	0
48	FACE3	Z	-.007	-.007	0	0
49	FACE2	Z	-.007	-.007	0	0
50	FACE1	Z	-.007	-.007	0	0
51	CR3B	Z	-.007	-.007	0	0
52	CR3A	Z	-.007	-.007	0	0
53	CR2B	Z	-.007	-.007	0	0
54	CR2A	Z	-.007	-.007	0	0
55	CR1B	Z	-.007	-.007	0	0
56	CR1A	Z	-.007	-.007	0	0
57	ANGLE2	Z	-.007	-.007	0	0
58	M115A	Z	-.009	-.009	0	0
59	M117	Z	-.009	-.009	0	0
60	M120	Z	-.009	-.009	0	0

Member Distributed Loads (BLC 28 : Ice Wind Load (0))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.002	-.002	0	0
2	TOPANGLE2	PY	-.002	-.002	0	0
3	SUP3B	PY	-.002	-.002	0	0
4	SUP3A	PY	-.002	-.002	0	0
5	SUP2B	PY	-.002	-.002	0	0
6	SUP2A	PY	-.002	-.002	0	0
7	SUP1B	PY	-.002	-.002	0	0
8	SUP1A	PY	-.002	-.002	0	0
9	SO3	PY	-.002	-.002	0	0
10	SO2	PY	-.002	-.002	0	0
11	SO1	PY	-.002	-.002	0	0
12	RAIL3	PY	-.002	-.002	0	0
13	RAIL2	PY	-.002	-.002	0	0
14	RAIL1	PY	-.001	-.001	0	0
15	PLATECORNER3C	PY	-.003	-.003	0	0
16	PLATECORNER3B	PY	-.003	-.003	0	0
17	PLATECORNER3A	PY	-.003	-.003	0	0
18	PLATECORNER2C	PY	-.003	-.003	0	0
19	PLATECORNER2B	PY	-.003	-.003	0	0
20	PLATECORNER2A	PY	-.003	-.003	0	0
21	PLATECORNER1C	PY	-.003	-.003	0	0
22	PLATECORNER1B	PY	-.003	-.003	0	0
23	PLATECORNER1A	PY	-.003	-.003	0	0
24	PLATE12	PY	-.003	-.003	0	0
25	PLATE11	PY	-.003	-.003	0	0
26	PLATE10	PY	-.003	-.003	0	0
27	PLATE9	PY	-.003	-.003	0	0
28	PLATE8	PY	-.003	-.003	0	0
29	PLATE7	PY	-.003	-.003	0	0
30	PLATE6	PY	-.003	-.003	0	0

Member Distributed Loads (BLC 28 : Ice Wind Load (0)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
31	PLATE5	PY	-.003	-.003	0	0
32	PLATE4	PY	-.003	-.003	0	0
33	PLATE3	PY	-.003	-.003	0	0
34	PLATE2	PY	-.003	-.003	0	0
35	PLATE1	PY	-.003	-.003	0	0
36	MP GAMMA4	PY	-.003	-.003	0	0
37	MP GAMMA3	PY	-.003	-.003	0	0
38	MP GAMMA2	PY	-.003	-.003	0	0
39	MP GAMMA1	PY	-.003	-.003	0	0
40	MP BETA4	PY	-.003	-.003	0	0
41	MP BETA3	PY	-.003	-.003	0	0
42	MP BETA2	PY	-.003	-.003	0	0
43	MP BETA1	PY	-.003	-.003	0	0
44	MP ALPHA4	PY	-.003	-.003	0	0
45	MP ALPHA3	PY	-.003	-.003	0	0
46	MP ALPHA2	PY	-.003	-.003	0	0
47	MP ALPHA1	PY	-.003	-.003	0	0
48	FACE3	PY	-.003	-.003	0	0
49	FACE2	PY	-.003	-.003	0	0
50	FACE1	PY	-.001	-.001	0	0
51	CR3B	PY	-.002	-.002	0	0
52	CR3A	PY	-.002	-.002	0	0
53	CR2B	PY	-.002	-.002	0	0
54	CR2A	PY	-.002	-.002	0	0
55	CR1B	PY	-.002	-.002	0	0
56	CR1A	PY	-.002	-.002	0	0
57	ANGLE2	PY	-.002	-.002	0	0
58	M115A	PY	-.002	-.002	0	0
59	M117	PY	-.002	-.002	0	0
60	M120	PY	-.002	-.002	0	0

Member Distributed Loads (BLC 29 : Ice Wind Load (30))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.002	-.002	0	0
2	TOPANGLE2	PY	-.002	-.002	0	0
3	SUP3B	PY	-.001	-.001	0	0
4	SUP3A	PY	-.001	-.001	0	0
5	SUP2B	PY	-.001	-.001	0	0
6	SUP2A	PY	-.001	-.001	0	0
7	SUP1B	PY	-.001	-.001	0	0
8	SUP1A	PY	-.001	-.001	0	0
9	SO3	PY	-.001	-.001	0	0
10	SO2	PY	-.001	-.001	0	0
11	SO1	PY	-.001	-.001	0	0
12	RAIL3	PY	-.002	-.002	0	0
13	RAIL2	PY	-.002	-.002	0	0
14	RAIL1	PY	-.001	-.001	0	0
15	PLATECORNER3C	PY	-.003	-.003	0	0
16	PLATECORNER3B	PY	-.003	-.003	0	0
17	PLATECORNER3A	PY	-.003	-.003	0	0
18	PLATECORNER2C	PY	-.003	-.003	0	0
19	PLATECORNER2B	PY	-.003	-.003	0	0
20	PLATECORNER2A	PY	-.003	-.003	0	0
21	PLATECORNER1C	PY	-.003	-.003	0	0
22	PLATECORNER1B	PY	-.003	-.003	0	0
23	PLATECORNER1A	PY	-.003	-.003	0	0

Member Distributed Loads (BLC 29 : Ice Wind Load (30)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
24	PLATE12	PY	-.003	-.003	0	0
25	PLATE11	PY	-.003	-.003	0	0
26	PLATE10	PY	-.003	-.003	0	0
27	PLATE9	PY	-.003	-.003	0	0
28	PLATE8	PY	-.003	-.003	0	0
29	PLATE7	PY	-.003	-.003	0	0
30	PLATE6	PY	-.003	-.003	0	0
31	PLATE5	PY	-.003	-.003	0	0
32	PLATE4	PY	-.003	-.003	0	0
33	PLATE3	PY	-.003	-.003	0	0
34	PLATE2	PY	-.003	-.003	0	0
35	PLATE1	PY	-.003	-.003	0	0
36	MP GAMMA4	PY	-.002	-.002	0	0
37	MP GAMMA3	PY	-.002	-.002	0	0
38	MP GAMMA2	PY	-.002	-.002	0	0
39	MP GAMMA1	PY	-.002	-.002	0	0
40	MP BETA4	PY	-.002	-.002	0	0
41	MP BETA3	PY	-.002	-.002	0	0
42	MP BETA2	PY	-.002	-.002	0	0
43	MP BETA1	PY	-.002	-.002	0	0
44	MP ALPHA4	PY	-.002	-.002	0	0
45	MP ALPHA3	PY	-.002	-.002	0	0
46	MP ALPHA2	PY	-.002	-.002	0	0
47	MP ALPHA1	PY	-.002	-.002	0	0
48	FACE3	PY	-.002	-.002	0	0
49	FACE2	PY	-.002	-.002	0	0
50	FACE1	PY	-.001	-.001	0	0
51	CR3B	PY	-.002	-.002	0	0
52	CR3A	PY	-.002	-.002	0	0
53	CR2B	PY	-.002	-.002	0	0
54	CR2A	PY	-.002	-.002	0	0
55	CR1B	PY	-.002	-.002	0	0
56	CR1A	PY	-.002	-.002	0	0
57	ANGLE2	PY	-.002	-.002	0	0
58	TOPANGLE3	PX	-.000957	-.000957	0	0
59	TOPANGLE2	PX	-.000957	-.000957	0	0
60	SUP3B	PX	-.000858	-.000858	0	0
61	SUP3A	PX	-.000858	-.000858	0	0
62	SUP2B	PX	-.000858	-.000858	0	0
63	SUP2A	PX	-.000858	-.000858	0	0
64	SUP1B	PX	-.000858	-.000858	0	0
65	SUP1A	PX	-.000858	-.000858	0	0
66	SO3	PX	-.000784	-.000784	0	0
67	SO2	PX	-.000784	-.000784	0	0
68	SO1	PX	-.000784	-.000784	0	0
69	RAIL3	PX	-.001	-.001	0	0
70	RAIL2	PX	-.001	-.001	0	0
71	RAIL1	PX	-.000619	-.000619	0	0
72	PLATECORNER3C	PX	-.002	-.002	0	0
73	PLATECORNER3B	PX	-.002	-.002	0	0
74	PLATECORNER3A	PX	-.002	-.002	0	0
75	PLATECORNER2C	PX	-.002	-.002	0	0
76	PLATECORNER2B	PX	-.002	-.002	0	0
77	PLATECORNER2A	PX	-.002	-.002	0	0
78	PLATECORNER1C	PX	-.002	-.002	0	0
79	PLATECORNER1B	PX	-.002	-.002	0	0
80	PLATECORNER1A	PX	-.002	-.002	0	0

Member Distributed Loads (BLC 29 : Ice Wind Load (30)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
81	PLATE12	PX	-.002	-.002	0	0
82	PLATE11	PX	-.002	-.002	0	0
83	PLATE10	PX	-.002	-.002	0	0
84	PLATE9	PX	-.002	-.002	0	0
85	PLATE8	PX	-.002	-.002	0	0
86	PLATE7	PX	-.002	-.002	0	0
87	PLATE6	PX	-.002	-.002	0	0
88	PLATE5	PX	-.002	-.002	0	0
89	PLATE4	PX	-.002	-.002	0	0
90	PLATE3	PX	-.002	-.002	0	0
91	PLATE2	PX	-.002	-.002	0	0
92	PLATE1	PX	-.002	-.002	0	0
93	MP GAMMA4	PX	-.001	-.001	0	0
94	MP GAMMA3	PX	-.001	-.001	0	0
95	MP GAMMA2	PX	-.001	-.001	0	0
96	MP GAMMA1	PX	-.001	-.001	0	0
97	MP BETA4	PX	-.001	-.001	0	0
98	MP BETA3	PX	-.001	-.001	0	0
99	MP BETA2	PX	-.001	-.001	0	0
100	MP BETA1	PX	-.001	-.001	0	0
101	MP ALPHA4	PX	-.001	-.001	0	0
102	MP ALPHA3	PX	-.001	-.001	0	0
103	MP ALPHA2	PX	-.001	-.001	0	0
104	MP ALPHA1	PX	-.001	-.001	0	0
105	FACE3	PX	-.001	-.001	0	0
106	FACE2	PX	-.001	-.001	0	0
107	FACE1	PX	-.000693	-.000693	0	0
108	CR3B	PX	-.000957	-.000957	0	0
109	CR3A	PX	-.000957	-.000957	0	0
110	CR2B	PX	-.000957	-.000957	0	0
111	CR2A	PX	-.000957	-.000957	0	0
112	CR1B	PX	-.000957	-.000957	0	0
113	CR1A	PX	-.000957	-.000957	0	0
114	ANGLE2	PX	-.000957	-.000957	0	0
115	M115A	PY	-.001	-.001	0	0
116	M115A	PX	-.000784	-.000784	0	0
117	M117	PY	-.001	-.001	0	0
118	M117	PX	-.000784	-.000784	0	0
119	M120	PY	-.001	-.001	0	0
120	M120	PX	-.000784	-.000784	0	0

Member Distributed Loads (BLC 30 : Ice Wind Load (60))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.000957	-.000957	0	0
2	TOPANGLE2	PY	-.000957	-.000957	0	0
3	SUP3B	PY	-.000858	-.000858	0	0
4	SUP3A	PY	-.000858	-.000858	0	0
5	SUP2B	PY	-.000858	-.000858	0	0
6	SUP2A	PY	-.000858	-.000858	0	0
7	SUP1B	PY	-.000858	-.000858	0	0
8	SUP1A	PY	-.000858	-.000858	0	0
9	SO3	PY	-.000784	-.000784	0	0
10	SO2	PY	-.000784	-.000784	0	0
11	SO1	PY	-.000784	-.000784	0	0
12	RAIL3	PY	-.001	-.001	0	0
13	RAIL2	PY	-.001	-.001	0	0

Member Distributed Loads (BLC 30 : Ice Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
14	RAIL1	PY	-.000619	-.000619	0	0
15	PLATECORNER3C	PY	-.002	-.002	0	0
16	PLATECORNER3B	PY	-.002	-.002	0	0
17	PLATECORNER3A	PY	-.002	-.002	0	0
18	PLATECORNER2C	PY	-.002	-.002	0	0
19	PLATECORNER2B	PY	-.002	-.002	0	0
20	PLATECORNER2A	PY	-.002	-.002	0	0
21	PLATECORNER1C	PY	-.002	-.002	0	0
22	PLATECORNER1B	PY	-.002	-.002	0	0
23	PLATECORNER1A	PY	-.002	-.002	0	0
24	PLATE12	PY	-.002	-.002	0	0
25	PLATE11	PY	-.002	-.002	0	0
26	PLATE10	PY	-.002	-.002	0	0
27	PLATE9	PY	-.002	-.002	0	0
28	PLATE8	PY	-.002	-.002	0	0
29	PLATE7	PY	-.002	-.002	0	0
30	PLATE6	PY	-.002	-.002	0	0
31	PLATE5	PY	-.002	-.002	0	0
32	PLATE4	PY	-.002	-.002	0	0
33	PLATE3	PY	-.002	-.002	0	0
34	PLATE2	PY	-.002	-.002	0	0
35	PLATE1	PY	-.002	-.002	0	0
36	MP GAMMA4	PY	-.001	-.001	0	0
37	MP GAMMA3	PY	-.001	-.001	0	0
38	MP GAMMA2	PY	-.001	-.001	0	0
39	MP GAMMA1	PY	-.001	-.001	0	0
40	MP BETA4	PY	-.001	-.001	0	0
41	MP BETA3	PY	-.001	-.001	0	0
42	MP BETA2	PY	-.001	-.001	0	0
43	MP BETA1	PY	-.001	-.001	0	0
44	MP ALPHA4	PY	-.001	-.001	0	0
45	MP ALPHA3	PY	-.001	-.001	0	0
46	MP ALPHA2	PY	-.001	-.001	0	0
47	MP ALPHA1	PY	-.001	-.001	0	0
48	FACE3	PY	-.001	-.001	0	0
49	FACE2	PY	-.001	-.001	0	0
50	FACE1	PY	-.000693	-.000693	0	0
51	CR3B	PY	-.000957	-.000957	0	0
52	CR3A	PY	-.000957	-.000957	0	0
53	CR2B	PY	-.000957	-.000957	0	0
54	CR2A	PY	-.000957	-.000957	0	0
55	CR1B	PY	-.000957	-.000957	0	0
56	CR1A	PY	-.000957	-.000957	0	0
57	ANGLE2	PY	-.000957	-.000957	0	0
58	TOPANGLE3	PX	-.002	-.002	0	0
59	TOPANGLE2	PX	-.002	-.002	0	0
60	SUP3B	PX	-.001	-.001	0	0
61	SUP3A	PX	-.001	-.001	0	0
62	SUP2B	PX	-.001	-.001	0	0
63	SUP2A	PX	-.001	-.001	0	0
64	SUP1B	PX	-.001	-.001	0	0
65	SUP1A	PX	-.001	-.001	0	0
66	SO3	PX	-.001	-.001	0	0
67	SO2	PX	-.001	-.001	0	0
68	SO1	PX	-.001	-.001	0	0
69	RAIL3	PX	-.002	-.002	0	0
70	RAIL2	PX	-.002	-.002	0	0

Member Distributed Loads (BLC 30 : Ice Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
71	RAIL1	PX	-.001	-.001	0	0
72	PLATECORNER3C	PX	-.003	-.003	0	0
73	PLATECORNER3B	PX	-.003	-.003	0	0
74	PLATECORNER3A	PX	-.003	-.003	0	0
75	PLATECORNER2C	PX	-.003	-.003	0	0
76	PLATECORNER2B	PX	-.003	-.003	0	0
77	PLATECORNER2A	PX	-.003	-.003	0	0
78	PLATECORNER1C	PX	-.003	-.003	0	0
79	PLATECORNER1B	PX	-.003	-.003	0	0
80	PLATECORNER1A	PX	-.003	-.003	0	0
81	PLATE12	PX	-.003	-.003	0	0
82	PLATE11	PX	-.003	-.003	0	0
83	PLATE10	PX	-.003	-.003	0	0
84	PLATE9	PX	-.003	-.003	0	0
85	PLATE8	PX	-.003	-.003	0	0
86	PLATE7	PX	-.003	-.003	0	0
87	PLATE6	PX	-.003	-.003	0	0
88	PLATE5	PX	-.003	-.003	0	0
89	PLATE4	PX	-.003	-.003	0	0
90	PLATE3	PX	-.003	-.003	0	0
91	PLATE2	PX	-.003	-.003	0	0
92	PLATE1	PX	-.003	-.003	0	0
93	MP GAMMA4	PX	-.002	-.002	0	0
94	MP GAMMA3	PX	-.002	-.002	0	0
95	MP GAMMA2	PX	-.002	-.002	0	0
96	MP GAMMA1	PX	-.002	-.002	0	0
97	MP BETA4	PX	-.002	-.002	0	0
98	MP BETA3	PX	-.002	-.002	0	0
99	MP BETA2	PX	-.002	-.002	0	0
100	MP BETA1	PX	-.002	-.002	0	0
101	MP ALPHA4	PX	-.002	-.002	0	0
102	MP ALPHA3	PX	-.002	-.002	0	0
103	MP ALPHA2	PX	-.002	-.002	0	0
104	MP ALPHA1	PX	-.002	-.002	0	0
105	FACE3	PX	-.002	-.002	0	0
106	FACE2	PX	-.002	-.002	0	0
107	FACE1	PX	-.001	-.001	0	0
108	CR3B	PX	-.002	-.002	0	0
109	CR3A	PX	-.002	-.002	0	0
110	CR2B	PX	-.002	-.002	0	0
111	CR2A	PX	-.002	-.002	0	0
112	CR1B	PX	-.002	-.002	0	0
113	CR1A	PX	-.002	-.002	0	0
114	ANGLE2	PX	-.002	-.002	0	0
115	M115A	PY	-.000784	-.000784	0	0
116	M115A	PX	-.001	-.001	0	0
117	M117	PY	-.000784	-.000784	0	0
118	M117	PX	-.001	-.001	0	0
119	M120	PY	-.000784	-.000784	0	0
120	M120	PX	-.001	-.001	0	0

Member Distributed Loads (BLC 31 : Ice Wind Load (90))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PX	-.002	-.002	0	0
2	TOPANGLE2	PX	-.002	-.002	0	0
3	SUP3B	PX	-.002	-.002	0	0

Member Distributed Loads (BLC 31 : Ice Wind Load (90)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
4	SUP3A	PX	-.002	-.002	0	0
5	SUP2B	PX	-.002	-.002	0	0
6	SUP2A	PX	-.002	-.002	0	0
7	SUP1B	PX	-.002	-.002	0	0
8	SUP1A	PX	-.002	-.002	0	0
9	SO3	PX	-.002	-.002	0	0
10	SO2	PX	-.002	-.002	0	0
11	SO1	PX	-.002	-.002	0	0
12	RAIL1	PX	-.002	-.002	0	0
13	RAIL3	PX	-.002	-.002	0	0
14	RAIL2	PX	-.001	-.001	0	0
15	PLATECORNER3C	PX	-.003	-.003	0	0
16	PLATECORNER3B	PX	-.003	-.003	0	0
17	PLATECORNER3A	PX	-.003	-.003	0	0
18	PLATECORNER2C	PX	-.003	-.003	0	0
19	PLATECORNER2B	PX	-.003	-.003	0	0
20	PLATECORNER2A	PX	-.003	-.003	0	0
21	PLATECORNER1C	PX	-.003	-.003	0	0
22	PLATECORNER1B	PX	-.003	-.003	0	0
23	PLATECORNER1A	PX	-.003	-.003	0	0
24	PLATE12	PX	-.003	-.003	0	0
25	PLATE11	PX	-.003	-.003	0	0
26	PLATE10	PX	-.003	-.003	0	0
27	PLATE9	PX	-.003	-.003	0	0
28	PLATE8	PX	-.003	-.003	0	0
29	PLATE7	PX	-.003	-.003	0	0
30	PLATE6	PX	-.003	-.003	0	0
31	PLATE5	PX	-.003	-.003	0	0
32	PLATE4	PX	-.003	-.003	0	0
33	PLATE3	PX	-.003	-.003	0	0
34	PLATE2	PX	-.003	-.003	0	0
35	PLATE1	PX	-.003	-.003	0	0
36	MP GAMMA4	PX	-.003	-.003	0	0
37	MP GAMMA3	PX	-.003	-.003	0	0
38	MP GAMMA2	PX	-.003	-.003	0	0
39	MP GAMMA1	PX	-.003	-.003	0	0
40	MP BETA4	PX	-.003	-.003	0	0
41	MP BETA3	PX	-.003	-.003	0	0
42	MP BETA2	PX	-.003	-.003	0	0
43	MP BETA1	PX	-.003	-.003	0	0
44	MP ALPHA4	PX	-.003	-.003	0	0
45	MP ALPHA3	PX	-.003	-.003	0	0
46	MP ALPHA2	PX	-.003	-.003	0	0
47	MP ALPHA1	PX	-.003	-.003	0	0
48	FACE1	PX	-.003	-.003	0	0
49	FACE3	PX	-.003	-.003	0	0
50	FACE2	PX	-.001	-.001	0	0
51	CR3B	PX	-.002	-.002	0	0
52	CR3A	PX	-.002	-.002	0	0
53	CR2B	PX	-.002	-.002	0	0
54	CR2A	PX	-.002	-.002	0	0
55	CR1B	PX	-.002	-.002	0	0
56	CR1A	PX	-.002	-.002	0	0
57	ANGLE2	PX	-.002	-.002	0	0
58	M115A	PX	-.002	-.002	0	0
59	M117	PX	-.002	-.002	0	0
60	M120	PX	-.002	-.002	0	0

Member Distributed Loads (BLC 32 : Ice Wind Load (120))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.000957	.000957	0	0
2	TOPANGLE2	PY	.000957	.000957	0	0
3	SUP3B	PY	.000858	.000858	0	0
4	SUP3A	PY	.000858	.000858	0	0
5	SUP2B	PY	.000858	.000858	0	0
6	SUP2A	PY	.000858	.000858	0	0
7	SUP1B	PY	.000858	.000858	0	0
8	SUP1A	PY	.000858	.000858	0	0
9	SO3	PY	.000784	.000784	0	0
10	SO2	PY	.000784	.000784	0	0
11	SO1	PY	.000784	.000784	0	0
12	RAIL1	PY	.001	.001	0	0
13	RAIL3	PY	.001	.001	0	0
14	RAIL2	PY	.000619	.000619	0	0
15	PLATECORNER3C	PY	.002	.002	0	0
16	PLATECORNER3B	PY	.002	.002	0	0
17	PLATECORNER3A	PY	.002	.002	0	0
18	PLATECORNER2C	PY	.002	.002	0	0
19	PLATECORNER2B	PY	.002	.002	0	0
20	PLATECORNER2A	PY	.002	.002	0	0
21	PLATECORNER1C	PY	.002	.002	0	0
22	PLATECORNER1B	PY	.002	.002	0	0
23	PLATECORNER1A	PY	.002	.002	0	0
24	PLATE12	PY	.002	.002	0	0
25	PLATE11	PY	.002	.002	0	0
26	PLATE10	PY	.002	.002	0	0
27	PLATE9	PY	.002	.002	0	0
28	PLATE8	PY	.002	.002	0	0
29	PLATE7	PY	.002	.002	0	0
30	PLATE6	PY	.002	.002	0	0
31	PLATE5	PY	.002	.002	0	0
32	PLATE4	PY	.002	.002	0	0
33	PLATE3	PY	.002	.002	0	0
34	PLATE2	PY	.002	.002	0	0
35	PLATE1	PY	.002	.002	0	0
36	MP GAMMA4	PY	.001	.001	0	0
37	MP GAMMA3	PY	.001	.001	0	0
38	MP GAMMA2	PY	.001	.001	0	0
39	MP GAMMA1	PY	.001	.001	0	0
40	MP BETA4	PY	.001	.001	0	0
41	MP BETA3	PY	.001	.001	0	0
42	MP BETA2	PY	.001	.001	0	0
43	MP BETA1	PY	.001	.001	0	0
44	MP ALPHA4	PY	.001	.001	0	0
45	MP ALPHA3	PY	.001	.001	0	0
46	MP ALPHA2	PY	.001	.001	0	0
47	MP ALPHA1	PY	.001	.001	0	0
48	FACE1	PY	.001	.001	0	0
49	FACE3	PY	.001	.001	0	0
50	FACE2	PY	.000693	.000693	0	0
51	CR3B	PY	.000957	.000957	0	0
52	CR3A	PY	.000957	.000957	0	0
53	CR2B	PY	.000957	.000957	0	0
54	CR2A	PY	.000957	.000957	0	0
55	CR1B	PY	.000957	.000957	0	0
56	CR1A	PY	.000957	.000957	0	0
57	ANGLE2	PY	.000957	.000957	0	0

Member Distributed Loads (BLC 32 : Ice Wind Load (120)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
58	TOPANGLE3	PX	-.002	-.002	0	0
59	TOPANGLE2	PX	-.002	-.002	0	0
60	SUP3B	PX	-.001	-.001	0	0
61	SUP3A	PX	-.001	-.001	0	0
62	SUP2B	PX	-.001	-.001	0	0
63	SUP2A	PX	-.001	-.001	0	0
64	SUP1B	PX	-.001	-.001	0	0
65	SUP1A	PX	-.001	-.001	0	0
66	SO3	PX	-.001	-.001	0	0
67	SO2	PX	-.001	-.001	0	0
68	SO1	PX	-.001	-.001	0	0
69	RAIL1	PX	-.002	-.002	0	0
70	RAIL3	PX	-.002	-.002	0	0
71	RAIL2	PX	-.001	-.001	0	0
72	PLATECORNER3C	PX	-.003	-.003	0	0
73	PLATECORNER3B	PX	-.003	-.003	0	0
74	PLATECORNER3A	PX	-.003	-.003	0	0
75	PLATECORNER2C	PX	-.003	-.003	0	0
76	PLATECORNER2B	PX	-.003	-.003	0	0
77	PLATECORNER2A	PX	-.003	-.003	0	0
78	PLATECORNER1C	PX	-.003	-.003	0	0
79	PLATECORNER1B	PX	-.003	-.003	0	0
80	PLATECORNER1A	PX	-.003	-.003	0	0
81	PLATE12	PX	-.003	-.003	0	0
82	PLATE11	PX	-.003	-.003	0	0
83	PLATE10	PX	-.003	-.003	0	0
84	PLATE9	PX	-.003	-.003	0	0
85	PLATE8	PX	-.003	-.003	0	0
86	PLATE7	PX	-.003	-.003	0	0
87	PLATE6	PX	-.003	-.003	0	0
88	PLATE5	PX	-.003	-.003	0	0
89	PLATE4	PX	-.003	-.003	0	0
90	PLATE3	PX	-.003	-.003	0	0
91	PLATE2	PX	-.003	-.003	0	0
92	PLATE1	PX	-.003	-.003	0	0
93	MP GAMMA4	PX	-.002	-.002	0	0
94	MP GAMMA3	PX	-.002	-.002	0	0
95	MP GAMMA2	PX	-.002	-.002	0	0
96	MP GAMMA1	PX	-.002	-.002	0	0
97	MP BETA4	PX	-.002	-.002	0	0
98	MP BETA3	PX	-.002	-.002	0	0
99	MP BETA2	PX	-.002	-.002	0	0
100	MP BETA1	PX	-.002	-.002	0	0
101	MP ALPHA4	PX	-.002	-.002	0	0
102	MP ALPHA3	PX	-.002	-.002	0	0
103	MP ALPHA2	PX	-.002	-.002	0	0
104	MP ALPHA1	PX	-.002	-.002	0	0
105	FACE1	PX	-.002	-.002	0	0
106	FACE3	PX	-.002	-.002	0	0
107	FACE2	PX	-.001	-.001	0	0
108	CR3B	PX	-.002	-.002	0	0
109	CR3A	PX	-.002	-.002	0	0
110	CR2B	PX	-.002	-.002	0	0
111	CR2A	PX	-.002	-.002	0	0
112	CR1B	PX	-.002	-.002	0	0
113	CR1A	PX	-.002	-.002	0	0
114	ANGLE2	PX	-.002	-.002	0	0

Member Distributed Loads (BLC 32 : Ice Wind Load (120)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
115	M115A	PY	.000784	.000784	0	0
116	M115A	PX	-.001	-.001	0	0
117	M117	PY	.000784	.000784	0	0
118	M117	PX	-.001	-.001	0	0
119	M120	PY	.000784	.000784	0	0
120	M120	PX	-.001	-.001	0	0

Member Distributed Loads (BLC 33 : Ice Wind Load (150))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.002	.002	0	0
2	TOPANGLE2	PY	.002	.002	0	0
3	SUP3B	PY	.001	.001	0	0
4	SUP3A	PY	.001	.001	0	0
5	SUP2B	PY	.001	.001	0	0
6	SUP2A	PY	.001	.001	0	0
7	SUP1B	PY	.001	.001	0	0
8	SUP1A	PY	.001	.001	0	0
9	SO3	PY	.001	.001	0	0
10	SO2	PY	.001	.001	0	0
11	SO1	PY	.001	.001	0	0
12	RAIL1	PY	.002	.002	0	0
13	RAIL3	PY	.002	.002	0	0
14	RAIL2	PY	.001	.001	0	0
15	PLATECORNER3C	PY	.003	.003	0	0
16	PLATECORNER3B	PY	.003	.003	0	0
17	PLATECORNER3A	PY	.003	.003	0	0
18	PLATECORNER2C	PY	.003	.003	0	0
19	PLATECORNER2B	PY	.003	.003	0	0
20	PLATECORNER2A	PY	.003	.003	0	0
21	PLATECORNER1C	PY	.003	.003	0	0
22	PLATECORNER1B	PY	.003	.003	0	0
23	PLATECORNER1A	PY	.003	.003	0	0
24	PLATE12	PY	.003	.003	0	0
25	PLATE11	PY	.003	.003	0	0
26	PLATE10	PY	.003	.003	0	0
27	PLATE9	PY	.003	.003	0	0
28	PLATE8	PY	.003	.003	0	0
29	PLATE7	PY	.003	.003	0	0
30	PLATE6	PY	.003	.003	0	0
31	PLATE5	PY	.003	.003	0	0
32	PLATE4	PY	.003	.003	0	0
33	PLATE3	PY	.003	.003	0	0
34	PLATE2	PY	.003	.003	0	0
35	PLATE1	PY	.003	.003	0	0
36	MP GAMMA4	PY	.002	.002	0	0
37	MP GAMMA3	PY	.002	.002	0	0
38	MP GAMMA2	PY	.002	.002	0	0
39	MP GAMMA1	PY	.002	.002	0	0
40	MP BETA4	PY	.002	.002	0	0
41	MP BETA3	PY	.002	.002	0	0
42	MP BETA2	PY	.002	.002	0	0
43	MP BETA1	PY	.002	.002	0	0
44	MP ALPHA4	PY	.002	.002	0	0
45	MP ALPHA3	PY	.002	.002	0	0
46	MP ALPHA2	PY	.002	.002	0	0
47	MP ALPHA1	PY	.002	.002	0	0

Member Distributed Loads (BLC 33 : Ice Wind Load (150)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
48	FACE1	PY	.002	.002	0	0
49	FACE3	PY	.002	.002	0	0
50	FACE2	PY	.001	.001	0	0
51	CR3B	PY	.002	.002	0	0
52	CR3A	PY	.002	.002	0	0
53	CR2B	PY	.002	.002	0	0
54	CR2A	PY	.002	.002	0	0
55	CR1B	PY	.002	.002	0	0
56	CR1A	PY	.002	.002	0	0
57	ANGLE2	PY	.002	.002	0	0
58	TOPANGLE3	PX	-.000957	-.000957	0	0
59	TOPANGLE2	PX	-.000957	-.000957	0	0
60	SUP3B	PX	-.000858	-.000858	0	0
61	SUP3A	PX	-.000858	-.000858	0	0
62	SUP2B	PX	-.000858	-.000858	0	0
63	SUP2A	PX	-.000858	-.000858	0	0
64	SUP1B	PX	-.000858	-.000858	0	0
65	SUP1A	PX	-.000858	-.000858	0	0
66	SO3	PX	-.000784	-.000784	0	0
67	SO2	PX	-.000784	-.000784	0	0
68	SO1	PX	-.000784	-.000784	0	0
69	RAIL1	PX	-.001	-.001	0	0
70	RAIL3	PX	-.001	-.001	0	0
71	RAIL2	PX	-.000619	-.000619	0	0
72	PLATECORNER3C	PX	-.002	-.002	0	0
73	PLATECORNER3B	PX	-.002	-.002	0	0
74	PLATECORNER3A	PX	-.002	-.002	0	0
75	PLATECORNER2C	PX	-.002	-.002	0	0
76	PLATECORNER2B	PX	-.002	-.002	0	0
77	PLATECORNER2A	PX	-.002	-.002	0	0
78	PLATECORNER1C	PX	-.002	-.002	0	0
79	PLATECORNER1B	PX	-.002	-.002	0	0
80	PLATECORNER1A	PX	-.002	-.002	0	0
81	PLATE12	PX	-.002	-.002	0	0
82	PLATE11	PX	-.002	-.002	0	0
83	PLATE10	PX	-.002	-.002	0	0
84	PLATE9	PX	-.002	-.002	0	0
85	PLATE8	PX	-.002	-.002	0	0
86	PLATE7	PX	-.002	-.002	0	0
87	PLATE6	PX	-.002	-.002	0	0
88	PLATE5	PX	-.002	-.002	0	0
89	PLATE4	PX	-.002	-.002	0	0
90	PLATE3	PX	-.002	-.002	0	0
91	PLATE2	PX	-.002	-.002	0	0
92	PLATE1	PX	-.002	-.002	0	0
93	MP GAMMA4	PX	-.001	-.001	0	0
94	MP GAMMA3	PX	-.001	-.001	0	0
95	MP GAMMA2	PX	-.001	-.001	0	0
96	MP GAMMA1	PX	-.001	-.001	0	0
97	MP BETA4	PX	-.001	-.001	0	0
98	MP BETA3	PX	-.001	-.001	0	0
99	MP BETA2	PX	-.001	-.001	0	0
100	MP BETA1	PX	-.001	-.001	0	0
101	MP ALPHA4	PX	-.001	-.001	0	0
102	MP ALPHA3	PX	-.001	-.001	0	0
103	MP ALPHA2	PX	-.001	-.001	0	0
104	MP ALPHA1	PX	-.001	-.001	0	0

Member Distributed Loads (BLC 33 : Ice Wind Load (150)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
105	FACE1	PX	-.001	-.001	0	0
106	FACE3	PX	-.001	-.001	0	0
107	FACE2	PX	-.000693	-.000693	0	0
108	CR3B	PX	-.000957	-.000957	0	0
109	CR3A	PX	-.000957	-.000957	0	0
110	CR2B	PX	-.000957	-.000957	0	0
111	CR2A	PX	-.000957	-.000957	0	0
112	CR1B	PX	-.000957	-.000957	0	0
113	CR1A	PX	-.000957	-.000957	0	0
114	ANGLE2	PX	-.000957	-.000957	0	0
115	M115A	PY	.001	.001	0	0
116	M115A	PX	-.000784	-.000784	0	0
117	M117	PY	.001	.001	0	0
118	M117	PX	-.000784	-.000784	0	0
119	M120	PY	.001	.001	0	0
120	M120	PX	-.000784	-.000784	0	0

Member Distributed Loads (BLC 34 : Ice Wind Load (180))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.002	.002	0	0
2	TOPANGLE2	PY	.002	.002	0	0
3	SUP3B	PY	.002	.002	0	0
4	SUP3A	PY	.002	.002	0	0
5	SUP2B	PY	.002	.002	0	0
6	SUP2A	PY	.002	.002	0	0
7	SUP1B	PY	.002	.002	0	0
8	SUP1A	PY	.002	.002	0	0
9	SO3	PY	.002	.002	0	0
10	SO2	PY	.002	.002	0	0
11	SO1	PY	.002	.002	0	0
12	RAIL1	PY	.002	.002	0	0
13	RAIL3	PY	.002	.002	0	0
14	RAIL2	PY	.001	.001	0	0
15	PLATECORNER3C	PY	.003	.003	0	0
16	PLATECORNER3B	PY	.003	.003	0	0
17	PLATECORNER3A	PY	.003	.003	0	0
18	PLATECORNER2C	PY	.003	.003	0	0
19	PLATECORNER2B	PY	.003	.003	0	0
20	PLATECORNER2A	PY	.003	.003	0	0
21	PLATECORNER1C	PY	.003	.003	0	0
22	PLATECORNER1B	PY	.003	.003	0	0
23	PLATECORNER1A	PY	.003	.003	0	0
24	PLATE12	PY	.003	.003	0	0
25	PLATE11	PY	.003	.003	0	0
26	PLATE10	PY	.003	.003	0	0
27	PLATE9	PY	.003	.003	0	0
28	PLATE8	PY	.003	.003	0	0
29	PLATE7	PY	.003	.003	0	0
30	PLATE6	PY	.003	.003	0	0
31	PLATE5	PY	.003	.003	0	0
32	PLATE4	PY	.003	.003	0	0
33	PLATE3	PY	.003	.003	0	0
34	PLATE2	PY	.003	.003	0	0
35	PLATE1	PY	.003	.003	0	0
36	MP GAMMA4	PY	.003	.003	0	0
37	MP GAMMA3	PY	.003	.003	0	0

Member Distributed Loads (BLC 34 : Ice Wind Load (180)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
38	MP GAMMA2	PY	.003	.003	0	0
39	MP GAMMA1	PY	.003	.003	0	0
40	MP BETA4	PY	.003	.003	0	0
41	MP BETA3	PY	.003	.003	0	0
42	MP BETA2	PY	.003	.003	0	0
43	MP BETA1	PY	.003	.003	0	0
44	MP ALPHA4	PY	.003	.003	0	0
45	MP ALPHA3	PY	.003	.003	0	0
46	MP ALPHA2	PY	.003	.003	0	0
47	MP ALPHA1	PY	.003	.003	0	0
48	FACE1	PY	.003	.003	0	0
49	FACE3	PY	.003	.003	0	0
50	FACE2	PY	.001	.001	0	0
51	CR3B	PY	.002	.002	0	0
52	CR3A	PY	.002	.002	0	0
53	CR2B	PY	.002	.002	0	0
54	CR2A	PY	.002	.002	0	0
55	CR1B	PY	.002	.002	0	0
56	CR1A	PY	.002	.002	0	0
57	ANGLE2	PY	.002	.002	0	0
58	M115A	PY	.002	.002	0	0
59	M117	PY	.002	.002	0	0
60	M120	PY	.002	.002	0	0

Member Distributed Loads (BLC 35 : Ice Wind Load (210))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.002	.002	0	0
2	TOPANGLE2	PY	.002	.002	0	0
3	SUP3B	PY	.001	.001	0	0
4	SUP3A	PY	.001	.001	0	0
5	SUP2B	PY	.001	.001	0	0
6	SUP2A	PY	.001	.001	0	0
7	SUP1B	PY	.001	.001	0	0
8	SUP1A	PY	.001	.001	0	0
9	SO3	PY	.001	.001	0	0
10	SO2	PY	.001	.001	0	0
11	SO1	PY	.001	.001	0	0
12	RAIL1	PY	.002	.002	0	0
13	RAIL2	PY	.002	.002	0	0
14	RAIL3	PY	.001	.001	0	0
15	PLATECORNER3C	PY	.003	.003	0	0
16	PLATECORNER3B	PY	.003	.003	0	0
17	PLATECORNER3A	PY	.003	.003	0	0
18	PLATECORNER2C	PY	.003	.003	0	0
19	PLATECORNER2B	PY	.003	.003	0	0
20	PLATECORNER2A	PY	.003	.003	0	0
21	PLATECORNER1C	PY	.003	.003	0	0
22	PLATECORNER1B	PY	.003	.003	0	0
23	PLATECORNER1A	PY	.003	.003	0	0
24	PLATE12	PY	.003	.003	0	0
25	PLATE11	PY	.003	.003	0	0
26	PLATE10	PY	.003	.003	0	0
27	PLATE9	PY	.003	.003	0	0
28	PLATE8	PY	.003	.003	0	0
29	PLATE7	PY	.003	.003	0	0
30	PLATE6	PY	.003	.003	0	0

Member Distributed Loads (BLC 35 : Ice Wind Load (210)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
31	PLATE5	PY	.003	.003	0	0
32	PLATE4	PY	.003	.003	0	0
33	PLATE3	PY	.003	.003	0	0
34	PLATE2	PY	.003	.003	0	0
35	PLATE1	PY	.003	.003	0	0
36	MP GAMMA4	PY	.002	.002	0	0
37	MP GAMMA3	PY	.002	.002	0	0
38	MP GAMMA2	PY	.002	.002	0	0
39	MP GAMMA1	PY	.002	.002	0	0
40	MP BETA4	PY	.002	.002	0	0
41	MP BETA3	PY	.002	.002	0	0
42	MP BETA2	PY	.002	.002	0	0
43	MP BETA1	PY	.002	.002	0	0
44	MP ALPHA4	PY	.002	.002	0	0
45	MP ALPHA3	PY	.002	.002	0	0
46	MP ALPHA2	PY	.002	.002	0	0
47	MP ALPHA1	PY	.002	.002	0	0
48	FACE1	PY	.002	.002	0	0
49	FACE2	PY	.002	.002	0	0
50	FACE3	PY	.001	.001	0	0
51	CR3B	PY	.002	.002	0	0
52	CR3A	PY	.002	.002	0	0
53	CR2B	PY	.002	.002	0	0
54	CR2A	PY	.002	.002	0	0
55	CR1B	PY	.002	.002	0	0
56	CR1A	PY	.002	.002	0	0
57	ANGLE2	PY	.002	.002	0	0
58	TOPANGLE3	PX	.000957	.000957	0	0
59	TOPANGLE2	PX	.000957	.000957	0	0
60	SUP3B	PX	.000858	.000858	0	0
61	SUP3A	PX	.000858	.000858	0	0
62	SUP2B	PX	.000858	.000858	0	0
63	SUP2A	PX	.000858	.000858	0	0
64	SUP1B	PX	.000858	.000858	0	0
65	SUP1A	PX	.000858	.000858	0	0
66	SO3	PX	.000784	.000784	0	0
67	SO2	PX	.000784	.000784	0	0
68	SO1	PX	.000784	.000784	0	0
69	RAIL1	PX	.001	.001	0	0
70	RAIL2	PX	.001	.001	0	0
71	RAIL3	PX	.000619	.000619	0	0
72	PLATECORNER3C	PX	.002	.002	0	0
73	PLATECORNER3B	PX	.002	.002	0	0
74	PLATECORNER3A	PX	.002	.002	0	0
75	PLATECORNER2C	PX	.002	.002	0	0
76	PLATECORNER2B	PX	.002	.002	0	0
77	PLATECORNER2A	PX	.002	.002	0	0
78	PLATECORNER1C	PX	.002	.002	0	0
79	PLATECORNER1B	PX	.002	.002	0	0
80	PLATECORNER1A	PX	.002	.002	0	0
81	PLATE12	PX	.002	.002	0	0
82	PLATE11	PX	.002	.002	0	0
83	PLATE10	PX	.002	.002	0	0
84	PLATE9	PX	.002	.002	0	0
85	PLATE8	PX	.002	.002	0	0
86	PLATE7	PX	.002	.002	0	0
87	PLATE6	PX	.002	.002	0	0

Member Distributed Loads (BLC 35 : Ice Wind Load (210)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
88	PLATE5	PX	.002	.002	0	0
89	PLATE4	PX	.002	.002	0	0
90	PLATE3	PX	.002	.002	0	0
91	PLATE2	PX	.002	.002	0	0
92	PLATE1	PX	.002	.002	0	0
93	MP GAMMA4	PX	.001	.001	0	0
94	MP GAMMA3	PX	.001	.001	0	0
95	MP GAMMA2	PX	.001	.001	0	0
96	MP GAMMA1	PX	.001	.001	0	0
97	MP BETA4	PX	.001	.001	0	0
98	MP BETA3	PX	.001	.001	0	0
99	MP BETA2	PX	.001	.001	0	0
100	MP BETA1	PX	.001	.001	0	0
101	MP ALPHA4	PX	.001	.001	0	0
102	MP ALPHA3	PX	.001	.001	0	0
103	MP ALPHA2	PX	.001	.001	0	0
104	MP ALPHA1	PX	.001	.001	0	0
105	FACE1	PX	.001	.001	0	0
106	FACE2	PX	.001	.001	0	0
107	FACE3	PX	.000693	.000693	0	0
108	CR3B	PX	.000957	.000957	0	0
109	CR3A	PX	.000957	.000957	0	0
110	CR2B	PX	.000957	.000957	0	0
111	CR2A	PX	.000957	.000957	0	0
112	CR1B	PX	.000957	.000957	0	0
113	CR1A	PX	.000957	.000957	0	0
114	ANGLE2	PX	.000957	.000957	0	0
115	M115A	PY	.001	.001	0	0
116	M115A	PX	.000784	.000784	0	0
117	M117	PY	.001	.001	0	0
118	M117	PX	.000784	.000784	0	0
119	M120	PY	.001	.001	0	0
120	M120	PX	.000784	.000784	0	0

Member Distributed Loads (BLC 36 : Ice Wind Load (240))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	.000957	.000957	0	0
2	TOPANGLE2	PY	.000957	.000957	0	0
3	SUP3B	PY	.000858	.000858	0	0
4	SUP3A	PY	.000858	.000858	0	0
5	SUP2B	PY	.000858	.000858	0	0
6	SUP2A	PY	.000858	.000858	0	0
7	SUP1B	PY	.000858	.000858	0	0
8	SUP1A	PY	.000858	.000858	0	0
9	SO3	PY	.000784	.000784	0	0
10	SO2	PY	.000784	.000784	0	0
11	SO1	PY	.000784	.000784	0	0
12	RAIL1	PY	.001	.001	0	0
13	RAIL2	PY	.001	.001	0	0
14	RAIL3	PY	.000619	.000619	0	0
15	PLATECORNER3C	PY	.002	.002	0	0
16	PLATECORNER3B	PY	.002	.002	0	0
17	PLATECORNER3A	PY	.002	.002	0	0
18	PLATECORNER2C	PY	.002	.002	0	0
19	PLATECORNER2B	PY	.002	.002	0	0
20	PLATECORNER2A	PY	.002	.002	0	0

Member Distributed Loads (BLC 36 : Ice Wind Load (240)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
21	PLATECORNER1C	PY	.002	.002	0	0
22	PLATECORNER1B	PY	.002	.002	0	0
23	PLATECORNER1A	PY	.002	.002	0	0
24	PLATE12	PY	.002	.002	0	0
25	PLATE11	PY	.002	.002	0	0
26	PLATE10	PY	.002	.002	0	0
27	PLATE9	PY	.002	.002	0	0
28	PLATE8	PY	.002	.002	0	0
29	PLATE7	PY	.002	.002	0	0
30	PLATE6	PY	.002	.002	0	0
31	PLATE5	PY	.002	.002	0	0
32	PLATE4	PY	.002	.002	0	0
33	PLATE3	PY	.002	.002	0	0
34	PLATE2	PY	.002	.002	0	0
35	PLATE1	PY	.002	.002	0	0
36	MP GAMMA4	PY	.001	.001	0	0
37	MP GAMMA3	PY	.001	.001	0	0
38	MP GAMMA2	PY	.001	.001	0	0
39	MP GAMMA1	PY	.001	.001	0	0
40	MP BETA4	PY	.001	.001	0	0
41	MP BETA3	PY	.001	.001	0	0
42	MP BETA2	PY	.001	.001	0	0
43	MP BETA1	PY	.001	.001	0	0
44	MP ALPHA4	PY	.001	.001	0	0
45	MP ALPHA3	PY	.001	.001	0	0
46	MP ALPHA2	PY	.001	.001	0	0
47	MP ALPHA1	PY	.001	.001	0	0
48	FACE1	PY	.001	.001	0	0
49	FACE2	PY	.001	.001	0	0
50	FACE3	PY	.000693	.000693	0	0
51	CR3B	PY	.000957	.000957	0	0
52	CR3A	PY	.000957	.000957	0	0
53	CR2B	PY	.000957	.000957	0	0
54	CR2A	PY	.000957	.000957	0	0
55	CR1B	PY	.000957	.000957	0	0
56	CR1A	PY	.000957	.000957	0	0
57	ANGLE2	PY	.000957	.000957	0	0
58	TOPANGLE3	PX	.002	.002	0	0
59	TOPANGLE2	PX	.002	.002	0	0
60	SUP3B	PX	.001	.001	0	0
61	SUP3A	PX	.001	.001	0	0
62	SUP2B	PX	.001	.001	0	0
63	SUP2A	PX	.001	.001	0	0
64	SUP1B	PX	.001	.001	0	0
65	SUP1A	PX	.001	.001	0	0
66	SO3	PX	.001	.001	0	0
67	SO2	PX	.001	.001	0	0
68	SO1	PX	.001	.001	0	0
69	RAIL1	PX	.002	.002	0	0
70	RAIL2	PX	.002	.002	0	0
71	RAIL3	PX	.001	.001	0	0
72	PLATECORNER3C	PX	.003	.003	0	0
73	PLATECORNER3B	PX	.003	.003	0	0
74	PLATECORNER3A	PX	.003	.003	0	0
75	PLATECORNER2C	PX	.003	.003	0	0
76	PLATECORNER2B	PX	.003	.003	0	0
77	PLATECORNER2A	PX	.003	.003	0	0

Member Distributed Loads (BLC 36 : Ice Wind Load (240)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
78	PLATECORNER1C	PX	.003	.003	0	0
79	PLATECORNER1B	PX	.003	.003	0	0
80	PLATECORNER1A	PX	.003	.003	0	0
81	PLATE12	PX	.003	.003	0	0
82	PLATE11	PX	.003	.003	0	0
83	PLATE10	PX	.003	.003	0	0
84	PLATE9	PX	.003	.003	0	0
85	PLATE8	PX	.003	.003	0	0
86	PLATE7	PX	.003	.003	0	0
87	PLATE6	PX	.003	.003	0	0
88	PLATE5	PX	.003	.003	0	0
89	PLATE4	PX	.003	.003	0	0
90	PLATE3	PX	.003	.003	0	0
91	PLATE2	PX	.003	.003	0	0
92	PLATE1	PX	.003	.003	0	0
93	MP GAMMA4	PX	.002	.002	0	0
94	MP GAMMA3	PX	.002	.002	0	0
95	MP GAMMA2	PX	.002	.002	0	0
96	MP GAMMA1	PX	.002	.002	0	0
97	MP BETA4	PX	.002	.002	0	0
98	MP BETA3	PX	.002	.002	0	0
99	MP BETA2	PX	.002	.002	0	0
100	MP BETA1	PX	.002	.002	0	0
101	MP ALPHA4	PX	.002	.002	0	0
102	MP ALPHA3	PX	.002	.002	0	0
103	MP ALPHA2	PX	.002	.002	0	0
104	MP ALPHA1	PX	.002	.002	0	0
105	FACE1	PX	.002	.002	0	0
106	FACE2	PX	.002	.002	0	0
107	FACE3	PX	.001	.001	0	0
108	CR3B	PX	.002	.002	0	0
109	CR3A	PX	.002	.002	0	0
110	CR2B	PX	.002	.002	0	0
111	CR2A	PX	.002	.002	0	0
112	CR1B	PX	.002	.002	0	0
113	CR1A	PX	.002	.002	0	0
114	ANGLE2	PX	.002	.002	0	0
115	M115A	PY	.000784	.000784	0	0
116	M115A	PX	.001	.001	0	0
117	M117	PY	.000784	.000784	0	0
118	M117	PX	.001	.001	0	0
119	M120	PY	.000784	.000784	0	0
120	M120	PX	.001	.001	0	0

Member Distributed Loads (BLC 37 : Ice Wind Load (270))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PX	.002	.002	0	0
2	TOPANGLE2	PX	.002	.002	0	0
3	SUP3B	PX	.002	.002	0	0
4	SUP3A	PX	.002	.002	0	0
5	SUP2B	PX	.002	.002	0	0
6	SUP2A	PX	.002	.002	0	0
7	SUP1B	PX	.002	.002	0	0
8	SUP1A	PX	.002	.002	0	0
9	SO3	PX	.002	.002	0	0
10	SO2	PX	.002	.002	0	0

Member Distributed Loads (BLC 37 : Ice Wind Load (270)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
11	SO1	PX	.002	.002	0	0
12	RAIL1	PX	.002	.002	0	0
13	RAIL2	PX	.002	.002	0	0
14	RAIL3	PX	.001	.001	0	0
15	PLATECORNER3C	PX	.003	.003	0	0
16	PLATECORNER3B	PX	.003	.003	0	0
17	PLATECORNER3A	PX	.003	.003	0	0
18	PLATECORNER2C	PX	.003	.003	0	0
19	PLATECORNER2B	PX	.003	.003	0	0
20	PLATECORNER2A	PX	.003	.003	0	0
21	PLATECORNER1C	PX	.003	.003	0	0
22	PLATECORNER1B	PX	.003	.003	0	0
23	PLATECORNER1A	PX	.003	.003	0	0
24	PLATE12	PX	.003	.003	0	0
25	PLATE11	PX	.003	.003	0	0
26	PLATE10	PX	.003	.003	0	0
27	PLATE9	PX	.003	.003	0	0
28	PLATE8	PX	.003	.003	0	0
29	PLATE7	PX	.003	.003	0	0
30	PLATE6	PX	.003	.003	0	0
31	PLATE5	PX	.003	.003	0	0
32	PLATE4	PX	.003	.003	0	0
33	PLATE3	PX	.003	.003	0	0
34	PLATE2	PX	.003	.003	0	0
35	PLATE1	PX	.003	.003	0	0
36	MP GAMMA4	PX	.003	.003	0	0
37	MP GAMMA3	PX	.003	.003	0	0
38	MP GAMMA2	PX	.003	.003	0	0
39	MP GAMMA1	PX	.003	.003	0	0
40	MP BETA4	PX	.003	.003	0	0
41	MP BETA3	PX	.003	.003	0	0
42	MP BETA2	PX	.003	.003	0	0
43	MP BETA1	PX	.003	.003	0	0
44	MP ALPHA4	PX	.003	.003	0	0
45	MP ALPHA3	PX	.003	.003	0	0
46	MP ALPHA2	PX	.003	.003	0	0
47	MP ALPHA1	PX	.003	.003	0	0
48	FACE1	PX	.003	.003	0	0
49	FACE2	PX	.003	.003	0	0
50	FACE3	PX	.001	.001	0	0
51	CR3B	PX	.002	.002	0	0
52	CR3A	PX	.002	.002	0	0
53	CR2B	PX	.002	.002	0	0
54	CR2A	PX	.002	.002	0	0
55	CR1B	PX	.002	.002	0	0
56	CR1A	PX	.002	.002	0	0
57	ANGLE2	PX	.002	.002	0	0
58	M115A	PX	.002	.002	0	0
59	M117	PX	.002	.002	0	0
60	M120	PX	.002	.002	0	0

Member Distributed Loads (BLC 38 : Ice Wind Load (300))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.000957	-.000957	0	0
2	TOPANGLE2	PY	-.000957	-.000957	0	0
3	SUP3B	PY	-.000858	-.000858	0	0

Member Distributed Loads (BLC 38 : Ice Wind Load (300)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
4	SUP3A	PY	-.000858	-.000858	0	0
5	SUP2B	PY	-.000858	-.000858	0	0
6	SUP2A	PY	-.000858	-.000858	0	0
7	SUP1B	PY	-.000858	-.000858	0	0
8	SUP1A	PY	-.000858	-.000858	0	0
9	SO3	PY	-.000784	-.000784	0	0
10	SO2	PY	-.000784	-.000784	0	0
11	SO1	PY	-.000784	-.000784	0	0
12	RAIL1	PY	-.001	-.001	0	0
13	RAIL2	PY	-.001	-.001	0	0
14	RAIL3	PY	-.000619	-.000619	0	0
15	PLATECORNER3C	PY	-.002	-.002	0	0
16	PLATECORNER3B	PY	-.002	-.002	0	0
17	PLATECORNER3A	PY	-.002	-.002	0	0
18	PLATECORNER2C	PY	-.002	-.002	0	0
19	PLATECORNER2B	PY	-.002	-.002	0	0
20	PLATECORNER2A	PY	-.002	-.002	0	0
21	PLATECORNER1C	PY	-.002	-.002	0	0
22	PLATECORNER1B	PY	-.002	-.002	0	0
23	PLATECORNER1A	PY	-.002	-.002	0	0
24	PLATE12	PY	-.002	-.002	0	0
25	PLATE11	PY	-.002	-.002	0	0
26	PLATE10	PY	-.002	-.002	0	0
27	PLATE9	PY	-.002	-.002	0	0
28	PLATE8	PY	-.002	-.002	0	0
29	PLATE7	PY	-.002	-.002	0	0
30	PLATE6	PY	-.002	-.002	0	0
31	PLATE5	PY	-.002	-.002	0	0
32	PLATE4	PY	-.002	-.002	0	0
33	PLATE3	PY	-.002	-.002	0	0
34	PLATE2	PY	-.002	-.002	0	0
35	PLATE1	PY	-.002	-.002	0	0
36	MP GAMMA4	PY	-.001	-.001	0	0
37	MP GAMMA3	PY	-.001	-.001	0	0
38	MP GAMMA2	PY	-.001	-.001	0	0
39	MP GAMMA1	PY	-.001	-.001	0	0
40	MP BETA4	PY	-.001	-.001	0	0
41	MP BETA3	PY	-.001	-.001	0	0
42	MP BETA2	PY	-.001	-.001	0	0
43	MP BETA1	PY	-.001	-.001	0	0
44	MP ALPHA4	PY	-.001	-.001	0	0
45	MP ALPHA3	PY	-.001	-.001	0	0
46	MP ALPHA2	PY	-.001	-.001	0	0
47	MP ALPHA1	PY	-.001	-.001	0	0
48	FACE1	PY	-.001	-.001	0	0
49	FACE2	PY	-.001	-.001	0	0
50	FACE3	PY	-.000693	-.000693	0	0
51	CR3B	PY	-.000957	-.000957	0	0
52	CR3A	PY	-.000957	-.000957	0	0
53	CR2B	PY	-.000957	-.000957	0	0
54	CR2A	PY	-.000957	-.000957	0	0
55	CR1B	PY	-.000957	-.000957	0	0
56	CR1A	PY	-.000957	-.000957	0	0
57	ANGLE2	PY	-.000957	-.000957	0	0
58	TOPANGLE3	PX	.002	.002	0	0
59	TOPANGLE2	PX	.002	.002	0	0
60	SUP3B	PX	.001	.001	0	0

Member Distributed Loads (BLC 38 : Ice Wind Load (300)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
61	SUP3A	PX	.001	.001	0	0
62	SUP2B	PX	.001	.001	0	0
63	SUP2A	PX	.001	.001	0	0
64	SUP1B	PX	.001	.001	0	0
65	SUP1A	PX	.001	.001	0	0
66	SO3	PX	.001	.001	0	0
67	SO2	PX	.001	.001	0	0
68	SO1	PX	.001	.001	0	0
69	RAIL1	PX	.002	.002	0	0
70	RAIL2	PX	.002	.002	0	0
71	RAIL3	PX	.001	.001	0	0
72	PLATECORNER3C	PX	.003	.003	0	0
73	PLATECORNER3B	PX	.003	.003	0	0
74	PLATECORNER3A	PX	.003	.003	0	0
75	PLATECORNER2C	PX	.003	.003	0	0
76	PLATECORNER2B	PX	.003	.003	0	0
77	PLATECORNER2A	PX	.003	.003	0	0
78	PLATECORNER1C	PX	.003	.003	0	0
79	PLATECORNER1B	PX	.003	.003	0	0
80	PLATECORNER1A	PX	.003	.003	0	0
81	PLATE12	PX	.003	.003	0	0
82	PLATE11	PX	.003	.003	0	0
83	PLATE10	PX	.003	.003	0	0
84	PLATE9	PX	.003	.003	0	0
85	PLATE8	PX	.003	.003	0	0
86	PLATE7	PX	.003	.003	0	0
87	PLATE6	PX	.003	.003	0	0
88	PLATE5	PX	.003	.003	0	0
89	PLATE4	PX	.003	.003	0	0
90	PLATE3	PX	.003	.003	0	0
91	PLATE2	PX	.003	.003	0	0
92	PLATE1	PX	.003	.003	0	0
93	MP GAMMA4	PX	.002	.002	0	0
94	MP GAMMA3	PX	.002	.002	0	0
95	MP GAMMA2	PX	.002	.002	0	0
96	MP GAMMA1	PX	.002	.002	0	0
97	MP BETA4	PX	.002	.002	0	0
98	MP BETA3	PX	.002	.002	0	0
99	MP BETA2	PX	.002	.002	0	0
100	MP BETA1	PX	.002	.002	0	0
101	MP ALPHA4	PX	.002	.002	0	0
102	MP ALPHA3	PX	.002	.002	0	0
103	MP ALPHA2	PX	.002	.002	0	0
104	MP ALPHA1	PX	.002	.002	0	0
105	FACE1	PX	.002	.002	0	0
106	FACE2	PX	.002	.002	0	0
107	FACE3	PX	.001	.001	0	0
108	CR3B	PX	.002	.002	0	0
109	CR3A	PX	.002	.002	0	0
110	CR2B	PX	.002	.002	0	0
111	CR2A	PX	.002	.002	0	0
112	CR1B	PX	.002	.002	0	0
113	CR1A	PX	.002	.002	0	0
114	ANGLE2	PX	.002	.002	0	0
115	M115A	PY	-.000784	-.000784	0	0
116	M115A	PX	.001	.001	0	0
117	M117	PY	-.000784	-.000784	0	0

Member Distributed Loads (BLC 38 : Ice Wind Load (300)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
118	M117	PX	.001	.001	0	0
119	M120	PY	-.000784	-.000784	0	0
120	M120	PX	.001	.001	0	0

Member Distributed Loads (BLC 39 : Ice Wind Load (330))

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	TOPANGLE3	PY	-.002	-.002	0	0
2	TOPANGLE2	PY	-.002	-.002	0	0
3	SUP3B	PY	-.001	-.001	0	0
4	SUP3A	PY	-.001	-.001	0	0
5	SUP2B	PY	-.001	-.001	0	0
6	SUP2A	PY	-.001	-.001	0	0
7	SUP1B	PY	-.001	-.001	0	0
8	SUP1A	PY	-.001	-.001	0	0
9	SO3	PY	-.001	-.001	0	0
10	SO2	PY	-.001	-.001	0	0
11	SO1	PY	-.001	-.001	0	0
12	RAIL3	PY	-.002	-.002	0	0
13	RAIL2	PY	-.002	-.002	0	0
14	RAIL1	PY	-.001	-.001	0	0
15	PLATECORNER3C	PY	-.003	-.003	0	0
16	PLATECORNER3B	PY	-.003	-.003	0	0
17	PLATECORNER3A	PY	-.003	-.003	0	0
18	PLATECORNER2C	PY	-.003	-.003	0	0
19	PLATECORNER2B	PY	-.003	-.003	0	0
20	PLATECORNER2A	PY	-.003	-.003	0	0
21	PLATECORNER1C	PY	-.003	-.003	0	0
22	PLATECORNER1B	PY	-.003	-.003	0	0
23	PLATECORNER1A	PY	-.003	-.003	0	0
24	PLATE12	PY	-.003	-.003	0	0
25	PLATE11	PY	-.003	-.003	0	0
26	PLATE10	PY	-.003	-.003	0	0
27	PLATE9	PY	-.003	-.003	0	0
28	PLATE8	PY	-.003	-.003	0	0
29	PLATE7	PY	-.003	-.003	0	0
30	PLATE6	PY	-.003	-.003	0	0
31	PLATE5	PY	-.003	-.003	0	0
32	PLATE4	PY	-.003	-.003	0	0
33	PLATE3	PY	-.003	-.003	0	0
34	PLATE2	PY	-.003	-.003	0	0
35	PLATE1	PY	-.003	-.003	0	0
36	MP GAMMA4	PY	-.002	-.002	0	0
37	MP GAMMA3	PY	-.002	-.002	0	0
38	MP GAMMA2	PY	-.002	-.002	0	0
39	MP GAMMA1	PY	-.002	-.002	0	0
40	MP BETA4	PY	-.002	-.002	0	0
41	MP BETA3	PY	-.002	-.002	0	0
42	MP BETA2	PY	-.002	-.002	0	0
43	MP BETA1	PY	-.002	-.002	0	0
44	MP ALPHA4	PY	-.002	-.002	0	0
45	MP ALPHA3	PY	-.002	-.002	0	0
46	MP ALPHA2	PY	-.002	-.002	0	0
47	MP ALPHA1	PY	-.002	-.002	0	0
48	FACE3	PY	-.002	-.002	0	0
49	FACE2	PY	-.002	-.002	0	0
50	FACE1	PY	-.001	-.001	0	0

Member Distributed Loads (BLC 39 : Ice Wind Load (330)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
51	CR3B	PY	-.002	-.002	0	0
52	CR3A	PY	-.002	-.002	0	0
53	CR2B	PY	-.002	-.002	0	0
54	CR2A	PY	-.002	-.002	0	0
55	CR1B	PY	-.002	-.002	0	0
56	CR1A	PY	-.002	-.002	0	0
57	ANGLE2	PY	-.002	-.002	0	0
58	TOPANGLE3	PX	.000957	.000957	0	0
59	TOPANGLE2	PX	.000957	.000957	0	0
60	SUP3B	PX	.000858	.000858	0	0
61	SUP3A	PX	.000858	.000858	0	0
62	SUP2B	PX	.000858	.000858	0	0
63	SUP2A	PX	.000858	.000858	0	0
64	SUP1B	PX	.000858	.000858	0	0
65	SUP1A	PX	.000858	.000858	0	0
66	SO3	PX	.000784	.000784	0	0
67	SO2	PX	.000784	.000784	0	0
68	SO1	PX	.000784	.000784	0	0
69	RAIL3	PX	.001	.001	0	0
70	RAIL2	PX	.001	.001	0	0
71	RAIL1	PX	.000619	.000619	0	0
72	PLATECORNER3C	PX	.002	.002	0	0
73	PLATECORNER3B	PX	.002	.002	0	0
74	PLATECORNER3A	PX	.002	.002	0	0
75	PLATECORNER2C	PX	.002	.002	0	0
76	PLATECORNER2B	PX	.002	.002	0	0
77	PLATECORNER2A	PX	.002	.002	0	0
78	PLATECORNER1C	PX	.002	.002	0	0
79	PLATECORNER1B	PX	.002	.002	0	0
80	PLATECORNER1A	PX	.002	.002	0	0
81	PLATE12	PX	.002	.002	0	0
82	PLATE11	PX	.002	.002	0	0
83	PLATE10	PX	.002	.002	0	0
84	PLATE9	PX	.002	.002	0	0
85	PLATE8	PX	.002	.002	0	0
86	PLATE7	PX	.002	.002	0	0
87	PLATE6	PX	.002	.002	0	0
88	PLATE5	PX	.002	.002	0	0
89	PLATE4	PX	.002	.002	0	0
90	PLATE3	PX	.002	.002	0	0
91	PLATE2	PX	.002	.002	0	0
92	PLATE1	PX	.002	.002	0	0
93	MP GAMMA4	PX	.001	.001	0	0
94	MP GAMMA3	PX	.001	.001	0	0
95	MP GAMMA2	PX	.001	.001	0	0
96	MP GAMMA1	PX	.001	.001	0	0
97	MP BETA4	PX	.001	.001	0	0
98	MP BETA3	PX	.001	.001	0	0
99	MP BETA2	PX	.001	.001	0	0
100	MP BETA1	PX	.001	.001	0	0
101	MP ALPHA4	PX	.001	.001	0	0
102	MP ALPHA3	PX	.001	.001	0	0
103	MP ALPHA2	PX	.001	.001	0	0
104	MP ALPHA1	PX	.001	.001	0	0
105	FACE3	PX	.001	.001	0	0
106	FACE2	PX	.001	.001	0	0
107	FACE1	PX	.000693	.000693	0	0

Member Distributed Loads (BLC 39 : Ice Wind Load (330)) (Continued)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
108	CR3B	PX	.000957	.000957	0	0
109	CR3A	PX	.000957	.000957	0	0
110	CR2B	PX	.000957	.000957	0	0
111	CR2A	PX	.000957	.000957	0	0
112	CR1B	PX	.000957	.000957	0	0
113	CR1A	PX	.000957	.000957	0	0
114	ANGLE2	PX	.000957	.000957	0	0
115	M115A	PY	-.001	-.001	0	0
116	M115A	PX	.000784	.000784	0	0
117	M117	PY	-.001	-.001	0	0
118	M117	PX	.000784	.000784	0	0
119	M120	PY	-.001	-.001	0	0
120	M120	PX	.000784	.000784	0	0

Member Distributed Loads (BLC 43 : BLC 3 Transient Area Loads)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	SUP1B	Z	-.003	-.009	.808	2.425
2	SUP1B	Z	-.009	-.015	2.425	4.041
3	SUP1A	Z	-.009	-.014	0	1.347
4	SUP1A	Z	-.014	-.011	1.347	2.694
5	SUP1A	Z	-.011	-.002	2.694	4.041
6	SUP3B	Z	-.003	-.009	.808	2.425
7	SUP3B	Z	-.009	-.015	2.425	4.041
8	SUP3A	Z	-.009	-.014	0	1.347
9	SUP3A	Z	-.014	-.011	1.347	2.694
10	SUP3A	Z	-.011	-.002	2.694	4.041
11	SUP2B	Z	-.003	-.009	.808	2.425
12	SUP2B	Z	-.009	-.015	2.425	4.041
13	SUP2A	Z	-.002	-.011	0	1.347
14	SUP2A	Z	-.011	-.014	1.347	2.694
15	SUP2A	Z	-.014	-.009	2.694	4.041

Member Distributed Loads (BLC 44 : BLC 27 Transient Area Loads)

	Member Label	Direction	Start Magnitude...	End Magnitude[...	Start Location[ft...	End Location[ft,...
1	SUP1B	Z	-.004	-.013	.808	2.425
2	SUP1B	Z	-.013	-.022	2.425	4.041
3	SUP1A	Z	-.013	-.019	0	1.347
4	SUP1A	Z	-.019	-.016	1.347	2.694
5	SUP1A	Z	-.016	-.003	2.694	4.041
6	SUP3B	Z	-.004	-.013	.808	2.425
7	SUP3B	Z	-.013	-.022	2.425	4.041
8	SUP3A	Z	-.013	-.019	0	1.347
9	SUP3A	Z	-.019	-.016	1.347	2.694
10	SUP3A	Z	-.016	-.003	2.694	4.041
11	SUP2B	Z	-.004	-.013	.808	2.425
12	SUP2B	Z	-.013	-.022	2.425	4.041
13	SUP2A	Z	-.003	-.016	0	1.347
14	SUP2A	Z	-.016	-.019	1.347	2.694
15	SUP2A	Z	-.019	-.013	2.694	4.041

Member Area Loads (BLC 3 : Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N89A	N87A	N90		Z	Two Way	-.01
2	N86A	N91	N88A		Z	Two Way	-.01

Member Area Loads (BLC 3 : Dead Load) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
3	N87B	N89	N91A		Z	Two Way	-.01

Member Area Loads (BLC 27 : Ice Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N89A	N87A	N90		Z	Two Way	-.014
2	N86A	N91	N88A		Z	Two Way	-.014
3	N87B	N89	N91A		Z	Two Way	-.014

Envelope Joint Reactions

	Joint		X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N21	max	1.697	11	1.483	2	.343	2	.285	2	.513	11	2.01	29
2		min	-1.669	29	-4.757	20	-.421	20	-.372	20	-.405	29	-2.053	11
3	N185B	max	4.052	8	2.875	2	.344	26	.449	14	.28	23	1.869	17
4		min	-1.211	26	-1.227	20	-.53	10	-.503	32	-.541	7	-1.917	35
5	N187B	max	1.299	14	2.616	2	.345	14	.481	26	.403	35	1.875	5
6		min	-4.115	32	-1.054	20	-.42	32	-.343	8	-.391	17	-1.913	23
7	N197A	max	.047	23	3.467	21	2.858	21	.715	21	.052	11	.103	5
8		min	-.081	5	.558	2	.461	2	.115	2	-.074	29	-.065	23
9	N202A	max	-.473	26	-.311	26	2.855	9	.011	29	.627	7	.143	31
10		min	-2.986	9	-1.769	10	.463	26	-.345	12	.114	23	-.095	11
11	N207A	max	3.01	33	-.266	14	2.855	33	-.025	11	-.096	17	.105	29
12		min	.493	14	-1.71	33	.463	14	-.379	30	-.61	33	-.077	11
13	Totals:	max	5.058	11	5.128	2	7.898	27						
14		min	-5.058	29	-5.18	20	4.083	8						

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Live Load	DL					1			
2	Wind Load (0)	DL					33	60		
3	Dead Load	DL			-1.1		33		3	
4	Wind Load (30)	DL					66	120		
5	Wind Load (60)	DL					66	120		
6	Wind Load (90)	DL					33	60		
7	Wind Load (120)	DL					66	120		
8	Wind Load (150)	DL					66	120		
9	Wind Load (180)	DL					33	60		
10	Wind Load (210)	DL					66	120		
11	Wind Load (240)	DL					66	120		
12	Wind Load (270)	DL					33	60		
13	Wind Load (300)	DL					66	120		
14	Wind Load (330)	DL					66	120		
15	Maintanence (0)	DL					33	60		
16	Maintanence (30)	DL					66	120		
17	Maintanence (60)	DL					66	120		
18	Maintanence (90)	DL					33	60		
19	Maintanence (120)	DL					66	120		
20	Maintanence (150)	DL					66	120		
21	Maintanence (180)	DL					33	60		
22	Maintanence (210)	DL					66	120		
23	Maintanence (240)	DL					66	120		
24	Maintanence (270)	DL					33	60		
25	Maintanence (300)	DL					66	120		
26	Maintanence (330)	DL					66	120		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
27	Ice Dead Load	DL					33	60	3	
28	Ice Wind Load (0)	DL					33	60		
29	Ice Wind Load (30)	DL					66	120		
30	Ice Wind Load (60)	DL					66	120		
31	Ice Wind Load (90)	DL					33	60		
32	Ice Wind Load (120)	DL					66	120		
33	Ice Wind Load (150)	DL					66	120		
34	Ice Wind Load (180)	DL					33	60		
35	Ice Wind Load (210)	DL					66	120		
36	Ice Wind Load (240)	DL					66	120		
37	Ice Wind Load (270)	DL					33	60		
38	Ice Wind Load (300)	DL					66	120		
39	Ice Wind Load (330)	DL					66	120		
40	Earthquake (x-directi...	DL	-.101				33			
41	Earthquake (y-directi...	DL		-.101			33			
42	Earthquake (z-directi...	DL			-.04		33			
43	BLC 3 Transient Are...	None						15		
44	BLC 27 Transient Ar...	None						15		

Load Combinations

	Description	So...	P...	S...	BLC	Fact..	BLC	Fa..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact...
1	1.4D	Yes	Y		3	1.4																				
2	1.2D + 1.0W(0)	Yes	Y		3	1.2	2	1																		
3	1.2D + 1.0Di + 1...	Yes	Y		3	1.2	27	1	28	1																
4	1.2D + 1.5L + 1....	Yes	Y		3	1.2	1	1.5	15	1																
5	1.2D + 1.0W(30)	Yes	Y		3	1.2	4	1																		
6	1.2D + 1.0Di + 1...	Yes	Y		3	1.2	27	1	29	1																
7	1.2D + 1.5L + 1....	Yes	Y		3	1.2	1	1.5	16	1																
8	1.2D + 1.0W(60)	Yes	Y		3	1.2	5	1																		
9	1.2D + 1.0Di + 1...	Yes	Y		3	1.2	27	1	30	1																
10	1.2D + 1.5L + 1....	Yes	Y		3	1.2	1	1.5	17	1																
11	1.2D + 1.0W(90)	Yes	Y		3	1.2	6	1																		
12	1.2D + 1.0Di + 1...	Yes	Y		3	1.2	27	1	31	1																
13	1.2D + 1.5L + 1....	Yes	Y		3	1.2	1	1.5	18	1																
14	1.2D + 1.0W(120)	Yes	Y		3	1.2	7	1																		
15	1.2D + 1.0Di + 1...	Yes	Y		3	1.2	27	1	32	1																
16	1.2D + 1.5L + 1....	Yes	Y		3	1.2	1	1.5	19	1																
17	1.2D + 1.0W(150)	Yes	Y		3	1.2	8	1																		
18	1.2D + 1.0Di + 1...	Yes	Y		3	1.2	27	1	33	1																
19	1.2D + 1.5L + 1....	Yes	Y		3	1.2	1	1.5	20	1																
20	1.2D + 1.0W(180)	Yes	Y		3	1.2	9	1																		
21	1.2D + 1.0Di + 1...	Yes	Y		3	1.2	27	1	34	1																
22	1.2D + 1.5L + 1....	Yes	Y		3	1.2	1	1.5	21	1																
23	1.2D + 1.0W(210)	Yes	Y		3	1.2	10	1																		
24	1.2D + 1.0Di + 1...	Yes	Y		3	1.2	27	1	35	1																
25	1.2D + 1.5L + 1....	Yes	Y		3	1.2	1	1.5	22	1																
26	1.2D + 1.0W(240)	Yes	Y		3	1.2	11	1																		
27	1.2D + 1.0Di + 1...	Yes	Y		3	1.2	27	1	36	1																
28	1.2D + 1.5L + 1....	Yes	Y		3	1.2	1	1.5	23	1																
29	1.2D + 1.0W(270)	Yes	Y		3	1.2	12	1																		
30	1.2D + 1.0Di + 1...	Yes	Y		3	1.2	27	1	37	1																
31	1.2D + 1.5L + 1....	Yes	Y		3	1.2	1	1.5	24	1																
32	1.2D + 1.0W(300)	Yes	Y		3	1.2	13	1																		
33	1.2D + 1.0Di + 1...	Yes	Y		3	1.2	27	1	38	1																
34	1.2D + 1.5L + 1....	Yes	Y		3	1.2	1	1.5	25	1																

Load Combinations (Continued)

	Description	So...	P...	S...	BLC	Fact..	BLC	Fa..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact...
35	1.2D + 1.0W(330)	Yes	Y		3	1.2	14	1																
36	1.2D + 1.0Di + 1...	Yes	Y		3	1.2	27	1	39	1														
37	1.2D + 1.5L + 1....	Yes	Y		3	1.2	1	1.5	26	1														
38	1.2D + 1.0E(x) +...	Yes	Y		3	1.2	40	1	42	1	1	1												
39	1.2D + 1.0E(y) +...	Yes	Y		3	1.2	41	1	42	1	1	1												
40	1.2D - 1.0E(x) + ...	Yes	Y		3	1.2	40	-1	42	1	1	1												
41	1.2D - 1.0E(y) + ...	Yes	Y		3	1.2	41	-1	42	1	1	1												

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

	Member	Shape	Code Check	Loc[ft]	LC	She...	Loc...	Dir	LC	phi*Pn...	phi*Pn...	phi*M...	phi*M...	...	Eqn
1	CR2B	L3X3X4	.519	2.55	30	.349	.505	y	14	40.396	46.656	1.688	3.756	...	H2-1
2	CR1B	L3X3X4	.518	0	18	.351	2.0...	z	2	40.396	46.656	1.688	3.756	...	H2-1
3	CR3B	L3X3X4	.517	2.55	6	.350	.505	y	26	40.396	46.656	1.688	3.756	...	H2-1
4	CR2A	L3X3X4	.496	2.55	18	.314	.505	z	23	40.396	46.656	1.688	3.756	...	H2-1
5	CR1A	L3X3X4	.494	0	6	.314	2.0...	y	14	40.396	46.656	1.688	3.756	...	H2-1
6	CR3A	L3X3X4	.494	0	30	.314	2.0...	y	2	40.396	46.656	1.688	3.756	...	H2-1
7	MP ALPHA2	PIPE_2.0	.471	2.5	20	.080	2.5		29	14.916	32.13	1.872	1.872	...	H1-1b
8	MP GAMMA2	PIPE_2.0	.467	2.5	8	.083	2.5		17	14.916	32.13	1.872	1.872	...	H1-1b
9	MP BETA2	PIPE_2.0	.466	2.5	32	.082	2.5		5	14.916	32.13	1.872	1.872	...	H1-1b
10	MP BETA1	PIPE_2.0	.441	2	5	.187	5		14	20.867	32.13	1.872	1.872	...	H1-1b
11	MP GAMMA1	PIPE_2.0	.439	2	17	.187	5		26	20.867	32.13	1.872	1.872	...	H1-1b
12	MP ALPHA1	PIPE_2.0	.431	2	29	.188	5		2	20.867	32.13	1.872	1.872	...	H1-1b
13	MP ALPHA3	PIPE_2.0	.377	2.5	20	.136	2.5		5	14.916	32.13	1.872	1.872	...	H1-1b
14	MP BETA3	PIPE_2.0	.375	2.5	32	.136	2.5		17	14.916	32.13	1.872	1.872	...	H1-1b
15	MP GAMMA3	PIPE_2.0	.374	2.5	8	.136	2.5		29	14.916	32.13	1.872	1.872	...	H1-1b
16	MP GAMMA4	PIPE_2.0	.352	1.042	35	.188	3.9...		26	23.809	32.13	1.872	1.872	...	H1-1b
17	MP BETA4	PIPE_2.0	.350	1.042	20	.187	3.9...		14	23.809	32.13	1.872	1.872	...	H1-1b
18	MP ALPHA4	PIPE_2.0	.349	1.042	8	.188	3.9...		2	23.809	32.13	1.872	1.872	...	H1-1b
19	TOPANGLE2	L2.5x2.5x3	.342	1.895	29	.081	0	y	23	25.964	29.192	.873	1.972	...	H2-1
20	SUP3A	L2.5x2.5x3	.338	4.041	27	.030	4.0...	z	27	17.133	29.192	.873	1.965	...	H2-1
21	SUP2A	L2.5x2.5x3	.337	0	15	.030	0	y	15	17.133	29.192	.873	1.965	...	H2-1
22	SUP1A	L2.5x2.5x3	.337	4.041	3	.030	4.0...	z	36	17.133	29.192	.873	1.964	...	H2-1
23	ANGLE2	L2.5x2.5x3	.334	1.895	5	.080	0	y	35	25.964	29.192	.873	1.972	...	H2-1
24	TOPANGLE3	L2.5x2.5x3	.330	1.895	17	.080	0	y	11	25.964	29.192	.873	1.972	...	H2-1
25	SUP1B	L2.5x2.5x3	.309	0	18	.027	0	z	21	17.133	29.192	.873	1.957	...	H2-1
26	SUP2B	L2.5x2.5x3	.308	0	30	.027	0	z	33	17.133	29.192	.873	1.956	...	H2-1
27	SUP3B	L2.5x2.5x3	.308	0	6	.027	0	z	9	17.133	29.192	.873	1.956	...	H2-1
28	RAIL2	PIPE_2.0	.276	6.25	11	.203	10....		14	6.295	32.13	1.872	1.872	...	H1-1b
29	RAIL3	PIPE_2.0	.276	6.25	23	.202	10....		26	6.295	32.13	1.872	1.872	...	H1-1b
30	RAIL1	PIPE_2.0	.275	6.25	35	.203	1.6...		2	6.295	32.13	1.872	1.872	...	H1-1b
31	PLATE4	6x0.375	.236	.146	29	.593	.292	y	32	68.988	72.9	.57	9.113	...	H1-1b
32	PLATE12	6x0.375	.231	.169	32	.570	.169	y	32	67.696	72.9	.57	9.113	...	H1-1b
33	PLATE7	6x0.375	.230	.169	20	.574	.169	y	20	67.696	72.9	.57	9.113	...	H1-1b
34	PLATE2	6x0.375	.227	.146	20	.598	.292	y	20	68.988	72.9	.57	9.113	...	H1-1b
35	PLATE9	6x0.375	.223	.169	8	.570	.169	y	8	67.696	72.9	.57	9.113	...	H1-1b
36	PLATECORNER...	6x0.5	.221	.524	17	.261	.524	y	14	65.136	97.2	1.012	12.15	...	H1-1b
37	PLATE6	6x0.375	.219	.146	5	.594	.292	y	8	68.988	72.9	.57	9.113	...	H1-1b
38	PLATECORNER...	6x0.5	.218	.524	5	.261	.524	y	2	65.136	97.2	1.012	12.15	...	H1-1b
39	PLATECORNER...	6x0.5	.212	.524	29	.260	.524	y	26	65.136	97.2	1.012	12.15	...	H1-1b
40	PLATE5	6x0.375	.188	.146	11	.489	0	y	12	68.988	72.9	.57	9.113	...	H1-1b
41	SO1	HSS4X4X4_HRA	.178	2.162	13	.081	.162	z	2	124.655	139.518	16.181	16.181	...	H1-1b
42	PLATE1	6x0.375	.174	.146	23	.490	0	y	24	68.988	72.9	.57	9.113	...	H1-1b
43	SO3	HSS4X4X4_HRA	.172	2.162	21	.082	5.1...	y	11	124.655	139.518	16.181	16.181	...	H1-1b
44	SO2	HSS4X4X4_HRA	.171	2.162	36	.081	.162	z	26	124.655	139.518	16.181	16.181	...	H1-1b
45	PLATE3	6x0.375	.171	.146	35	.488	0	y	36	68.988	72.9	.57	9.113	...	H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	She...	Loc...	Dir	LC	phi*Pn...	phi*Pn...	phi*M...	phi*M...	...	Eqn
46	PLATE10	6x0.375	.164	.169	20	.507	.169	y	24	67.696	72.9	.57	9.113	...	H1-1b
47	PLATE8	6x0.375	.164	.169	8	.507	.169	y	12	67.696	72.9	.57	9.113	...	H1-1b
48	FACE3	PIPE_3.0	.158	6.25	18	.111	11....		26	28.251	65.205	5.749	5.749	...	H1-1b
49	FACE2	PIPE_3.0	.158	6.25	6	.112	11....		14	28.251	65.205	5.749	5.749	...	H1-1b
50	FACE1	PIPE_3.0	.157	6.25	30	.111	.521		2	28.251	65.205	5.749	5.749	...	H1-1b
51	PLATE11	6x0.375	.155	.169	32	.505	.169	y	36	67.696	72.9	.57	9.113	...	H1-1b
52	M117	LL2.5x2.5x3x6	.113	0	4	.008	0	z	32	43.54	58.32	4.643	2.55	...	H1-1b
53	PLATECORNER...	6x0.5	.109	0	20	.709	0	y	14	94.068	97.2	1.012	12.15	...	H1-1b
54	PLATECORNER...	6x0.5	.109	.3	20	.587	.3	y	26	94.068	97.2	1.012	12.15	...	H1-1b
55	PLATECORNER...	6x0.5	.108	0	8	.708	0	y	2	94.068	97.2	1.012	12.15	...	H1-1b
56	PLATECORNER...	6x0.5	.107	.3	8	.585	.3	y	14	94.068	97.2	1.012	12.15	...	H1-1b
57	PLATECORNER...	6x0.5	.106	0	32	.706	0	y	26	94.068	97.2	1.012	12.15	...	H1-1b
58	PLATECORNER...	6x0.5	.105	.3	32	.587	.3	y	2	94.068	97.2	1.012	12.15	...	H1-1b
59	M115A	LL2.5x2.5x3x6	.103	3.561	21	.007	0	z	8	43.54	58.32	4.643	2.55	...	H1-1...
60	M120	LL2.5x2.5x3x6	.103	3.561	33	.008	0	z	20	43.54	58.32	4.643	2.55	...	H1-1...

APPENDIX E

Manufacture Specification Sheets

POD
POWER OF DESIGN

POD Job #	**20-65647**
Site Number	**5800059**
Site Name	**HA332/WASTE STATION**

Calculations Based on *TIA-222-H*

Reactions from RISA-3D

Moment	2.053	ft-kip
Axial	1.697	kips
Shear	1.75	kips

Capacities

Bolts	*4.0%*
Flange Plate	*30.6%*

Bolt Information

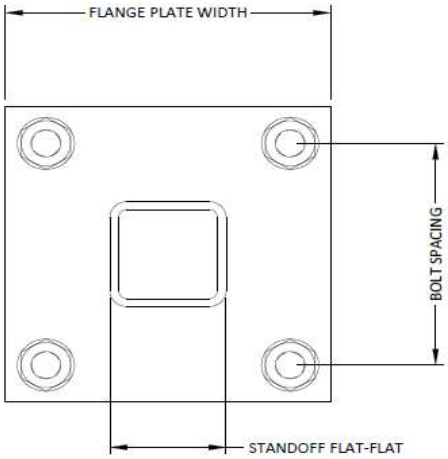
Grade	A325	
Threads in Shear Plane	Included	
Diameter	0.5	in.
Bolt Spacing	6	in.
Number of Rods	4	

Flange Plate Inforation

Width	8	in.
Thickness	0.5	in.
Grade	A36	

Standoff Information

Standoff Member	HSS	
Flat-Flat	4	in.
Thickness	0.25	in.



Bolt Calculations

ϕ	0.75	
A_{nt}	0.142	in^2
A_b	0.196	in^2
Fu	120	ksi
ϕR_{nV}	8.84	kips
ϕR_{nt}	12.77	kips
V	0.44	kips
F	2.47	kips
Capacity	4.0%	

Flange Plate Calculations

ϕ	0.9	
Fy	36	ksi
t_{min}	0.15	in
Z	0.5	in^3
ϕM_n	16.2	in-kip
M_u	4.9	in-kip
Capacity	30.6%	

Ver 1.0 - 3/5/2019

APPENDIX F

Mount Modification Design Drawings

CROWN CASTLE

SITE:

5800059 RIDGE ROAD, MADISON (CTHA332C)

MODIFICATION DRAWING FOR AN EXISTING 12.5' LOW PROFILE PLATFORM AT 148' ON A 150' MONOPOLE TOWER

SHEET INDEX	
T-01	TITLE SHEET
N-01	NOTES
S-01	PLAN VIEW
S-02	ELEVATION VIEW
MI-01	MODIFICATION CHECKLIST

PROJECT INFORMATION	
COUNTY:	NEW HAVEN
SITE ADDRESS:	258 RIDGE ROAD MADISON, CT 06433
LATITUDE:	41° 18' 33.30"
LONGITUDE:	-72° 36' 51.57"

SCOPE OF WORK:

MOUNT MODIFICATION DRAWINGS INCLUDES:
INSTALL PROPOSED HANDRAIL KIT AND KICKER KIT

PLANS PREPARED FOR:
CROWN CASTLE

PLANS PREPARED BY:
POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:
T-Mobile

MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:
RIDGE ROAD, MADISON
(CTHA332C)

258 RIDGE ROAD
MADISON, CT 06433

SITE NUMBER:
5800059

POD NUMBER: 20-65647

DRAWN BY: TAJ
CHECKED BY: JGC
DATE: 06/19/2020

SHEET TITLE:
TITLE SHEET

T-01

GENERAL NOTES

1. THE MODIFICATIONS REPRESENTED IN THESE DRAWINGS ARE BASED ON THE STRUCTURAL DOCUMENTS PROVIDED IN THE STRUCTURAL DOCUMENTS TABLE. THE CONTRACTOR SHALL OBTAIN AND BECOME FAMILIAR WITH ALL REFERENCED DOCUMENTS.

REFERENCE DOCUMENTS	
DOCUMENT TYPE	DESIGNATION
MOUNT ANALYSIS	POD PROJECT NUMBER: 20-65183 DATED: 06/12/2020

2. ALL MODIFICATIONS MUST BE INSTALLED TO BRING THE TOWER INTO CONFORMANCE WITH ALL APPLICABLE CODES.

GOVERNING CODES	TIA-222-H & 2018 CONNECTICUT BC
ULTIMATE WIND SPEED	130 MPH 3 SECOND GUST
RADIAL ICE THICKNESS	1"
WIND SPEED W/ ICE	50 MPH 3 SECOND GUST
STRUCTURE CLASS	II
EXPOSURE CATEGORY	B
TOPOGRAPHIC CATEGORY	1
SPECTRAL RESPONSE ACCELERATIONS	SS= 0.172 & S1= 0.060

3. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE OR APPROVED BY THE EOR. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE PERFORMING WORK SIMILAR TO THAT DESCRIBED WITHIN THESE DRAWINGS. BY ACCEPTANCE OF THIS PROJECT, THE CONTRACTOR IS ATTESTING THAT HE HAS SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND REGISTERED TO PERFORM THE WORK IN THE PROJECT JURISDICTION.
4. WORK SHALL ONLY BE PERFORMED DURING CALM, DRY DAYS [WINDS LESS THAN 10XMPH]. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE INSTILLATION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OR MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR TIEXDOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
5. ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATIONS. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND EOR. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE EOR SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES AND PROCEDURES.
6. THE DESIGN WITHIN THESE DRAWINGS ASSUMES THE TOWER AND ITS FOUNDATIONS HAVE BEEN WELL MAINTAINED, IN GOOD CONDITION AND ARE WITHOUT DEFECT. BENT MEMBERS, CORRODED MEMBER, LOOSE BOLTS, CRACKED WELDS, AND OTHER STRUCTURAL DEFECTS HAVE NOT BEEN CONSIDERED UNLESS SPECIFICALLY NOTED. THE TOWER IS ASSUMED TO BE PLUMB AND THE SITE IS ASSUMED LEVEL. THE OWNER AND/OR EOR SHALL BE NOTIFIED IMMEDIATELY IF ANY VARIANCES ARE FOUND.
7. THE CONTRACTOR SHALL ONLY WORK WITHIN THE LIMITS OF THE TOWER OWNER'S PROPERTY, LEASE AREA OR APPROVED EASEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY WORK IS PERFORMED WITHIN THESE BOUNDARIES. CONSTRUCTION STAKING AND BOUNDARY MARKING IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY A SURVEYOR AS REQUIRED. ANY WORK OUTSIDE THESE BOUNDARIES SHALL BE APPROVED IN WRITING BY THE OWNER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAIN AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT ALL WORK PERFORMED COMPLIES WITH ALL APPLICATION SAFETY CODES AND GOVERNING REGULATIONS.
9. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULES AND MATERIAL DELIVERIES, WITH THE OWNER/RESIDENT LEASING AGENT FOR APPROVAL.
10. THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR THIS PROJECT FROM ALL APPLICABLE GOVERNING AGENCIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
11. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDED BUT NOT LIMITED TO ALTERED SIZED AND/OR STRENGTHS, MUST BE APPROVED BY THE EOR.
12. UNLESS NOTED OTHERWISE, ALL NEW MEMBERS SHALL MAINTAIN THE EXISTING MEMBER WORKING LINES AND NOT INTRODUCE ECCENTRICITIES INTO THE STRUCTURE.
13. ALL DIMENSIONS AND QUANTITIES LISTED WITHIN THESE DRAWINGS ARE INTENDED TO AID THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY ALL DIMENSION AND QUANTITIES PRIOR TO BIDDING AND/OR ORDERING MATERIALS.
14. ALL MANUFACTURERS' INSTRUCTIONS SHALL BE FOLLOWED EXACTLY. ANY DEVIATION REQUIRES WRITTEN APPROVAL FROM THE EOR.
15. THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARILY REMOVING COAX, BRACKETS, ANTENNAS MOUNTS AND ANY OTHER TOWER APPURTENANCE THAT MAY INTERFERE WITH THE INSTILLATION OF THE TOWER MODIFICATIONS. ALL TOWER APPURTENANCES MUST BE REPLACE AND/OR RESTORED TO ITS ORIGINAL LOCATION. SOME MOUNTS OR ATTACHMENTS MAY REQUIRE CUSTOM MODIFICATION TO PROPERLY FIT THE MODIFIED REGION OF THE STRUCTURE. THESE CUSTOM MOUNTS OR ATTACHMENTS ARE DESIGNED BY OTHERS AND MUST BE APPROVED BY THE OWNER/EOR PRIOR TO REMOVAL. ANY CARRIER DOWNTIME MUST BE COORDINATED WITH THE OWNER IN WRITING.
16. DO NOT SCALE DRAWINGS.

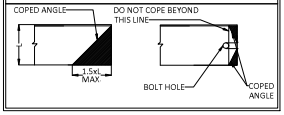
STRUCTURAL STEEL NOTES

1. ALL DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATIONS, LATEST EDITION.
2. ALL STRUCTURAL STEEL ELEMENTS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS.

MATERIAL SPECIFICATIONS	
ANGLES	ASTM A36 (36 KSI YIELD STRENGTH)
PIPES	ASTM A53 GR.B (35 KSI YIELD STRENGTH)
BOLTS	ASTM A325N
NUTS	ASTM A563
WASHER	ASTM F436
PLATE	ASTM A36 (36 KSI YIELD STRENGTH)
U-BOLTS	ASTM A307

3. ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE FABRICATOR IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST EDITION.
4. CAULKING SHALL BE PROVIDED AROUND PERIMETER OF ANY AND ALL MODIFICATION MEMBERS TO ENSURE COMPLETE SEAL BETWEEN EXISTING STRUCTURE AND REINFORCING MEMBERS IN FULL CONTACT WITH EXISTING STEEL. SEALANT IS TO BE EXTERIOR GRADE, PAINTABLE SILICONE CAULKING AS MANUFACTURED BY DOW AND ACCEPTABLE TO EOR.
5. HOLES SHALL NOT BE FLAME CUT THROUGH STEEL UNLESS APPROVED BY THE EOR.
6. ALL EXPOSED STEEL SHALL BE HOTXDIPPED GALVANIZED PER ASTM A123, ASTM A153/A153M, OR ASTM A653 G90, AS APPLICABLE FOR FULL WEATHER PROTECTION. FOR HIGH STRENGTH STEEL FASTENERS WHERE HOTXDIPPED GALVANIZING IS NOT PERMITTED DACROMET F1136 GRADE 3 COATING SHALL BE USED. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING TOWER STEEL. CONTRACTOR SHALL OBTAIN EOR APPROVAL FOR STEEL PROTECTION BY ANY OTHER MEANS.
7. REPAIR DANAGED PAINTED/GALVANIZED SURFACES WITH TWO COATS OF BRUSH OR ROLL ON ZRC COLD GALVANIZING COMPOUND OR EOR APPROVED COATING. SURFACES MUST BE WIRE BRUSHED AND SOLVENT CLEANED PRIOR TO APPLICATION OF GALVANIZING COMPOUND.
8. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES [LOCKING NUT/PAL NUT] TO BE INSTALLED IN ACCORDANCE WITH TIA/EIAX222 REQUIREMENTS.
9. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT BE AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.

ALLOWABLE ANGLE COPE



1. ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
2. THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENT.

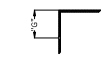
BOLT SCHEDULE

BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	SPACING
1/2	9/16	9/16x11/16	7/8	1-1/2
5/8	11/16	11/16x7/8	1-1/8	1-7/8
3/4	13/16	13/16x1	1-1/4	2-1/4
7/8	15/16	15/16x1-1/8	1-1/2	2-5/8
1	1-1/16	1-1/16x1-5/16	1-3/4	3

- DIMENSIONS GIVEN IN INCHES.
- SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED ON THE PLANS.

WORKABLE GAGES

LEG	2-1/2	----	----
G	1-3/8	----	----



- DIMENSIONS GIVEN IN INCHES.
- MATCH EXISTING WHEN APPLICABLE.

PLANS PREPARED FOR:

CROWN CASTLE

PLANS PREPARED BY:

POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:

T-Mobile

DRAWING NOTICE:

MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:

RIDGE ROAD, MADISON (CTHA332C)

258 RIDGE ROAD
MADISON, CT 06433

SITE NUMBER:

5800059

POD NUMBER:	20-65647
DRAWN BY:	TAJ
CHECKED BY:	JGC
DATE:	06/19/2020

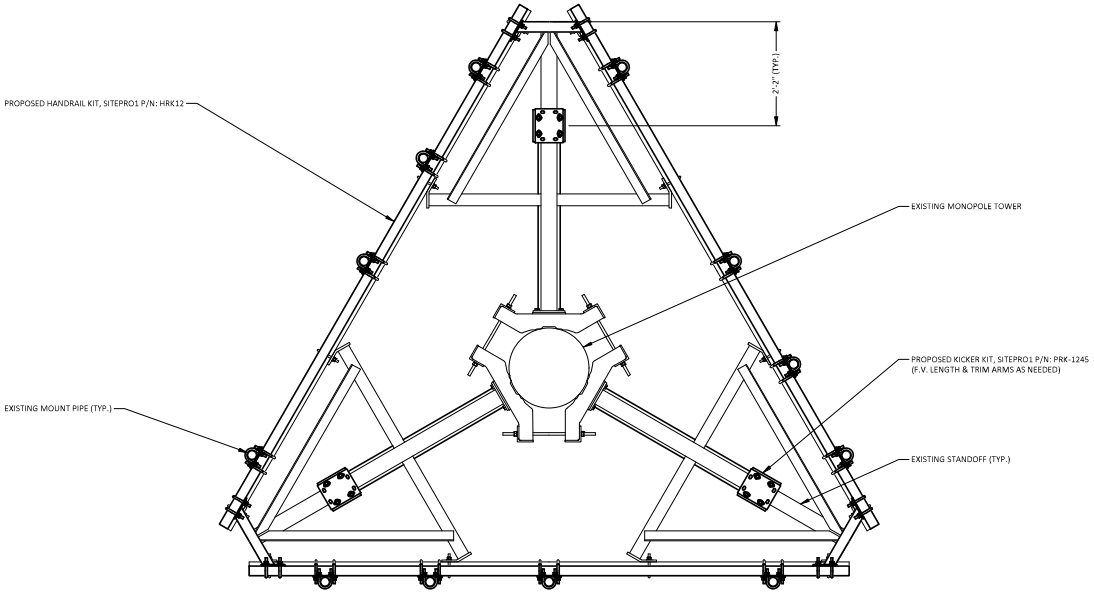
SHEET TITLE:

NOTES

N-01

NOTES:

- ANTENNAE & GRATING NOT SHOWN FOR CLARITY
- ALL FIELD DRILLED HOLES SHALL BE SOLVENT CLEANED AND TOUCHED UP WITH TWO COATS OF ZRC RICH PAINT
- EXCESS MATERIALS SHALL BE REMOVED AND DISPOSED OFF SITE BY THE CONTRACTOR



PLAN VIEW

1/2" = 1'-0"

PLANS PREPARED FOR:

CROWN CASTLE

PLANS PREPARED BY:

POD
POWER OF DESIGN

1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
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SHEET TITLE:

PLAN VIEW

S-01

NOTES:
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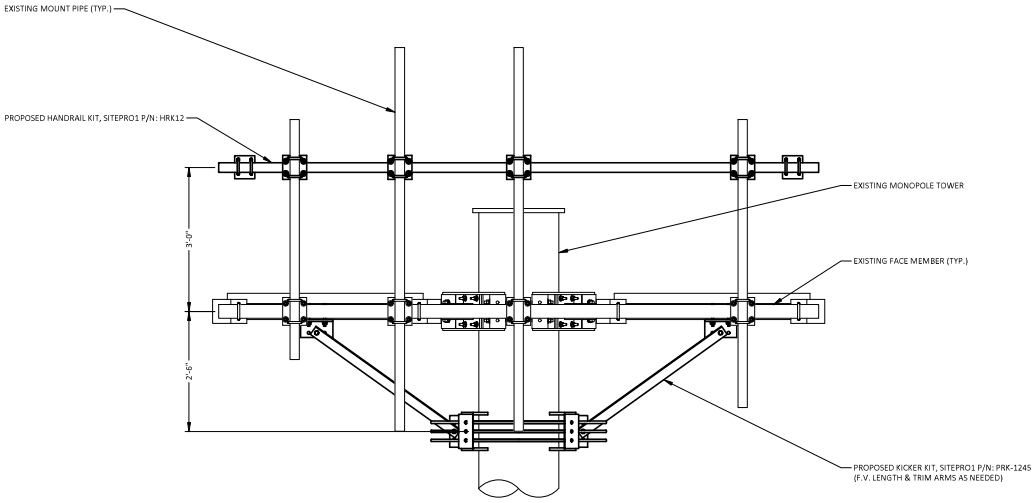
- EXCESS MATERIALS SHALL BE REMOVED AND DISPOSED OFF SITE BY THE CONTRACTOR



ELEVATION VIEW
1/2" = 1'-0"

PLANS PREPARED FOR:
CROWN CASTLE

PLANS PREPARED BY:
POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:
T-Mobile

MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:
RIDGE ROAD, MADISON
(CTHA332C)

258 RIDGE ROAD
MADISON, CT 06433

SITE NUMBER:
5800059

POD NUMBER: 20-65647

DRAWN BY: TAJ
CHECKED BY: JGC
DATE: 06/19/2020

SHEET TITLE:
ELEVATION VIEW

S-02

MODIFICATION INSPECTION CHECKLIST

BEFORE CONSTRUCTION		DURING CONSTRUCTION		AFTER CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM	CONSTRUCTION/INSTALLATION INSPECTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM	CONSTRUCTION/INSTALLATION INSPECTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
X	MODIFICATION INSPECTION CHECKLIST DWG	X	CONSTRUCTION INSPECTION	X	MODIFICATION INSPECTOR REDLINE OR RECORD DRAWING(S)
-	ENGINEER OF RECORD APPROVED SHOP DRAWINGS	-	FOUNDATION INSPECTION	-	POST INSTALLED ANCHOR ROD PULL-OUT TESTING
-	FABRICATION INSPECTION	-	CONCRETE COMP. STRENGTH AND SLUMP TEST	X	PHOTOGRAPHS
X	MATERIAL TEST REPORT	-	POST INSTALLED ANCHOR ROD VERIFICATION	ADDITIONAL TESTING AND INSPECTION	
-	FABRICATOR NDE INSPECTION	-	BASE PLATE GROUT VERIFICATION		
-	NDE REPORT OF MONOPOLE BASEPLATE (AS REQUIRED)	-	THIRD PARTY CERTIFIED WELD INSPECTION		
X	PACKING SLIP	-	EARTHWORK LIFT AND DENSITY (REPORT REQUIRED)		
ADDITIONAL TESTING AND INSPECTION		X	ON SITE COLD GALVANIZING VERIFICATION		
		-	GUY WIRE TENSION REPORT		
		X	GC AS-BUILT DOCUMENTS		
		ADDITIONAL TESTING AND INSPECTION			

MODIFICATION INSPECTION NOTES:

GENERAL:

1. THE MODIFICATION INSPECTION IS A VISUAL INSPECTION OF TOWER MODIFICATION AND A REVIEW OF CONSTRUCTION INSPECTION AND OTHER REPORTS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. NAMELY THE MODIFICATION DRAWINGS., AS DESIGNED BY THE ENGINEER OF RECORD.
2. THE MODIFICATION INSPECTION IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AN IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF. NOR DOES THE MODIFICATION INSPECTOR TAKE OWNERSHIP OF THE MODIFICATION DESIGN. OWNERSHIP OF THE STRUCTURAL MODIFICATION DESIGN EFFECTIVENESS AND INTENT RESIDES WITH THE ENGINEER OF RECORD AT ALL TIMES.
3. TO ENSURE THAT THE REQUIREMENT OF THE MODIFICATION INSPECTION ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MODIFICATION INSPECTOR BEGIN COMMUNICATION AND COORDINATING AS SOON AS A PO OR PAYMENT IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY.

MODIFICATION INSPECTOR:

1. THE MODIFICATION INSPECTOR IS REQUIRED TO CONTACT THE GC AS SOON AS RECEIVING A PO OR PAYMENT FOR THE MODIFICATION INSPECTION TO:
   - REVIEW THE REQUIREMENT OF THE MODIFICATION INSPECTION CHECKLIST
   - WORK WITH THE GC TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE INSPECTIONS
   - DISCUSS ANY SITE SPECIFIC INSPECTIONS OR CONCERNS
2. THE MODIFICATION INSPECTOR IS RESPONSIBLE FOR COLLECTING ALL GENERAL CONTRACTOR (GC) INSPECTION AND TEST REPORTS. REVIEWING THE DOCUMENTS FOR ADHERENCE TO THE CONTRACT DOCUMENTS, CONDUCTING THE INXFEILD INSPECTIONS, AND SUBMITTING THE MODIFICATION INSPECTION REPORT.

GENERAL CONTRACTOR:

1. THE GC IS REQUIRED TO CONTACT THE MODIFICATION INSPECTOR AS SOON AS RECEIVING A PO OR PAYMENT FOR THE MODIFICATION INSTALLATION OR TURNKEY PROJECT TO:
   - REVIEW THE REQUIREMENT OF THE MODIFICATION INSPECTION CHECKLIST
   - WORK WITH THE MI INSPECTOR TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE MODIFICATION INSPECTIONS, INCLUDING FOUNDATION INSPECTIONS
   - BETTER UNDERSTAND ALL INSPECTION AND TESTING REQUIREMENTS
2. THE GC SHALL PERFORM AND RECORD THE TEST AND INSPECTION RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE MODIFICATION INSPECTION CHECKLIST.

RECOMMENDATIONS:

1. IT IS SUGGESTED THAT THE GC PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, TO THE MODIFICATION INSPECTOR AS TO WHEN THE SITE WILL BE READY FOR HE MODIFICATION INSPECTION TO BE CONDUCTED.
   - THE GC AND MODIFICATION INSPECTION COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.
   - WHEN POSSIBLE IT IS PREFERRED TO HAVE THE MODIFICATION INSPECTOR AND GC ON-SITE SIMULTANEOUSLY FOR ANY GUY WIRE TENSIONING OR RETENSIONING OPERATIONS.
   - IT MAY BE BENEFICIAL TO INSTALL ALL TOWER MODIFICATIONS PRIOR TO CONDUCTING THE FOUNDATION INSPECTION TO ALLOW FOUNDATION AND MODIFICATION INSPECTION(S) DONE IN ONE SITE VISIT.
   - WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MODIFICATION INSPECTOR ON-SITE DURING THE MODIFICATION INSPECTION. THEREFORE, THE GC MAY CHOOSE TO COORDINATE THE MODIFICATION INSPECTION CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES AT THEIR DISPOSAL WHEN THE MI INSPECTOR IS ON SITE.

CANCELLATION OR DELAYS IN SCHEDULED MODIFICATION INSPECTION:

1. IF THE GC AND MODIFICATION INSPECTOR AGREE TO A DATE ON WHICH THE MODIFICATION INSPECTION WILL BE CONDUCTED, AND EITHER ARTY CANCELS OR DELAYS, THE TOWER OWNER SHALL NOT BE RESPONSIBLE FOR ANY COSTS, FEES, LOSS OR DEPOSITS AND/OR OTHER PENALTIES RELATE TO THE CANCELLATION OR DELAY INCURRED BY EITHER PARTY FOR ANY TIME. EXCEPTIONS MAY BE MADE IN THE DELAY/ CANCELLATION IS CAUSED BY WEATHER OR OTHER CONDITIONS THAT MAY COMPROMISE THE SAFETY OF THE PARTIES INVOLVED.

CORRECTION OF FAILING MODIFICATION INSPECTION:

1. IF THE MODIFICATION INSTALLATION WOULD FAIL THE MODIFICATION INSPECTION ("FAILED MODIFICATION INSPECTION"), THE GC SHALL WORK WITH MODIFICATION INSPECTOR TO COORDINATE A REMEDIATION PLAN IN ONE OF TWO WAYS:
   - CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A SUPPLEMENT MODIFICATION INSPECTION. OR, WITH TOWER OWNER'S APPROVAL, THE GC MAY WORK WITH THE ENGINEER OF RECORD TO REXANALYZE THE MODIFCATION/REINFORCEMENT USING AS-BUILT CONDITION.

VERIFICATION INSPECTIONS:

1. TOWER OWNER RESERVES THE RIGHT TO CONDUCT A VERIFICATION INSPECTION TO VERIFY THE ACCURACY AND COMPLETENESS OF PREVIOUSLY COMPLETED MODIFICATION AND INSPECTION(S) ON TOWER MODIFICATION PRODUCTS.
2. VERIFICATION INSPECTION MAY BE CONDUCTED BY AN INDEPENDENT FIRM AFTER A MODIFICATION PROJECT IS COMPLETED, AS MARKED BY THE DATE OF AN ACCEPTED "PASSING MODIFICATION INSPECTION MODIFICATION INSPECTION" REPORT FOR THE ORIGINAL PROJECT.

REQUIRED PHOTOS:

1. BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS ARE TO BE TAKEN AND INCLUDED IN THE MODIFICATION INSPECTION REPORT:
   - PREXCONSTRUCTION GENERAL SITE CONDITION
   - PHOTOGRAPHS DURING THE REINFORCEMENT MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION
     - RAW MATERIALS
     - PHOTOS OF ALL CRITICAL DETAILS
     - WELD PREPARATION
     - FOUNDATION MODIFICATION
     - BOLT INSTALLATION AND TORQUE
     - FINAL INSTALLED CONDITION
     - SURFACE COATING REPAIR
   - POST CONDITION PHOTOGRAPHS
   - FINAL INFIELD CONDITION ANY OTHER PHOTOS DEEMED RELEVANT TO SHOW COMPLETE DENTALS OF MODIFICATIONS
2. PHOTOS OF ELEVATED MODIFICATIONS TAKEN FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.

PLANS PREPARED FOR:

CROWN CASTLE

PLANS PREPARED BY:

POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:

T-Mobile

MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:

RIDGE ROAD, MADISON (CTHA332C)

258 RIDGE ROAD
MADISON, CT 06433

SITE NUMBER:

5800059

POD NUMBER: 20-65647

DRAWN BY: TAJ
CHECKED BY: JGC
DATE: 06/19/2020

SHEET TITLE:

MODIFICATION CHECKLIST

MI-01

Exhibit F

Power Density/RF Emissions Report

EBI Consulting

environmental | engineering | due diligence

RADIO FREQUENCY EMISSIONS ANALYSIS REPORT
EVALUATION OF HUMAN EXPOSURE POTENTIAL TO NON-IONIZING EMISSIONS

T-Mobile Existing Facility

Site ID: CTHA332C

HA332/Waste Station
258 Ridge Road
Madison, Connecticut 06443

July 29, 2020

Site Compliance Summary	
Compliance Status:	**COMPLIANT**
Site total MPE% of FCC general population allowable limit:	**15.37%**

21 B Street, Burlington, MA 01803 · Tel: (781) 273.2500 · Fax: (781) 273.3311

July 29, 2020

T-Mobile
Attn: Jason Overbey, RF Manager
35 Griffin Road South
Bloomfield, Connecticut 06002

Emissions Analysis for Site: CTHA332C - HA332/Waste Station

EBI Consulting was directed to analyze the proposed T-Mobile facility located at **258 Ridge Road** in **Madison, Connecticut** for the purpose of determining whether the emissions from the Proposed T-Mobile Antenna Installation located on this property are within specified federal limits.

All information used in this report was analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter ($\mu W/cm^2$). The number of $\mu W/cm^2$ calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits; therefore, it is necessary to report results and limits in terms of percent MPE rather than power density.

All results were compared to the FCC (Federal Communications Commission) radio frequency exposure rules, 47 CFR 1.1307(b)(1) – (b)(3), to determine compliance with the Maximum Permissible Exposure (MPE) limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general population may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general population would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Public exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter ($\mu W/cm^2$). The general population exposure limits for the 600 MHz and 700 MHz frequency bands are approximately 400 $\mu W/cm^2$ and 467 $\mu W/cm^2$, respectively. The general population exposure limit for the 1900 MHz (PCS), 2100 MHz (AWS) and 11 GHz frequency bands is 1000 $\mu W/cm^2$. Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report percent of MPE rather than power density.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Additional details can be found in FCC OET 65.

CALCULATIONS

Calculations were done for the proposed T-Mobile Wireless antenna facility located at 258 Ridge Road in Madison, Connecticut using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. Since T-Mobile is proposing highly focused directional panel antennas, which project most of the emitted energy out toward the horizon, all calculations were performed assuming a lobe representing the maximum gain of the antenna per the antenna manufacturer's supplied specifications, minus 10 dB for directional panel antennas and 20 dB for highly focused parabolic microwave dishes, was focused at the base of the tower. For this report, the sample point is the top of a 6-foot person standing at the base of the tower.

For all calculations, all equipment was calculated using the following assumptions:

1) 2 LTE channels (600 MHz Band) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel.

2) 1 NR channel (600 MHz Band) was considered for each sector of the proposed installation. This Channel has a transmit power of 80 Watts.

3) 2 LTE channels (700 MHz Band) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel.

4) 4 GSM channels (PCS Band - 1900 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel.

5) 4 LTE channels (PCS Band - 1900 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 60 Watts per Channel.

6) 2 UMTS channels (AWS Band - 2100 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel.

7) 2 LTE channels (AWS Band – 2100 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 60 Watts per Channel.

8) 2 LTE channels (BRS Band - 2500 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

9) 2 NR channels (BRS Band - 2500 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

10) All radios at the proposed installation were considered to be running at full power and were uncombined in their RF transmissions paths per carrier prescribed configuration. Per FCC OET Bulletin No. 65 - Edition 97-01 recommendations to achieve the maximum anticipated value at each sample point, all power levels emitting from the proposed antenna installation are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.

11) For the following calculations, the sample point was the top of a 6-foot person standing at the base of the tower. The maximum gain of the antenna per the antenna manufacturer's supplied specifications, minus 10 dB for directional panel antennas and 20 dB for highly focused parabolic microwave dishes, was used in this direction. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.

12) The antennas used in this modeling are the Ericsson AIR 21 for the 1900 MHz / 2100 MHz channel(s), the RFS APXVAARR24_43-U-NA20 for the 600 MHz / 600 MHz / 700 MHz / 1900 MHz channel(s), the Ericsson AIR 6449 for the 2500 MHz / 2500 MHz channel(s), the Ericsson AIR 32 for the 1900 MHz / 2100 MHz channel(s) in Sector A, the Ericsson AIR 21 for the 1900 MHz / 2100 MHz channel(s), the RFS APXVAARR24_43-U-NA20 for the 600 MHz / 600 MHz / 700 MHz / 1900 MHz channel(s), the Ericsson AIR 6449 for the 2500 MHz / 2500 MHz channel(s), the Ericsson AIR 32 for the 1900 MHz / 2100 MHz channel(s) in Sector B, the Ericsson AIR 21 for the 1900 MHz / 2100 MHz channel(s), the RFS APXVAARR24_43-U-NA20 for the 600 MHz / 600 MHz / 700 MHz / 1900 MHz channel(s), the Ericsson AIR 6449 for the 2500 MHz / 2500 MHz channel(s), the Ericsson AIR 32 for the 1900 MHz / 2100 MHz channel(s) in Sector C. This is based on feedback from the carrier with regard to anticipated antenna selection. All Antenna gain values and associated transmit power levels are shown in the Site Inventory and Power Data table below. The maximum gain of the antenna per the antenna manufacturer's supplied specifications, minus 10 dB for directional panel antennas and

20 dB for highly focused parabolic microwave dishes, was used for all calculations. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.

13) The antenna mounting height centerline of the proposed antennas is 150 feet above ground level (AGL).

14) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves.

15) All calculations were done with respect to uncontrolled / general population threshold limits.

T-Mobile Site Inventory and Power Data

Sector:	A	Sector:	B	Sector:	C
Antenna #:	1	Antenna #:	1	Antenna #:	1
Make / Model:	Ericsson AIR 21	Make / Model:	Ericsson AIR 21	Make / Model:	Ericsson AIR 21
Frequency Bands:	1900 MHz / 2100 MHz	Frequency Bands:	1900 MHz / 2100 MHz	Frequency Bands:	1900 MHz / 2100 MHz
Gain:	15.35 dBd / 15.35 dBd	Gain:	15.35 dBd / 15.35 dBd	Gain:	15.35 dBd / 15.35 dBd
Height (AGL):	150 feet	Height (AGL):	150 feet	Height (AGL):	150 feet
Channel Count:	6	Channel Count:	6	Channel Count:	6
Total TX Power (W):	180 Watts	Total TX Power (W):	180 Watts	Total TX Power (W):	180 Watts
ERP (W):	6,169.82	ERP (W):	6,169.82	ERP (W):	6,169.82
Antenna A1 MPE %:	**0.99%**	Antenna B1 MPE %:	**0.99%**	Antenna C1 MPE %:	**0.99%**
Antenna #:	2	Antenna #:	2	Antenna #:	2
Make / Model:	RFS APXVAARR24_43-U-NA20	Make / Model:	RFS APXVAARR24_43-U-NA20	Make / Model:	RFS APXVAARR24_43-U-NA20
Frequency Bands:	600 MHz / 600 MHz / 700 MHz / 1900 MHz	Frequency Bands:	600 MHz / 600 MHz / 700 MHz / 1900 MHz	Frequency Bands:	600 MHz / 600 MHz / 700 MHz / 1900 MHz
Gain:	12.95 dBd / 12.95 dBd / 13.35 dBd / 15.65 dBd	Gain:	12.95 dBd / 12.95 dBd / 13.35 dBd / 15.65 dBd	Gain:	12.95 dBd / 12.95 dBd / 13.35 dBd / 15.65 dBd
Height (AGL):	150 feet	Height (AGL):	150 feet	Height (AGL):	150 feet
Channel Count:	7	Channel Count:	7	Channel Count:	7
Total TX Power (W):	320 Watts	Total TX Power (W):	320 Watts	Total TX Power (W):	320 Watts
ERP (W):	8,466.41	ERP (W):	8,466.41	ERP (W):	8,466.41
Antenna A2 MPE %:	**2.25%**	Antenna B2 MPE %:	**2.25%**	Antenna C2 MPE %:	**2.25%**
Antenna #:	3	Antenna #:	3	Antenna #:	3
Make / Model:	Ericsson AIR 6449	Make / Model:	Ericsson AIR 6449	Make / Model:	Ericsson AIR 6449
Frequency Bands:	2500 MHz / 2500 MHz	Frequency Bands:	2500 MHz / 2500 MHz	Frequency Bands:	2500 MHz / 2500 MHz
Gain:	22.05 dBd / 22.05 dBd	Gain:	22.05 dBd / 22.05 dBd	Gain:	22.05 dBd / 22.05 dBd
Height (AGL):	150 feet	Height (AGL):	150 feet	Height (AGL):	150 feet
Channel Count:	4	Channel Count:	4	Channel Count:	4
Total TX Power (W):	160 Watts	Total TX Power (W):	160 Watts	Total TX Power (W):	160 Watts
ERP (W):	25,651.93	ERP (W):	25,651.93	ERP (W):	25,651.93
Antenna A3 MPE %:	**4.10%**	Antenna B3 MPE %:	**4.10%**	Antenna C3 MPE %:	**4.10%**
Antenna #:	4	Antenna #:	4	Antenna #:	4
Make / Model:	Ericsson AIR 32	Make / Model:	Ericsson AIR 32	Make / Model:	Ericsson AIR 32
Frequency Bands:	1900 MHz / 2100 MHz	Frequency Bands:	1900 MHz / 2100 MHz	Frequency Bands:	1900 MHz / 2100 MHz
Gain:	15.35 dBd / 15.85 dBd	Gain:	15.35 dBd / 15.85 dBd	Gain:	15.35 dBd / 15.85 dBd
Height (AGL):	150 feet	Height (AGL):	150 feet	Height (AGL):	150 feet
Channel Count:	4	Channel Count:	4	Channel Count:	4
Total TX Power (W):	240 Watts	Total TX Power (W):	240 Watts	Total TX Power (W):	240 Watts
ERP (W):	8,728.31	ERP (W):	8,728.31	ERP (W):	8,728.31
Antenna A4 MPE %:	**1.39%**	Antenna B4 MPE %:	**1.39%**	Antenna C4 MPE %:	**1.39%**

Site Composite MPE %	
Carrier	**MPE %**
T-Mobile (Max at Sector A):	8.73%
Verizon	3.17%
AT&T	3.47%
Site Total MPE % :	15.37%

T-Mobile MPE % Per Sector	
T-Mobile Sector A Total:	8.73%
T-Mobile Sector B Total:	8.73%
T-Mobile Sector C Total:	8.73%
Site Total MPE % :	15.37%

T-Mobile Maximum MPE Power Values (Sector A)

T-Mobile Frequency Band / Technology (Sector A)	# Channels	Watts ERP (Per Channel)	Height (feet)	Total Power Density (μW/cm²)	Frequency (MHz)	Allowable MPE (μW/cm²)	Calculated % MPE
T-Mobile 1900 MHz GSM	4	1028.30	150.0	6.57	1900 MHz GSM	1000	0.66%
T-Mobile 2100 MHz UMTS	2	1028.30	150.0	3.29	2100 MHz UMTS	1000	0.33%
T-Mobile 600 MHz LTE	2	591.73	150.0	1.89	600 MHz LTE	400	0.47%
T-Mobile 600 MHz NR	1	1577.94	150.0	2.52	600 MHz NR	400	0.63%
T-Mobile 700 MHz LTE	2	648.82	150.0	2.07	700 MHz LTE	467	0.44%
T-Mobile 1900 MHz LTE	2	2203.69	150.0	7.04	1900 MHz LTE	1000	0.70%
T-Mobile 2500 MHz LTE	2	6412.98	150.0	20.49	2500 MHz LTE	1000	2.05%
T-Mobile 2500 MHz NR	2	6412.98	150.0	20.49	2500 MHz NR	1000	2.05%
T-Mobile 1900 MHz LTE	2	2056.61	150.0	6.57	1900 MHz LTE	1000	0.66%
T-Mobile 2100 MHz LTE	2	2307.55	150.0	7.37	2100 MHz LTE	1000	0.74%
						Total:	**8.73%**

• NOTE: Totals may vary by approximately 0.01% due to summation of remainders in calculations.

Summary

All calculations performed for this analysis yielded results that were **within** the allowable limits for general population exposure to RF Emissions.

The anticipated maximum composite contributions from the T-Mobile facility as well as the site composite emissions value with regards to compliance with FCC's allowable limits for general population exposure to RF Emissions are shown here:

T-Mobile Sector	Power Density Value (%)
Sector A:	8.73%
Sector B:	8.73%
Sector C:	8.73%
T-Mobile Maximum MPE % (Sector A):	8.73%
Site Total:	15.37%
Site Compliance Status:	**COMPLIANT**

The anticipated composite MPE value for this site assuming all carriers present is **15.37%** of the allowable FCC established general population limit sampled at the ground level. This is based upon values listed in the Connecticut Siting Council database for existing carrier emissions.

FCC guidelines state that if a site is found to be out of compliance (over allowable thresholds), that carriers over a 5% contribution to the composite value will require measures to bring the site into compliance. For this facility, the composite values calculated were well within the allowable 100% threshold standard per the federal government.