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

July 22, 2020

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

RE: **Notice of Exempt Modification for Crown Site BU: 829013**
T-Mobile Site ID: CT11178D
467 South Quaker Lane, West Hartford, CT 06110
Latitude: 41° 44′ 55.59″/ Longitude: -72° 43′ 52.86″

Dear Ms. Bachman:

T-Mobile currently maintains (9) antennas at the 120-foot mount of the existing 120-foot Monopole Tower located at 467 South Quaker Lane in West Hartford, Connecticut. The tower is owned by Crown Castle. The property is owned by the Church of St. Marks the Evangelist Corporation. T-Mobile now intends to add three (3) new 2500/2500 MHz antennas at the 120-foot mount.

Planned Modifications:
Tower:

Remove:
(11) 1 5/8" Coax
(3) TMA

Install New:
(1) 1 5/8" Hybrids
(3) RRU 4415 B25
(3) AIR 6449 B41 Antenna 2500/2500 MHz

Existing to Remain:
(3) 1 ½" Hybrids
(3) RADIO 4449 B71/B85A
(3) AIR32 B2A/B66AA Antenna 1900/2100 MHz
(3) AIR 3246 B66 Antenna 2100 MHz
(3) APXVAARR24_43-U-NA20 Antenna 600/700 MHz

Ground:

Upgrade and replace existing ground cabinet.
Upgrade existing breakers.

The facility was approved by the Town of West Hartford on March 31, 2000. This approval came with conditions that would not be violated by this modification. Enclosed is a copy of the original approval.

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.S.C.A. § 16-50j-73, a copy of this letter is being sent to Shari Cantor, Mayor of the Town of West Hartford, Todd Dumais, Town Planner, as well as the property owner 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.

Best,

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

Attachments:

Exhibit-A: Compound Plan and Elevation Depicting the Planned Changes
Exhibit-B: Structural Modification Report
Exhibit-C: General Power Density Table Report (RF Emissions Analysis Report)

cc: Mayor Shari Cantor (*via email only to Mayor@WestHartfordCT.gov*)
Town of West Hartford
50 South Main Street
West Hartford, CT 06107

Todd Dumais, Town Planner (*via email only to Todd.Dumais@WestHartfordCT.gov*)

Town of West Hartford
Planning & Zoning Division
50 South Main Street
West Hartford, CT 06107

Church of St Marks the Evangelist Corp
(*via email only to Karla Dalley – karla@saintgiannaparish.org*)
1088 New Britain Avenue
West Hartford, CT 06110-2426

From: Zsamba, Anne Marie
To: karla@saintgiannaparish.org
Subject: Notice of Exempt Modification - T-Mobile - 467 South Quaker Lane
Date: Wednesday, July 22, 2020 1:56:00 PM
Attachments: EM-T-MOBILE-467 SOUTH QUAKER LN WEST HARTFORD-829013-CT11178D_notice.pdf

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Dear Ms. Dalley:

Attached please find T-Mobile's exempt modification application that is being submitted to the Connecticut Siting Council, today July 22, 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: "Mayor@WestHartfordCT.gov"
Subject: Notice of Exempt Modification - T-Mobile - 467 South Quaker Lane
Date: Wednesday, July 22, 2020 1:56:00 PM
Attachments: EM-T-MOBILE-467 SOUTH QUAKER LN WEST HARTFORD-829013-CT11178D_notice.pdf

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Dear Mayor Cantor:

Attached please find T-Mobile's exempt modification application that is being submitted to the Connecticut Siting Council, today July 22, 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: Todd.Dumais@WestHartfordCT.gov
Subject: Notice of Exempt Modification - T-Mobile - 467 South Quaker Lane
Date: Wednesday, July 22, 2020 1:56:00 PM
Attachments: EM-T-MOBILE-467 SOUTH QUAKER LN WEST HARTFORD-829013-CT11178D_notice.pdf

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Dear Town Planner Dumais:

Attached please find T-Mobile's exempt modification application that is being submitted to the Connecticut Siting Council, today July 22, 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

Exhibit A

Original Facility Approval

TOWN PLAN AND ZONING COMMISSION

CERTIFIED MAIL

March 10, 2000

Dennis Brown
Ominipoint Communications, Inc.
100 Filley Street
Bloomfield, CT 06002

SUBJECT: 457 South Quaker Lane – SUP #893

Dear Mr. Brown:

At its regular meeting of March 6, 2000 the West Hartford Town Plan and Zoning Commission gave consideration to the following item:

> **457 South Quaker Lane – St. Mark's Church** – Application (SUP #893) of the Archdiocese of Hartford, R.O., Omnipoint Communications, Inc., Dennis Brown of Omnipoint and Agent for Special Use Permit application. Omnipoint Communications, Inc. proposes to erect a 120 foot tall telecommunications monopole behind St. Mark's Rectory and abutting the right-of-way for Interstate 84. The 120 foot monopole would provide location for Omnipoint antenna and co-location for two other carriers. At the base of the monopole would be an equipment box the size of two filing cabinets. The site would be surrounded by a chain link fenced area, 50' x 50', with security gate and landscape buffering. (Submitted for TPZ receipt on February 7, 2000. Suggest required public hearing be scheduled for March 6, 2000. Required TPZ public hearing scheduled for March 6, 2000.)
> **R-6 ZONE**

After a review of the application and its related exhibits and after consideration of staff technical comments and the public hearing record, the TPZ acted by **majority vote** (Motion/Kearns; Second/Kappes) (Kappes seated for Wirth) to **CONDITIONALLY APPROVE** the subject application. During its discussions and deliberations on this matter, the Commission made the following findings:

1. **The landscape plan shall be revised to substitute the proposed hemlocks with Austrian Pines. The landscape plan shall provide the number, type and size of all proposed plantings.**
2. **As required by Section 177.16.7D(4) Telecommunication towers and antennas of the West Hartford Code of Ordinances the applicant shall make payment to the "Town Abandonment Fund". The applicant shall provide to the Town of West Hartford a statement setting forth the estimated cost of construction for the approved antennas, ancillary facilities and supporting structure, together with a payment equal to 5% of the estimated cost of the**

construction. The payment shall be deposited to the Tower Abandonment Fund.

3. **The proposed Special Use Permit will comply with the finding requirements of Section 177-42A(5a & 5b) of the West Hartford Code of Ordinances.**

You should now contact the Planning Staff to discuss the submission requirements for your plans. A ten dollar ($10) filing fee is required to file a notice of approval on the West Hartford Land Records. My staff will happy to assist you in completing these requirements. The TPZ approval is not final until the legal requirements for filing are completed. The effective date of approval is March 31, 2000.

If you have questions, please feel free to call the Planning Staff at 523-3123.

Very truly yours,

Donald R. Foster
Town Planner

C: Ronald Van Winkle, Director of Community
Kevin O'Connor, Corporation Counsel
Norma Cronin, Town Clerk
William Farrell, Town Engineer
Subject TPZ File

457Soqkr-Mar00

Exhibit B

Property Card

471 SOUTH QUAKER LANE

Location	471 SOUTH QUAKER LANE	**Mblu**	G11/ 5096/ 471/ /
Parcel ID	5096 1 471 0001	**Owner**	CHURCH OF ST MARK THE EVANGELIST CORP
Assessment	$4,434,850	**Appraisal**	$6,335,500
Vision Id #	18998	**Building Count**	3

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2019	$4,499,800	$1,835,700	$6,335,500
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2019	$3,149,860	$1,284,990	$4,434,850

Owner of Record

Owner	CHURCH OF ST MARK THE EVANGELIST CORP	**Sale Price**	$0
Co-Owner		**Certificate**	1
Address	C/O CROWN CASTLE PMB 331 4017 WASHINGTON ROAD MCMURRAY, PA 15317	**Book & Page**	0215/0042
		Sale Date	
		Instrument	U

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
CHURCH OF ST MARK THE EVANGELIST CORP	$0	1	0215/0042	U	

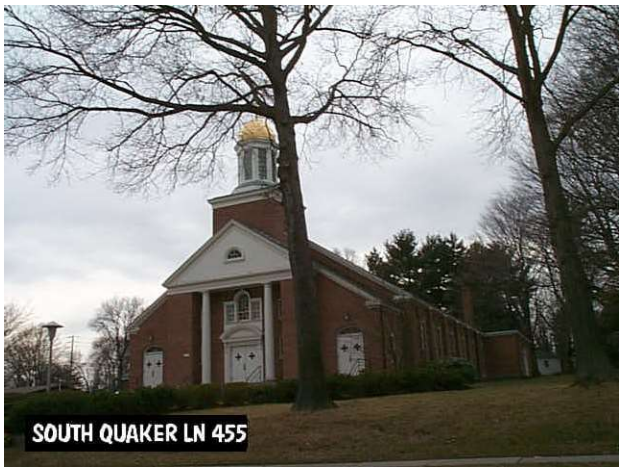
Building Information

Building 1 : Section 1

Year Built:	1945
Living Area:	3,580
Replacement Cost:	$592,451
Building Percent Good:	55
Replacement Cost Less Depreciation:	$325,800

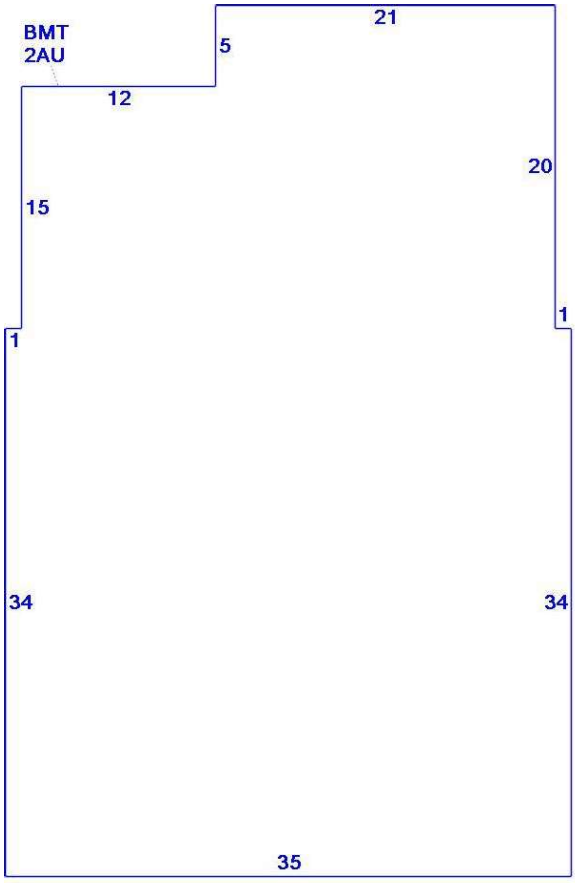
Building Attributes	
Field	**Description**
Style	Colonial
Model	Residential
Stories	2.0
Occupancy	1
Exterior Wall 1	Brick
Exterior Wall 2	
Roof Structure	Gable
Roof Cover	Asphalt
Interior Wall 1	Typical
Interior Wall 2	
Interior Flr 1	Typical
Interior Flr 2	
Heat Fuel	Oil
Heat Type:	Forced Air
AC Type:	Yes
# of Bedrooms	3
Full Bthrms:	4
Half Baths:	0
Extra Fixtures	0
Total Rooms:	12
Bath Style:	Typical
Kitchen Style:	Typical
Extra Kitchens	
Cndtn	14
Fireplaces	1
Prefab Fpl(s)	
Bsmt Egress	
Foundation	Conc Per Piers
Bsmt Garage(s)	None
Fin Bsmt/RRm	
Bsmt Rec Rm	
FBLA	
Int Condition	Typical
Attic Access	03
Dormer LF	
Usrfld 300	
Usrfld 301	

Building Photo



(http://images.vgsi.com/photos/WestHartfordCTPhotos/\00\01\69\27.JPG)

Building Layout



(ParcelSketch.ashx?pid=18998&bid=18998)

Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
2AU	2 STORY U UNFIN ATT	1,790	3,580
BMT	BSMT UNFIN RES	1,790	0
		3,580	3,580

Building 2 : Section 1

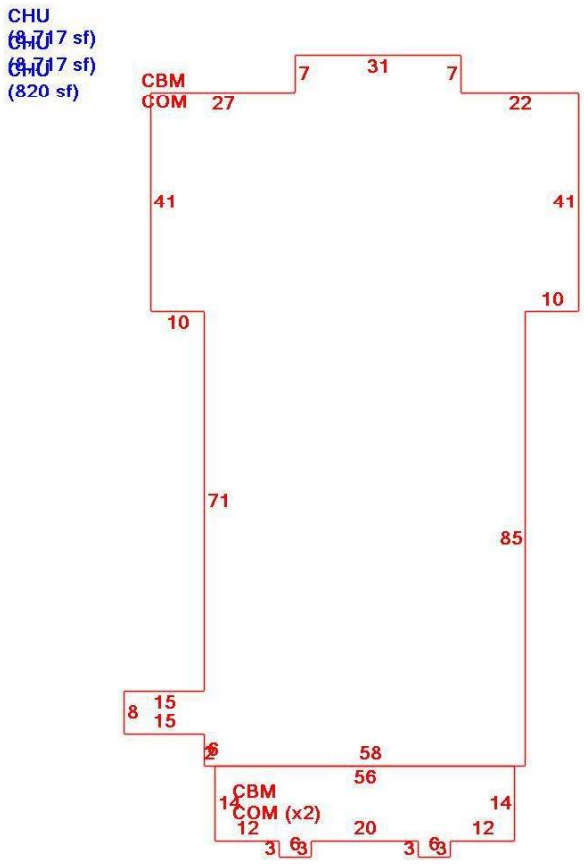
Year Built:	1945
Living Area:	18,254
Replacement Cost:	$4,041,758
Building Percent Good:	56
Replacement Cost Less Depreciation:	$2,263,400

Building Attributes : Bldg 2 of 3	
Field	**Description**
STYLE	Church
MODEL	Comm/Ind
Grade	B 0.90
Stories:	2
Occupancy	
Exterior Wall 1	Precast Panel
Exterior Wall 2	
Roof Structure	Gable
Roof Cover	Comp - Shingle
Interior Wall 1	Typical
Interior Wall 2	
Floor Type	Wood
Floor Cover	Carpet
Heating Fuel	Typical
Heating Type	Steam Boiler
AC Type	Central - Zone
As Built Use	CHUR
Bldg Use	Exempt Commercial
# of Bedrooms	
Total Baths	
Type	01
Wet Sprinkler	
Dry Sprinkler	
1st Floor Use:	
Class	Class B
Frame Type	Rigid Steel
Plumbing	LIGHT
Ceiling	Drywall
Group	CTA
Wall Height	17.00
Adjustment	

Building Photo

(http://images.vgsi.com/photos/WestHartfordCTPhotos//default.jpg)

Building Layout



(ParcelSketch.ashx?pid=18998&bid=30656)

Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
CHU	CHURCH	18,254	18,254
CBM	BSMT COMM - NV	9,537	0
COM	COMMERCIAL - NV	10,357	0
		38,148	18,254

Building 3 : Section 1

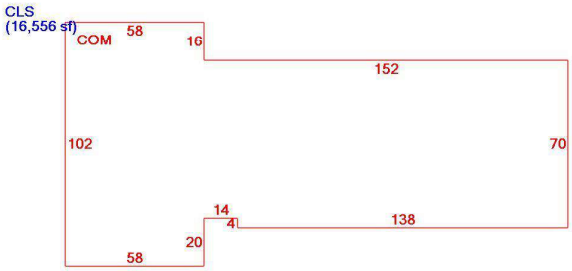
Year Built: 1970
Living Area: 16,556
Replacement Cost: $2,952,864
Building Percent Good: 64
Replacement Cost Less Depreciation: $1,889,800

Building Attributes : Bldg 3 of 3	
Field	**Description**
STYLE	Classroom
MODEL	Comm/Ind
Grade	C 1.10
Stories:	1
Occupancy	
Exterior Wall 1	Precast Panel
Exterior Wall 2	
Roof Structure	Gable
Roof Cover	Comp - Shingle
Interior Wall 1	Typical
Interior Wall 2	
Floor Type	Concrete Slab
Floor Cover	None
Heating Fuel	Typical
Heating Type	None
AC Type	None
As Built Use	RCLS
Bldg Use	Exempt Commercial
# of Bedrooms	
Total Baths	
Type	01
Wet Sprinkler	
Dry Sprinkler	
1st Floor Use:	
Class	Class C
Frame Type	Masonry
Plumbing	LIGHT
Ceiling	Not Applicable
Group	CTA
Wall Height	10.00
Adjustment	

Building Photo

(http://images.vgsi.com/photos/WestHartfordCTPhotos//default.jpg)

Building Layout



(ParcelSketch.ashx?pid=18998&bid=30657)

Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
CLS	CLASS ROOM BLDG	16,556	16,556
COM	COMMERCIAL - NV	16,500	0
		33,056	16,556

Extra Features

Extra Features				Legend
Code	**Description**	**Size**	**Value**	**Bldg #**
RP0	Stoop	30.00 SF	$0	1

Land

Land Use

Use Code	901
Description	Exempt Res
Zone	R-6
Neighborhood	
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	8.16
Frontage	
Depth	
Assessed Value	$1,284,990
Appraised Value	$1,835,700

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
CCP9	Canopy-wood			56.00 SF	$300	1
CRG4	Garage - 1.0 Story Det			918.00 SF	$14,700	1
CRG4	Garage - 1.0 Story Det			247.00 SF	$5,800	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2019	$4,499,800	$1,835,700	$6,335,500
2018	$4,499,800	$1,835,700	$6,335,500
2017	$4,499,800	$1,835,700	$6,335,500

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2019	$3,149,860	$1,284,990	$4,434,850
2018	$3,149,860	$1,284,990	$4,434,850
2017	$3,149,860	$1,284,990	$4,434,850

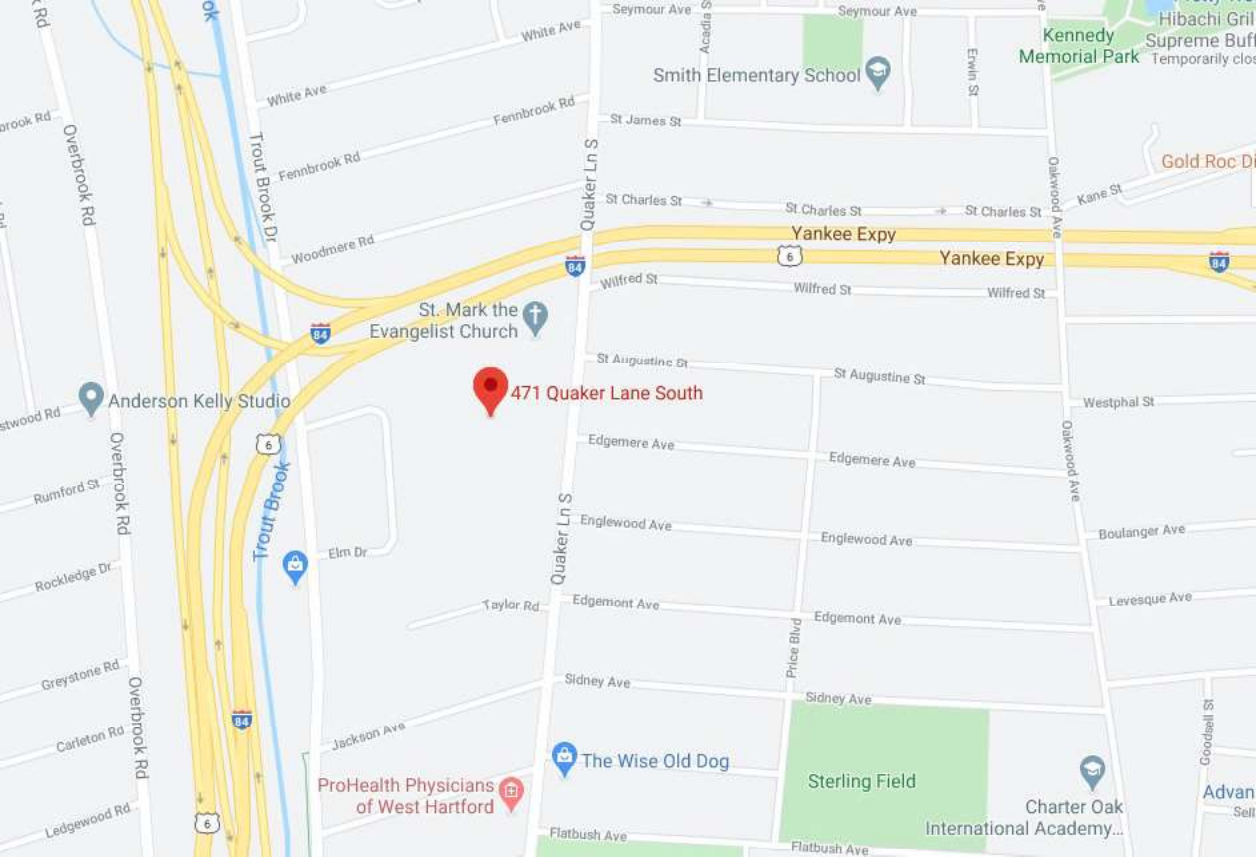

471 Quaker Lane South
Anderson Kelly Studio
St. Mark the Evangelist Church
Smith Elementary School
Kennedy Memorial Park
Yankee Expy
Yankee Expy
The Wise Old Dog
ProHealth Physicians of West Hartford
Sterling Field
Charter Oak International Academy...
Trout Brook
Trout Brook Dr
Overbrook Rd
Quaker Ln S
Oakwood Ave
Price Blvd
Seymour Ave
White Ave
Fennbrook Rd
St James St
St Charles St
Woodmere Rd
Wilfred St
St Augustine St
Westphal St
Edgemere Ave
Englewood Ave
Boulanger Ave
Levesque Ave
Edgemont Ave
Taylor Rd
Sidney Ave
Jackson Ave
Flatbush Ave
Elm Dr
Rockledge Dr
Rumford St
Greystone Rd
Carleton Rd
Ledgewood Rd
Kane St
Erwin St
Goodsell St
Acadia St

Exhibit C

Construction Drawings

T-Mobile

T-MOBILE SITE NUMBER: CT11178D
T-MOBILE SITE NAME: WEST HARTFORD/I-84/X43
SITE TYPE: MONOPOLE
TOWER HEIGHT: 119'-0"

BUSINESS UNIT #: 829013
SITE ADDRESS: 467 SOUTH QUAKER LANE
WEST HARTFORD, CT 06110
COUNTY: HARTFORD
JURISDICTION: HARTFORD COUNTY

T-MOBILE ANCHOR SITE CONFIGURATION: 67D5A992M

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	WEST HARTFORD/I-84/X43
SITE ADDRESS:	467 SOUTH QUAKER LANE WEST HARTFORD, CT 06110
COUNTY:	HARTFORD
MAP/PARCEL #:	5096 1 471 0001
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 44' 55.59"
LONGITUDE:	72° 45' 52.86
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	119 FT
CURRENT ZONING:	R-6
JURISDICTION:	HARTFORD COUNTY
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	C/O CROWN CASTLE PMB 331 4017 WSHINGTON ROAD MCMCRAY, PA 15317
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	T-MOBILE 35 GRIFFIN ROAD BLOOMFIELD, CT 06002
ELECTRIC PROVIDER:	ATMOS ENERGY (888) 286-6700
TELCO PROVIDER:	AT&T (877) 604-7581

PROJECT TEAM

A&E FIRM:	CROWN CASTLE USA INC. 2000 CORPORATE DRIVE CANONSBURG, PA 15317 CROWNAE.APPROVAL@CROWNCASTLE.COM
CROWN CASTLE USA INC. DISTRICT CONTACTS:	12 GILL STREET, SUITE 5800 WOBURN, MA 01801
	T.B.D. - PROJECT MANAGER T.B.D.
	T.B.D. - CONSTRUCTION MANAGER T.B.D.

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

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

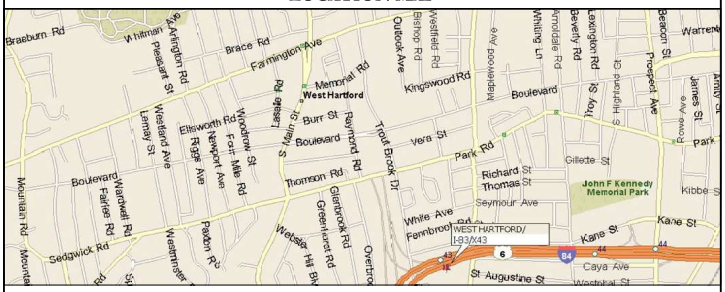
THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY.

TOWER SCOPE OF WORK:
- REMOVE (3) TMAs
- REMOVE (11) 1-5/8" COAX CABLES
- REMOVE (1) 9x18 HCS
- INSTALL (3) ANTENNAS
- INSTALL (3) RRHs
- INSTALL (2) 6x12 HCS

GROUND SCOPE OF WORK:
- UPGRADE RBS 6102 BREAKER TO 150A
- INSTALL (1) NEW SSC6160 CABINET
- INSTALL (1) NEW 100A BREAKER FOR SSC6160
- INSTALL (1) NEW B160 BATTERY CABINET.
- INSTALL NEW CONCRETE PAD.

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	2015 IBC
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	BY OTHERS
DATED:	
MOUNT ANALYSIS:	BY OTHERS
DATED:	
RFDS REVISION:	6
DATED:	5/11/20
ORDER ID:	524061
REVISION:	1

CALL CONNECTICUT ONE CALL (800) 922-4455 CBYD.COM CALL 3 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:
CT11178D

BU #: **829013**
WEST HARTFORD/I-84/X43

467 SOUTH QUAKER LANE
WEST HARTFORD, CT 06110

EXISTING 119'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES/QA
0	7/9/20	SQM	CONSTRUCTION	MAW
1	7/14/20	GCH	CONSTRUCTION	GCH

7/14/20

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:	REVISION:
T-1	1

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

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T-MOBILE SITE NUMBER:
CT11178D

BU #: **829013**
WEST HARTFORD/I-84/X43

467 SOUTH QUAKER LANE
WEST HARTFORD, CT 06110

EXISTING 119'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/9/20	SMM	CONSTRUCTION	MDW
1	7/14/20	GEH	CONSTRUCTION	GEH

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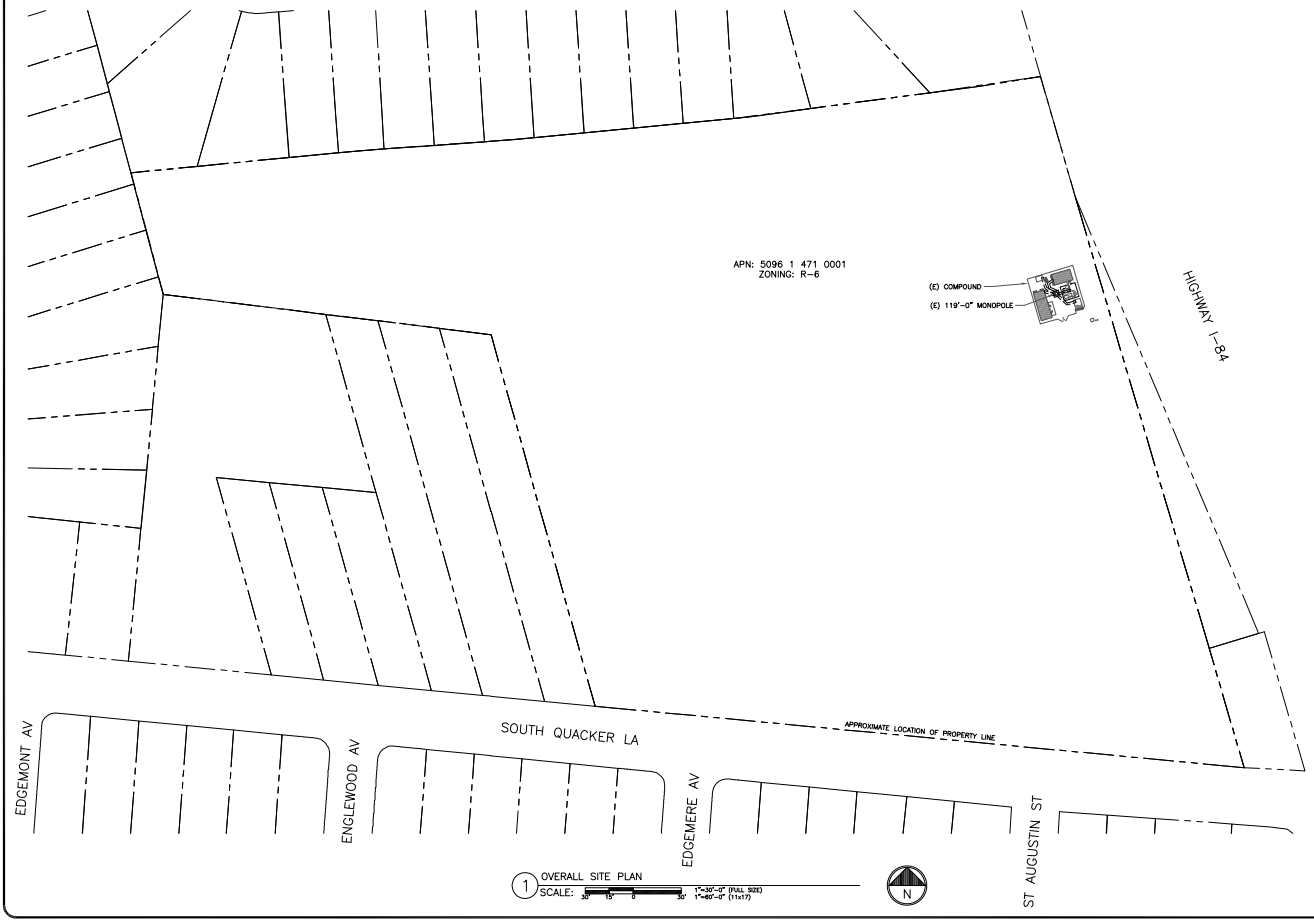
SHEET NUMBER: **T-2**
REVISION: **1**

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



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

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7/14/20

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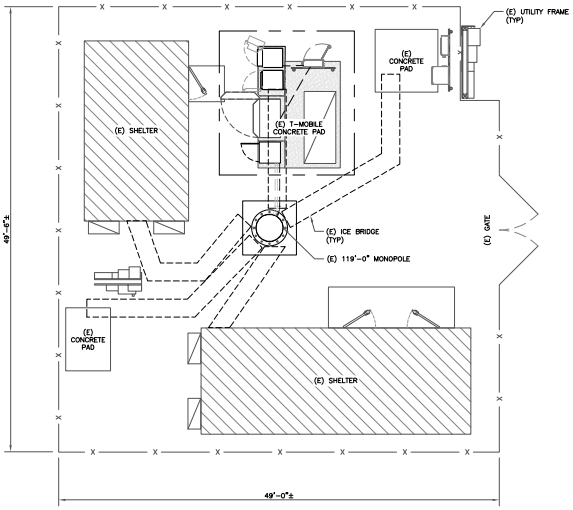
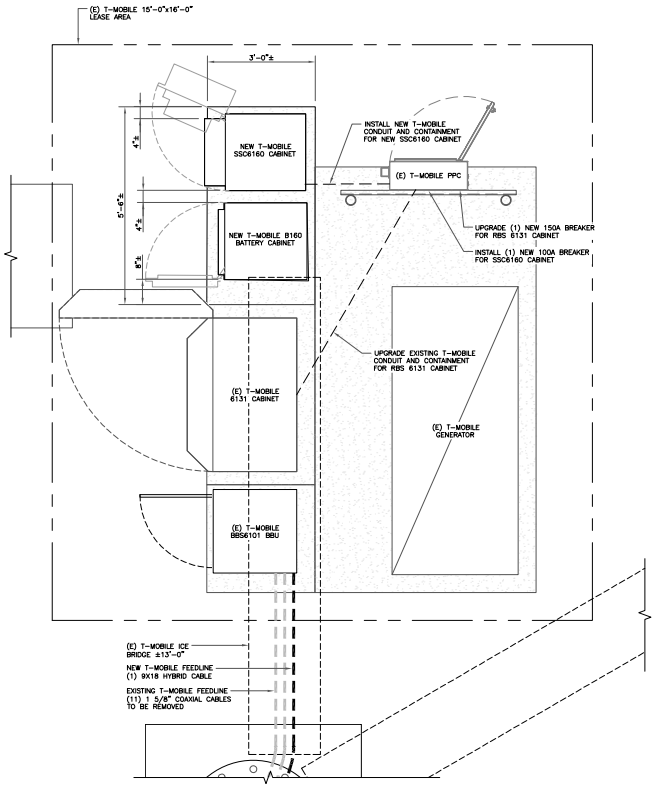
SHEET NUMBER: C-1.1
REVISION: 1



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

N



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

N

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EXISTING 119'-0" MONOPOLE

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1	7/14/20	GCH	CONSTRUCTION	GCH

7/14/20

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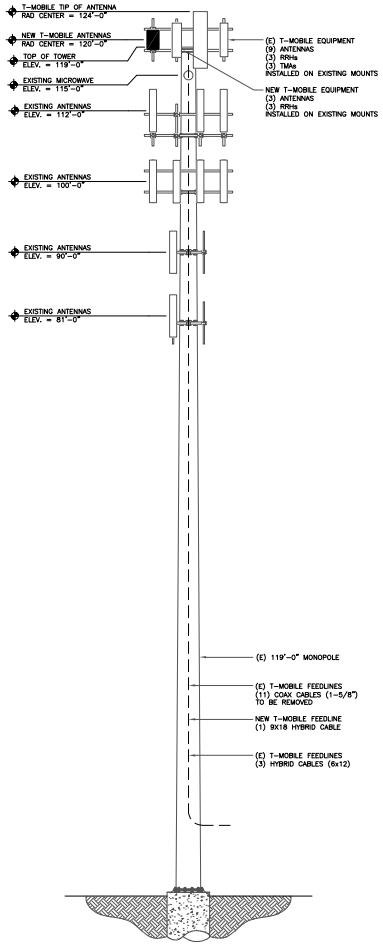
SHEET NUMBER: C-1.2
REVISION: 1

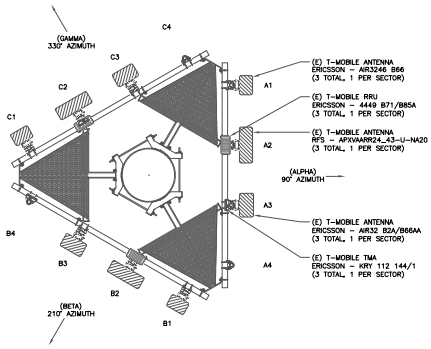
T-MOBILE EQUIPMENT

ANTENNA CL: 120'-0"
MOUNT CL: 120'-0"

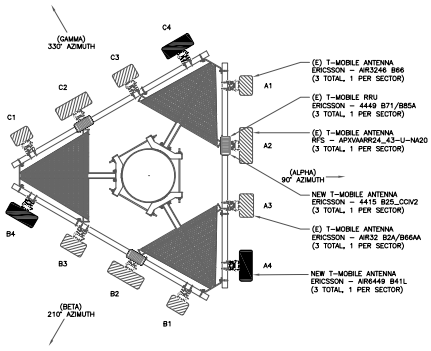
ANY AND ALL TOWER MOUNTED EQUIPMENT MUST NOT TRAP OR INTERFERE W/ EXISTING SAFETY CLIMB



1 FINAL ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA LAYOUT
SCALE: NOT TO SCALE



3 FINAL ANTENNA LAYOUT
SCALE: NOT TO SCALE

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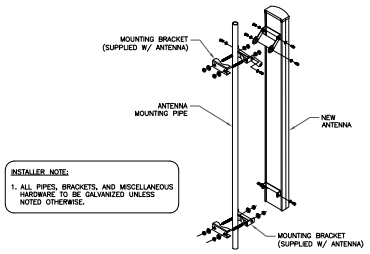
SHEET NUMBER: C-2

REVISION: 1

ANTENNA SCHEDULE

SECTOR	ANTENNA	TECH	MANUFACTURER	ANTENNA MODEL	AZIMUTH	M-TILT	E-TILT	RAD CENTER	TMA/RRU	CABLE TYPE	CABLE DIAMETER	CABLE LENGTH
ALPHA	A1	L2100	ERICSSON	AIR3246 B66	90°	0°	–	120'-0"	–	HYBRID	(2) 6x12 HYBRIDS	150'
	A2	L700/L600/N600 L1900 U2100 L1900/G1900	RFS	APXVAARR24_43-U-NA20	90°	0°	–	120'-0"	(1) 4449 B71+B85 (1) 4415 B25			
	A3		ERICSSON	AIR KRD901146-1_B66A_B2A	90°	0°	–	120'-0"	–			
	A4	L2500/N2500	ERICSSON	AIR6449 B41	90°	0°	–	120'-0"	–			
BETA	B1	L2100	ERICSSON	AIR3246 B66	210°	0°	–	120'-0"	–	HYBRID	6x12 HYBRID	150'
	B2	L700/L600/N600 L1900 U2100 L1900/G1900	RFS	APXVAARR24_43-U-NA20	210°	0°	–	120'-0"	(1) 4449 B71+B85 (1) 4415 B25			
	B3		ERICSSON	AIR KRD901146-1_B66A_B2A	210°	0°	–	120'-0"	–			
	B4	L2500/N2500	ERICSSON	AIR6449 B41	210°	0°	–	120'-0"	–			
GAMMA	C1	L2100	ERICSSON	AIR3246 B66	330°	0°	–	120'-0"	–	HYBRID	6x12 HYBRID	150'
	C2	L700/L600/N600 L1900 U2100 L1900/G1900	RFS	APXVAARR24_43-U-NA20	330°	0°	–	120'-0"	(1) 4449 B71+B85 (1) 4415 B25			
	C3		ERICSSON	AIR KRD901146-1_B66A_B2A	330°	0°	–	120'-0"	–			
	C4	L2500/N2500	ERICSSON	AIR6449 B41	330°	0°	–	120'-0"	–			

1 ANTENNA AND CABLE SCHEDULE
SCALE: NOT TO SCALE



2 ANTENNA MOUNTING DETAIL
SCALE: NOT TO SCALE

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EXISTING 119'-0" MONOPOLE

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1	7/14/20	GCH	CONSTRUCTION	GCH

7/14/20

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SHEET NUMBER: C-3
REVISION: 1

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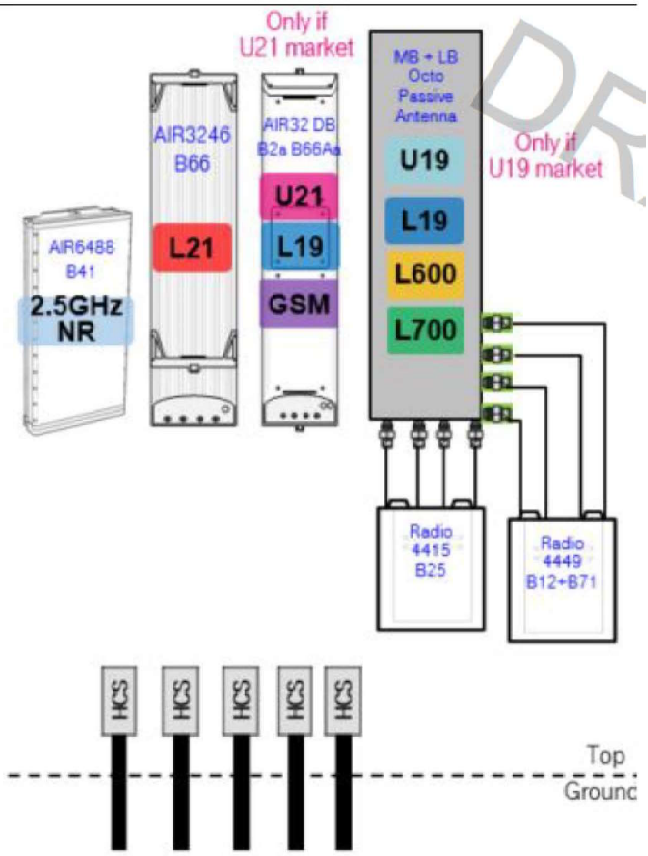

1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

T··Mobile···

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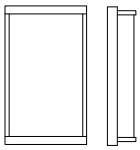
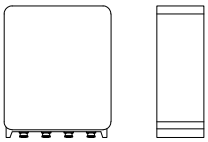
SHEET NUMBER:	REVISION:
C-4	1

ANTENNA SPECIFICATIONS	
MANUFACTURER	ERICSSON
MODEL #	AIR6449 B41
WIDTH	20.6"
DEPTH	8.6"
HEIGHT	33.1"
WEIGHT	104 lbs



1 ANTENNA DETAIL
SCALE: NOT TO SCALE

RRH SPECIFICATIONS	
MANUFACTURER	ERICSSON
MODEL #	4415 B25
WIDTH	13.4"
DEPTH	5.9"
HEIGHT	16.5"
WEIGHT	46 lbs



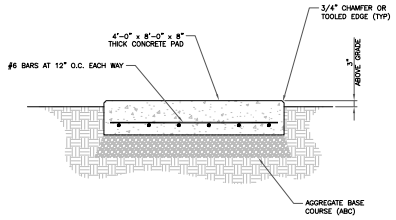
2 RRU DETAIL
SCALE: NOT TO SCALE

ENCLOSURE SPECIFICATIONS	
MANUFACTURER	ERICSSON
MODEL #	SSC6160
WIDTH	25.6"
DEPTH	25.6"
HEIGHT	63"
WEIGHT	188 lbs

3 SSC6160 CABINET DETAIL
SCALE: NOT TO SCALE

ENCLOSURE SPECIFICATIONS	
MANUFACTURER	ERICSSON
MODEL #	B160
WIDTH	25.6"
DEPTH	25.6"
HEIGHT	63"
WEIGHT	188 lbs
WITH BATTERIES	1587.6 lbs

4 B160 CABINET DETAIL
SCALE: NOT TO SCALE



NOTES:

1) MINIMUM CONCRETE STRENGTH (f'_c) TO BE 4,500 psi UNLESS NOTED OTHERWISE. CONCRETE MIX SHALL BE DESIGNED BY A CERTIFIED LABORATORY. CONCRETE EXPOSED TO FREEZE-THAW CYCLES TO CONTAIN AIR ENTRAINING ADMIXTURES. AMOUNT OF AIR ENTRAINMENT TO BE BASED ON SIZE OF AGGREGATE AND F2 CLASS EXPOSURE. CEMENT USED TO BE TYPE I PORTLAND CEMENT WITH A WATER-TO-CEMENT RATIO (W/C) NOT TO EXCEED 0.45.

2) CONCRETE PAD SHALL BEAR ON A MINIMUM OF 8" OF AGGREGATE BASE COURSE (ABC) MATERIAL COMPACTED TO 98% OF MAXIMUM DENSITY DETERMINED BY ASTM D1557 (MODIFIED PROCTOR). MATERIAL SHOULD BE WITHIN 3% OF OPTIMUM MOISTURE AT TIME OF COMPACTION.

3) ALL REINFORCING TO MAINTAIN 3" COVER WHEN CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.

5 CONCRETE PAD DETAIL
SCALE: NOT TO SCALE

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T-MOBILE SITE NUMBER:
CT11178D

BU #: **829013**
WEST HARTFORD/I-84/X43

467 SOUTH QUAKER LANE
WEST HARTFORD, CT 06110

EXISTING 119'-0" MONOPOLE

ISSUED FOR:

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7/14/20

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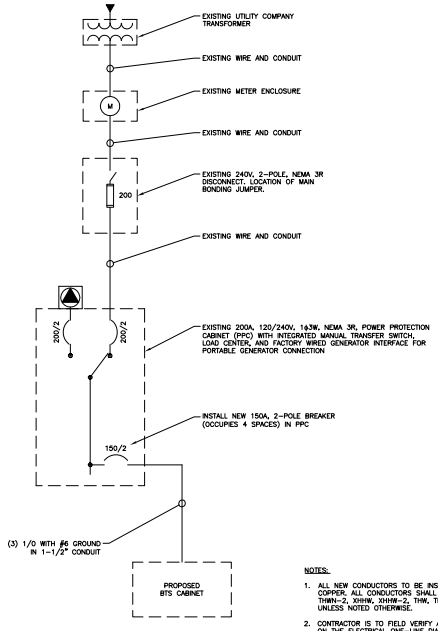
SHEET NUMBER: C-5
REVISION: 1

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				
	3600	C		7		3600	8				
	3600	C		9	3600		10				
	3600	C		11		3600	12				
BLANK				13	0		14				BLANK
				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. NEW BREAKER TO BE SAME TYPE AND HAVE SAME AIC RATING AS EXISTING. CUSTOMER HAS NOT PROVIDED LOADS FOR EQUIPMENT CABINETS THEREFORE THE CABINET LOADS SHOWN ARE ESTIMATED VALUES.				
TOTAL LOAD (VA) =					9180	9200					
TOTAL LOAD (A) =					77	77					

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

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7/14/20

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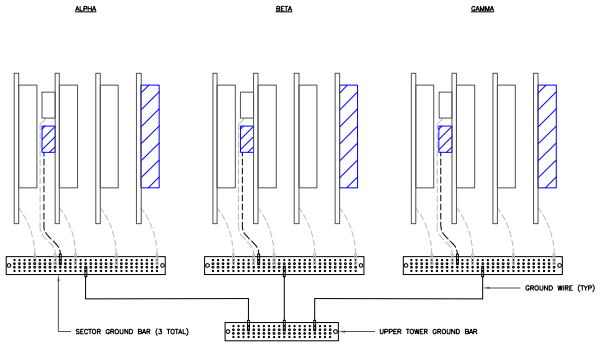
SHEET NUMBER:	REVISION:
E-1	1



NOTE:

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

1 ANTENNA GROUNDING DIAGRAM
SCALE: NOT TO SCALE

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7/14/20

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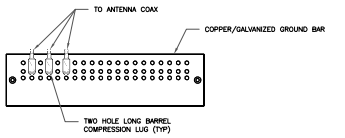
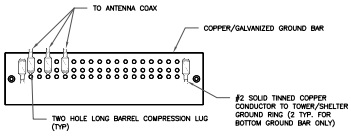
SHEET NUMBER:	REVISION:
G-1	1



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.

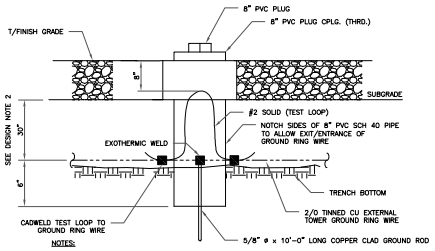
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



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.

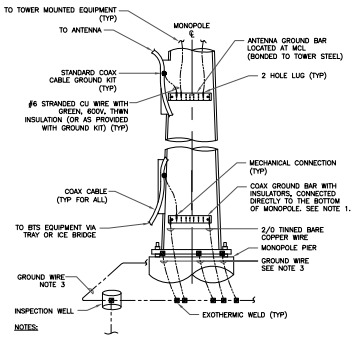
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



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)

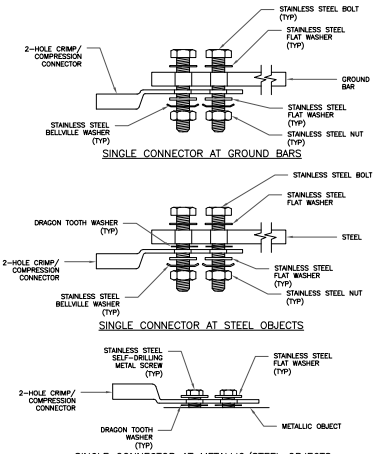
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



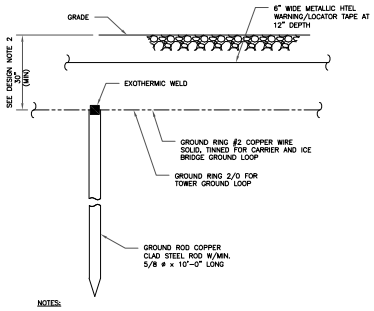
NOTES:

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

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:
CT11178D

BU #: 829013
WEST HARTFORD/I-84/X43

467 SOUTH QUAKER LANE
WEST HARTFORD, CT 06110

EXISTING 119'-0" MONOPOLE

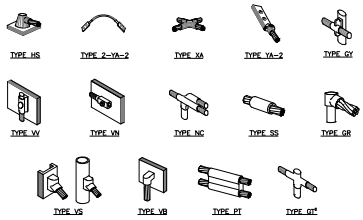
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES/QA
0	7/9/20	SJM	CONSTRUCTION	MJW
1	7/14/20	GCH	CONSTRUCTION	GCH

7/14/20

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

SHEET NUMBER: G-2
REVISION: 1

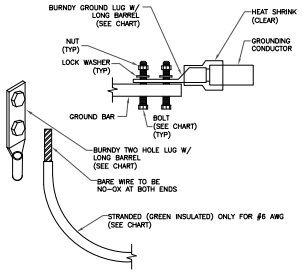


NOTE:

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

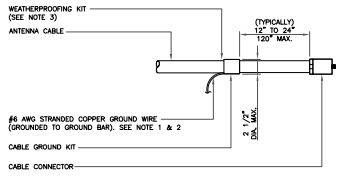
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



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.

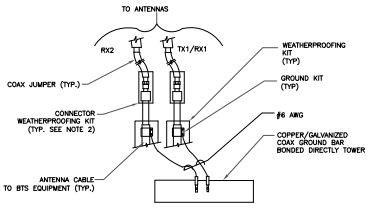
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



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.

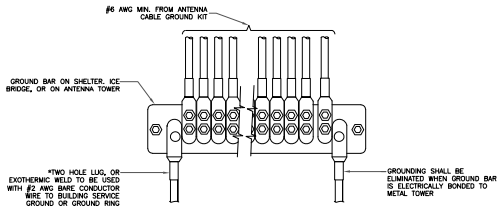
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



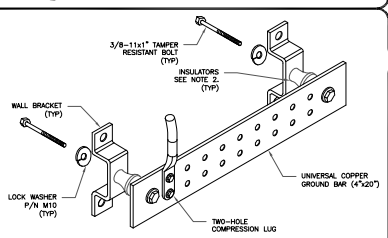
NOTES:

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



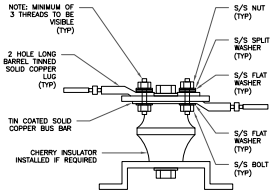
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



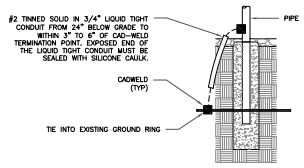
NOTES:

1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY CAS-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
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T-MOBILE SITE NUMBER:
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WEST HARTFORD/I-84/X43

467 SOUTH QUAKER LANE
WEST HARTFORD, CT 06110

EXISTING 119'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES/QA
0	7/9/20	SQM	CONSTRUCTION	MJW
1	7/14/20	GCH	CONSTRUCTION	GCH

7/14/20

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

SHEET NUMBER: G-3
REVISION: 1

Exhibit D

Structural Analysis Report

Date: **June 17, 2020**

Amanda Brown
Crown Castle
6325 Ardrey Kell Rd., Suite 600
Charlotte, NC 28277

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

Subject: **Structural Analysis Report**

Carrier Designation:	***T-Mobile* Co-Locate**	
	Carrier Site Number:	CT11178D
	Carrier Site Name:	West Hartford/I-84/X43
Crown Castle Designation:	**Crown Castle BU Number:**	829013
	Crown Castle Site Name:	West Hartford/I-84/X43
	Crown Castle JDE Job Number:	613802
	Crown Castle Work Order Number:	1859435
	Crown Castle Order Number:	524001 Rev. 1
Engineering Firm Designation:	**TEP Project Number:**	25680.424729
Site Data:	**471 South Quaker Lane (Church of St. Mark), West Hartford, Hartford County, CT 06110 Latitude *41° 44' 55.59"*, Longitude *-72° 43' 52.86"* 119.1 Foot - Monopole Tower**	

Dear Amanda Brown,

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

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

LC7: Proposed Equipment Configuration **Sufficient Capacity - 73.8%**

This analysis utilizes an ultimate 3-second gust wind speed of 125 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: Julie C. Ryland / MBB

Respectfully submitted by:

Aaron T. Rucker, P.E.

06/17/2020

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 119.1-ft monopole tower designed by Pirod, Inc. The tower has been modified multiple times in the past to accommodate additional loading.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	125 mph
Exposure Category:	C
Topographic Factor:	1.0
Ice Thickness:	2.0 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)
120.0	120.0	3	Ericsson	AIR -32 B2A/B66AA w/ Mount Pipe	2 2	1-1/2 1-5/8
		3	RFS Celwave	APXVAARR24_43-U-NA20 w/ Mount Pipe		
		3	Ericsson	AIR6449 B41 w/ Mount Pipe		
		3	Ericsson	AIR 3246 B66 w/ Mount Pipe		
		3	Ericsson	Radio 4449 B71/B85A		
		3	Ericsson	RRUS 4415 B25_CCIV2		
		1	Tower Mounts	Platform Mount [LP 404-1_KCKR]		

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)
115.0	115.0	1	Andrew	VHLP2-18	1	1/2
		1	Aviat Networks	ODU600		
		1	Tower Mounts	Side Arm Mount [SO 102-3]		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
110.0	112.0	2	Kathrein	80010965 w/ Mount Pipe	2 2 4 12	3/8 7/16 3/4 1-5/8
		1	Kathrein	80010966 w/ Mount Pipe		
		3	Powerwave Tech.	7770.00		
		2	Quintel Technology	QS66512-2 w/ Mount Pipe		
		1	CCI Antennas	TPA-65R-LCUUUU-H8 w/ Mount Pipe		
		6	CCI Antennas	TPX-070821		
		3	Ericsson	RRUS 32		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 8843 B2/B66A		
		6	Powerwave Tech.	LGP21401		
		3	Raycap	DC6-48-60-18-8F		
	110.0	1	Tower Mounts	Platform Mount [LP 303-1]		
		1	Generic	Walkway Kit		
100.0	100.0	3	Amphenol	BXA-80063-4BF-EDIN-X w/ Mount Pipe	13	1-5/8
		2	Andrew	LNX-6514DS-T4M w/ Mount Pipe		
		1	Antel	BXA-70063-6CF-EDIN-0 w/ Mount Pipe		
		6	Commscope	SBNHH-1D65B w/ Mount Pipe		
		3	Alcatel Lucent	B4 RRH2X60-4R		
		3	Alcatel Lucent	B13 RRH 4X30		
		1	Raycap	RRFDC-3315-PF-48		
		1	Tower Mounts	Platform Mount [LP 403-1]		
90.0	90.0	3	Comba Telecom	ODI2-065R18K-GQ w/ Mount Pipe	1	7/8
		3	Ericsson	Radio 4415		
		3	Ericsson	Radio 0208		
		1	Tower Mounts	Side Arm Mount [SO 201-3]		
80.0	81.0	3	Argus Technologies	LLPX310R-V4 w/ Mount Pipe	6 3	5/16 1-5/8
		3	Commscope	NNVV-65B-R4 w/ Mount Pipe		
		3	Nokia	AAHC		
		3	Nokia	AHFIB_CCIV2		
	80.0	1	Clearwire	CW Junction Box		
		3	Samsung Telecom.	WIMAX Dap Head		
		1	Tower Mounts	Side Arm Mount [SO 101-3]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Remarks	Reference	Source
Supplemental Geotechnical Report	Tower Engineering Professionals / Dr. Clarence Welti, P.E., P.C.	3636697	CCISites
Tower Foundation Drawings	Pirod, Inc.	3636698	CCISites
Rebar Mapping Report	Tower Engineering Professionals		
Tower Manufacturer Drawings	Pirod, Inc.	3525378	CCISites
Tower Reinforcement Drawings	Natcomm Consulting Engineers, Inc.	3525386	CCISites
Post-Modification Inspection	Natcomm Consulting Engineers, Inc.	3974228	CCISites
Tower Reinforcement Drawings	Tower Engineering Professionals	5650111	CCISites
Post-Modification Inspection	Sinnott Gering and Schmitt Towers, Inc.	5852136	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.

RISA-3D, a commercially available analysis software package, was used to model and analyze the foundation. Selected output from the analysis is included in Appendix C.

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (lb)	ϕP_{allow} (lb)	% Capacity	Pass / Fail
L1	119.083 - 101.083	Pole	TP26x22.13x0.25	1	-10179	1224510	23.5	Pass
L2	101.083 - 66.5	Pole	TP34.0625x24.8729x0.3125	2	-20997	1999021	54.8	Pass
L3	66.5 - 32.8333	Pole	TP41.75x32.4981x0.375	3	-29428	2940798	60.2	Pass
L4	32.8333 - 0	Pole	TP49.0625x39.8487x0.375	4	-41060	3559594	70.9	Pass
							Summary	
						Pole (L4)	70.9	Pass
						RATING =	**70.9**	**Pass**

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Slip Splice Connection	101.1	25.2	Pass
1,2	Slip Splice Connection	66.5	58.4	Pass
1,2	Slip Splice Connection	32.8	65.0	Pass
1,2	Anchor Rods	-	73.5	Pass
1,2	Base Plate	-	64.5	Pass
1,2	Base Foundation Soil Interaction	-	55.6	Pass
1,2	Base Foundation Structural	-	73.8	Pass

Structure Rating (max from all components) =	73.8%

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

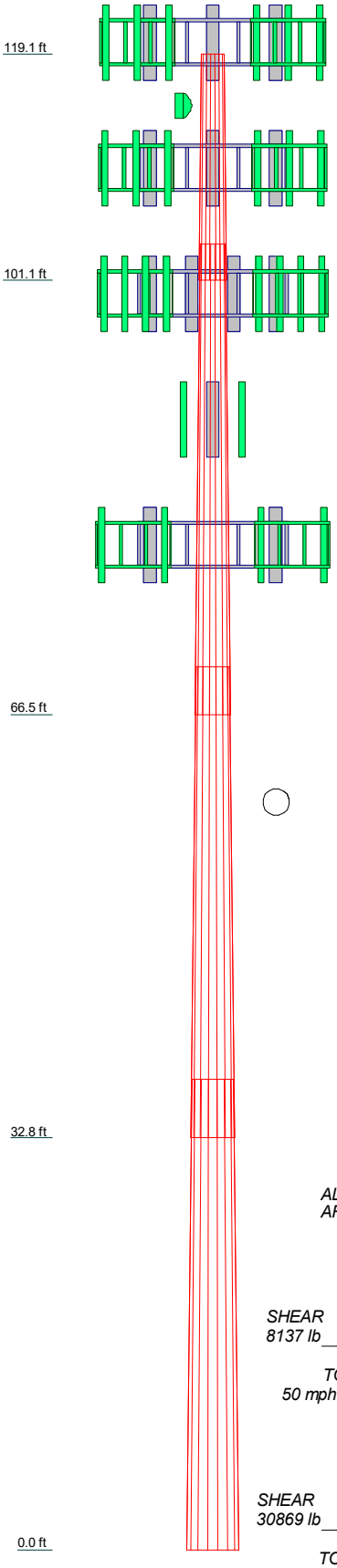
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (lb)
1	18.00	18	0.2500	2.92	22.1300	26.0000		1157.5
2	37.50	18	0.3125	3.83	24.8729	34.0625		3690.1
3	37.50	18	0.3750	4.67	32.4981	41.7500	A572-65	5581.5
4	37.50	18	0.3750		39.8487	49.0625		6695.0
								17124.1



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower designed for Exposure C to the TIA-222-H Standard.
2. Tower designed for a 125 mph basic wind in accordance with the TIA-222-H Standard.
3. Tower is also designed for a 50 mph basic wind with 2.00 in ice. Ice is considered to increase in thickness with height.
4. Deflections are based upon a 60 mph wind.
5. Tower Risk Category II.
6. Topographic Category 1 with Crest Height of 0.00 ft
7. TOWER RATING: 70.9%

Tower Engineering Professionals

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

Job:	***West Hartford/I-84/X43 (BU 829013)***		
Project:	***TEP No. 25680.424729***		
Client: Crown Castle	Drawn by: Julie C. Ryland	App'd:	
Code: TIA-222-H	Date: 06/17/20	Scale: NTS	
Path:		Dwg No. E-1	

Tower Input Data

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

Tower base elevation above sea level: 119.00 ft.
Basic wind speed of 125 mph.
Risk Category II.
Exposure Category C.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 2.0000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.05.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	119.08-101.08	18.00	2.92	18	22.1300	26.0000	0.2500	1.0000	A572-65 (65 ksi)
L2	101.08-66.50	37.50	3.83	18	24.8729	34.0625	0.3125	1.2500	A572-65 (65 ksi)
L3	66.50-32.83	37.50	4.67	18	32.4981	41.7500	0.3750	1.5000	A572-65 (65 ksi)
L4	32.83-0.00	37.50		18	39.8487	49.0625	0.3750	1.5000	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	22.4328	17.3618	1050.0895	7.7674	11.2420	93.4074	2101.5608	8.6825	3.4549	13.82
	26.3625	20.4326	1711.6544	9.1412	13.2080	129.5922	3425.5610	10.2183	4.1360	16.544
L2	25.9342	24.3609	1856.5284	8.7189	12.6354	146.9302	3715.4997	12.1827	3.8276	12.248
	34.5398	33.4758	4817.4335	11.9812	17.3038	278.4040	9641.2058	16.7411	5.4450	17.424
L3	33.9019	38.2345	4984.5826	11.4037	16.5090	301.9304	9975.7241	19.1209	5.0597	13.492
	42.3362	49.2466	10650.9822	14.6881	21.2090	502.1916	21315.9793	24.6280	6.6880	17.835
L4	41.5698	46.9835	9249.0614	14.0131	20.2431	456.8991	18510.2930	23.4962	6.3534	16.942
	49.7615	57.9503	17355.1378	17.2841	24.9238	696.3293	34733.1119	28.9807	7.9750	21.267

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 119.08-101.08				1	1	1			
L2 101.08-66.50				1	1	1			
L3 66.50-32.83				1	1	1			
L4 32.83-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
Safety Line 3/8	B	No	Surface Ar (CaAa)	119.00 - 0.00	1	1	0.250 0.250	0.3750		0
Rung 5/8" dia. x 12.5"w x 16" step *** 120' ***	B	No	Surface Ar (CaAa)	119.00 - 0.00	1	1	0.250 0.250	0.4690		1
LDF7-50A(1-5/8) *** 115' ***	A	No	Surface Ar (CaAa)	119.08 - 0.00	4	4	0.500 0.500	1.9800		1
LDF4-50A(1/2")	B	No	Surface Ar (CaAa)	115.00 - 0.00	1	1	0.000 0.000	0.6300		0
HB158-1-08U8-S8J18(1-5/8)	C	No	Surface Ar (CaAa)	100.00 - 0.00	1	1	0.000 0.000	1.9800		1

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
*** 90' ***										
DSHYBKIT-18612-XXM(7/8)	C	No	Surface Ar (CaAa)	90.00 - 0.00	1	1	0.500 0.500	0.8750		1
9207(5/16")	B	No	Surface Ar (CaAa)	80.00 - 0.00	3	3	0.000 0.000	0.3300		1
2" Flexible Conduit	B	No	Surface Ar (CaAa)	80.00 - 0.00	2	2	-0.250 -0.250	2.0000		0
***										

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
*** 110' ***									
LDF7-50A(1-5/8")	C	No	No	Inside Pole	110.00 - 0.00	12	No Ice	0.00	1
							1/2" Ice	0.00	1
							1" Ice	0.00	1
							2" Ice	0.00	1
WR-VG122ST-BRDA(7/16")	C	No	No	Inside Pole	110.00 - 0.00	2	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
FB-L98B-002-XXX(3/8)	C	No	No	Inside Pole	110.00 - 0.00	2	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
2.5" Flexible Conduit	C	No	No	Inside Pole	110.00 - 0.00	3	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
WR-VG86ST-BRD(3/4)	C	No	No	Inside Pole	110.00 - 0.00	4	No Ice	0.00	1
							1/2" Ice	0.00	1
							1" Ice	0.00	1
							2" Ice	0.00	1
*** 100' ***									
LDF7-50A(1-5/8")	C	No	No	Inside Pole	100.00 - 0.00	12	No Ice	0.00	1
							1/2" Ice	0.00	1
							1" Ice	0.00	1
							2" Ice	0.00	1
*** 80' ***									
7957A(5/16")	B	No	No	Inside Pole	80.00 - 0.00	3	No Ice	0.00	0
							1/2" Ice	0.00	0
							1" Ice	0.00	0
							2" Ice	0.00	0
HB158-21U6M48-30F(1-5/8)	B	No	No	Inside Pole	80.00 - 0.00	3	No Ice	0.00	2
							1/2" Ice	0.00	2
							1" Ice	0.00	2
							2" Ice	0.00	2
***									

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 lb
L1	119.08-101.08	A	0.000	0.000	14.256	0.000	59
		B	0.000	0.000	2.389	0.000	20
		C	0.000	0.000	0.000	0.000	122
L2	101.08-66.50	A	0.000	0.000	27.390	0.000	113
		B	0.000	0.000	11.834	0.000	173
		C	0.000	0.000	8.689	0.000	877
L3	66.50-32.83	A	0.000	0.000	26.664	0.000	110
		B	0.000	0.000	21.762	0.000	369
		C	0.000	0.000	9.612	0.000	878
L4	32.83-0.00	A	0.000	0.000	26.004	0.000	108
		B	0.000	0.000	21.223	0.000	360
		C	0.000	0.000	9.374	0.000	857

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 lb
L1	119.08-101.08	A	1.917	0.000	0.000	26.448	0.000	400
		B		0.000	0.000	21.465	0.000	300
		C		0.000	0.000	0.000	0.000	122
L2	101.08-66.50	A	1.865	0.000	0.000	50.814	0.000	769
		B		0.000	0.000	66.242	0.000	1011
		C		0.000	0.000	30.546	0.000	1336
L3	66.50-32.83	A	1.770	0.000	0.000	49.024	0.000	728
		B		0.000	0.000	95.015	0.000	1518
		C		0.000	0.000	34.722	0.000	1383
L4	32.83-0.00	A	1.585	0.000	0.000	47.032	0.000	675
		B		0.000	0.000	89.239	0.000	1390
		C		0.000	0.000	32.617	0.000	1311

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	119.08-101.08	0.6473	-4.4086	2.2755	-3.4294
L2	101.08-66.50	0.9840	-3.7763	2.3561	-2.5679
L3	66.50-32.83	1.6759	-4.7769	3.0249	-3.4478
L4	32.83-0.00	1.7930	-5.0967	3.3256	-3.8558

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	1	Safety Line 3/8	101.08 - 119.00	1.0000	1.0000
L1	2	Rung 5/8" dia. x 12.5"w x 16" step	101.08 - 119.00	1.0000	1.0000
L1	4	LDF7-50A(1-5/8)	101.08 - 119.08	1.0000	1.0000
L1	8	LDF4-50A(1/2")	101.08 - 115.00	1.0000	1.0000
L1	17	HB158-1-08U8-S8J18(1-5/8)	101.08 - 100.00	1.0000	1.0000
L1	20	DSHYBKIT-18612-XXM(7/8)	101.08 - 90.00	1.0000	1.0000
L1	25	9207(5/16")	101.08 - 80.00	1.0000	1.0000
L1	26	2" Flexible Conduit	101.08 - 80.00	1.0000	1.0000
L2	1	Safety Line 3/8	66.50 - 101.08	1.0000	1.0000
L2	2	Rung 5/8" dia. x 12.5"w x 16" step	66.50 - 101.08	1.0000	1.0000
L2	4	LDF7-50A(1-5/8)	66.50 - 101.08	1.0000	1.0000
L2	8	LDF4-50A(1/2")	66.50 - 101.08	1.0000	1.0000
L2	17	HB158-1-08U8-S8J18(1-5/8)	66.50 - 100.00	1.0000	1.0000
L2	20	DSHYBKIT-18612-XXM(7/8)	66.50 - 90.00	1.0000	1.0000
L2	25	9207(5/16")	66.50 - 80.00	1.0000	1.0000
L2	26	2" Flexible Conduit	66.50 - 80.00	1.0000	1.0000
L3	1	Safety Line 3/8	32.83 - 66.50	1.0000	1.0000
L3	2	Rung 5/8" dia. x 12.5"w x 16" step	32.83 - 66.50	1.0000	1.0000
L3	4	LDF7-50A(1-5/8)	32.83 - 66.50	1.0000	1.0000
L3	8	LDF4-50A(1/2")	32.83 - 66.50	1.0000	1.0000
L3	17	HB158-1-08U8-S8J18(1-5/8)	32.83 - 66.50	1.0000	1.0000
L3	20	DSHYBKIT-18612-XXM(7/8)	32.83 - 66.50	1.0000	1.0000
L3	25	9207(5/16")	32.83 - 66.50	1.0000	1.0000
L3	26	2" Flexible Conduit	32.83 - 66.50	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
120									
AIR -32 B2A/B66AA w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.75 7.20 7.65 8.57	6.07 6.87 7.58 9.06	153 214 282 441
AIR -32 B2A/B66AA w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.75 7.20 7.65 8.57	6.07 6.87 7.58 9.06	153 214 282 441
AIR -32 B2A/B66AA w/	C	From	4.00	0.0000	120.00	No Ice	6.75	6.07	153

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 lb
Mount Pipe		Centroid-Face	0.00 0.00			1/2" Ice 1" Ice 2" Ice	7.20 7.65 8.57	6.87 7.58 9.06	214 282 441
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 15.46 16.23 17.82	6.87 7.55 8.25 9.67	186 315 458 788
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 15.46 16.23 17.82	6.87 7.55 8.25 9.67	186 315 458 788
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 15.46 16.23 17.82	6.87 7.55 8.25 9.67	186 315 458 788
AIR6449 B41 w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.95 6.33 6.72 7.52	3.36 3.83 4.32 5.34	119 168 224 353
AIR6449 B41 w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.95 6.33 6.72 7.52	3.36 3.83 4.32 5.34	119 168 224 353
AIR6449 B41 w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.95 6.33 6.72 7.52	3.36 3.83 4.32 5.34	119 168 224 353
AIR 3246 B66 w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.18 8.66 9.12 10.09	6.56 7.39 8.13 9.65	201 272 349 529
AIR 3246 B66 w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.18 8.66 9.12 10.09	6.56 7.39 8.13 9.65	201 272 349 529
AIR 3246 B66 w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.18 8.66 9.12 10.09	6.56 7.39 8.13 9.65	201 272 349 529
RADIO 4449 B71/B85A	A	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.33	1.31 1.46 1.61 1.94	75 92 112 161
RADIO 4449 B71/B85A	B	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.33	1.31 1.46 1.61 1.94	75 92 112 161
RADIO 4449 B71/B85A	C	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.33	1.31 1.46 1.61 1.94	75 92 112 161
RRUS 4415 B25_CCIV2	A	From Centroid-Face	4.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	0.82 0.94 1.07 1.37	46 60 77 118
RRUS 4415 B25_CCIV2	B	From Centroid-Face	4.00 0.00	0.0000	120.00	No Ice 1/2" Ice	1.84 2.01	0.82 0.94	46 60

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
		ce	0.00			1" Ice	2.19	1.07	77
						2" Ice	2.57	1.37	118
RRUS 4415 B25_CCIV2	C	From	4.00	0.0000	120.00	No Ice	1.84	0.82	46
		Centroid-Fa	0.00			1/2" Ice	2.01	0.94	60
		ce	0.00			1" Ice	2.19	1.07	77
						2" Ice	2.57	1.37	118
2.4" Dia x 6-ft Mount Pipe	B	From	4.00	0.0000	120.00	No Ice	1.43	1.43	22
		Centroid-Fa	0.00			1/2" Ice	1.93	1.93	33
		ce	0.00			1" Ice	2.30	2.30	48
						2" Ice	3.06	3.06	90
2.4" Dia x 8.5-ft Mount Pipe	B	From Leg	1.00	0.0000	120.00	No Ice	2.02	2.02	26
			0.00			1/2" Ice	2.90	2.90	41
			3.00			1" Ice	3.71	3.71	62
						2" Ice	4.76	4.76	121
Platform Mount [LP 404-1_KCKR]	C	None		0.0000	120.00	No Ice	35.82	35.82	2318
						1/2" Ice	45.85	45.85	3016
						1" Ice	55.76	55.76	3886
						2" Ice	75.77	75.77	6142
115									
ODU600	C	From Leg	0.50	0.0000	115.00	No Ice	0.90	0.42	11
			0.00			1/2" Ice	1.02	0.51	19
			0.00			1" Ice	1.15	0.61	28
						2" Ice	1.42	0.82	54
(2) 2.4" Dia x 6-ft Mount Pipe	C	From Leg	0.50	0.0000	115.00	No Ice	1.43	1.43	22
			0.00			1/2" Ice	1.93	1.93	33
			0.00			1" Ice	2.30	2.30	48
						2" Ice	3.06	3.06	90
Side Arm Mount [SO 102-3]	C	None		0.0000	115.00	No Ice	3.60	3.60	75
						1/2" Ice	4.18	4.18	105
						1" Ice	4.75	4.75	135
						2" Ice	5.90	5.90	195
110									
80010965 w/ Mount Pipe	A	From	4.00	0.0000	110.00	No Ice	12.26	5.79	136
		Centroid-Fa	0.00			1/2" Ice	13.03	6.47	226
		ce	2.00			1" Ice	13.80	7.17	328
						2" Ice	15.41	8.60	570
80010966 w/ Mount Pipe	B	From	4.00	0.0000	110.00	No Ice	14.61	6.84	159
		Centroid-Fa	0.00			1/2" Ice	15.47	7.63	267
		ce	2.00			1" Ice	16.35	8.42	389
						2" Ice	18.14	10.06	677
80010965 w/ Mount Pipe	C	From	4.00	0.0000	110.00	No Ice	12.26	5.79	136
		Centroid-Fa	0.00			1/2" Ice	13.03	6.47	226
		ce	2.00			1" Ice	13.80	7.17	328
						2" Ice	15.41	8.60	570
7770.00	A	From	4.00	0.0000	110.00	No Ice	5.51	2.93	35
		Centroid-Fa	0.00			1/2" Ice	5.87	3.27	68
		ce	2.00			1" Ice	6.23	3.63	105
						2" Ice	6.99	4.35	195
7770.00	B	From	4.00	0.0000	110.00	No Ice	5.51	2.93	35
		Centroid-Fa	0.00			1/2" Ice	5.87	3.27	68
		ce	2.00			1" Ice	6.23	3.63	105
						2" Ice	6.99	4.35	195
7770.00	C	From	4.00	0.0000	110.00	No Ice	5.51	2.93	35
		Centroid-Fa	0.00			1/2" Ice	5.87	3.27	68
		ce	2.00			1" Ice	6.23	3.63	105
						2" Ice	6.99	4.35	195
QS66512-2 w/ Mount Pipe	A	From	4.00	0.0000	110.00	No Ice	4.04	4.18	137

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 lb
		Centroid-Face	0.00			1/2" Ice	4.42	4.57	206
			2.00			1" Ice	4.82	4.97	287
						2" Ice	5.63	5.79	482
TPA-65R-LCUUUU-H8 w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	11.85 12.77 13.71 15.64	8.99 9.88 10.79 12.66	115 210 319 580
QS66512-2 w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.04 4.42 4.82 5.63	4.18 4.57 4.97 5.79	137 206 287 482
(2) TPX-070821	A	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.47 0.56 0.66 0.87	0.10 0.15 0.20 0.33	8 11 16 30
(2) TPX-070821	B	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.47 0.56 0.66 0.87	0.10 0.15 0.20 0.33	8 11 16 30
(2) TPX-070821	C	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.47 0.56 0.66 0.87	0.10 0.15 0.20 0.33	8 11 16 30
RRUS 32	A	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.86 3.08 3.32 3.81	1.78 1.97 2.17 2.58	55 77 103 165
RRUS 32	B	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.86 3.08 3.32 3.81	1.78 1.97 2.17 2.58	55 77 103 165
RRUS 32	C	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.86 3.08 3.32 3.81	1.78 1.97 2.17 2.58	55 77 103 165
RRUS 4449 B5/B12	A	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	71 90 111 163
RRUS 4449 B5/B12	B	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	71 90 111 163
RRUS 4449 B5/B12	C	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	71 90 111 163
RRUS 8843 B2/B66A	A	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	72 90 110 159
RRUS 8843 B2/B66A	B	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	72 90 110 159
RRUS 8843 B2/B66A	C	From Centroid-Face	4.00 0.00	0.0000	110.00	No Ice 1/2" Ice	1.64 1.80	1.35 1.50	72 90

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 lb
		ce	2.00			1" Ice	1.97	1.65	110
						2" Ice	2.32	1.99	159
(2) LGP21401	A	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.24 1.38 1.69	0.21 0.27 0.35 0.52	14 21 30 55
(2) LGP21401	B	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.24 1.38 1.69	0.21 0.27 0.35 0.52	14 21 30 55
(2) LGP21401	C	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.24 1.38 1.69	0.21 0.27 0.35 0.52	14 21 30 55
DC6-48-60-18-8F	A	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.21 1.89 2.11 2.57	1.21 1.89 2.11 2.57	33 55 80 138
DC6-48-60-18-8F	B	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.21 1.89 2.11 2.57	1.21 1.89 2.11 2.57	33 55 80 138
DC6-48-60-18-8F	C	From Centroid-Face	4.00 0.00 2.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.21 1.89 2.11 2.57	1.21 1.89 2.11 2.57	33 55 80 138
(2) 2.4" Dia. x 10-ft Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.38 3.40 4.45 5.91	2.38 3.40 4.45 5.91	37 54 79 148
(2) 2.4" Dia. x 10-ft Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.38 3.40 4.45 5.91	2.38 3.40 4.45 5.91	37 54 79 148
(2) 2.4" Dia. x 10-ft Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.38 3.40 4.45 5.91	2.38 3.40 4.45 5.91	37 54 79 148
Platform Mount [LP 303-1]	C	None		0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 18.01 21.34 28.08	14.69 18.01 21.34 28.08	1250 1569 1942 2852
Walkway Kit	C	None		0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	10.54 13.60 16.46 22.18	10.54 13.60 16.46 22.18	318 472 657 1027
100 BXA-80063-4BF-EDIN-X w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.62 4.99 5.36 6.13	3.47 4.04 4.63 5.83	30 70 116 227
BXA-80063-4BF-EDIN-X w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.62 4.99 5.36 6.13	3.47 4.04 4.63 5.83	30 70 116 227
BXA-80063-4BF-EDIN-X w/ Mount Pipe	C	From Centroid-Face	4.00 0.00	0.0000	100.00	No Ice 1/2" Ice	4.62 4.99	3.47 4.04	30 70

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 lb
		ce	0.00			1" Ice	5.36	4.63	116
						2" Ice	6.13	5.83	227
LNX-6514DS-T4M w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.71	3.30 3.68 4.06 4.87	65 128 202 383
LNX-6514DS-T4M w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.71	3.30 3.68 4.06 4.87	65 128 202 383
BXA-70063-6CF-EDIN-0 w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.81 8.36 8.87 9.93	5.80 6.95 7.82 9.60	42 103 171 335
(2) SBNHH-1D65B w/ Mount Pipe	A	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.72	3.30 3.68 4.07 4.87	66 130 204 386
(2) SBNHH-1D65B w/ Mount Pipe	B	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.72	3.30 3.68 4.07 4.87	66 130 204 386
(2) SBNHH-1D65B w/ Mount Pipe	C	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.49 4.89 5.72	3.30 3.68 4.07 4.87	66 130 204 386
B4 RRH2X60-4R	A	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.36 3.61 3.88 4.42	2.00 2.24 2.48 2.97	55 78 105 170
B4 RRH2X60-4R	B	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.36 3.61 3.88 4.42	2.00 2.24 2.48 2.97	55 78 105 170
B4 RRH2X60-4R	C	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.36 3.61 3.88 4.42	2.00 2.24 2.48 2.97	55 78 105 170
B13 RRH 4X30	A	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.06 2.24 2.43 2.84	1.32 1.48 1.64 2.00	56 73 93 142
B13 RRH 4X30	B	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.06 2.24 2.43 2.84	1.32 1.48 1.64 2.00	56 73 93 142
B13 RRH 4X30	C	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.06 2.24 2.43 2.84	1.32 1.48 1.64 2.00	56 73 93 142
RRFDC-3315-PF-48	B	From Centroid-Face	4.00 0.00 0.00	0.0000	100.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.36 3.60 3.84 4.34	2.19 2.39 2.61 3.05	21 50 82 158
Platform Mount [LP 403-1]	C	None		0.0000	100.00	No Ice 1/2" Ice 1" Ice	18.94 23.31 27.74	18.94 23.31 27.74	1500 1902 2374

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 lb
						2" Ice	36.77	36.77	3530
90									
ODI2-065R18K-GQ w/ Mount Pipe	A	From Leg	1.50 0.00 0.00	0.0000	90.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.06 5.46 5.86 6.68	3.13 3.77 4.42 5.79	94 135 182 295
ODI2-065R18K-GQ w/ Mount Pipe	B	From Leg	1.50 0.00 0.00	0.0000	90.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.06 5.46 5.86 6.68	3.13 3.77 4.42 5.79	94 135 182 295
ODI2-065R18K-GQ w/ Mount Pipe	C	From Leg	1.50 0.00 0.00	0.0000	90.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.06 5.46 5.86 6.68	3.13 3.77 4.42 5.79	94 135 182 295
RADIO 4415	A	From Leg	1.50 0.00 0.00	0.0000	90.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.86 2.03 2.20 2.58	0.87 1.00 1.14 1.44	50 64 81 124
RADIO 4415	B	From Leg	1.50 0.00 0.00	0.0000	90.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.86 2.03 2.20 2.58	0.87 1.00 1.14 1.44	50 64 81 124
RADIO 4415	C	From Leg	1.50 0.00 0.00	0.0000	90.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.86 2.03 2.20 2.58	0.87 1.00 1.14 1.44	50 64 81 124
RADIO 0208	A	From Leg	1.50 0.00 0.00	0.0000	90.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.40 1.55 1.70 2.04	0.38 0.47 0.57 0.80	20 29 40 69
RADIO 0208	B	From Leg	1.50 0.00 0.00	0.0000	90.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.40 1.55 1.70 2.04	0.38 0.47 0.57 0.80	20 29 40 69
RADIO 0208	C	From Leg	1.50 0.00 0.00	0.0000	90.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.40 1.55 1.70 2.04	0.38 0.47 0.57 0.80	20 29 40 69
Side Arm Mount [SO 201-3]	C	None		0.0000	90.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.27 6.47 7.78 10.66	5.27 6.47 7.78 10.66	288 349 431 663
80									
LLPX310R-V4 w/ Mount Pipe	A	From Leg	2.00 0.00 1.00	0.0000	80.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.88 4.29 4.72 5.61	2.36 2.73 3.12 3.94	57 91 133 238
LLPX310R-V4 w/ Mount Pipe	B	From Leg	2.00 0.00 1.00	0.0000	80.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.88 4.29 4.72 5.61	2.36 2.73 3.12 3.94	57 91 133 238
LLPX310R-V4 w/ Mount Pipe	C	From Leg	2.00 0.00 1.00	0.0000	80.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.88 4.29 4.72 5.61	2.36 2.73 3.12 3.94	57 91 133 238
NNVV-65B-R4 w/ Mount Pipe	A	From Leg	2.00 0.00	0.0000	80.00	No Ice 1/2" Ice	7.55 8.04	4.23 4.67	110 197

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 lb
			1.00			1" Ice	8.53	5.12	296
						2" Ice	9.56	6.05	529
NNVV-65B-R4 w/ Mount Pipe	B	From Leg	2.00	0.0000	80.00	No Ice	7.55	4.23	110
			0.00			1/2" Ice	8.04	4.67	197
			1.00			1" Ice	8.53	5.12	296
						2" Ice	9.56	6.05	529
NNVV-65B-R4 w/ Mount Pipe	C	From Leg	2.00	0.0000	80.00	No Ice	7.55	4.23	110
			0.00			1/2" Ice	8.04	4.67	197
			1.00			1" Ice	8.53	5.12	296
						2" Ice	9.56	6.05	529
CW JUNCTION BOX	A	From Leg	2.00	0.0000	80.00	No Ice	1.20	0.60	0
			0.00			1/2" Ice	1.34	0.70	10
			0.00			1" Ice	1.48	0.81	23
						2" Ice	1.79	1.06	55
(2) AAHC	A	From Leg	2.00	0.0000	80.00	No Ice	4.21	2.07	104
			0.00			1/2" Ice	4.47	2.26	136
			1.00			1" Ice	4.73	2.47	172
						2" Ice	5.28	2.90	256
AAHC	B	From Leg	2.00	0.0000	80.00	No Ice	4.21	2.07	104
			0.00			1/2" Ice	4.47	2.26	136
			1.00			1" Ice	4.73	2.47	172
						2" Ice	5.28	2.90	256
AHFIB_CCIV2	A	From Leg	2.00	0.0000	80.00	No Ice	2.79	1.53	66
			0.00			1/2" Ice	3.01	1.71	87
			1.00			1" Ice	3.24	1.90	111
						2" Ice	3.72	2.29	168
AHFIB_CCIV2	B	From Leg	2.00	0.0000	80.00	No Ice	2.79	1.53	66
			0.00			1/2" Ice	3.01	1.71	87
			1.00			1" Ice	3.24	1.90	111
						2" Ice	3.72	2.29	168
AHFIB_CCIV2	C	From Leg	2.00	0.0000	80.00	No Ice	2.79	1.53	66
			0.00			1/2" Ice	3.01	1.71	87
			1.00			1" Ice	3.24	1.90	111
						2" Ice	3.72	2.29	168
WIMAX DAP HEAD	A	From Leg	2.00	0.0000	80.00	No Ice	1.55	0.68	33
			0.00			1/2" Ice	1.70	0.80	45
			0.00			1" Ice	1.87	0.92	58
						2" Ice	2.22	1.19	94
WIMAX DAP HEAD	B	From Leg	2.00	0.0000	80.00	No Ice	1.55	0.68	33
			0.00			1/2" Ice	1.70	0.80	45
			0.00			1" Ice	1.87	0.92	58
						2" Ice	2.22	1.19	94
WIMAX DAP HEAD	C	From Leg	2.00	0.0000	80.00	No Ice	1.55	0.68	33
			0.00			1/2" Ice	1.70	0.80	45
			0.00			1" Ice	1.87	0.92	58
						2" Ice	2.22	1.19	94
Side Arm Mount [SO 101-3]	C	None		0.0000	80.00	No Ice	5.81	5.81	252
						1/2" Ice	6.95	6.95	341
						1" Ice	8.28	8.28	457
						2" Ice	11.54	11.54	780
***									

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral / Vert (ft)	Azimuth Adjustment (°)	3 dB Beam Width (°)	Elevation (ft)	Outside Diameter (ft)		Aperture Area (ft^2)	Weight (lb)
*** 115' ***											
VHLP2-18	C	Paraboloid w/Shroud (HP)	From Leg	1.00 0.00 0.00	-17.0000		115.00	2.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.14 3.41 3.68 4.21	31 49 66 101
***											

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service

Comb. No.	Description
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	119.083 - 101.083	15.3783	42	1.1086	0.0022
L2	104 - 66.5	11.9332	42	1.0565	0.0018
L3	70.3333 - 32.8333	5.4687	42	0.7333	0.0009
L4	37.5 - 0	1.5660	42	0.3840	0.0003

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
120.00	AIR -32 B2A/B66AA w/ Mount Pipe	42	15.3783	1.1086	0.0022	24643
115.00	VHLP2-18	42	14.4318	1.0983	0.0021	24643
110.00	80010965 w/ Mount Pipe	42	13.2824	1.0830	0.0020	13565
100.00	BXA-80063-4BF-EDIN-X w/ Mount Pipe	42	11.0610	1.0317	0.0017	7685
90.00	ODI2-065R18K-GQ w/ Mount Pipe	42	8.9926	0.9475	0.0014	6689
80.00	LLPX310R-V4 w/ Mount Pipe	42	7.1032	0.8423	0.0011	5922

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	119.083 - 101.083	71.2639	8	5.1420	0.0101
L2	104 - 66.5	55.3040	8	4.9002	0.0086
L3	70.3333 - 32.8333	25.3486	8	3.4006	0.0040
L4	37.5 - 0	7.2579	8	1.7801	0.0015

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
120.00	AIR -32 B2A/B66AA w/ Mount Pipe	8	71.2639	5.1420	0.0101	5400
115.00	VHLP2-18	8	66.8789	5.0940	0.0096	5400
110.00	80010965 w/ Mount Pipe	8	61.5542	5.0232	0.0091	2972
100.00	BXA-80063-4BF-EDIN-X w/ Mount Pipe	8	51.2629	4.7851	0.0081	1681
90.00	ODI2-065R18K-GQ w/ Mount Pipe	8	41.6793	4.3946	0.0068	1461
80.00	LLPX310R-V4 w/ Mount Pipe	8	32.9237	3.9067	0.0053	1291

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
L1	119.083 - 101.083 (1)	TP26x22.13x0.25	18.00	0.00	0.0	19.9350	-10179	1166200	0.009
L2	101.083 - 66.5 (2)	TP34.0625x24.8729x0.3125	37.50	0.00	0.0	32.5440	-20997	1903830	0.011
L3	66.5 - 32.8333 (3)	TP41.75x32.4981x0.375	37.50	0.00	0.0	47.8762	-29428	2800760	0.011
L4	32.8333 - 0 (4)	TP49.0625x39.8487x0.375	37.50	0.00	0.0	57.9503	-41060	3390090	0.012

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} lb-ft	ϕM_{nx} lb-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} lb-ft	ϕM_{ny} lb-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	119.083 - 101.083 (1)	TP26x22.13x0.25	177825	753156	0.236	0	753156	0.000
L2	101.083 - 66.5 (2)	TP34.0625x24.8729x0.3125	892450	1588067	0.562	0	1588067	0.000
L3	66.5 - 32.8333 (3)	TP41.75x32.4981x0.375	1767375	2847925	0.621	0	2847925	0.000
L4	32.8333 - 0 (4)	TP49.0625x39.8487x0.375	2876192	3935250	0.731	0	3935250	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u lb	ϕV_n lb	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u lb-ft	ϕT_n lb-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	119.083 - 101.083 (1)	TP26x22.13x0.25	15151	349860	0.043	99	769740	0.000
L2	101.083 - 66.5 (2)	TP34.0625x24.8729x0.3125	25007	571148	0.044	529	1641133	0.000
L3	66.5 - 32.8333 (3)	TP41.75x32.4981x0.375	28103	840227	0.033	1246	2959775	0.000
L4	32.8333 - 0 (4)	TP49.0625x39.8487x0.375	30898	1017030	0.030	1244	4336408	0.000

Pole Interaction Design Data

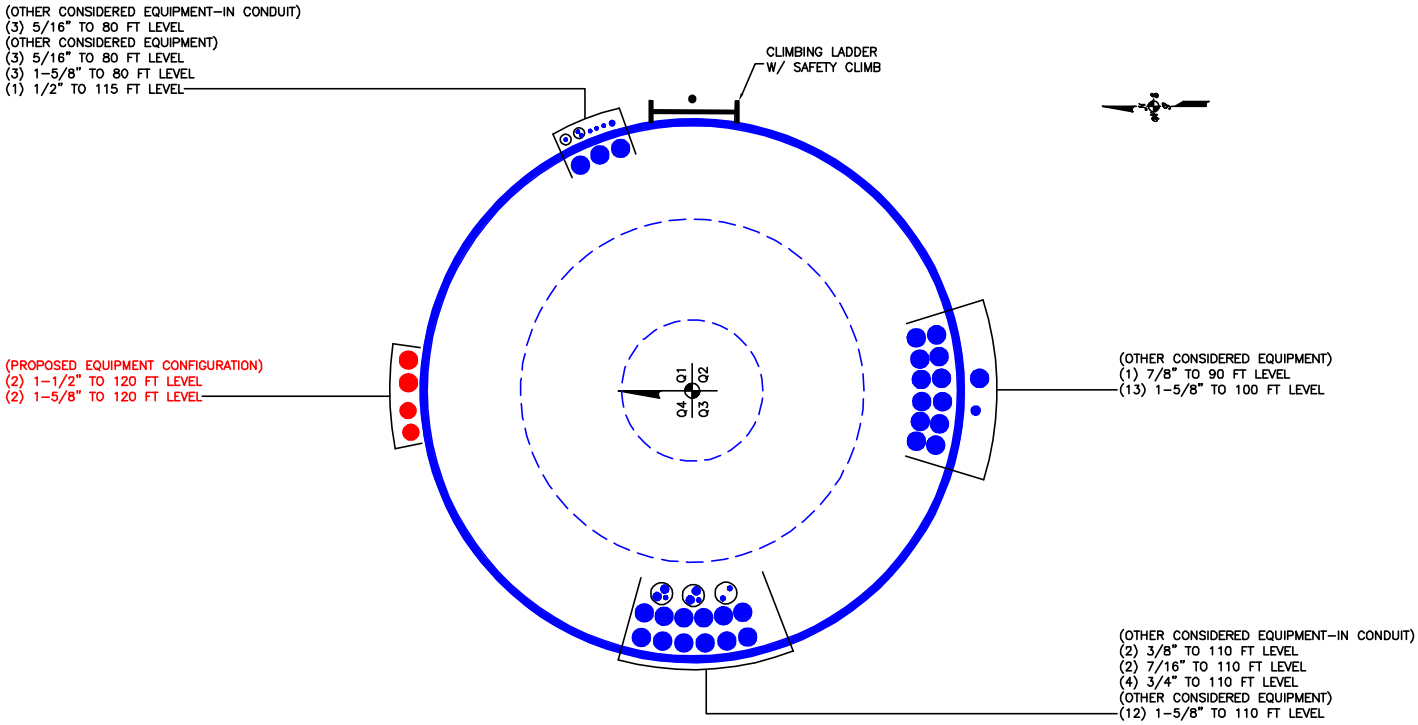
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	119.083 - 101.083 (1)	0.009	0.236	0.000	0.043	0.000	0.247	1.050	4.8.2
L2	101.083 - 66.5 (2)	0.011	0.562	0.000	0.044	0.000	0.575	1.050	4.8.2
L3	66.5 - 32.8333 (3)	0.011	0.621	0.000	0.033	0.000	0.632	1.050	4.8.2
L4	32.8333 - 0 (4)	0.012	0.731	0.000	0.030	0.000	0.744	1.050	4.8.2

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
L1	119.083 - 101.083	Pole	TP26x22.13x0.25	1	-10179	1224510	23.5	Pass
L2	101.083 - 66.5	Pole	TP34.0625x24.8729x0.3125	2	-20997	1999021	54.8	Pass
L3	66.5 - 32.8333	Pole	TP41.75x32.4981x0.375	3	-29428	2940798	60.2	Pass
L4	32.8333 - 0	Pole	TP49.0625x39.8487x0.375	4	-41060	3559594	70.9	Pass
							Summary	
						Pole (L4)	70.9	Pass
						RATING =	**70.9**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT–IN CONDUIT)
(3) 5/16" TO 80 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(3) 5/16" TO 80 FT LEVEL
(3) 1–5/8" TO 80 FT LEVEL
(1) 1/2" TO 115 FT LEVEL
CLIMBING LADDER
W/ SAFETY CLIMB
(PROPOSED EQUIPMENT CONFIGURATION)
(2) 1–1/2" TO 120 FT LEVEL
(2) 1–5/8" TO 120 FT LEVEL
Q1
Q2
Q3
Q4
(OTHER CONSIDERED EQUIPMENT)
(1) 7/8" TO 90 FT LEVEL
(13) 1–5/8" TO 100 FT LEVEL
(OTHER CONSIDERED EQUIPMENT–IN CONDUIT)
(2) 3/8" TO 110 FT LEVEL
(2) 7/16" TO 110 FT LEVEL
(4) 3/4" TO 110 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(12) 1–5/8" TO 110 FT LEVEL

APPENDIX C

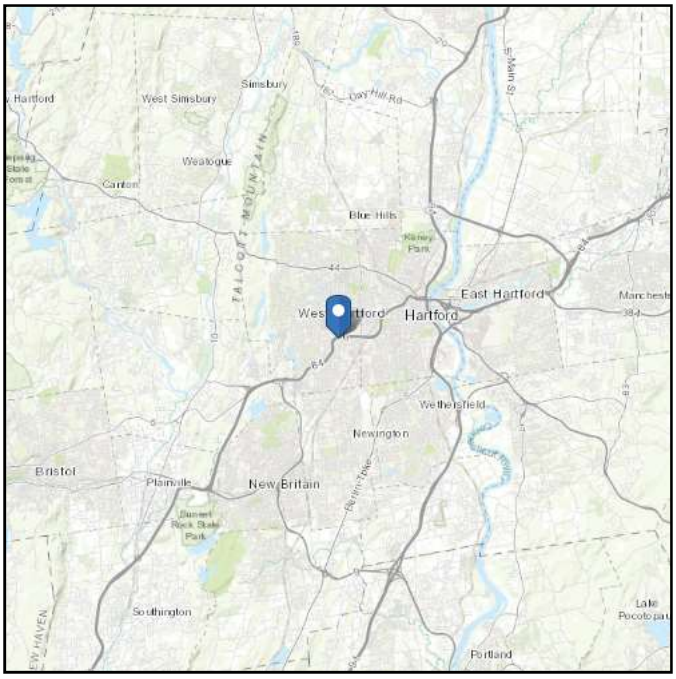
ADDITIONAL CALCULATIONS

ASCE 7 Hazards Report

Address:
No Address at This Location

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

Elevation: 118.67 ft (NAVD 88)
Latitude: 41.748775
Longitude: -72.73135



Wind

Results:

Wind Speed:	122 Vmph
10-year MRI	76 Vmph
25-year MRI	86 Vmph
50-year MRI	92 Vmph
100-year MRI	99 Vmph

Wind speed updated per local jurisdiction requirements

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

Date Accessed: Tue Jun 16 2020

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

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

Mountainous terrain, gorges, ocean promontories, and special wind regions should be examined for unusual wind conditions.

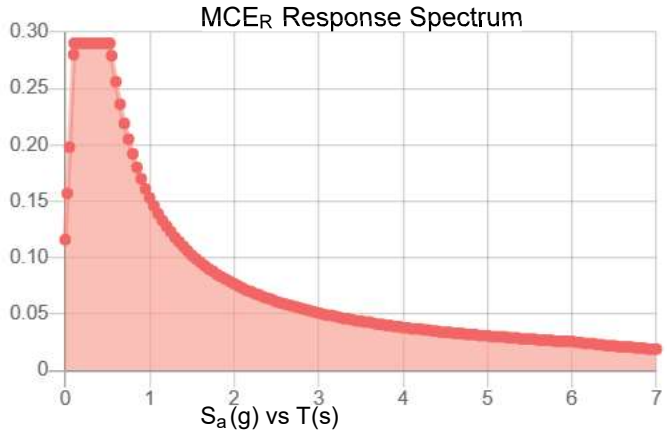
Seismic

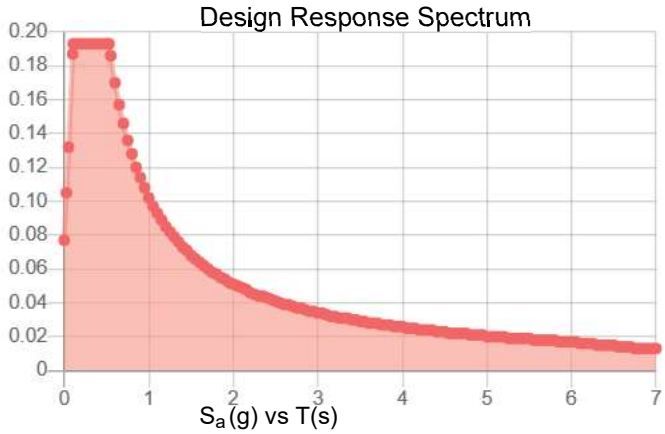
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.181	S_{DS} :	0.193
S_1 :	0.064	S_{D1} :	0.102
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.091
S_{MS} :	0.29	PGA_M :	0.146
S_{M1} :	0.153	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Tue Jun 16 2020

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

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	5 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Tue Jun 16 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.

TOWER ENGINEERING PROFESSIONALS

West Hartford/I-84/X43 (BU 829013)

TEP #: 25680.424729

Analysis: JCR 6/17/2020

Check: MBB 6/17/2020

Tubular Polygonal Members Capacity Check - ANSI/TIA-222-H-2017

Reaction Input

Elevation:	101.1	ft
Moment:	177.83	kip-ft
Axial:	10.18	kip
Shear:	15.15	kip
Torsion:	0.99	kip-ft

Actual Slip-Splice Length: 35.00 in

Required Slip-Splice Length: 38.25 in (per TIA-222-H 4.9.7.1)

Section Properties

Diameter:	26.00	in
Thickness:	0.250	in
No. of Sides:	18	
Flat Width:	4.14	in
Area:	20.43	in^2

Tip Diameter: 26.33 in

Material Properties

F_y:	65	ksi
E:	29000	ksi

Filled w/ Concrete? No

***Rating per TIA-222-H Section 15.5:** 1.05

Check Bending

S: 130.02 in^3

F'$_y$: 71.47 ksi (reduced to account for actual slip-splice length per TIA-222-H 13.3.5)

ϕM_n: 696.93 kip-ft 24.3% **PASS** $0.9*F'_y*S$

Check Axial

ϕP_n: 1314.18 kip 0.7% **PASS** $0.9*F'_y*A_g$

Check Shear

ϕV_n: 358.58 kip 4.0% **PASS** $0.9*0.6*F_y*A_g/2$

Check Torsion

m: 1.58

C_t: 261.91 in^3

ϕT_n: 808.65 kip-ft 0.1% **PASS** $0.95*0.6*F_y*C_t$

Interaction*: 25.2% **PASS** $(P_u/\varphi P_n) + (M_u/\varphi M_n) + [(V_u/\varphi V_n) + T_u/\phi T_n)]^2$

TOWER ENGINEERING PROFESSIONALS

West Hartford/I-84/X43 (BU 829013)

TEP #: 25680.424729

Analysis: JCR 6/17/2020

Check: MBB 6/17/2020

Tubular Polygonal Members Capacity Check - ANSI/TIA-222-H-2017

Reaction Input

Elevation:	66.5	ft
Moment:	892.45	kip-ft
Axial:	21.00	kip
Shear:	25.01	kip
Torsion:	0.53	kip-ft

Actual Slip-Splice Length: 46.00 in

Required Slip-Splice Length: 50.16 in (per TIA-222-H 4.9.7.1)

Section Properties

Diameter:	34.0625	in
Thickness:	0.3125	in
No. of Sides:	18	
Flat Width:	5.46	in
Area:	33.47	in^2

Tip Diameter: 34.50 in

Material Properties

F_y:	65	ksi
E:	29000	ksi

Filled w/ Concrete? No

***Rating per TIA-222-H Section 15.5:** 1.05

Check Bending

S: 279.30 in^3

F'$_y$: 70.82 ksi (reduced to account for actual slip-splice length per TIA-222-H 13.3.5)

ϕM_n: 1483.43 kip-ft 57.3% **PASS** $0.9*F'_y*S$

Check Axial

ϕP_n: 2133.50 kip 0.9% **PASS** $0.9*F'_y*A_g$

Check Shear

ϕV_n: 587.48 kip 4.1% **PASS** $0.9*0.6*F_y*A_g/2$

Check Torsion

m: 1.58

C_t: 562.41 in^3

ϕT_n: 1736.45 kip-ft 0.0% **PASS** $0.95*0.6*F_y*C_t$

Interaction*: 58.4% **PASS** $(P_u/\varphi P_n) + (M_u/\varphi M_n) + [(V_u/\varphi V_n) + T_u/\phi T_n)]^2$

TOWER ENGINEERING PROFESSIONALS

West Hartford/I-84/X43 (BU 829013)

TEP #: 25680.424729

Analysis: JCR 6/17/2020

Check: MBB 6/17/2020

Tubular Polygonal Members Capacity Check - ANSI/TIA-222-H-2017

Reaction Input

Elevation:	32.8	ft
Moment:	1767.38	kip-ft
Axial:	29.43	kip
Shear:	28.10	kip
Torsion:	1.25	kip-ft

Actual Slip-Splice Length: 56.00 in

Required Slip-Splice Length: 61.50 in (per TIA-222-H 4.9.7.1)

Section Properties

Diameter:	41.75	in
Thickness:	0.375	in
No. of Sides:	18	
Flat Width:	6.70	in
Area:	49.24	in^2

Tip Diameter: 42.28 in

Material Properties

F_y:	65	ksi
E:	29000	ksi

Filled w/ Concrete? No

***Rating per TIA-222-H Section 15.5:** 1.05

Check Bending

S: 503.78 in^3

F'_y: 69.60 ksi (reduced to account for actual slip-splice length per TIA-222-H 13.3.5)

ϕM_n: 2629.78 kip-ft 64.0% **PASS** $0.9*F'_y*S$

Check Axial

ϕP_n: 3084.76 kip 0.9% **PASS** $0.9*F'_y*A_g$

Check Shear

ϕV_n: 864.25 kip 3.1% **PASS** $0.9*0.6*F_y*A_g/2$

Check Torsion

m: 1.58

C_t: 1014.30 in^3

ϕT_n: 3131.64 kip-ft 0.0% **PASS** $0.95*0.6*F_y*C_t$

Interaction*: 65.0% **PASS** $(P_u/\varphi P_n) + (M_u/\varphi M_n) + [(V_u/\varphi V_n) + T_u/\phi T_n)]^2$

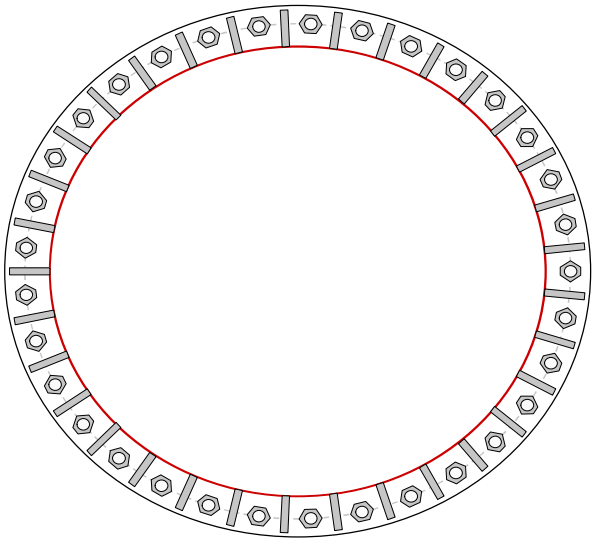
Monopole Base Plate Connection

Site Info	
BU #	829013
Site Name	West Hartford/I-84/X43
Order #	524001 Rev. 1

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	2

Applied Loads	
Moment (kip-ft)	2876.19
Axial Force (kips)	41.08
Shear Force (kips)	30.87

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(33) 1-1/4" ø bolts (A687 N; Fy=105 ksi, Fu=125 ksi) on 54" BC

Base Plate Data

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

Stiffener Data

(33) 12"H x 4"W x 0.75"T, Notch: 0.5"
plate: Fy= 36 ksi ; weld: Fy= 70 ksi
horiz. weld: 0.5" fillet
vert. weld: 0.25" fillet

Pole Data

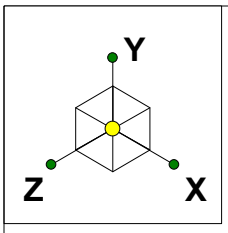
49.0625" x 0.375" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

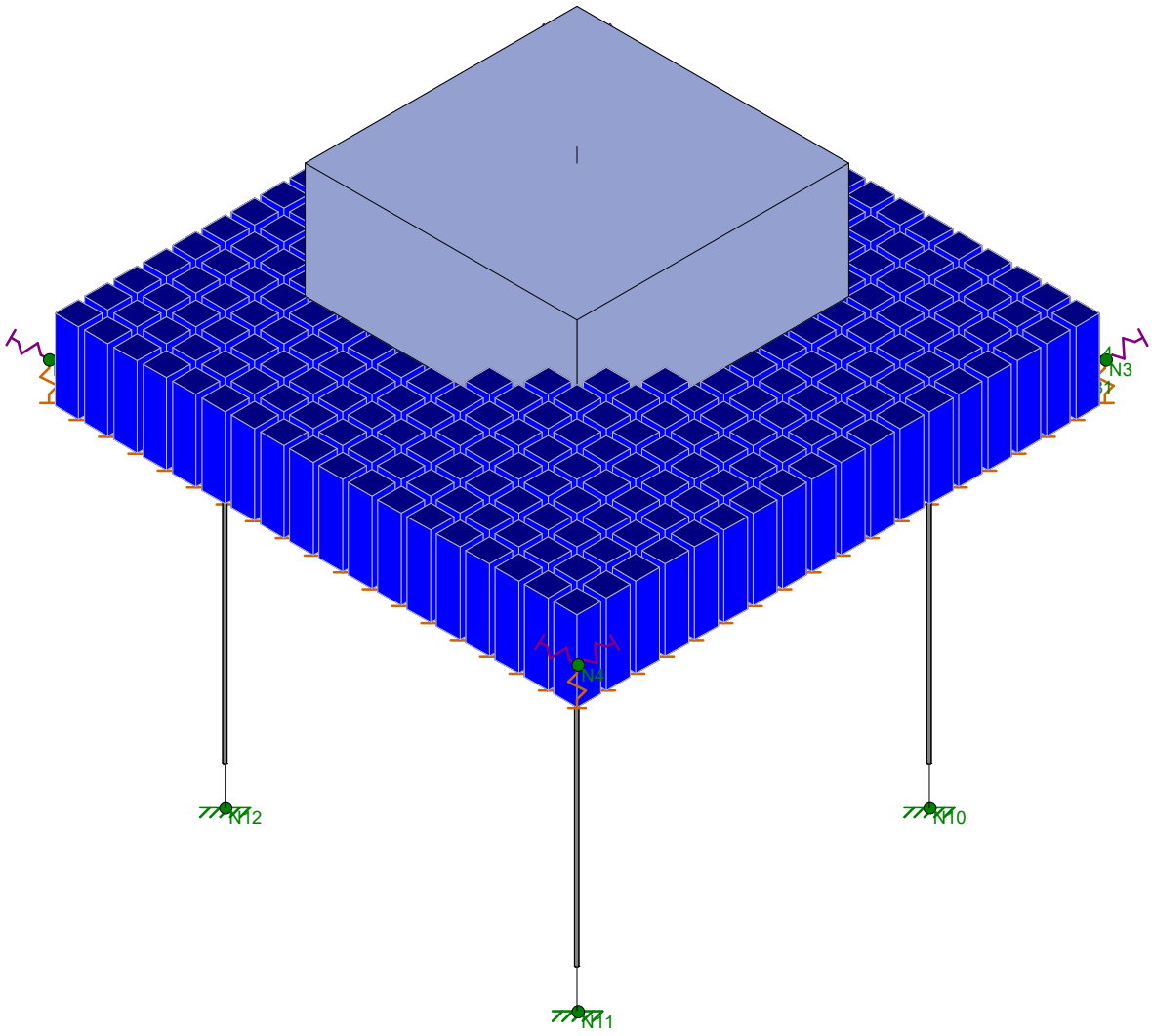
Analysis Results

Anchor Rod Summary		*(units of kips, kip-in)*
Pu_t = 76.21	ϕPn_t = 90.84	**Stress Rating**
Vu = 0.94	ϕVn = 57.52	**73.5%**
Mu = 1.22	ϕMn = 30.76	**Pass**

Base Plate Summary		
Max Stress (ksi):	26.86	(Roark's Flexural)
Allowable Stress (ksi):	45	
Stress Rating:	**56.8%**	**Pass**

Stiffener Summary		
Horizontal Weld:	**64.5%**	**Pass**
Vertical Weld:	**42.9%**	**Pass**
Plate Flexure+Shear:	**16.4%**	**Pass**
Plate Tension+Shear:	**62.9%**	**Pass**
Plate Compression:	**63.1%**	**Pass**
Pole Summary		
Punching Shear:	**7.8%**	**Pass**





Crown Castle	West Hartford/I-84/X43 (BU 829013)	SK - 2
JCR		June 17, 2020 at 11:17 AM
TEP No. 25680.424729		Foundation.r3d

Concrete Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (\1E...	Density[lb/f...	f'c[ksi]	Lambda	Flex Steel[...	Shear Stee...
1	Conc3000NW	3156	1372	.15	.6	145	3	1	60	60
2	Conc3500NW	3409	1482	.15	.6	145	3.5	1	60	60
3	Conc4000NW	3644	1584	.15	.6	145	4	1	60	60
4	Conc3000LW	2085	907	.15	.6	109.999	3	.75	60	60
5	Conc3500LW	2252	979	.15	.6	109.999	3.5	.75	60	60
6	Conc4000LW	2408	1047	.15	.6	109.999	4	.75	60	60

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design ...
1	M1	N8	N12			1" WF Rock	Column	None	A722	Typical
2	M2	N7	N11			1" WF Rock	Column	None	A722	Typical
3	M3	N6	N10			1" WF Rock	Column	None	A722	Typical
4	M4	N5	N9			1" WF Rock	Column	None	A722	Typical
5	M5	TL1	N367			CRECT102X102	Column	Rectangular	Conc3000NW	Typical
6	M6	N367	TOWER			6' rigid offset	Column	None	RIGID	Typical

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Dead	DL		-1		1				324
2	Wind 0	WL				2				
3	Wind 90	WL				2				
4	Wind 45	WL				4				
5	Prestress	None						4		
6	Soil Strength 45	None				37				
7	Soil Strength 0	None				19				
8	Soil Strength 90	None				19				

Load Combinations

	Description	Solve	PD...	SR...	B...	Fac...	B...	Fac...	B...	Fac...	B...	Fac...	B...	Fac...	B...	Fac...	B...	Fac...	B...	Fac...	B...	Fac...	B...	Fac...	B...	Fac...
1	1.2D+1.0Wind 0	Yes	Y		1	1.2	2	1	7	1																
2	1.2D+1.0Wind 90	Yes	Y		1	1.2	3	1	8	1																
3	1.2D+1.0Wind 45	Yes	Y		1	1.2	4	1	6	1																
4	0.9D+1.0Wind 0	Yes	Y		1	.9	2	1	7	1																
5	0.9D+1.0Wind 90	Yes	Y		1	.9	3	1	8	1																
6	0.9D+1.0Wind 45	Yes	Y		1	.9	4	1	6	1																
7	Prestress	Yes	Y		5	1																				

Joint Loads and Enforced Displacements (BLC 1 : Dead)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
1	TL1	L	Y	-34.217

Joint Loads and Enforced Displacements (BLC 2 : Wind 0)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
1	TL1	L	X	30.869

Joint Loads and Enforced Displacements (BLC 2 : Wind 0) (Continued)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
2	TL1	L	Mz	-2876.188

Joint Loads and Enforced Displacements (BLC 3 : Wind 90)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
1	TL1	L	Z	30.869
2	TL1	L	Mx	2876.188

Joint Loads and Enforced Displacements (BLC 4 : Wind 45)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
1	TL1	L	X	21.828
2	TL1	L	Mz	-2033.722
3	TL1	L	Z	21.828
4	TL1	L	Mx	2033.722

Joint Loads and Enforced Displacements (BLC 6 : Soil Strength 45)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
1	N1	L	Y	-.706
2	N2	L	Y	-.706
3	N31	L	Y	-.706
4	N32	L	Y	-.706
5	N33	L	Y	-.706
6	N34	L	Y	-.706
7	N35	L	Y	-.706
8	N36	L	Y	-.706
9	N37	L	Y	-.706
10	N38	L	Y	-.706
11	N39	L	Y	-.706
12	N40	L	Y	-.706
13	N41	L	Y	-.706
14	N42	L	Y	-.706
15	N43	L	Y	-.706
16	N44	L	Y	-.706
17	N45	L	Y	-.706
18	N46	L	Y	-.706
19	N47	L	Y	-.706
20	N3	L	Y	-.706
21	N14	L	Y	-.706
22	N15	L	Y	-.706
23	N16	L	Y	-.706
24	N17	L	Y	-.706
25	N18	L	Y	-.706
26	N19	L	Y	-.706
27	N20	L	Y	-.706
28	N21	L	Y	-.706
29	N22	L	Y	-.706
30	N23	L	Y	-.706
31	N24	L	Y	-.706
32	N25	L	Y	-.706
33	N26	L	Y	-.706
34	N27	L	Y	-.706

Joint Loads and Enforced Displacements (BLC 6 : Soil Strength 45) (Continued)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
35	N28	L	Y	-.706
36	N29	L	Y	-.706
37	N30	L	Y	-.706

Joint Loads and Enforced Displacements (BLC 7 : Soil Strength 0)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
1	N1	L	Y	-.706
2	N2	L	Y	-.706
3	N31	L	Y	-.706
4	N32	L	Y	-.706
5	N33	L	Y	-.706
6	N34	L	Y	-.706
7	N35	L	Y	-.706
8	N36	L	Y	-.706
9	N37	L	Y	-.706
10	N38	L	Y	-.706
11	N39	L	Y	-.706
12	N40	L	Y	-.706
13	N41	L	Y	-.706
14	N42	L	Y	-.706
15	N43	L	Y	-.706
16	N44	L	Y	-.706
17	N45	L	Y	-.706
18	N46	L	Y	-.706
19	N47	L	Y	-.706

Joint Loads and Enforced Displacements (BLC 8 : Soil Strength 90)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
1	N1	L	Y	-.706
2	N3	L	Y	-.706
3	N14	L	Y	-.706
4	N15	L	Y	-.706
5	N16	L	Y	-.706
6	N17	L	Y	-.706
7	N18	L	Y	-.706
8	N19	L	Y	-.706
9	N20	L	Y	-.706
10	N21	L	Y	-.706
11	N22	L	Y	-.706
12	N23	L	Y	-.706
13	N24	L	Y	-.706
14	N25	L	Y	-.706
15	N26	L	Y	-.706
16	N27	L	Y	-.706
17	N28	L	Y	-.706
18	N29	L	Y	-.706
19	N30	L	Y	-.706

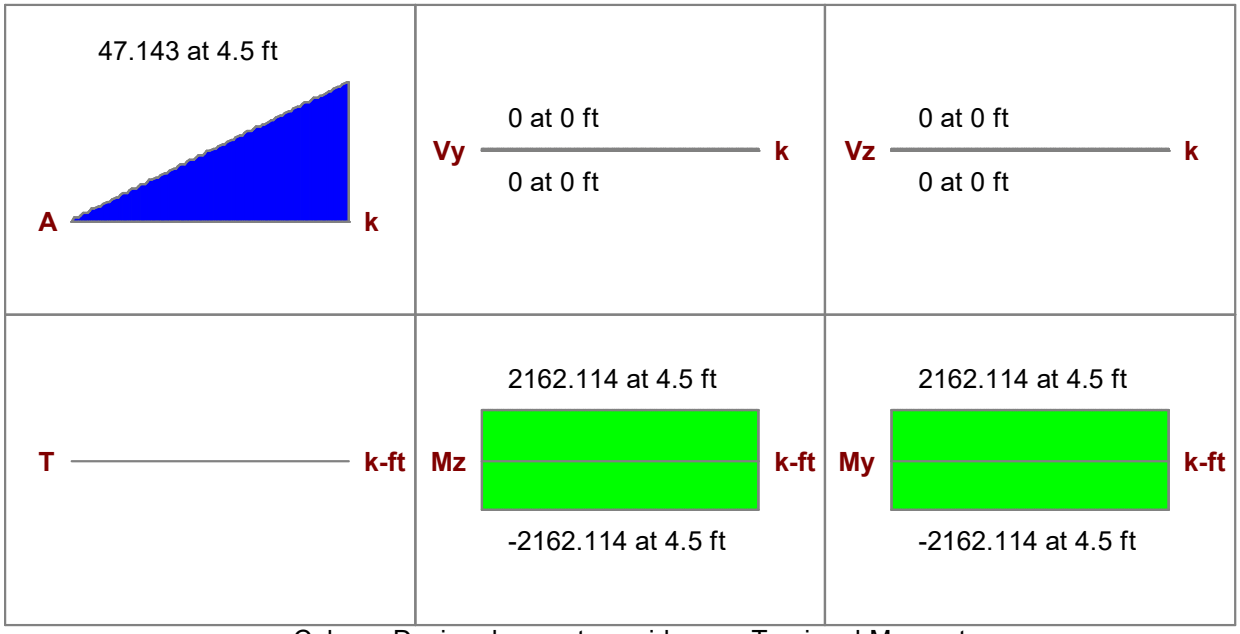
Envelope Member End Reactions

	Member	Me...		Axial[k]	LC	y Shear[k]	LC	z Shear[k]	LC	Torque[k-...	LC	y-y Mome...	LC	z-z Mome...	LC
1	M1	I	max	0	5	0	5	0	4	0	7	.011	3	0	5
2			min	-59.084	4	-.003	1	-.002	3	0	1	0	4	-.015	1
3		J	max	0	5	0	5	0	4	0	7	0	4	.02	1
4			min	-59.052	4	-.003	1	-.002	3	0	1	-.014	3	0	2
5	M2	I	max	0	6	0	7	0	7	0	7	0	6	0	7
6			min	-19.524	7	0	1	0	1	0	1	0	7	0	1
7		J	max	0	6	0	7	0	7	0	7	0	7	0	6
8			min	-19.524	7	0	1	0	1	0	1	0	1	0	7
9	M3	I	max	0	4	0	5	0	4	0	7	.015	2	0	5
10			min	-59.084	5	-.002	3	-.003	2	0	1	0	1	-.011	3
11		J	max	0	4	0	5	0	4	0	7	0	4	.014	3
12			min	-59.052	5	-.002	3	-.003	2	0	1	-.02	2	0	5
13	M4	I	max	-19.524	7	0	7	0	7	0	7	.015	2	0	7
14			min	-71.125	6	-.003	1	-.003	2	0	1	0	7	-.015	1
15		J	max	-19.524	7	0	7	0	7	0	7	0	7	.02	1
16			min	-71.093	6	-.003	1	-.003	2	0	1	-.02	2	0	7
17	M5	I	max	41.06	3	0	7	0	7	0	7	0	7	2876.188	4
18			min	0	7	-31.338	1	-31.338	2	0	1	-2876.188	2	0	2
19		J	max	97.632	3	0	7	0	7	0	7	0	7	3017.207	1
20			min	0	7	-31.338	1	-31.338	2	0	1	-3017.207	2	0	2
21	M6	I	max	97.632	3	0	7	0	7	0	7	0	7	3017.207	1
22			min	0	7	-31.524	1	-31.524	2	0	1	-3017.207	2	0	2
23		J	max	97.632	3	0	7	0	7	0	7	0	7	3056.612	1
24			min	0	7	-31.524	1	-31.524	2	0	1	-3056.612	2	0	2

Column: ***Pier***

Shape:	**CRECT102X102**	Concrete Stress Block:	**Rectangular**
Material:	**Conc3000NW**	Cracked Sections Used:	**Yes**
Length:	**4.5 ft**	Cracked 'I' Factor:	**.70**
I Joint:	**TL1**	Effective 'I':	**6.31419e+6 in^4**
J Joint:	**N367**	Effective 'I'(Service):	**9.02929e+6 in^4**
		Biaxial Bending Solution:	**PCA Load Contour**

Code Check: **0.556 (bending)**
Report Based On 97 Sections



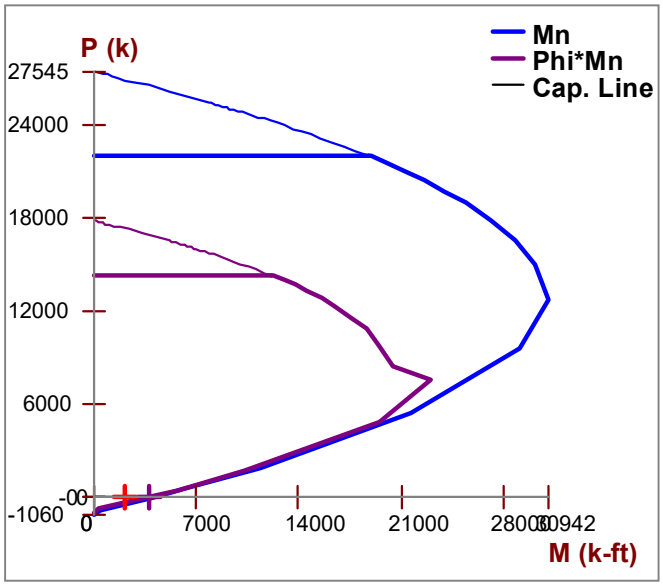
Column Design does not consider any Torsional Moments

Warning: Exact Integration selected but PCA method used
Custom rebar layout does not meet min steel (As,min) per Global Parameters

ACI 318-14 Code Check

		Bending Check	**0.556**	Shear Check	**0.000 (y)**
Gov LC	**7**	Location	**4.5 ft**	Location	**0 ft**
				Gov LC	**1**
Gov Pu	**0 k**	Gov Muy	**2162.114 k-ft**	Gov Vuy	**0 k**
phi*Pn		Gov Muz	**0 k-ft**	Gov Vuz	**0 k**
Phi eff.	**.9**	phi*Mnoy	**-.9 k-ft**	phi*Vny	**1111.305 k**
		phi*Mnoz		phi*Vnz	**1111.305 k**
Tension Bar Fy	**60 ksi**	Concrete Weight	**145 lb/ft^3**		
Shear Bar Fy	**60 ksi**	λ	**1**	Sway yy	**No**
F'c	**3 ksi**	E_Concrete	**3156 ksi**	Sway zz	**No**
Flex. Rebar Set	**ASTM A615**	Shear Rebar Set	**ASTM A615**	Thres. Torsion	**917.543k-ft(LC:1)**
Flex. Bars	**9 #6 , 9 #6 , 11 #6 , 11 #6**				
Shear Bars	**#4 @6in**				

Column Interaction Diagram



Span Information

Span	Span Length (ft)	I-Face Dist. (in)	J-Face Dist. (in)
1	0 - 4.5	0	0

Column Steel

Span	Main Bars	UC Max	Gov LC	Loc (ft)	Pu (k)	Muy (k-ft)	Muz (k-ft)
1	40 #6	0.556	7	4.5 ft	0	2162.114	0

Axial Span Results

Span	Phi_eff	Pn (k)	Po (k)	Rho Gross	As Prvd (in^2)
1	.9		27545.425	.0017	17.671

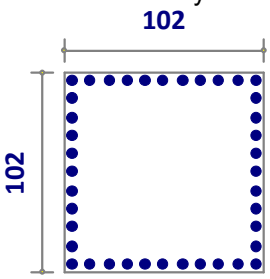
Bending Span Results

Span	ecc. y (ft)	ecc. z (ft)	NA y-y (ft)	NA z-z (ft)	Mny (k-ft)	Mnz (k-ft)	Mnoy (k-ft)	Mnoz (k-ft)
1	0	0		3.949	4319.59			

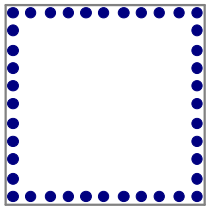
Rebar Detailing

Span	Region(ft)	Shear Steel
1	4.5 -	9 #4 @6in
	0 -	

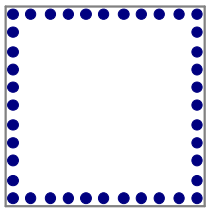
Flexural Layout



Total No. of Bars - Top : 4.5 ft
11#6 Top
9#6 Left
9#6 Right
11#6 Bottom



Total No. of Bars - Middle : 2.25 ft
11#6 Top
9#6 Left
9#6 Right
11#6 Bottom



Total No. of Bars - Bottom : 0 ft
11#6 Top
9#6 Left
9#6 Right
11#6 Bottom

Monopole on Pad & Pier Foundation w/ Rock Anchors - TIA-222-H

Site Data	
Site Name:	West Hartford/I-84/X43
Site Number:	BU 829013
TEP No.	25680.424729

Factored Reactions from TNX*		
Axial	41.061	k
Shear	30.869	k
Moment	2876.119	k-ft

*Assumed LC: 1.2D+1.0W

Tower & Foundation Properties		
Pad Width/Length	16.5	ft
Pad Thickness	2.5	ft
Pier Width/Diameter	8.5	ft
Pier Height	4.5	ft
Concrete Weight	150	pcf
Concrete f'c	3000	psi
Pad Rebar Size	#7	
Qty. Bars*	15	
Clear Cover	3	in

*Qty. reduced due to anticipated damage during drilling

Soil Properties				
q_{allow}	10.8	ksf	ASIF?	Yes
FS	2.0			
Subgrade Mod.	292.5	kcf		

Bar Selection				
Rod Size	Solid Bar			
Rod Size	WF R71-08			
Fy	120	ksi	ϕ_y	0.90
Fu	150	ksi	ϕ_r	0.75
Outer Diameter	1.00	in		
Effective Area	0.85	in^2		
Axial Rigidity	24650	k		
Design Strength	91.8	k		
Drill Bit Diameter	95	mm		
Drill Bit Diameter	3.75	in		

Steel to Grout Bond Length		
Ult Bond Strength	230	psi
Bar Circum.	3.142	in
Required Length	127.0	in
Pile Cap Thickness	30.0	in
Actual Length	157.0	in
Effective Stiffness	157	k/in

Grout to Soil Bond Length		
α_{bond}	100	psi (ult.)
ϕ Factor	0.75	
Shaft Circum.	11.8	in
Required Length	8.66	ft
Rock Weight	160	pcf
Rock Cone Angle	30	deg

Mat Foundation Results

Max Bearing Stress (RISA)	9.8	ksf
Bearing Capacity, ϕq_{allow}	16.3	ksf
Capacity*	**57.2%**	**Pass**

Mat Flexural Results

Mat Flexure (RISA)	642.7	k-ft
Flexural Capacity, ϕMn	1018.7	k-ft
Capacity*	**60.1%**	**Pass**

Rock Anchor Results

Max Force (RISA)	71.1	k
Pile Capacity, ϕPn	91.8	k
Capacity*	**73.8%**	**Pass**

Rock Anchor Pullout Results

Req. Bond Length, ld	10.9	ft
Req. Cone Height, h	12.2	ft
Total Req. Embedment	19.3	ft
Pullout Capacity, ϕTn	119.7	k
Capacity*	**56.6%**	**Pass**

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

		PASS	PASS	West Hartford/I-84/X43 (BU 829013)
	Results Summary:	LC1	LC2	TEP #: 25680.424729
	Soil Interaction*:	N/A	N/A	Analysis: JCR 6/17/2020
Drilled Caisson Tool - Original Pier	Foundation Structural*:	31.9%	8.5%	Check: MBB 6/17/2020

*Rating Per TIA-222-H Section 15.5

Code Revisions: TIA-222-H ACI 318-14 Tower Type: Monopole

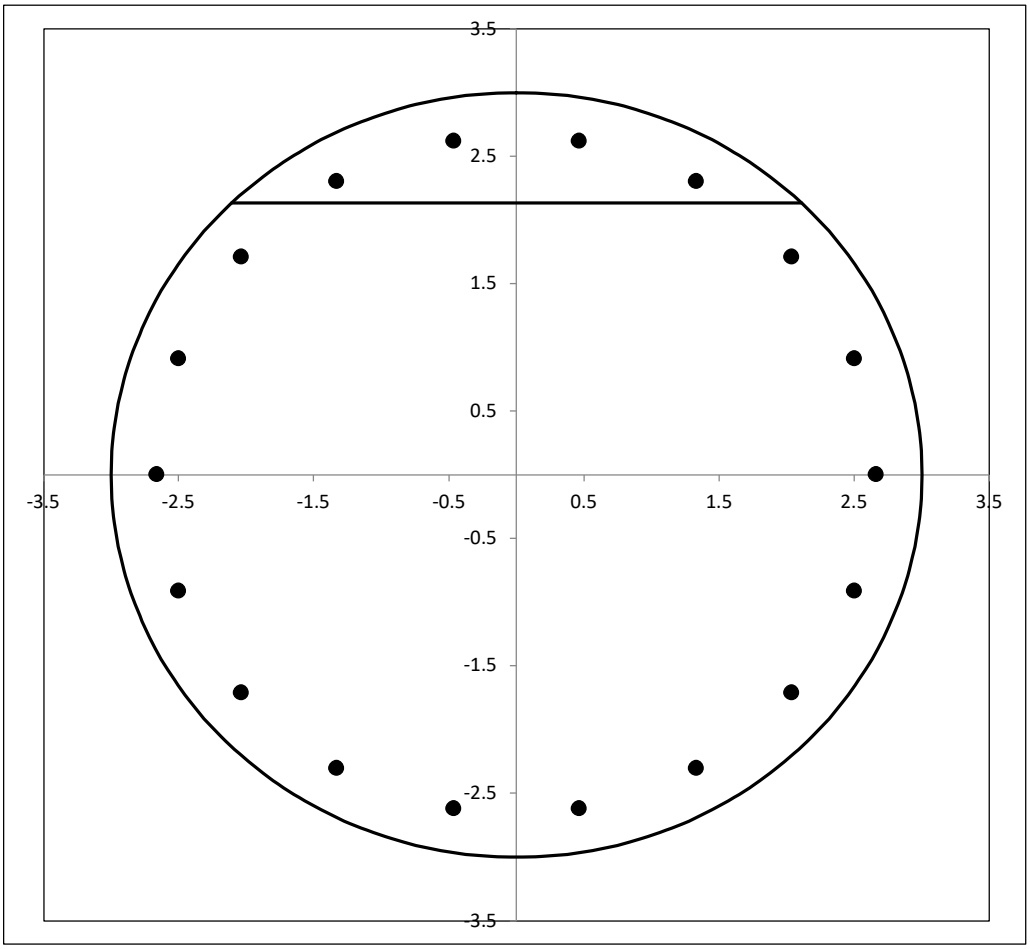
	LC1	LC2	
Moment:	852.99	235.46	kip-ft
Axial (download):	41.06	84.02	kip
Shear:	30.87	8.14	kip
Axial (uplift):			kip

Shaft Information		
Diameter:	6.00	ft
Projection:	0.50	ft
Caisson Length:	4.50	ft
f'c:	3.000	ksi
Max εc:	0.003	in/in

Cage 1 Reinforcement

Tie Bar Size:	4	*(fy = 60.0 ksi)*
Clear Cover to Tie:	3.00	*in (Cage Ø = 63.87in)*
Tie Bar Spacing:	6.00	in
Vertical Bar Size:	9	
Vertical Bar Quantity:	18	*(ρ =0.442%)* *per rebar mapping
fy:	60.0	ksi
E:	29,000	ksi

Reinforcement Capacity



		LC1	LC2	
	Vu =	30.9	8.1	kip
	Vc =	448.3	450.6	kip
fy,tie = 60.0	Vs =	269.8	269.8	kip
	ϕVn =	538.5	540.3	kip
	Capacity* =	5.5%	1.4%	
		PASS	PASS	

		LC1	LC2	
	Mu =	853.0	235.5	kip-ft
	ϕMn =	2545.3	2639.2	kip-ft
	Capacity* =	31.9%	8.5%	
		PASS	PASS	

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

Exhibit E

Mount Analysis

Date: **June 15, 2020**

Darcy Tarr
Crown Castle
6325 Ardrey Kell Road
Charlotte, NC 28277
(704) 405.6589

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

Subject:	**Mount Analysis Report**	
Carrier Designation:	**T-Mobile**	
	Carrier Site ID:	**CT11178D**
	Carrier Site Name:	**West Hartford/I-84/X43**
Crown Castle Designation:	**Crown Castle BU Number:**	**829013**
	Crown Castle Site Name:	**West Hartford/I-84/X43**
	Crown Castle JDE Job Number:	**613802**
	Crown Castle Order Number:	**524001 Rev 1**
Engineering Firm Designation:	**POD Report Designation:**	**20-65326**
Site Data:	**471 South Quaker Lane (Church of St. Mark)** **West Hartford, Hartford County, CT 06110** **Latitude 41° 44' 55.59" Longitude -72° 43' 52.86"**	
Structure Information:	**Tower Height & Type:**	**120 ft Monopole**
	Mount Elevation:	**120 ft**
	Mount Type:	**13.5 ft Platform with Support Rails**

Dear Darcy Tarr,

POD Group is pleased to submit this "Mount 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.

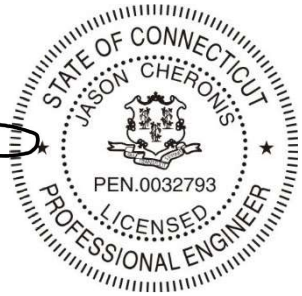
The purpose of the analysis is to determine acceptability of the mount stress level. Based on our analysis we have determined the mount stress level to be:

13.5' Platform with Support Rails (Multiple Sectors) **Sufficient**

This analysis utilizes an ultimate 3-second gust wind speed of 125 mph as required by the 2015 International Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Mount structural analysis prepared by: Kevin Garred

Respectfully submitted by:



6/15/2020

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

TABLE OF CONTENTS

1) INTRODUCTION

This mount is an existing 13.5 ft platform with support rails. This mount is installed at the 120 ft elevation of the 120 ft monopole tower.

2) ANALYSIS CRITERIA

Building Code:	2015 IBC
TIA-222 Revision:	TIA-222-H
Risk Category:	II
Ultimate Wind Speed:	125 mph
Exposure Category:	C
Topographic Factor at Base:	1.000
Topographic Factor at Mount:	1.000
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Seismic S_s:	0.181
Seismic S_1:	0.064
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
120	120	3	Ericsson	AIR-32 B2A/B66AA	13.5' Platform with Support Rails	-
		3	Ericsson	AIR 3246 B66		
		3	Ericsson	AIR 6449 B41		
		3	RFS	APXVAARR24_43-U-NA20		
		3	Ericsson	Radio 4449 B71/B85A		
		3	Ericsson	RRUS 4415 B25_CCIV2		

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Reference	Source
Application	-	Crown Castle Order ID: 524001 Rev 1 Dated: 6/5/2020	Crown Castle
RFDS	-	T-Mobile Site ID: CT11178D Dated: 5/11/2020	Crown Castle

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 are 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) The grating support angles were assumed to be non-structural members.
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 (13.5' Platform with Support Rails)

Notes	Component	Critical Member	Centerline (ft)	% Capacity	Pass / Fail
	Corner	CORNER1	120	93.1	Pass
	Support	SUPPORT6	120	84.8	Pass
	Standoff	STANDOFF2,2	120	77.3	Pass
	Mount Pipe	MP BETA4	120	53.6	Pass
	Rail	RAIL2	120	39.4	Pass
	Corner	CORNER1	120	39.6	Pass
	Face	FACE3,3	120	25.7	Pass
1	Flange Plate	-	-	25.0	Pass
	Flange Plate Bolts	-	-	11.5	Pass
	Bolts	-	-	78.7	Pass

Structure Rating (max from all components) =	**93.1%**

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. No modifications are required at this time.

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.

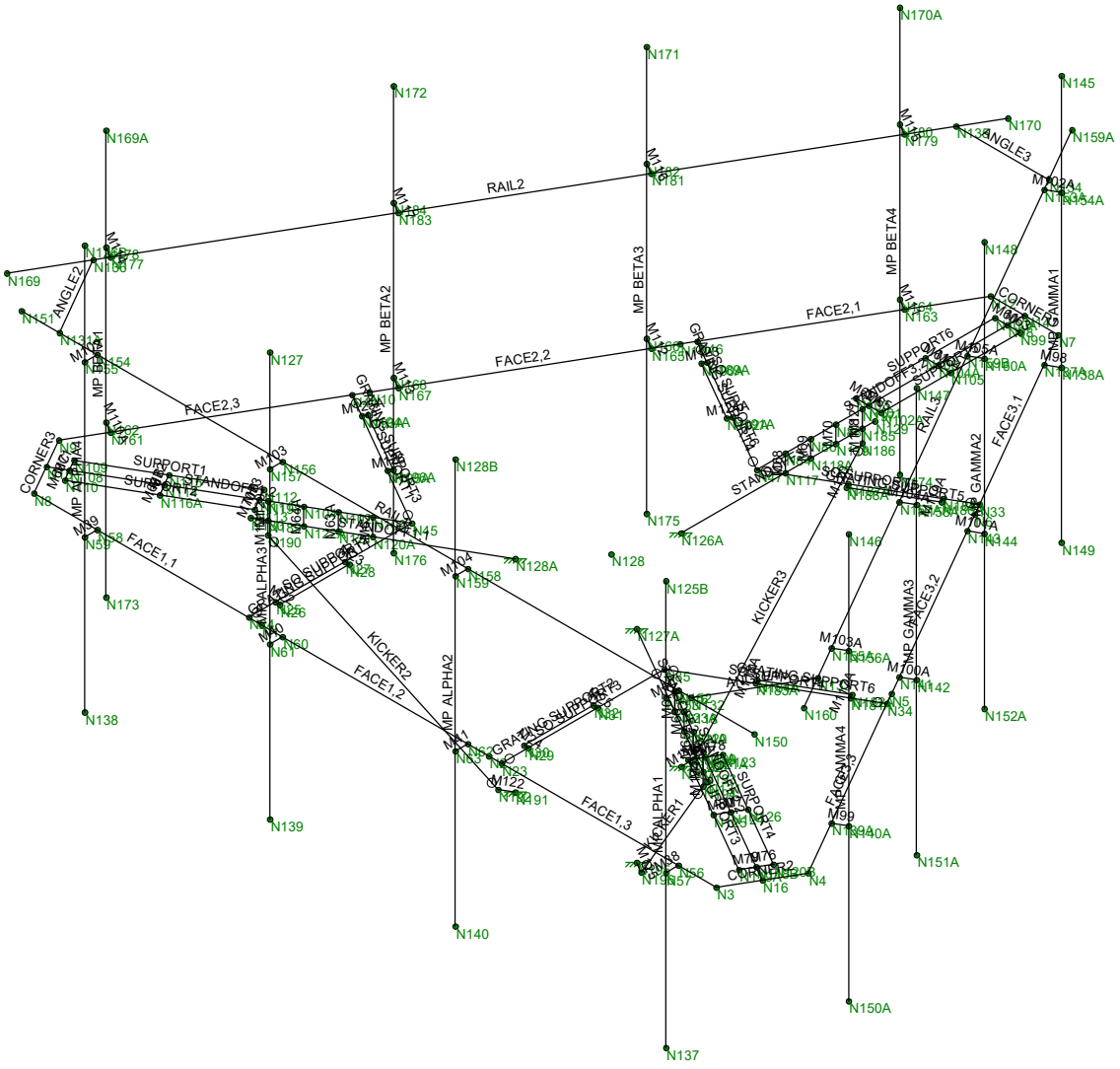
It is the owner's responsibility to determine the amount of ice accumulation in excess of the code specified amount, if any, that should be considered in the structural analysis.

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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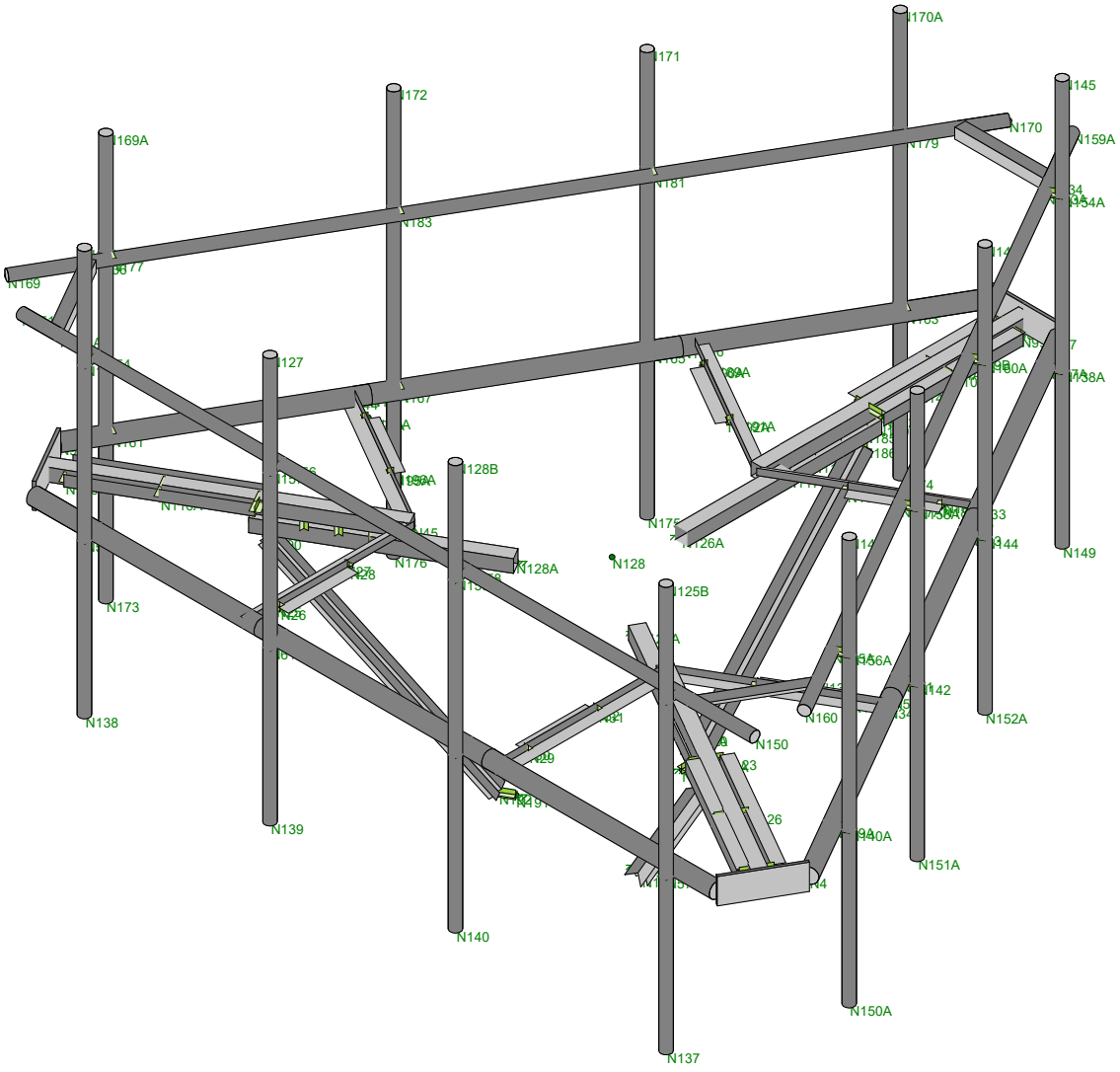
20-65326		829013.R3D



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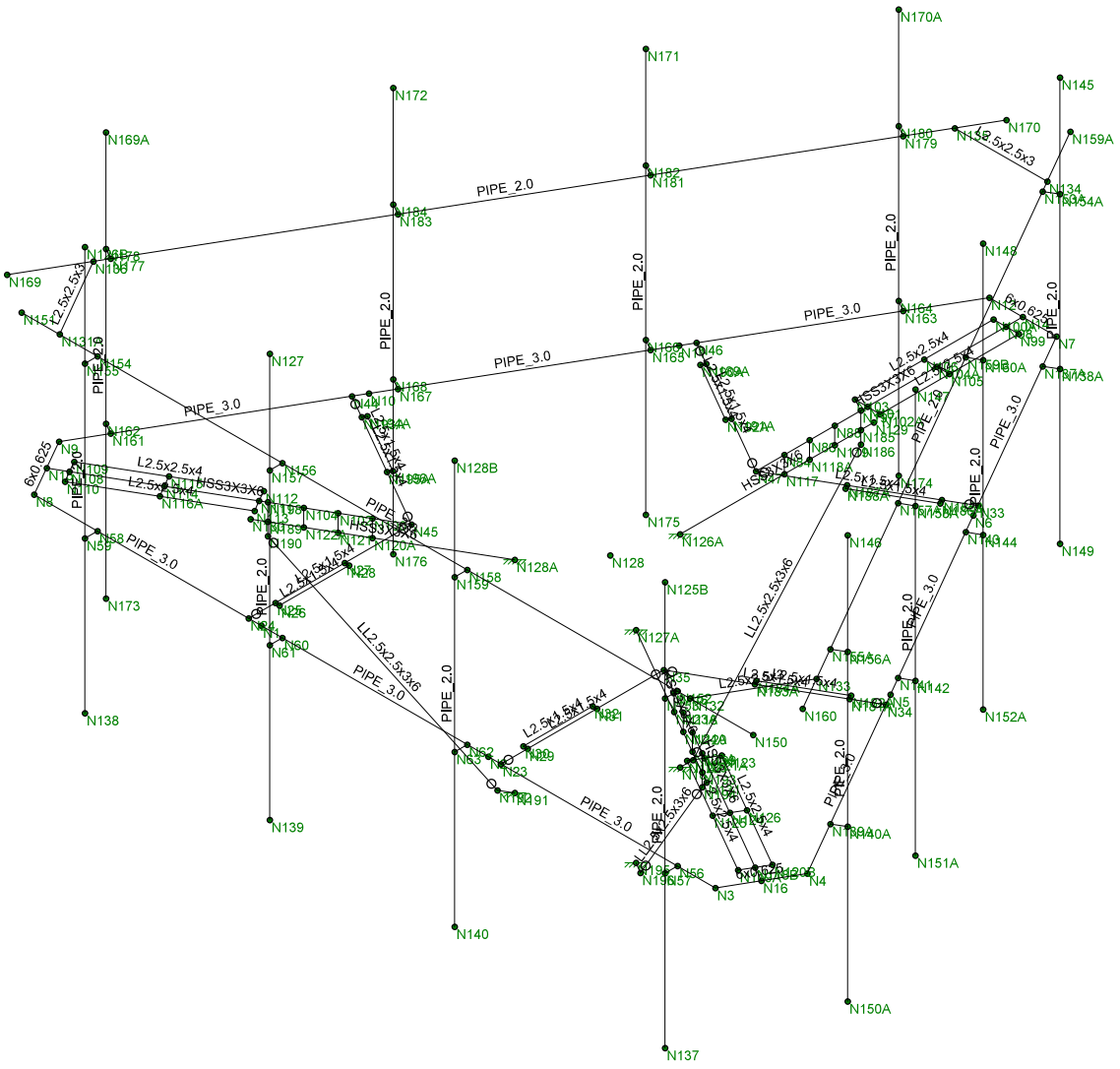

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APPENDIX B

Software Input Calculations

POWER OF DESIGN

POD Job #	**20-65326**
Site Number	**829013**
Site Name	**West Hartford/I-84/X43**

General Site Information

Mount Type	SFP	Risk Category	II	I (seismic)	1		
V (Wind Speed)	125	I(ice)	1	Sms	0.290		
Zs	118			Sm1	0.154		
ti	1.5	Ss	0.181	Sds	0.193		
Vi	50	S1	0.064	Sd1	0.102		
Kzt	1	Soil Site Class	D (assumed)	Seismic Design Category			
Exposure	C	Fa	1.600		B		
zg	900	Fv	2.400	Seismic Analysis Not Required			
α	9.5			R	2	TIA-222-H	16.7
Kmin	0.85	Tower Type	Monopole	As	1	TIA-222-H	16.7
G_H	1	Tower Height	120	Cs, Min	0.03	TIA-222-H	2.7.7.1.1
Ke	1.00			Cs	0.096533333	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		120	4	45		A/B/C	1			3	
AIR 3246 B66	No		120	4	45		A/B/C	1	2			
AIR6449 B41	No		120	4	25		A/B/C	1	1			
APXVAARR24_43-U-NA20	No		120	4	70		A/B/C	1				4
Radio 4449 B71/B85A	No		120	4			A/B/C	1				4
RRUS 4415 B25_CIV2	No		120	4			A/B/C	1				4

Mount Information

Elevation (ft)	120	Grating Thickness (in)	1
K_z	1.32	Grating Ice Weight (k/ft²)	0.019
Kiz	1.14		
tiz	1.71		

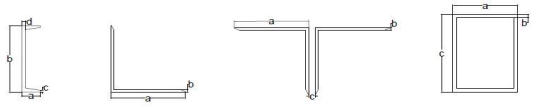
	Length (ft)	Width (in)	Centerline
Mount Pipes	8	2.375	120

Round Members

Member	Length (ft)	Width (in)	Frame Member	# of Members
Face On	4.5	3.5	Yes	6
Face Off	4.5	3.5	No	3
Rail On	14.5	2.375	Yes	2
Rail Off	14.5	2.375	No	1

Flat Members

Member	Length (ft)	Width (in)	Shape	A	B	C	D	Frame Member	# of Members
Standoff	3.833	3	Square HSS	3	0.375	3		No	6
Standoff Support	3.223	2.5	Angle	2.5	0.25			No	6
Grating Support	1.375	2.5	Angle	2.5	0.25			No	6
Support	2.75	2.5	Angle	2.5	0.25			No	6
Angle	1.833	2.5	Angle	2.5	0.1875			No	3
Corner	1.333	6	Channel	0	6	0	0.625	No	3
Kicker	5	2.5	D. Angle	2.5	0.1875	0.25		Yes	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	1.32	49.76	5.86	4.24	0.292	0.211	0.271	0.271	0.211
AIR 3246 B66	58.1	15.7	9.4	180.0	1.32	49.76	7.15	4.65	0.356	0.232	0.325	0.325	0.232
AIR6449 B41	33.1	20.6	8.6	104.0	1.32	49.76	5.11	2.24	0.254	0.112	0.219	0.219	0.112
APXVAARR24_43-U-NA20	95.9	24.0	8.7	96.8	1.32	49.76	14.67	5.32	0.730	0.265	0.614	0.614	0.265
Radio 4449 B71/B85A	15.0	13.2	8.7	75.0	1.32	49.76	1.48	0.98	0.074	0.049	0.067	0.067	0.049
RRUS 4415 B25_CCIV2	16.5	13.4	5.9	46.0	1.32	49.76	1.66	0.74	0.083	0.037	0.071	0.071	0.037

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	1.71	60.01	16.31	12.11	178.47	1.14	7.96	4.45	3.43	0.035	0.027	0.033	0.033	0.027
AIR 3246 B66	1.71	61.51	19.11	12.81	210.35	1.14	7.96	5.26	3.70	0.042	0.029	0.039	0.039	0.029
AIR6449 B41	1.71	36.51	24.01	12.01	151.33	1.14	7.96	3.84	1.96	0.031	0.016	0.027	0.027	0.016
APXVAARR24_43-U-NA20	1.71	99.31	27.41	12.11	419.84	1.14	7.96	15.61	6.90	0.124	0.055	0.107	0.107	0.055
Radio 4449 B71/B85A	1.71	18.37	16.60	12.11	64.12	1.14	7.96	1.34	0.98	0.011	0.008	0.010	0.010	0.008
RRUS 4415 B25_CCIV2	1.71	19.91	16.81	9.31	58.78	1.14	7.96	1.47	0.82	0.012	0.006	0.010	0.010	0.006

Round Members

Member	q_z (lb/ft^2)	Ar	C	Rr	Cf	Wind Calculations EPA (ft^2)	Load (k/ft)	Width (in)	Weight (k/ft)	q_z (lb/ft^2)	Arice	Ice Calculations Rrice	Cf	EPA (ft^2)	Load (k/ft)
Face On	49.76	7.88	40.75	0.56	1.20	0.80	0.009	6.91	0.01	7.96	15.56	0.61	1.20	1.70	0.003
Face Off	49.76	3.94	40.75	0.56	1.20	0.80	0.004	6.91	0.01	7.96	7.78	0.61	1.20	1.70	0.002
Rail On	49.76	5.74	27.65	0.57	1.20	1.76	0.006	5.79	0.01	7.96	13.99	0.61	1.20	4.59	0.003
Rail Off	49.76	2.87	27.65	0.57	1.20	1.76	0.003	5.79	0.01	7.96	6.99	0.61	1.20	4.59	0.001

Flat Members

Member	q_z (lb/ft^2)	Af	Cf	Wind Calculations EPA	Load (k/ft)	Width (in)	Weight (k/ft)	q_z (lb/ft^2)	Arice	Ice Calculations Rrice	Cf	EPA	Load (k/ft)
Standoff	49.76	5.75	1.25	1.08	0.007	6.41	0.01	7.96	12.29	0.61	1.25	1.40	0.001
Standoff Support	49.76	4.03	2.00	1.21	0.009	5.91	0.01	7.96	9.53	0.61	2.00	1.74	0.002
Grating Support	49.76	1.72	2.00	0.52	0.009	5.91	0.01	7.96	4.07	0.61	2.00	0.74	0.002
Support	49.76	3.44	2.00	1.03	0.009	5.91	0.01	7.96	8.13	0.61	2.00	1.48	0.002
Angle	49.76	1.15	2.00	0.69	0.009	5.91	0.01	7.96	2.71	0.61	2.00	0.99	0.002
Corner	49.76	2.00	2.00	1.20	0.022	9.41	0.01	7.96	3.14	0.61	2.00	1.14	0.003
Kicker	49.76	3.13	2.00	1.88	0.019	5.91	0.02	7.96	7.39	0.61	2.00	2.70	0.004

Appurtenance Seismic Calculations

Model	Weight	Sds	ρ	Cs	As	Ev	Eh
AIR 32 B2A/B66AA	132.2	0.193	1.000	0.097	1.000	0.005	0.013
AIR 3246 B66	180.0	0.193	1.000	0.097	1.000	0.007	0.017
AIR6449 B41	104.0	0.193	1.000	0.097	1.000	0.004	0.010
APXVAARR24_43-U-NA20	96.8	0.193	1.000	0.097	1.000	0.004	0.009
Radio 4449 B71/B85A	75.0	0.193	1.000	0.097	1.000	0.003	0.007
RRUS 4415 B25_CCIV2	46.0	0.193	1.000	0.097	1.000	0.002	0.004

Version 3.2

APPENDIX C

Software Analysis Output

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Ru...
1	ANGLE1	N133	N132		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
2	ANGLE2	N131A	N136		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
3	ANGLE3	N135	N134		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
4	CORNER1	N7	N12		90	6x0.625	Beam	BAR	A36 Gr.36	Typical
5	CORNER2	N3	N4		90	6x0.625	Beam	BAR	A36 Gr.36	Typical
6	CORNER3	N8	N9		90	6x0.625	Beam	BAR	A36 Gr.36	Typical
7	FACE1,1	N8	N1			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
8	FACE1,2	N1	N2			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
9	FACE1,3	N2	N3			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
10	FACE2,1	N11	N12			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
11	FACE2,2	N10	N11			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
12	FACE2,3	N9	N10			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
13	FACE3,1	N6	N7			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
14	FACE3,2	N5	N6			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
15	FACE3,3	N4	N5			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
16	GRATING S...	N28	N26		180	L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical
17	GRATING S...	N30	N32			L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical
18	GRATING S...	N194A	N196A			L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical
19	GRATING S...	N192A	N190A		180	L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical
20	GRATING S...	N186A	N188A		180	L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical
21	GRATING S...	N184A	N182A			L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical
22	KICKER1	N196	N194		66.659	LL2.5x2.5x3x6	Beam	Double Angl...	A36 Gr.36	Typical
23	KICKER2	N192	N190		293.341	LL2.5x2.5x3x6	Beam	Double Angl...	A36 Gr.36	Typical
24	KICKER3	N188	N186		180	LL2.5x2.5x3x6	Beam	Double Angl...	A36 Gr.36	Typical
25	M22	N25	N26			RIGID	None	None	RIGID	Typical
26	M23	N27	N28			RIGID	None	None	RIGID	Typical
27	M24	N29	N30			RIGID	None	None	RIGID	Typical
28	M25	N31	N32			RIGID	None	None	RIGID	Typical
29	M38	N56	N57			RIGID	None	None	RIGID	Typical
30	M39	N58	N59			RIGID	None	None	RIGID	Typical
31	M40	N60	N61			RIGID	None	None	RIGID	Typical
32	M41	N62	N63			RIGID	None	None	RIGID	Typical
33	M60	N100A	N98			RIGID	None	None	RIGID	Typical
34	M61	N106	N104A			RIGID	None	None	RIGID	Typical
35	M62	N120A	N100			RIGID	None	None	RIGID	Typical
36	M62A	N103	N101			RIGID	None	None	RIGID	Typical
37	M63	N99	N98			RIGID	None	None	RIGID	Typical
38	M63A	N121	N102			RIGID	None	None	RIGID	Typical
39	M64	N105	N104A			RIGID	None	None	RIGID	Typical
40	M64A	N122A	N104			RIGID	None	None	RIGID	Typical
41	M65	N102A	N101			RIGID	None	None	RIGID	Typical
42	M65A	N125A	N120			RIGID	None	None	RIGID	Typical
43	M66	N124A	N118			RIGID	None	None	RIGID	Typical
44	M67A	N123A	N116			RIGID	None	None	RIGID	Typical
45	M68	N117	N84			RIGID	None	None	RIGID	Typical
46	M68C	N110	N108			RIGID	None	None	RIGID	Typical
47	M69	N118A	N86			RIGID	None	None	RIGID	Typical
48	M69B	N116A	N114			RIGID	None	None	RIGID	Typical
49	M70	N119	N88			RIGID	None	None	RIGID	Typical
50	M70B	N113	N111			RIGID	None	None	RIGID	Typical
51	M71	N109	N108			RIGID	None	None	RIGID	Typical
52	M72	N115	N114			RIGID	None	None	RIGID	Typical
53	M73	N112	N111			RIGID	None	None	RIGID	Typical
54	M76	N120B	N118B			RIGID	None	None	RIGID	Typical
55	M77	N126	N124			RIGID	None	None	RIGID	Typical
56	M78	N123	N121A			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Ru...
57	M79	N119A	N118B			RIGID	None	None	RIGID	Typical
58	M80	N125	N124			RIGID	None	None	RIGID	Typical
59	M81	N122	N121A			RIGID	None	None	RIGID	Typical
60	M98	N137A	N138A		180	RIGID	None	None	RIGID	Typical
61	M99	N139A	N140A		180	RIGID	None	None	RIGID	Typical
62	M100A	N141	N142		180	RIGID	None	None	RIGID	Typical
63	M101	N152	N153			RIGID	None	None	RIGID	Typical
64	M101A	N143	N144		180	RIGID	None	None	RIGID	Typical
65	M102	N154	N155			RIGID	None	None	RIGID	Typical
66	M102A	N153A	N154A		180	RIGID	None	None	RIGID	Typical
67	M103	N156	N157			RIGID	None	None	RIGID	Typical
68	M103A	N155A	N156A		180	RIGID	None	None	RIGID	Typical
69	M104	N158	N159			RIGID	None	None	RIGID	Typical
70	M104A	N157A	N158A		180	RIGID	None	None	RIGID	Typical
71	M105A	N159B	N160A		180	RIGID	None	None	RIGID	Typical
72	M110A	N161	N162			RIGID	None	None	RIGID	Typical
73	M111	N163	N164			RIGID	None	None	RIGID	Typical
74	M112	N165	N166			RIGID	None	None	RIGID	Typical
75	M113	N167	N168			RIGID	None	None	RIGID	Typical
76	M114	N177	N178			RIGID	None	None	RIGID	Typical
77	M115	N179	N180			RIGID	None	None	RIGID	Typical
78	M116	N181	N182			RIGID	None	None	RIGID	Typical
79	M117	N183	N184			RIGID	None	None	RIGID	Typical
80	M117A	N181A	N182A		180	RIGID	None	None	RIGID	Typical
81	M118	N185	N186			RIGID	None	None	RIGID	Typical
82	M118A	N183A	N184A		180	RIGID	None	None	RIGID	Typical
83	M119	N187	N188			RIGID	None	None	RIGID	Typical
84	M119A	N185A	N186A		180	RIGID	None	None	RIGID	Typical
85	M120	N187A	N188A		180	RIGID	None	None	RIGID	Typical
86	M121	N189	N190		240	RIGID	None	None	RIGID	Typical
87	M122	N191	N192		180	RIGID	None	None	RIGID	Typical
88	M123	N189A	N190A		180	RIGID	None	None	RIGID	Typical
89	M124	N193	N194		120	RIGID	None	None	RIGID	Typical
90	M124A	N191A	N192A		180	RIGID	None	None	RIGID	Typical
91	M125	N195	N196			RIGID	None	None	RIGID	Typical
92	M125A	N193A	N194A		180	RIGID	None	None	RIGID	Typical
93	M126	N195A	N196A		180	RIGID	None	None	RIGID	Typical
94	MP ALPHA1	N137	N125B			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
95	MP ALPHA2	N140	N128B			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
96	MP ALPHA3	N139	N127			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
97	MP ALPHA4	N138	N126B			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
98	MP BETA1	N173	N169A		240	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
99	MP BETA2	N176	N172		240	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
100	MP BETA3	N175	N171		240	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
101	MP BETA4	N174	N170A		240	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
102	MP GAMMA1	N149	N145		120	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
103	MP GAMMA2	N152A	N148		120	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
104	MP GAMMA3	N151A	N147		120	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
105	MP GAMMA4	N150A	N146		120	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
106	RAIL1	N151	N150			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
107	RAIL2	N170	N169			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
108	RAIL3	N160	N159A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
109	SO SUPPO...	N45	N44		180	L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical
110	SO SUPPO...	N24	N45			L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical
111	SO SUPPO...	N35	N23		180	L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical
112	SO SUPPO...	N34	N35		180	L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical
113	SO SUPPO...	N47	N33			L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Ru...
114	SO SUPPO...	N46	N47			L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical
115	STANDOFF...	N128A	N130			HSS3X3X6	Beam	Tube	A500 Gr.B Rect	Typical
116	STANDOFF...	N15	N45			HSS3X3X6	Beam	Tube	A500 Gr.B Rect	Typical
117	STANDOFF...	N127A	N131			HSS3X3X6	Beam	Tube	A500 Gr.B Rect	Typical
118	STANDOFF...	N16	N35			HSS3X3X6	Beam	Tube	A500 Gr.B Rect	Typical
119	STANDOFF...	N126A	N129			HSS3X3X6	Beam	Tube	A500 Gr.B Rect	Typical
120	STANDOFF...	N14	N47			HSS3X3X6	Beam	Tube	A500 Gr.B Rect	Typical
121	SUPPORT1	N109	N112			L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
122	SUPPORT2	N110	N113			L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
123	SUPPORT3	N119A	N122			L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
124	SUPPORT4	N120B	N123			L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
125	SUPPORT5	N99	N102A			L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
126	SUPPORT6	N100A	N103			L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
127	M127	N185	N197			RIGID	None	None	RIGID	Typical
128	M128	N193	N199			RIGID	None	None	RIGID	Typical
129	M129	N189	N198			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	ANGLE1						Yes				None
2	ANGLE2						Yes				None
3	ANGLE3						Yes				None
4	CORNER1						Yes				None
5	CORNER2						Yes				None
6	CORNER3						Yes				None
7	FACE1,1						Yes				None
8	FACE1,2						Yes				None
9	FACE1,3						Yes				None
10	FACE2,1						Yes				None
11	FACE2,2						Yes				None
12	FACE2,3						Yes				None
13	FACE3,1						Yes				None
14	FACE3,2						Yes				None
15	FACE3,3						Yes				None
16	GRATING ...						Yes				None
17	GRATING ...						Yes				None
18	GRATING ...						Yes				None
19	GRATING ...						Yes				None
20	GRATING ...						Yes				None
21	GRATING ...						Yes				None
22	KICKER1	OOOOOX	OOOOOX				Yes	Default			None
23	KICKER2	OOOOOX	OOOOOX				Yes	Default			None
24	KICKER3	OOOOOX	OOOOOX				Yes	Default			None
25	M22						Yes	** NA **			None
26	M23						Yes	** NA **			None
27	M24						Yes	** NA **			None
28	M25						Yes	** NA **			None
29	M38						Yes	** NA **			None
30	M39						Yes	** NA **			None
31	M40						Yes	** NA **			None
32	M41						Yes	** NA **			None
33	M60						Yes	** NA **			None
34	M61						Yes	** NA **			None
35	M62						Yes	** NA **			None
36	M62A						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
37	M63						Yes	** NA **			None
38	M63A						Yes	** NA **			None
39	M64						Yes	** NA **			None
40	M64A						Yes	** NA **			None
41	M65						Yes	** NA **			None
42	M65A						Yes	** NA **			None
43	M66						Yes	** NA **			None
44	M67A						Yes	** NA **			None
45	M68						Yes	** NA **			None
46	M68C						Yes	** NA **			None
47	M69						Yes	** NA **			None
48	M69B						Yes	** NA **			None
49	M70						Yes	** NA **			None
50	M70B						Yes	** NA **			None
51	M71						Yes	** NA **			None
52	M72						Yes	** NA **			None
53	M73						Yes	** NA **			None
54	M76						Yes	** NA **			None
55	M77						Yes	** NA **			None
56	M78						Yes	** NA **			None
57	M79						Yes	** NA **			None
58	M80						Yes	** NA **			None
59	M81						Yes	** NA **			None
60	M98						Yes	** NA **			None
61	M99						Yes	** NA **			None
62	M100A						Yes	** NA **			None
63	M101						Yes	** NA **			None
64	M101A						Yes	** NA **			None
65	M102						Yes	** NA **			None
66	M102A						Yes	** NA **			None
67	M103						Yes	** NA **			None
68	M103A						Yes	** NA **			None
69	M104						Yes	** NA **			None
70	M104A						Yes	** NA **			None
71	M105A						Yes	** NA **			None
72	M110A						Yes	** NA **			None
73	M111						Yes	** NA **			None
74	M112						Yes	** NA **			None
75	M113						Yes	** NA **			None
76	M114						Yes	** NA **			None
77	M115						Yes	** NA **			None
78	M116						Yes	** NA **			None
79	M117						Yes	** NA **			None
80	M117A						Yes	** NA **			None
81	M118						Yes	** NA **			None
82	M118A						Yes	** NA **			None
83	M119						Yes	** NA **			None
84	M119A						Yes	** NA **			None
85	M120						Yes	** NA **			None
86	M121						Yes	** NA **			None
87	M122						Yes	** NA **			None
88	M123						Yes	** NA **			None
89	M124						Yes	** NA **			None
90	M124A						Yes	** NA **			None
91	M125						Yes	** NA **			None
92	M125A						Yes	** NA **			None
93	M126						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
94	MP ALPHA1						Yes				None
95	MP ALPHA2						Yes				None
96	MP ALPHA3						Yes				None
97	MP ALPHA4						Yes				None
98	MP BETA1						Yes				None
99	MP BETA2						Yes				None
100	MP BETA3						Yes				None
101	MP BETA4						Yes				None
102	MP GAMM...						Yes				None
103	MP GAMM...						Yes				None
104	MP GAMM...						Yes				None
105	MP GAMM...						Yes				None
106	RAIL1						Yes				None
107	RAIL2						Yes				None
108	RAIL3						Yes				None
109	SO SUPPO...	BenPIN	BenPIN				Yes	Default			None
110	SO SUPPO...	BenPIN	BenPIN				Yes	Default			None
111	SO SUPPO...	BenPIN	BenPIN				Yes	Default			None
112	SO SUPPO...	BenPIN	BenPIN				Yes	Default			None
113	SO SUPPO...	BenPIN	BenPIN				Yes	Default			None
114	SO SUPPO...	BenPIN	BenPIN				Yes	Default			None
115	STANDOF...						Yes				None
116	STANDOF...						Yes				None
117	STANDOF...						Yes				None
118	STANDOF...						Yes	Default			None
119	STANDOF...						Yes				None
120	STANDOF...						Yes				None
121	SUPPORT1						Yes				None
122	SUPPORT2						Yes				None
123	SUPPORT3						Yes				None
124	SUPPORT4						Yes				None
125	SUPPORT5						Yes				None
126	SUPPORT6						Yes				None
127	M127						Yes	** NA **			None
128	M128						Yes	** NA **			None
129	M129						Yes	** NA **			None

Hot Rolled Steel Design Parameters

	Label	Shape	Lengt...	Lbyy[ft]	Lbzz[ft]	Lcomp t...	Lcomp b...	L-tor...	Kyy	Kzz	Cb	Func...
1	ANGLE1	L2.5x2.5x3	1.833			Lbyy						Late...
2	ANGLE2	L2.5x2.5x3	1.833			Lbyy						Late...
3	ANGLE3	L2.5x2.5x3	1.833			Lbyy						Late...
4	CORNE...	6x0.625	1.333			Lbyy						Late...
5	CORNE...	6x0.625	1.333			Lbyy						Late...
6	CORNE...	6x0.625	1.333			Lbyy						Late...
7	FACE1,1	PIPE_3.0	4.5			Lbyy						Late...
8	FACE1,2	PIPE_3.0	4.5			Lbyy						Late...
9	FACE1,3	PIPE_3.0	4.5			Lbyy						Late...
10	FACE2,1	PIPE_3.0	4.5			Lbyy						Late...
11	FACE2,2	PIPE_3.0	4.5			Lbyy						Late...
12	FACE2,3	PIPE_3.0	4.5			Lbyy						Late...
13	FACE3,1	PIPE_3.0	4.5			Lbyy						Late...
14	FACE3,2	PIPE_3.0	4.5			Lbyy						Late...
15	FACE3,3	PIPE_3.0	4.5			Lbyy						Late...
16	GRATIN...	L2.5x1.5x4	1.375			Lbyy						Late...

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Lengt...	Lbyy[ft]	Lbzz[ft]	Lcomp t...	Lcomp b...	L-tor...	Kyy	Kzz	Cb	Func...
17	GRATIN...	L2.5x1.5x4	1.375			Lbyy						Late...
18	GRATIN...	L2.5x1.5x4	1.375			Lbyy						Late...
19	GRATIN...	L2.5x1.5x4	1.375			Lbyy						Late...
20	GRATIN...	L2.5x1.5x4	1.375			Lbyy						Late...
21	GRATIN...	L2.5x1.5x4	1.375			Lbyy						Late...
22	KICKER1	LL2.5x2.5x3x6	5.017			Lbyy						Late...
23	KICKER2	LL2.5x2.5x3x6	5.017			Lbyy						Late...
24	KICKER3	LL2.5x2.5x3x6	5.017			Lbyy						Late...
25	MP ALP...	PIPE_2.0	8			Lbyy						Late...
26	MP ALP...	PIPE_2.0	8			Lbyy						Late...
27	MP ALP...	PIPE_2.0	8			Lbyy						Late...
28	MP ALP...	PIPE_2.0	8			Lbyy						Late...
29	MP BET...	PIPE_2.0	8			Lbyy						Late...
30	MP BET...	PIPE_2.0	8			Lbyy						Late...
31	MP BET...	PIPE_2.0	8			Lbyy						Late...
32	MP BET...	PIPE_2.0	8			Lbyy						Late...
33	MP GAM...	PIPE_2.0	8			Lbyy						Late...
34	MP GAM...	PIPE_2.0	8			Lbyy						Late...
35	MP GAM...	PIPE_2.0	8			Lbyy						Late...
36	MP GAM...	PIPE_2.0	8			Lbyy						Late...
37	RAIL1	PIPE_2.0	14.5			Lbyy						Late...
38	RAIL2	PIPE_2.0	14.5			Lbyy						Late...
39	RAIL3	PIPE_2.0	14.5			Lbyy						Late...
40	SO SUP...	L2.5x1.5x4	3.224			Lbyy						Late...
41	SO SUP...	L2.5x1.5x4	3.223			Lbyy						Late...
42	SO SUP...	L2.5x1.5x4	3.224			Lbyy						Late...
43	SO SUP...	L2.5x1.5x4	3.223			Lbyy						Late...
44	SO SUP...	L2.5x1.5x4	3.224			Lbyy						Late...
45	SO SUP...	L2.5x1.5x4	3.223			Lbyy						Late...
46	STAND...	HSS3X3X6	3.833			Lbyy						Late...
47	STAND...	HSS3X3X6	5.292			Lbyy						Late...
48	STAND...	HSS3X3X6	3.833			Lbyy						Late...
49	STAND...	HSS3X3X6	5.292			Lbyy						Late...
50	STAND...	HSS3X3X6	3.833			Lbyy						Late...
51	STAND...	HSS3X3X6	5.292			Lbyy						Late...
52	SUPPO...	L2.5x2.5x4	2.75			Lbyy						Late...
53	SUPPO...	L2.5x2.5x4	2.75			Lbyy						Late...
54	SUPPO...	L2.5x2.5x4	2.75			Lbyy						Late...
55	SUPPO...	L2.5x2.5x4	2.75			Lbyy						Late...
56	SUPPO...	L2.5x2.5x4	2.75			Lbyy						Late...
57	SUPPO...	L2.5x2.5x4	2.75			Lbyy						Late...

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.25	65	1.15
8	A913 Gr.65	29000	11154	.3	.65	.49	65	1.1	80	1.1

Member Point Loads (BLC 1 : Live Load)

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

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.146	5.875
2	MP ALPHA3	Y	-.146	2.125
3	MP BETA3	Y	-.116	5.875
4	MP BETA3	Y	-.116	2.125
5	MP GAMMA3	Y	-.116	5.875
6	MP GAMMA3	Y	-.116	2.125
7	MP ALPHA2	Y	-.178	5.875
8	MP ALPHA2	Y	-.178	2.125
9	MP BETA2	Y	-.131	5.875
10	MP BETA2	Y	-.131	2.125
11	MP GAMMA2	Y	-.131	5.875
12	MP GAMMA2	Y	-.131	2.125
13	MP ALPHA1	Y	-.127	5.042
14	MP ALPHA1	Y	-.127	2.958
15	MP BETA1	Y	-.074	5.042
16	MP BETA1	Y	-.074	2.958
17	MP GAMMA1	Y	-.074	5.042
18	MP GAMMA1	Y	-.074	2.958
19	MP ALPHA4	Y	-.365	6.917
20	MP ALPHA4	Y	-.365	1.083
21	MP BETA4	Y	-.191	6.917
22	MP BETA4	Y	-.191	1.083
23	MP GAMMA4	Y	-.191	6.917
24	MP GAMMA4	Y	-.191	1.083
25	MP ALPHA4	Y	-.074	4
26	MP BETA4	Y	-.055	4
27	MP GAMMA4	Y	-.055	4
28	MP ALPHA4	Y	-.083	4
29	MP BETA4	Y	-.048	4
30	MP GAMMA4	Y	-.048	4

Member Point Loads (BLC 3 : Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Z	-.066	5.875
2	MP ALPHA3	Z	-.066	2.125
3	MP BETA3	Z	-.066	5.875
4	MP BETA3	Z	-.066	2.125
5	MP GAMMA3	Z	-.066	5.875
6	MP GAMMA3	Z	-.066	2.125
7	MP ALPHA2	Z	-.09	5.875
8	MP ALPHA2	Z	-.09	2.125
9	MP BETA2	Z	-.09	5.875
10	MP BETA2	Z	-.09	2.125
11	MP GAMMA2	Z	-.09	5.875
12	MP GAMMA2	Z	-.09	2.125
13	MP ALPHA1	Z	-.052	5.042
14	MP ALPHA1	Z	-.052	2.958
15	MP BETA1	Z	-.052	5.042
16	MP BETA1	Z	-.052	2.958
17	MP GAMMA1	Z	-.052	5.042
18	MP GAMMA1	Z	-.052	2.958

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
19	MP ALPHA4	Z	-.048	6.917
20	MP ALPHA4	Z	-.048	1.083
21	MP BETA4	Z	-.048	6.917
22	MP BETA4	Z	-.048	1.083
23	MP GAMMA4	Z	-.048	6.917
24	MP GAMMA4	Z	-.048	1.083
25	MP ALPHA4	Z	-.075	4
26	MP BETA4	Z	-.075	4
27	MP GAMMA4	Z	-.075	4
28	MP ALPHA4	Z	-.046	4
29	MP BETA4	Z	-.046	4
30	MP GAMMA4	Z	-.046	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.118	5.875
2	MP ALPHA3	Y	-.118	2.125
3	MP ALPHA3	X	-.068	5.875
4	MP ALPHA3	X	-.068	2.125
5	MP BETA3	Y	-.091	5.875
6	MP BETA3	Y	-.091	2.125
7	MP BETA3	X	-.053	5.875
8	MP BETA3	X	-.053	2.125
9	MP GAMMA3	Y	-.118	5.875
10	MP GAMMA3	Y	-.118	2.125
11	MP GAMMA3	X	-.068	5.875
12	MP GAMMA3	X	-.068	2.125
13	MP ALPHA2	Y	-.141	5.875
14	MP ALPHA2	Y	-.141	2.125
15	MP ALPHA2	X	-.081	5.875
16	MP ALPHA2	X	-.081	2.125
17	MP BETA2	Y	-.1	5.875
18	MP BETA2	Y	-.1	2.125
19	MP BETA2	X	-.058	5.875
20	MP BETA2	X	-.058	2.125
21	MP GAMMA2	Y	-.141	5.875
22	MP GAMMA2	Y	-.141	2.125
23	MP GAMMA2	X	-.081	5.875
24	MP GAMMA2	X	-.081	2.125
25	MP ALPHA1	Y	-.095	5.042
26	MP ALPHA1	Y	-.095	2.958
27	MP ALPHA1	X	-.055	5.042
28	MP ALPHA1	X	-.055	2.958
29	MP BETA1	Y	-.048	5.042
30	MP BETA1	Y	-.048	2.958
31	MP BETA1	X	-.028	5.042
32	MP BETA1	X	-.028	2.958
33	MP GAMMA1	Y	-.095	5.042
34	MP GAMMA1	Y	-.095	2.958
35	MP GAMMA1	X	-.055	5.042
36	MP GAMMA1	X	-.055	2.958
37	MP ALPHA4	Y	-.266	6.917
38	MP ALPHA4	Y	-.266	1.083
39	MP ALPHA4	X	-.153	6.917
40	MP ALPHA4	X	-.153	1.083
41	MP BETA4	Y	-.115	6.917

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
42	MP BETA4	Y	-.115	1.083
43	MP BETA4	X	-.066	6.917
44	MP BETA4	X	-.066	1.083
45	MP GAMMA4	Y	-.266	6.917
46	MP GAMMA4	Y	-.266	1.083
47	MP GAMMA4	X	-.153	6.917
48	MP GAMMA4	X	-.153	1.083
49	MP ALPHA4	Y	-.058	4
50	MP ALPHA4	X	-.034	4
51	MP BETA4	Y	-.042	4
52	MP BETA4	X	-.024	4
53	MP GAMMA4	Y	-.058	4
54	MP GAMMA4	X	-.034	4
55	MP ALPHA4	Y	-.062	4
56	MP ALPHA4	X	-.036	4
57	MP BETA4	Y	-.032	4
58	MP BETA4	X	-.018	4
59	MP GAMMA4	Y	-.062	4
60	MP GAMMA4	X	-.036	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.058	5.875
2	MP ALPHA3	Y	-.058	2.125
3	MP ALPHA3	X	-.1	5.875
4	MP ALPHA3	X	-.1	2.125
5	MP BETA3	Y	-.058	5.875
6	MP BETA3	Y	-.058	2.125
7	MP BETA3	X	-.1	5.875
8	MP BETA3	X	-.1	2.125
9	MP GAMMA3	Y	-.073	5.875
10	MP GAMMA3	Y	-.073	2.125
11	MP GAMMA3	X	-.126	5.875
12	MP GAMMA3	X	-.126	2.125
13	MP ALPHA2	Y	-.066	5.875
14	MP ALPHA2	Y	-.066	2.125
15	MP ALPHA2	X	-.114	5.875
16	MP ALPHA2	X	-.114	2.125
17	MP BETA2	Y	-.066	5.875
18	MP BETA2	Y	-.066	2.125
19	MP BETA2	X	-.114	5.875
20	MP BETA2	X	-.114	2.125
21	MP GAMMA2	Y	-.089	5.875
22	MP GAMMA2	Y	-.089	2.125
23	MP GAMMA2	X	-.154	5.875
24	MP GAMMA2	X	-.154	2.125
25	MP ALPHA1	Y	-.037	5.042
26	MP ALPHA1	Y	-.037	2.958
27	MP ALPHA1	X	-.064	5.042
28	MP ALPHA1	X	-.064	2.958
29	MP BETA1	Y	-.037	5.042
30	MP BETA1	Y	-.037	2.958
31	MP BETA1	X	-.064	5.042
32	MP BETA1	X	-.064	2.958
33	MP GAMMA1	Y	-.064	5.042
34	MP GAMMA1	Y	-.064	2.958

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
35	MP GAMMA1	X	-.11	5.042
36	MP GAMMA1	X	-.11	2.958
37	MP ALPHA4	Y	-.095	6.917
38	MP ALPHA4	Y	-.095	1.083
39	MP ALPHA4	X	-.165	6.917
40	MP ALPHA4	X	-.165	1.083
41	MP BETA4	Y	-.095	6.917
42	MP BETA4	Y	-.095	1.083
43	MP BETA4	X	-.165	6.917
44	MP BETA4	X	-.165	1.083
45	MP GAMMA4	Y	-.182	6.917
46	MP GAMMA4	Y	-.182	1.083
47	MP GAMMA4	X	-.316	6.917
48	MP GAMMA4	X	-.316	1.083
49	MP ALPHA4	Y	-.027	4
50	MP ALPHA4	X	-.047	4
51	MP BETA4	Y	-.027	4
52	MP BETA4	X	-.047	4
53	MP GAMMA4	Y	-.037	4
54	MP GAMMA4	X	-.064	4
55	MP ALPHA4	Y	-.024	4
56	MP ALPHA4	X	-.042	4
57	MP BETA4	Y	-.024	4
58	MP BETA4	X	-.042	4
59	MP GAMMA4	Y	-.041	4
60	MP GAMMA4	X	-.071	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	X	-.106	5.875
2	MP ALPHA3	X	-.106	2.125
3	MP BETA3	X	-.136	5.875
4	MP BETA3	X	-.136	2.125
5	MP GAMMA3	X	-.136	5.875
6	MP GAMMA3	X	-.136	2.125
7	MP ALPHA2	X	-.116	5.875
8	MP ALPHA2	X	-.116	2.125
9	MP BETA2	X	-.162	5.875
10	MP BETA2	X	-.162	2.125
11	MP GAMMA2	X	-.162	5.875
12	MP GAMMA2	X	-.162	2.125
13	MP ALPHA1	X	-.056	5.042
14	MP ALPHA1	X	-.056	2.958
15	MP BETA1	X	-.109	5.042
16	MP BETA1	X	-.109	2.958
17	MP GAMMA1	X	-.109	5.042
18	MP GAMMA1	X	-.109	2.958
19	MP ALPHA4	X	-.132	6.917
20	MP ALPHA4	X	-.132	1.083
21	MP BETA4	X	-.307	6.917
22	MP BETA4	X	-.307	1.083
23	MP GAMMA4	X	-.307	6.917
24	MP GAMMA4	X	-.307	1.083
25	MP ALPHA4	X	-.049	4
26	MP BETA4	X	-.067	4
27	MP GAMMA4	X	-.067	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
28	MP ALPHA4	X	-.037	4
29	MP BETA4	X	-.071	4
30	MP GAMMA4	X	-.071	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.058	5.875
2	MP ALPHA3	Y	.058	2.125
3	MP ALPHA3	X	-.1	5.875
4	MP ALPHA3	X	-.1	2.125
5	MP BETA3	Y	.073	5.875
6	MP BETA3	Y	.073	2.125
7	MP BETA3	X	-.126	5.875
8	MP BETA3	X	-.126	2.125
9	MP GAMMA3	Y	.058	5.875
10	MP GAMMA3	Y	.058	2.125
11	MP GAMMA3	X	-.1	5.875
12	MP GAMMA3	X	-.1	2.125
13	MP ALPHA2	Y	.066	5.875
14	MP ALPHA2	Y	.066	2.125
15	MP ALPHA2	X	-.114	5.875
16	MP ALPHA2	X	-.114	2.125
17	MP BETA2	Y	.089	5.875
18	MP BETA2	Y	.089	2.125
19	MP BETA2	X	-.154	5.875
20	MP BETA2	X	-.154	2.125
21	MP GAMMA2	Y	.066	5.875
22	MP GAMMA2	Y	.066	2.125
23	MP GAMMA2	X	-.114	5.875
24	MP GAMMA2	X	-.114	2.125
25	MP ALPHA1	Y	.037	5.042
26	MP ALPHA1	Y	.037	2.958
27	MP ALPHA1	X	-.064	5.042
28	MP ALPHA1	X	-.064	2.958
29	MP BETA1	Y	.064	5.042
30	MP BETA1	Y	.064	2.958
31	MP BETA1	X	-.11	5.042
32	MP BETA1	X	-.11	2.958
33	MP GAMMA1	Y	.037	5.042
34	MP GAMMA1	Y	.037	2.958
35	MP GAMMA1	X	-.064	5.042
36	MP GAMMA1	X	-.064	2.958
37	MP ALPHA4	Y	.095	6.917
38	MP ALPHA4	Y	.095	1.083
39	MP ALPHA4	X	-.165	6.917
40	MP ALPHA4	X	-.165	1.083
41	MP BETA4	Y	.182	6.917
42	MP BETA4	Y	.182	1.083
43	MP BETA4	X	-.316	6.917
44	MP BETA4	X	-.316	1.083
45	MP GAMMA4	Y	.095	6.917
46	MP GAMMA4	Y	.095	1.083
47	MP GAMMA4	X	-.165	6.917
48	MP GAMMA4	X	-.165	1.083
49	MP ALPHA4	Y	.027	4
50	MP ALPHA4	X	-.047	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
51	MP BETA4	Y	.037	4
52	MP BETA4	X	-.064	4
53	MP GAMMA4	Y	.027	4
54	MP GAMMA4	X	-.047	4
55	MP ALPHA4	Y	.024	4
56	MP ALPHA4	X	-.042	4
57	MP BETA4	Y	.041	4
58	MP BETA4	X	-.071	4
59	MP GAMMA4	Y	.024	4
60	MP GAMMA4	X	-.042	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.118	5.875
2	MP ALPHA3	Y	.118	2.125
3	MP ALPHA3	X	-.068	5.875
4	MP ALPHA3	X	-.068	2.125
5	MP BETA3	Y	.118	5.875
6	MP BETA3	Y	.118	2.125
7	MP BETA3	X	-.068	5.875
8	MP BETA3	X	-.068	2.125
9	MP GAMMA3	Y	.091	5.875
10	MP GAMMA3	Y	.091	2.125
11	MP GAMMA3	X	-.053	5.875
12	MP GAMMA3	X	-.053	2.125
13	MP ALPHA2	Y	.141	5.875
14	MP ALPHA2	Y	.141	2.125
15	MP ALPHA2	X	-.081	5.875
16	MP ALPHA2	X	-.081	2.125
17	MP BETA2	Y	.141	5.875
18	MP BETA2	Y	.141	2.125
19	MP BETA2	X	-.081	5.875
20	MP BETA2	X	-.081	2.125
21	MP GAMMA2	Y	.1	5.875
22	MP GAMMA2	Y	.1	2.125
23	MP GAMMA2	X	-.058	5.875
24	MP GAMMA2	X	-.058	2.125
25	MP ALPHA1	Y	.095	5.042
26	MP ALPHA1	Y	.095	2.958
27	MP ALPHA1	X	-.055	5.042
28	MP ALPHA1	X	-.055	2.958
29	MP BETA1	Y	.095	5.042
30	MP BETA1	Y	.095	2.958
31	MP BETA1	X	-.055	5.042
32	MP BETA1	X	-.055	2.958
33	MP GAMMA1	Y	.048	5.042
34	MP GAMMA1	Y	.048	2.958
35	MP GAMMA1	X	-.028	5.042
36	MP GAMMA1	X	-.028	2.958
37	MP ALPHA4	Y	.266	6.917
38	MP ALPHA4	Y	.266	1.083
39	MP ALPHA4	X	-.153	6.917
40	MP ALPHA4	X	-.153	1.083
41	MP BETA4	Y	.266	6.917
42	MP BETA4	Y	.266	1.083
43	MP BETA4	X	-.153	6.917

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
44	MP BETA4	X	-.153	1.083
45	MP GAMMA4	Y	.115	6.917
46	MP GAMMA4	Y	.115	1.083
47	MP GAMMA4	X	-.066	6.917
48	MP GAMMA4	X	-.066	1.083
49	MP ALPHA4	Y	.058	4
50	MP ALPHA4	X	-.034	4
51	MP BETA4	Y	.058	4
52	MP BETA4	X	-.034	4
53	MP GAMMA4	Y	.042	4
54	MP GAMMA4	X	-.024	4
55	MP ALPHA4	Y	.062	4
56	MP ALPHA4	X	-.036	4
57	MP BETA4	Y	.062	4
58	MP BETA4	X	-.036	4
59	MP GAMMA4	Y	.032	4
60	MP GAMMA4	X	-.018	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.146	5.875
2	MP ALPHA3	Y	.146	2.125
3	MP BETA3	Y	.116	5.875
4	MP BETA3	Y	.116	2.125
5	MP GAMMA3	Y	.116	5.875
6	MP GAMMA3	Y	.116	2.125
7	MP ALPHA2	Y	.178	5.875
8	MP ALPHA2	Y	.178	2.125
9	MP BETA2	Y	.131	5.875
10	MP BETA2	Y	.131	2.125
11	MP GAMMA2	Y	.131	5.875
12	MP GAMMA2	Y	.131	2.125
13	MP ALPHA1	Y	.127	5.042
14	MP ALPHA1	Y	.127	2.958
15	MP BETA1	Y	.074	5.042
16	MP BETA1	Y	.074	2.958
17	MP GAMMA1	Y	.074	5.042
18	MP GAMMA1	Y	.074	2.958
19	MP ALPHA4	Y	.365	6.917
20	MP ALPHA4	Y	.365	1.083
21	MP BETA4	Y	.191	6.917
22	MP BETA4	Y	.191	1.083
23	MP GAMMA4	Y	.191	6.917
24	MP GAMMA4	Y	.191	1.083
25	MP ALPHA4	Y	.074	4
26	MP BETA4	Y	.055	4
27	MP GAMMA4	Y	.055	4
28	MP ALPHA4	Y	.083	4
29	MP BETA4	Y	.048	4
30	MP GAMMA4	Y	.048	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.118	5.875
2	MP ALPHA3	Y	.118	2.125
3	MP ALPHA3	X	.068	5.875

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
4	MP ALPHA3	X	.068	2.125
5	MP BETA3	Y	.091	5.875
6	MP BETA3	Y	.091	2.125
7	MP BETA3	X	.053	5.875
8	MP BETA3	X	.053	2.125
9	MP GAMMA3	Y	.118	5.875
10	MP GAMMA3	Y	.118	2.125
11	MP GAMMA3	X	.068	5.875
12	MP GAMMA3	X	.068	2.125
13	MP ALPHA2	Y	.141	5.875
14	MP ALPHA2	Y	.141	2.125
15	MP ALPHA2	X	.081	5.875
16	MP ALPHA2	X	.081	2.125
17	MP BETA2	Y	.1	5.875
18	MP BETA2	Y	.1	2.125
19	MP BETA2	X	.058	5.875
20	MP BETA2	X	.058	2.125
21	MP GAMMA2	Y	.141	5.875
22	MP GAMMA2	Y	.141	2.125
23	MP GAMMA2	X	.081	5.875
24	MP GAMMA2	X	.081	2.125
25	MP ALPHA1	Y	.095	5.042
26	MP ALPHA1	Y	.095	2.958
27	MP ALPHA1	X	.055	5.042
28	MP ALPHA1	X	.055	2.958
29	MP BETA1	Y	.048	5.042
30	MP BETA1	Y	.048	2.958
31	MP BETA1	X	.028	5.042
32	MP BETA1	X	.028	2.958
33	MP GAMMA1	Y	.095	5.042
34	MP GAMMA1	Y	.095	2.958
35	MP GAMMA1	X	.055	5.042
36	MP GAMMA1	X	.055	2.958
37	MP ALPHA4	Y	.266	6.917
38	MP ALPHA4	Y	.266	1.083
39	MP ALPHA4	X	.153	6.917
40	MP ALPHA4	X	.153	1.083
41	MP BETA4	Y	.115	6.917
42	MP BETA4	Y	.115	1.083
43	MP BETA4	X	.066	6.917
44	MP BETA4	X	.066	1.083
45	MP GAMMA4	Y	.266	6.917
46	MP GAMMA4	Y	.266	1.083
47	MP GAMMA4	X	.153	6.917
48	MP GAMMA4	X	.153	1.083
49	MP ALPHA4	Y	.058	4
50	MP ALPHA4	X	.034	4
51	MP BETA4	Y	.042	4
52	MP BETA4	X	.024	4
53	MP GAMMA4	Y	.058	4
54	MP GAMMA4	X	.034	4
55	MP ALPHA4	Y	.062	4
56	MP ALPHA4	X	.036	4
57	MP BETA4	Y	.032	4
58	MP BETA4	X	.018	4
59	MP GAMMA4	Y	.062	4
60	MP GAMMA4	X	.036	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.058	5.875
2	MP ALPHA3	Y	.058	2.125
3	MP ALPHA3	X	.1	5.875
4	MP ALPHA3	X	.1	2.125
5	MP BETA3	Y	.058	5.875
6	MP BETA3	Y	.058	2.125
7	MP BETA3	X	.1	5.875
8	MP BETA3	X	.1	2.125
9	MP GAMMA3	Y	.073	5.875
10	MP GAMMA3	Y	.073	2.125
11	MP GAMMA3	X	.126	5.875
12	MP GAMMA3	X	.126	2.125
13	MP ALPHA2	Y	.066	5.875
14	MP ALPHA2	Y	.066	2.125
15	MP ALPHA2	X	.114	5.875
16	MP ALPHA2	X	.114	2.125
17	MP BETA2	Y	.066	5.875
18	MP BETA2	Y	.066	2.125
19	MP BETA2	X	.114	5.875
20	MP BETA2	X	.114	2.125
21	MP GAMMA2	Y	.089	5.875
22	MP GAMMA2	Y	.089	2.125
23	MP GAMMA2	X	.154	5.875
24	MP GAMMA2	X	.154	2.125
25	MP ALPHA1	Y	.037	5.042
26	MP ALPHA1	Y	.037	2.958
27	MP ALPHA1	X	.064	5.042
28	MP ALPHA1	X	.064	2.958
29	MP BETA1	Y	.037	5.042
30	MP BETA1	Y	.037	2.958
31	MP BETA1	X	.064	5.042
32	MP BETA1	X	.064	2.958
33	MP GAMMA1	Y	.064	5.042
34	MP GAMMA1	Y	.064	2.958
35	MP GAMMA1	X	.11	5.042
36	MP GAMMA1	X	.11	2.958
37	MP ALPHA4	Y	.095	6.917
38	MP ALPHA4	Y	.095	1.083
39	MP ALPHA4	X	.165	6.917
40	MP ALPHA4	X	.165	1.083
41	MP BETA4	Y	.095	6.917
42	MP BETA4	Y	.095	1.083
43	MP BETA4	X	.165	6.917
44	MP BETA4	X	.165	1.083
45	MP GAMMA4	Y	.182	6.917
46	MP GAMMA4	Y	.182	1.083
47	MP GAMMA4	X	.316	6.917
48	MP GAMMA4	X	.316	1.083
49	MP ALPHA4	Y	.027	4
50	MP ALPHA4	X	.047	4
51	MP BETA4	Y	.027	4
52	MP BETA4	X	.047	4
53	MP GAMMA4	Y	.037	4
54	MP GAMMA4	X	.064	4
55	MP ALPHA4	Y	.024	4
56	MP ALPHA4	X	.042	4
57	MP BETA4	Y	.024	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
58	MP BETA4	X	.042	4
59	MP GAMMA4	Y	.041	4
60	MP GAMMA4	X	.071	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	X	.106	5.875
2	MP ALPHA3	X	.106	2.125
3	MP BETA3	X	.136	5.875
4	MP BETA3	X	.136	2.125
5	MP GAMMA3	X	.136	5.875
6	MP GAMMA3	X	.136	2.125
7	MP ALPHA2	X	.116	5.875
8	MP ALPHA2	X	.116	2.125
9	MP BETA2	X	.162	5.875
10	MP BETA2	X	.162	2.125
11	MP GAMMA2	X	.162	5.875
12	MP GAMMA2	X	.162	2.125
13	MP ALPHA1	X	.056	5.042
14	MP ALPHA1	X	.056	2.958
15	MP BETA1	X	.109	5.042
16	MP BETA1	X	.109	2.958
17	MP GAMMA1	X	.109	5.042
18	MP GAMMA1	X	.109	2.958
19	MP ALPHA4	X	.132	6.917
20	MP ALPHA4	X	.132	1.083
21	MP BETA4	X	.307	6.917
22	MP BETA4	X	.307	1.083
23	MP GAMMA4	X	.307	6.917
24	MP GAMMA4	X	.307	1.083
25	MP ALPHA4	X	.049	4
26	MP BETA4	X	.067	4
27	MP GAMMA4	X	.067	4
28	MP ALPHA4	X	.037	4
29	MP BETA4	X	.071	4
30	MP GAMMA4	X	.071	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.058	5.875
2	MP ALPHA3	Y	-.058	2.125
3	MP ALPHA3	X	.1	5.875
4	MP ALPHA3	X	.1	2.125
5	MP BETA3	Y	-.073	5.875
6	MP BETA3	Y	-.073	2.125
7	MP BETA3	X	.126	5.875
8	MP BETA3	X	.126	2.125
9	MP GAMMA3	Y	-.058	5.875
10	MP GAMMA3	Y	-.058	2.125
11	MP GAMMA3	X	.1	5.875
12	MP GAMMA3	X	.1	2.125
13	MP ALPHA2	Y	-.066	5.875
14	MP ALPHA2	Y	-.066	2.125
15	MP ALPHA2	X	.114	5.875
16	MP ALPHA2	X	.114	2.125
17	MP BETA2	Y	-.089	5.875

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
18	MP BETA2	Y	-.089	2.125
19	MP BETA2	X	.154	5.875
20	MP BETA2	X	.154	2.125
21	MP GAMMA2	Y	-.066	5.875
22	MP GAMMA2	Y	-.066	2.125
23	MP GAMMA2	X	.114	5.875
24	MP GAMMA2	X	.114	2.125
25	MP ALPHA1	Y	-.037	5.042
26	MP ALPHA1	Y	-.037	2.958
27	MP ALPHA1	X	.064	5.042
28	MP ALPHA1	X	.064	2.958
29	MP BETA1	Y	-.064	5.042
30	MP BETA1	Y	-.064	2.958
31	MP BETA1	X	.11	5.042
32	MP BETA1	X	.11	2.958
33	MP GAMMA1	Y	-.037	5.042
34	MP GAMMA1	Y	-.037	2.958
35	MP GAMMA1	X	.064	5.042
36	MP GAMMA1	X	.064	2.958
37	MP ALPHA4	Y	-.095	6.917
38	MP ALPHA4	Y	-.095	1.083
39	MP ALPHA4	X	.165	6.917
40	MP ALPHA4	X	.165	1.083
41	MP BETA4	Y	-.182	6.917
42	MP BETA4	Y	-.182	1.083
43	MP BETA4	X	.316	6.917
44	MP BETA4	X	.316	1.083
45	MP GAMMA4	Y	-.095	6.917
46	MP GAMMA4	Y	-.095	1.083
47	MP GAMMA4	X	.165	6.917
48	MP GAMMA4	X	.165	1.083
49	MP ALPHA4	Y	-.027	4
50	MP ALPHA4	X	.047	4
51	MP BETA4	Y	-.037	4
52	MP BETA4	X	.064	4
53	MP GAMMA4	Y	-.027	4
54	MP GAMMA4	X	.047	4
55	MP ALPHA4	Y	-.024	4
56	MP ALPHA4	X	.042	4
57	MP BETA4	Y	-.041	4
58	MP BETA4	X	.071	4
59	MP GAMMA4	Y	-.024	4
60	MP GAMMA4	X	.042	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.118	5.875
2	MP ALPHA3	Y	-.118	2.125
3	MP ALPHA3	X	.068	5.875
4	MP ALPHA3	X	.068	2.125
5	MP BETA3	Y	-.118	5.875
6	MP BETA3	Y	-.118	2.125
7	MP BETA3	X	.068	5.875
8	MP BETA3	X	.068	2.125
9	MP GAMMA3	Y	-.091	5.875
10	MP GAMMA3	Y	-.091	2.125

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
11	MP GAMMA3	X	.053	5.875
12	MP GAMMA3	X	.053	2.125
13	MP ALPHA2	Y	-.141	5.875
14	MP ALPHA2	Y	-.141	2.125
15	MP ALPHA2	X	.081	5.875
16	MP ALPHA2	X	.081	2.125
17	MP BETA2	Y	-.141	5.875
18	MP BETA2	Y	-.141	2.125
19	MP BETA2	X	.081	5.875
20	MP BETA2	X	.081	2.125
21	MP GAMMA2	Y	-.1	5.875
22	MP GAMMA2	Y	-.1	2.125
23	MP GAMMA2	X	.058	5.875
24	MP GAMMA2	X	.058	2.125
25	MP ALPHA1	Y	-.095	5.042
26	MP ALPHA1	Y	-.095	2.958
27	MP ALPHA1	X	.055	5.042
28	MP ALPHA1	X	.055	2.958
29	MP BETA1	Y	-.095	5.042
30	MP BETA1	Y	-.095	2.958
31	MP BETA1	X	.055	5.042
32	MP BETA1	X	.055	2.958
33	MP GAMMA1	Y	-.048	5.042
34	MP GAMMA1	Y	-.048	2.958
35	MP GAMMA1	X	.028	5.042
36	MP GAMMA1	X	.028	2.958
37	MP ALPHA4	Y	-.266	6.917
38	MP ALPHA4	Y	-.266	1.083
39	MP ALPHA4	X	.153	6.917
40	MP ALPHA4	X	.153	1.083
41	MP BETA4	Y	-.266	6.917
42	MP BETA4	Y	-.266	1.083
43	MP BETA4	X	.153	6.917
44	MP BETA4	X	.153	1.083
45	MP GAMMA4	Y	-.115	6.917
46	MP GAMMA4	Y	-.115	1.083
47	MP GAMMA4	X	.066	6.917
48	MP GAMMA4	X	.066	1.083
49	MP ALPHA4	Y	-.058	4
50	MP ALPHA4	X	.034	4
51	MP BETA4	Y	-.058	4
52	MP BETA4	X	.034	4
53	MP GAMMA4	Y	-.042	4
54	MP GAMMA4	X	.024	4
55	MP ALPHA4	Y	-.062	4
56	MP ALPHA4	X	.036	4
57	MP BETA4	Y	-.062	4
58	MP BETA4	X	.036	4
59	MP GAMMA4	Y	-.032	4
60	MP GAMMA4	X	.018	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.008	5.875
2	MP ALPHA3	Y	-.008	2.125
3	MP BETA3	Y	-.007	5.875

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
4	MP BETA3	Y	-.007	2.125
5	MP GAMMA3	Y	-.007	5.875
6	MP GAMMA3	Y	-.007	2.125
7	MP ALPHA2	Y	-.01	5.875
8	MP ALPHA2	Y	-.01	2.125
9	MP BETA2	Y	-.008	5.875
10	MP BETA2	Y	-.008	2.125
11	MP GAMMA2	Y	-.008	5.875
12	MP GAMMA2	Y	-.008	2.125
13	MP ALPHA1	Y	-.007	5.042
14	MP ALPHA1	Y	-.007	2.958
15	MP BETA1	Y	-.004	5.042
16	MP BETA1	Y	-.004	2.958
17	MP GAMMA1	Y	-.004	5.042
18	MP GAMMA1	Y	-.004	2.958
19	MP ALPHA4	Y	-.021	6.917
20	MP ALPHA4	Y	-.021	1.083
21	MP BETA4	Y	-.011	6.917
22	MP BETA4	Y	-.011	1.083
23	MP GAMMA4	Y	-.011	6.917
24	MP GAMMA4	Y	-.011	1.083
25	MP ALPHA4	Y	-.004	4
26	MP BETA4	Y	-.003	4
27	MP GAMMA4	Y	-.003	4
28	MP ALPHA4	Y	-.005	4
29	MP BETA4	Y	-.003	4
30	MP GAMMA4	Y	-.003	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.007	5.875
2	MP ALPHA3	Y	-.007	2.125
3	MP ALPHA3	X	-.004	5.875
4	MP ALPHA3	X	-.004	2.125
5	MP BETA3	Y	-.005	5.875
6	MP BETA3	Y	-.005	2.125
7	MP BETA3	X	-.003	5.875
8	MP BETA3	X	-.003	2.125
9	MP GAMMA3	Y	-.007	5.875
10	MP GAMMA3	Y	-.007	2.125
11	MP GAMMA3	X	-.004	5.875
12	MP GAMMA3	X	-.004	2.125
13	MP ALPHA2	Y	-.008	5.875
14	MP ALPHA2	Y	-.008	2.125
15	MP ALPHA2	X	-.005	5.875
16	MP ALPHA2	X	-.005	2.125
17	MP BETA2	Y	-.006	5.875
18	MP BETA2	Y	-.006	2.125
19	MP BETA2	X	-.003	5.875
20	MP BETA2	X	-.003	2.125
21	MP GAMMA2	Y	-.008	5.875
22	MP GAMMA2	Y	-.008	2.125
23	MP GAMMA2	X	-.005	5.875
24	MP GAMMA2	X	-.005	2.125
25	MP ALPHA1	Y	-.005	5.042
26	MP ALPHA1	Y	-.005	2.958

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
27	MP ALPHA1	X	-.003	5.042
28	MP ALPHA1	X	-.003	2.958
29	MP BETA1	Y	-.003	5.042
30	MP BETA1	Y	-.003	2.958
31	MP BETA1	X	-.002	5.042
32	MP BETA1	X	-.002	2.958
33	MP GAMMA1	Y	-.005	5.042
34	MP GAMMA1	Y	-.005	2.958
35	MP GAMMA1	X	-.003	5.042
36	MP GAMMA1	X	-.003	2.958
37	MP ALPHA4	Y	-.015	6.917
38	MP ALPHA4	Y	-.015	1.083
39	MP ALPHA4	X	-.009	6.917
40	MP ALPHA4	X	-.009	1.083
41	MP BETA4	Y	-.007	6.917
42	MP BETA4	Y	-.007	1.083
43	MP BETA4	X	-.004	6.917
44	MP BETA4	X	-.004	1.083
45	MP GAMMA4	Y	-.015	6.917
46	MP GAMMA4	Y	-.015	1.083
47	MP GAMMA4	X	-.009	6.917
48	MP GAMMA4	X	-.009	1.083
49	MP ALPHA4	Y	-.003	4
50	MP ALPHA4	X	-.002	4
51	MP BETA4	Y	-.002	4
52	MP BETA4	X	-.001	4
53	MP GAMMA4	Y	-.003	4
54	MP GAMMA4	X	-.002	4
55	MP ALPHA4	Y	-.004	4
56	MP ALPHA4	X	-.002	4
57	MP BETA4	Y	-.002	4
58	MP BETA4	X	-.001	4
59	MP GAMMA4	Y	-.004	4
60	MP GAMMA4	X	-.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.003	5.875
2	MP ALPHA3	Y	-.003	2.125
3	MP ALPHA3	X	-.006	5.875
4	MP ALPHA3	X	-.006	2.125
5	MP BETA3	Y	-.003	5.875
6	MP BETA3	Y	-.003	2.125
7	MP BETA3	X	-.006	5.875
8	MP BETA3	X	-.006	2.125
9	MP GAMMA3	Y	-.004	5.875
10	MP GAMMA3	Y	-.004	2.125
11	MP GAMMA3	X	-.007	5.875
12	MP GAMMA3	X	-.007	2.125
13	MP ALPHA2	Y	-.004	5.875
14	MP ALPHA2	Y	-.004	2.125
15	MP ALPHA2	X	-.007	5.875
16	MP ALPHA2	X	-.007	2.125
17	MP BETA2	Y	-.004	5.875
18	MP BETA2	Y	-.004	2.125
19	MP BETA2	X	-.007	5.875

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
20	MP BETA2	X	-.007	2.125
21	MP GAMMA2	Y	-.005	5.875
22	MP GAMMA2	Y	-.005	2.125
23	MP GAMMA2	X	-.009	5.875
24	MP GAMMA2	X	-.009	2.125
25	MP ALPHA1	Y	-.002	5.042
26	MP ALPHA1	Y	-.002	2.958
27	MP ALPHA1	X	-.004	5.042
28	MP ALPHA1	X	-.004	2.958
29	MP BETA1	Y	-.002	5.042
30	MP BETA1	Y	-.002	2.958
31	MP BETA1	X	-.004	5.042
32	MP BETA1	X	-.004	2.958
33	MP GAMMA1	Y	-.004	5.042
34	MP GAMMA1	Y	-.004	2.958
35	MP GAMMA1	X	-.006	5.042
36	MP GAMMA1	X	-.006	2.958
37	MP ALPHA4	Y	-.005	6.917
38	MP ALPHA4	Y	-.005	1.083
39	MP ALPHA4	X	-.01	6.917
40	MP ALPHA4	X	-.01	1.083
41	MP BETA4	Y	-.005	6.917
42	MP BETA4	Y	-.005	1.083
43	MP BETA4	X	-.01	6.917
44	MP BETA4	X	-.01	1.083
45	MP GAMMA4	Y	-.011	6.917
46	MP GAMMA4	Y	-.011	1.083
47	MP GAMMA4	X	-.018	6.917
48	MP GAMMA4	X	-.018	1.083
49	MP ALPHA4	Y	-.002	4
50	MP ALPHA4	X	-.003	4
51	MP BETA4	Y	-.002	4
52	MP BETA4	X	-.003	4
53	MP GAMMA4	Y	-.002	4
54	MP GAMMA4	X	-.004	4
55	MP ALPHA4	Y	-.001	4
56	MP ALPHA4	X	-.002	4
57	MP BETA4	Y	-.001	4
58	MP BETA4	X	-.002	4
59	MP GAMMA4	Y	-.002	4
60	MP GAMMA4	X	-.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	X	-.006	5.875
2	MP ALPHA3	X	-.006	2.125
3	MP BETA3	X	-.008	5.875
4	MP BETA3	X	-.008	2.125
5	MP GAMMA3	X	-.008	5.875
6	MP GAMMA3	X	-.008	2.125
7	MP ALPHA2	X	-.007	5.875
8	MP ALPHA2	X	-.007	2.125
9	MP BETA2	X	-.009	5.875
10	MP BETA2	X	-.009	2.125
11	MP GAMMA2	X	-.009	5.875
12	MP GAMMA2	X	-.009	2.125

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
13	MP ALPHA1	X	-.003	5.042
14	MP ALPHA1	X	-.003	2.958
15	MP BETA1	X	-.006	5.042
16	MP BETA1	X	-.006	2.958
17	MP GAMMA1	X	-.006	5.042
18	MP GAMMA1	X	-.006	2.958
19	MP ALPHA4	X	-.008	6.917
20	MP ALPHA4	X	-.008	1.083
21	MP BETA4	X	-.018	6.917
22	MP BETA4	X	-.018	1.083
23	MP GAMMA4	X	-.018	6.917
24	MP GAMMA4	X	-.018	1.083
25	MP ALPHA4	X	-.003	4
26	MP BETA4	X	-.004	4
27	MP GAMMA4	X	-.004	4
28	MP ALPHA4	X	-.002	4
29	MP BETA4	X	-.004	4
30	MP GAMMA4	X	-.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.003	5.875
2	MP ALPHA3	Y	.003	2.125
3	MP ALPHA3	X	-.006	5.875
4	MP ALPHA3	X	-.006	2.125
5	MP BETA3	Y	.004	5.875
6	MP BETA3	Y	.004	2.125
7	MP BETA3	X	-.007	5.875
8	MP BETA3	X	-.007	2.125
9	MP GAMMA3	Y	.003	5.875
10	MP GAMMA3	Y	.003	2.125
11	MP GAMMA3	X	-.006	5.875
12	MP GAMMA3	X	-.006	2.125
13	MP ALPHA2	Y	.004	5.875
14	MP ALPHA2	Y	.004	2.125
15	MP ALPHA2	X	-.007	5.875
16	MP ALPHA2	X	-.007	2.125
17	MP BETA2	Y	.005	5.875
18	MP BETA2	Y	.005	2.125
19	MP BETA2	X	-.009	5.875
20	MP BETA2	X	-.009	2.125
21	MP GAMMA2	Y	.004	5.875
22	MP GAMMA2	Y	.004	2.125
23	MP GAMMA2	X	-.007	5.875
24	MP GAMMA2	X	-.007	2.125
25	MP ALPHA1	Y	.002	5.042
26	MP ALPHA1	Y	.002	2.958
27	MP ALPHA1	X	-.004	5.042
28	MP ALPHA1	X	-.004	2.958
29	MP BETA1	Y	.004	5.042
30	MP BETA1	Y	.004	2.958
31	MP BETA1	X	-.006	5.042
32	MP BETA1	X	-.006	2.958
33	MP GAMMA1	Y	.002	5.042
34	MP GAMMA1	Y	.002	2.958
35	MP GAMMA1	X	-.004	5.042

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
36	MP GAMMA1	X	-.004	2.958
37	MP ALPHA4	Y	.005	6.917
38	MP ALPHA4	Y	.005	1.083
39	MP ALPHA4	X	-.01	6.917
40	MP ALPHA4	X	-.01	1.083
41	MP BETA4	Y	.011	6.917
42	MP BETA4	Y	.011	1.083
43	MP BETA4	X	-.018	6.917
44	MP BETA4	X	-.018	1.083
45	MP GAMMA4	Y	.005	6.917
46	MP GAMMA4	Y	.005	1.083
47	MP GAMMA4	X	-.01	6.917
48	MP GAMMA4	X	-.01	1.083
49	MP ALPHA4	Y	.002	4
50	MP ALPHA4	X	-.003	4
51	MP BETA4	Y	.002	4
52	MP BETA4	X	-.004	4
53	MP GAMMA4	Y	.002	4
54	MP GAMMA4	X	-.003	4
55	MP ALPHA4	Y	.001	4
56	MP ALPHA4	X	-.002	4
57	MP BETA4	Y	.002	4
58	MP BETA4	X	-.004	4
59	MP GAMMA4	Y	.001	4
60	MP GAMMA4	X	-.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.007	5.875
2	MP ALPHA3	Y	.007	2.125
3	MP ALPHA3	X	-.004	5.875
4	MP ALPHA3	X	-.004	2.125
5	MP BETA3	Y	.007	5.875
6	MP BETA3	Y	.007	2.125
7	MP BETA3	X	-.004	5.875
8	MP BETA3	X	-.004	2.125
9	MP GAMMA3	Y	.005	5.875
10	MP GAMMA3	Y	.005	2.125
11	MP GAMMA3	X	-.003	5.875
12	MP GAMMA3	X	-.003	2.125
13	MP ALPHA2	Y	.008	5.875
14	MP ALPHA2	Y	.008	2.125
15	MP ALPHA2	X	-.005	5.875
16	MP ALPHA2	X	-.005	2.125
17	MP BETA2	Y	.008	5.875
18	MP BETA2	Y	.008	2.125
19	MP BETA2	X	-.005	5.875
20	MP BETA2	X	-.005	2.125
21	MP GAMMA2	Y	.006	5.875
22	MP GAMMA2	Y	.006	2.125
23	MP GAMMA2	X	-.003	5.875
24	MP GAMMA2	X	-.003	2.125
25	MP ALPHA1	Y	.005	5.042
26	MP ALPHA1	Y	.005	2.958
27	MP ALPHA1	X	-.003	5.042
28	MP ALPHA1	X	-.003	2.958

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
29	MP BETA1	Y	.005	5.042
30	MP BETA1	Y	.005	2.958
31	MP BETA1	X	-.003	5.042
32	MP BETA1	X	-.003	2.958
33	MP GAMMA1	Y	.003	5.042
34	MP GAMMA1	Y	.003	2.958
35	MP GAMMA1	X	-.002	5.042
36	MP GAMMA1	X	-.002	2.958
37	MP ALPHA4	Y	.015	6.917
38	MP ALPHA4	Y	.015	1.083
39	MP ALPHA4	X	-.009	6.917
40	MP ALPHA4	X	-.009	1.083
41	MP BETA4	Y	.015	6.917
42	MP BETA4	Y	.015	1.083
43	MP BETA4	X	-.009	6.917
44	MP BETA4	X	-.009	1.083
45	MP GAMMA4	Y	.007	6.917
46	MP GAMMA4	Y	.007	1.083
47	MP GAMMA4	X	-.004	6.917
48	MP GAMMA4	X	-.004	1.083
49	MP ALPHA4	Y	.003	4
50	MP ALPHA4	X	-.002	4
51	MP BETA4	Y	.003	4
52	MP BETA4	X	-.002	4
53	MP GAMMA4	Y	.002	4
54	MP GAMMA4	X	-.001	4
55	MP ALPHA4	Y	.004	4
56	MP ALPHA4	X	-.002	4
57	MP BETA4	Y	.004	4
58	MP BETA4	X	-.002	4
59	MP GAMMA4	Y	.002	4
60	MP GAMMA4	X	-.001	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.008	5.875
2	MP ALPHA3	Y	.008	2.125
3	MP BETA3	Y	.007	5.875
4	MP BETA3	Y	.007	2.125
5	MP GAMMA3	Y	.007	5.875
6	MP GAMMA3	Y	.007	2.125
7	MP ALPHA2	Y	.01	5.875
8	MP ALPHA2	Y	.01	2.125
9	MP BETA2	Y	.008	5.875
10	MP BETA2	Y	.008	2.125
11	MP GAMMA2	Y	.008	5.875
12	MP GAMMA2	Y	.008	2.125
13	MP ALPHA1	Y	.007	5.042
14	MP ALPHA1	Y	.007	2.958
15	MP BETA1	Y	.004	5.042
16	MP BETA1	Y	.004	2.958
17	MP GAMMA1	Y	.004	5.042
18	MP GAMMA1	Y	.004	2.958
19	MP ALPHA4	Y	.021	6.917
20	MP ALPHA4	Y	.021	1.083
21	MP BETA4	Y	.011	6.917

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP BETA4	Y	.011	1.083
23	MP GAMMA4	Y	.011	6.917
24	MP GAMMA4	Y	.011	1.083
25	MP ALPHA4	Y	.004	4
26	MP BETA4	Y	.003	4
27	MP GAMMA4	Y	.003	4
28	MP ALPHA4	Y	.005	4
29	MP BETA4	Y	.003	4
30	MP GAMMA4	Y	.003	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.007	5.875
2	MP ALPHA3	Y	.007	2.125
3	MP ALPHA3	X	.004	5.875
4	MP ALPHA3	X	.004	2.125
5	MP BETA3	Y	.005	5.875
6	MP BETA3	Y	.005	2.125
7	MP BETA3	X	.003	5.875
8	MP BETA3	X	.003	2.125
9	MP GAMMA3	Y	.007	5.875
10	MP GAMMA3	Y	.007	2.125
11	MP GAMMA3	X	.004	5.875
12	MP GAMMA3	X	.004	2.125
13	MP ALPHA2	Y	.008	5.875
14	MP ALPHA2	Y	.008	2.125
15	MP ALPHA2	X	.005	5.875
16	MP ALPHA2	X	.005	2.125
17	MP BETA2	Y	.006	5.875
18	MP BETA2	Y	.006	2.125
19	MP BETA2	X	.003	5.875
20	MP BETA2	X	.003	2.125
21	MP GAMMA2	Y	.008	5.875
22	MP GAMMA2	Y	.008	2.125
23	MP GAMMA2	X	.005	5.875
24	MP GAMMA2	X	.005	2.125
25	MP ALPHA1	Y	.005	5.042
26	MP ALPHA1	Y	.005	2.958
27	MP ALPHA1	X	.003	5.042
28	MP ALPHA1	X	.003	2.958
29	MP BETA1	Y	.003	5.042
30	MP BETA1	Y	.003	2.958
31	MP BETA1	X	.002	5.042
32	MP BETA1	X	.002	2.958
33	MP GAMMA1	Y	.005	5.042
34	MP GAMMA1	Y	.005	2.958
35	MP GAMMA1	X	.003	5.042
36	MP GAMMA1	X	.003	2.958
37	MP ALPHA4	Y	.015	6.917
38	MP ALPHA4	Y	.015	1.083
39	MP ALPHA4	X	.009	6.917
40	MP ALPHA4	X	.009	1.083
41	MP BETA4	Y	.007	6.917
42	MP BETA4	Y	.007	1.083
43	MP BETA4	X	.004	6.917
44	MP BETA4	X	.004	1.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
45	MP GAMMA4	Y	.015	6.917
46	MP GAMMA4	Y	.015	1.083
47	MP GAMMA4	X	.009	6.917
48	MP GAMMA4	X	.009	1.083
49	MP ALPHA4	Y	.003	4
50	MP ALPHA4	X	.002	4
51	MP BETA4	Y	.002	4
52	MP BETA4	X	.001	4
53	MP GAMMA4	Y	.003	4
54	MP GAMMA4	X	.002	4
55	MP ALPHA4	Y	.004	4
56	MP ALPHA4	X	.002	4
57	MP BETA4	Y	.002	4
58	MP BETA4	X	.001	4
59	MP GAMMA4	Y	.004	4
60	MP GAMMA4	X	.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.003	5.875
2	MP ALPHA3	Y	.003	2.125
3	MP ALPHA3	X	.006	5.875
4	MP ALPHA3	X	.006	2.125
5	MP BETA3	Y	.003	5.875
6	MP BETA3	Y	.003	2.125
7	MP BETA3	X	.006	5.875
8	MP BETA3	X	.006	2.125
9	MP GAMMA3	Y	.004	5.875
10	MP GAMMA3	Y	.004	2.125
11	MP GAMMA3	X	.007	5.875
12	MP GAMMA3	X	.007	2.125
13	MP ALPHA2	Y	.004	5.875
14	MP ALPHA2	Y	.004	2.125
15	MP ALPHA2	X	.007	5.875
16	MP ALPHA2	X	.007	2.125
17	MP BETA2	Y	.004	5.875
18	MP BETA2	Y	.004	2.125
19	MP BETA2	X	.007	5.875
20	MP BETA2	X	.007	2.125
21	MP GAMMA2	Y	.005	5.875
22	MP GAMMA2	Y	.005	2.125
23	MP GAMMA2	X	.009	5.875
24	MP GAMMA2	X	.009	2.125
25	MP ALPHA1	Y	.002	5.042
26	MP ALPHA1	Y	.002	2.958
27	MP ALPHA1	X	.004	5.042
28	MP ALPHA1	X	.004	2.958
29	MP BETA1	Y	.002	5.042
30	MP BETA1	Y	.002	2.958
31	MP BETA1	X	.004	5.042
32	MP BETA1	X	.004	2.958
33	MP GAMMA1	Y	.004	5.042
34	MP GAMMA1	Y	.004	2.958
35	MP GAMMA1	X	.006	5.042
36	MP GAMMA1	X	.006	2.958
37	MP ALPHA4	Y	.005	6.917

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
38	MP ALPHA4	Y	.005	1.083
39	MP ALPHA4	X	.01	6.917
40	MP ALPHA4	X	.01	1.083
41	MP BETA4	Y	.005	6.917
42	MP BETA4	Y	.005	1.083
43	MP BETA4	X	.01	6.917
44	MP BETA4	X	.01	1.083
45	MP GAMMA4	Y	.011	6.917
46	MP GAMMA4	Y	.011	1.083
47	MP GAMMA4	X	.018	6.917
48	MP GAMMA4	X	.018	1.083
49	MP ALPHA4	Y	.002	4
50	MP ALPHA4	X	.003	4
51	MP BETA4	Y	.002	4
52	MP BETA4	X	.003	4
53	MP GAMMA4	Y	.002	4
54	MP GAMMA4	X	.004	4
55	MP ALPHA4	Y	.001	4
56	MP ALPHA4	X	.002	4
57	MP BETA4	Y	.001	4
58	MP BETA4	X	.002	4
59	MP GAMMA4	Y	.002	4
60	MP GAMMA4	X	.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	X	.006	5.875
2	MP ALPHA3	X	.006	2.125
3	MP BETA3	X	.008	5.875
4	MP BETA3	X	.008	2.125
5	MP GAMMA3	X	.008	5.875
6	MP GAMMA3	X	.008	2.125
7	MP ALPHA2	X	.007	5.875
8	MP ALPHA2	X	.007	2.125
9	MP BETA2	X	.009	5.875
10	MP BETA2	X	.009	2.125
11	MP GAMMA2	X	.009	5.875
12	MP GAMMA2	X	.009	2.125
13	MP ALPHA1	X	.003	5.042
14	MP ALPHA1	X	.003	2.958
15	MP BETA1	X	.006	5.042
16	MP BETA1	X	.006	2.958
17	MP GAMMA1	X	.006	5.042
18	MP GAMMA1	X	.006	2.958
19	MP ALPHA4	X	.008	6.917
20	MP ALPHA4	X	.008	1.083
21	MP BETA4	X	.018	6.917
22	MP BETA4	X	.018	1.083
23	MP GAMMA4	X	.018	6.917
24	MP GAMMA4	X	.018	1.083
25	MP ALPHA4	X	.003	4
26	MP BETA4	X	.004	4
27	MP GAMMA4	X	.004	4
28	MP ALPHA4	X	.002	4
29	MP BETA4	X	.004	4
30	MP GAMMA4	X	.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.003	5.875
2	MP ALPHA3	Y	-.003	2.125
3	MP ALPHA3	X	.006	5.875
4	MP ALPHA3	X	.006	2.125
5	MP BETA3	Y	-.004	5.875
6	MP BETA3	Y	-.004	2.125
7	MP BETA3	X	.007	5.875
8	MP BETA3	X	.007	2.125
9	MP GAMMA3	Y	-.003	5.875
10	MP GAMMA3	Y	-.003	2.125
11	MP GAMMA3	X	.006	5.875
12	MP GAMMA3	X	.006	2.125
13	MP ALPHA2	Y	-.004	5.875
14	MP ALPHA2	Y	-.004	2.125
15	MP ALPHA2	X	.007	5.875
16	MP ALPHA2	X	.007	2.125
17	MP BETA2	Y	-.005	5.875
18	MP BETA2	Y	-.005	2.125
19	MP BETA2	X	.009	5.875
20	MP BETA2	X	.009	2.125
21	MP GAMMA2	Y	-.004	5.875
22	MP GAMMA2	Y	-.004	2.125
23	MP GAMMA2	X	.007	5.875
24	MP GAMMA2	X	.007	2.125
25	MP ALPHA1	Y	-.002	5.042
26	MP ALPHA1	Y	-.002	2.958
27	MP ALPHA1	X	.004	5.042
28	MP ALPHA1	X	.004	2.958
29	MP BETA1	Y	-.004	5.042
30	MP BETA1	Y	-.004	2.958
31	MP BETA1	X	.006	5.042
32	MP BETA1	X	.006	2.958
33	MP GAMMA1	Y	-.002	5.042
34	MP GAMMA1	Y	-.002	2.958
35	MP GAMMA1	X	.004	5.042
36	MP GAMMA1	X	.004	2.958
37	MP ALPHA4	Y	-.005	6.917
38	MP ALPHA4	Y	-.005	1.083
39	MP ALPHA4	X	.01	6.917
40	MP ALPHA4	X	.01	1.083
41	MP BETA4	Y	-.011	6.917
42	MP BETA4	Y	-.011	1.083
43	MP BETA4	X	.018	6.917
44	MP BETA4	X	.018	1.083
45	MP GAMMA4	Y	-.005	6.917
46	MP GAMMA4	Y	-.005	1.083
47	MP GAMMA4	X	.01	6.917
48	MP GAMMA4	X	.01	1.083
49	MP ALPHA4	Y	-.002	4
50	MP ALPHA4	X	.003	4
51	MP BETA4	Y	-.002	4
52	MP BETA4	X	.004	4
53	MP GAMMA4	Y	-.002	4
54	MP GAMMA4	X	.003	4
55	MP ALPHA4	Y	-.001	4
56	MP ALPHA4	X	.002	4
57	MP BETA4	Y	-.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
58	MP BETA4	X	.004	4
59	MP GAMMA4	Y	-.001	4
60	MP GAMMA4	X	.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.007	5.875
2	MP ALPHA3	Y	-.007	2.125
3	MP ALPHA3	X	.004	5.875
4	MP ALPHA3	X	.004	2.125
5	MP BETA3	Y	-.007	5.875
6	MP BETA3	Y	-.007	2.125
7	MP BETA3	X	.004	5.875
8	MP BETA3	X	.004	2.125
9	MP GAMMA3	Y	-.005	5.875
10	MP GAMMA3	Y	-.005	2.125
11	MP GAMMA3	X	.003	5.875
12	MP GAMMA3	X	.003	2.125
13	MP ALPHA2	Y	-.008	5.875
14	MP ALPHA2	Y	-.008	2.125
15	MP ALPHA2	X	.005	5.875
16	MP ALPHA2	X	.005	2.125
17	MP BETA2	Y	-.008	5.875
18	MP BETA2	Y	-.008	2.125
19	MP BETA2	X	.005	5.875
20	MP BETA2	X	.005	2.125
21	MP GAMMA2	Y	-.006	5.875
22	MP GAMMA2	Y	-.006	2.125
23	MP GAMMA2	X	.003	5.875
24	MP GAMMA2	X	.003	2.125
25	MP ALPHA1	Y	-.005	5.042
26	MP ALPHA1	Y	-.005	2.958
27	MP ALPHA1	X	.003	5.042
28	MP ALPHA1	X	.003	2.958
29	MP BETA1	Y	-.005	5.042
30	MP BETA1	Y	-.005	2.958
31	MP BETA1	X	.003	5.042
32	MP BETA1	X	.003	2.958
33	MP GAMMA1	Y	-.003	5.042
34	MP GAMMA1	Y	-.003	2.958
35	MP GAMMA1	X	.002	5.042
36	MP GAMMA1	X	.002	2.958
37	MP ALPHA4	Y	-.015	6.917
38	MP ALPHA4	Y	-.015	1.083
39	MP ALPHA4	X	.009	6.917
40	MP ALPHA4	X	.009	1.083
41	MP BETA4	Y	-.015	6.917
42	MP BETA4	Y	-.015	1.083
43	MP BETA4	X	.009	6.917
44	MP BETA4	X	.009	1.083
45	MP GAMMA4	Y	-.007	6.917
46	MP GAMMA4	Y	-.007	1.083
47	MP GAMMA4	X	.004	6.917
48	MP GAMMA4	X	.004	1.083
49	MP ALPHA4	Y	-.003	4
50	MP ALPHA4	X	.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
51	MP BETA4	Y	-.003	4
52	MP BETA4	X	.002	4
53	MP GAMMA4	Y	-.002	4
54	MP GAMMA4	X	.001	4
55	MP ALPHA4	Y	-.004	4
56	MP ALPHA4	X	.002	4
57	MP BETA4	Y	-.004	4
58	MP BETA4	X	.002	4
59	MP GAMMA4	Y	-.002	4
60	MP GAMMA4	X	.001	4

Member Point Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Z	-.089	5.875
2	MP ALPHA3	Z	-.089	2.125
3	MP BETA3	Z	-.089	5.875
4	MP BETA3	Z	-.089	2.125
5	MP GAMMA3	Z	-.089	5.875
6	MP GAMMA3	Z	-.089	2.125
7	MP ALPHA2	Z	-.105	5.875
8	MP ALPHA2	Z	-.105	2.125
9	MP BETA2	Z	-.105	5.875
10	MP BETA2	Z	-.105	2.125
11	MP GAMMA2	Z	-.105	5.875
12	MP GAMMA2	Z	-.105	2.125
13	MP ALPHA1	Z	-.076	5.042
14	MP ALPHA1	Z	-.076	2.958
15	MP BETA1	Z	-.076	5.042
16	MP BETA1	Z	-.076	2.958
17	MP GAMMA1	Z	-.076	5.042
18	MP GAMMA1	Z	-.076	2.958
19	MP ALPHA4	Z	-.21	6.917
20	MP ALPHA4	Z	-.21	1.083
21	MP BETA4	Z	-.21	6.917
22	MP BETA4	Z	-.21	1.083
23	MP GAMMA4	Z	-.21	6.917
24	MP GAMMA4	Z	-.21	1.083
25	MP ALPHA4	Z	-.064	4
26	MP BETA4	Z	-.064	4
27	MP GAMMA4	Z	-.064	4
28	MP ALPHA4	Z	-.059	4
29	MP BETA4	Z	-.059	4
30	MP GAMMA4	Z	-.059	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.018	5.875
2	MP ALPHA3	Y	-.018	2.125
3	MP BETA3	Y	-.015	5.875
4	MP BETA3	Y	-.015	2.125
5	MP GAMMA3	Y	-.015	5.875
6	MP GAMMA3	Y	-.015	2.125
7	MP ALPHA2	Y	-.021	5.875
8	MP ALPHA2	Y	-.021	2.125
9	MP BETA2	Y	-.016	5.875
10	MP BETA2	Y	-.016	2.125

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
11	MP GAMMA2	Y	-.016	5.875
12	MP GAMMA2	Y	-.016	2.125
13	MP ALPHA1	Y	-.015	5.042
14	MP ALPHA1	Y	-.015	2.958
15	MP BETA1	Y	-.01	5.042
16	MP BETA1	Y	-.01	2.958
17	MP GAMMA1	Y	-.01	5.042
18	MP GAMMA1	Y	-.01	2.958
19	MP ALPHA4	Y	-.062	6.917
20	MP ALPHA4	Y	-.062	1.083
21	MP BETA4	Y	-.036	6.917
22	MP BETA4	Y	-.036	1.083
23	MP GAMMA4	Y	-.036	6.917
24	MP GAMMA4	Y	-.036	1.083
25	MP ALPHA4	Y	-.011	4
26	MP BETA4	Y	-.009	4
27	MP GAMMA4	Y	-.009	4
28	MP ALPHA4	Y	-.012	4
29	MP BETA4	Y	-.008	4
30	MP GAMMA4	Y	-.008	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.014	5.875
2	MP ALPHA3	Y	-.014	2.125
3	MP ALPHA3	X	-.008	5.875
4	MP ALPHA3	X	-.008	2.125
5	MP BETA3	Y	-.012	5.875
6	MP BETA3	Y	-.012	2.125
7	MP BETA3	X	-.007	5.875
8	MP BETA3	X	-.007	2.125
9	MP GAMMA3	Y	-.014	5.875
10	MP GAMMA3	Y	-.014	2.125
11	MP GAMMA3	X	-.008	5.875
12	MP GAMMA3	X	-.008	2.125
13	MP ALPHA2	Y	-.017	5.875
14	MP ALPHA2	Y	-.017	2.125
15	MP ALPHA2	X	-.01	5.875
16	MP ALPHA2	X	-.01	2.125
17	MP BETA2	Y	-.013	5.875
18	MP BETA2	Y	-.013	2.125
19	MP BETA2	X	-.007	5.875
20	MP BETA2	X	-.007	2.125
21	MP GAMMA2	Y	-.017	5.875
22	MP GAMMA2	Y	-.017	2.125
23	MP GAMMA2	X	-.01	5.875
24	MP GAMMA2	X	-.01	2.125
25	MP ALPHA1	Y	-.012	5.042
26	MP ALPHA1	Y	-.012	2.958
27	MP ALPHA1	X	-.007	5.042
28	MP ALPHA1	X	-.007	2.958
29	MP BETA1	Y	-.007	5.042
30	MP BETA1	Y	-.007	2.958
31	MP BETA1	X	-.004	5.042
32	MP BETA1	X	-.004	2.958
33	MP GAMMA1	Y	-.012	5.042

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
34	MP GAMMA1	Y	-.012	2.958
35	MP GAMMA1	X	-.007	5.042
36	MP GAMMA1	X	-.007	2.958
37	MP ALPHA4	Y	-.046	6.917
38	MP ALPHA4	Y	-.046	1.083
39	MP ALPHA4	X	-.027	6.917
40	MP ALPHA4	X	-.027	1.083
41	MP BETA4	Y	-.024	6.917
42	MP BETA4	Y	-.024	1.083
43	MP BETA4	X	-.014	6.917
44	MP BETA4	X	-.014	1.083
45	MP GAMMA4	Y	-.046	6.917
46	MP GAMMA4	Y	-.046	1.083
47	MP GAMMA4	X	-.027	6.917
48	MP GAMMA4	X	-.027	1.083
49	MP ALPHA4	Y	-.009	4
50	MP ALPHA4	X	-.005	4
51	MP BETA4	Y	-.007	4
52	MP BETA4	X	-.004	4
53	MP GAMMA4	Y	-.009	4
54	MP GAMMA4	X	-.005	4
55	MP ALPHA4	Y	-.009	4
56	MP ALPHA4	X	-.005	4
57	MP BETA4	Y	-.006	4
58	MP BETA4	X	-.003	4
59	MP GAMMA4	Y	-.009	4
60	MP GAMMA4	X	-.005	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.007	5.875
2	MP ALPHA3	Y	-.007	2.125
3	MP ALPHA3	X	-.013	5.875
4	MP ALPHA3	X	-.013	2.125
5	MP BETA3	Y	-.007	5.875
6	MP BETA3	Y	-.007	2.125
7	MP BETA3	X	-.013	5.875
8	MP BETA3	X	-.013	2.125
9	MP GAMMA3	Y	-.009	5.875
10	MP GAMMA3	Y	-.009	2.125
11	MP GAMMA3	X	-.015	5.875
12	MP GAMMA3	X	-.015	2.125
13	MP ALPHA2	Y	-.008	5.875
14	MP ALPHA2	Y	-.008	2.125
15	MP ALPHA2	X	-.014	5.875
16	MP ALPHA2	X	-.014	2.125
17	MP BETA2	Y	-.008	5.875
18	MP BETA2	Y	-.008	2.125
19	MP BETA2	X	-.014	5.875
20	MP BETA2	X	-.014	2.125
21	MP GAMMA2	Y	-.01	5.875
22	MP GAMMA2	Y	-.01	2.125
23	MP GAMMA2	X	-.018	5.875
24	MP GAMMA2	X	-.018	2.125
25	MP ALPHA1	Y	-.005	5.042
26	MP ALPHA1	Y	-.005	2.958

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
27	MP ALPHA1	X	-.008	5.042
28	MP ALPHA1	X	-.008	2.958
29	MP BETA1	Y	-.005	5.042
30	MP BETA1	Y	-.005	2.958
31	MP BETA1	X	-.008	5.042
32	MP BETA1	X	-.008	2.958
33	MP GAMMA1	Y	-.008	5.042
34	MP GAMMA1	Y	-.008	2.958
35	MP GAMMA1	X	-.013	5.042
36	MP GAMMA1	X	-.013	2.958
37	MP ALPHA4	Y	-.018	6.917
38	MP ALPHA4	Y	-.018	1.083
39	MP ALPHA4	X	-.031	6.917
40	MP ALPHA4	X	-.031	1.083
41	MP BETA4	Y	-.018	6.917
42	MP BETA4	Y	-.018	1.083
43	MP BETA4	X	-.031	6.917
44	MP BETA4	X	-.031	1.083
45	MP GAMMA4	Y	-.031	6.917
46	MP GAMMA4	Y	-.031	1.083
47	MP GAMMA4	X	-.054	6.917
48	MP GAMMA4	X	-.054	1.083
49	MP ALPHA4	Y	-.004	4
50	MP ALPHA4	X	-.007	4
51	MP BETA4	Y	-.004	4
52	MP BETA4	X	-.007	4
53	MP GAMMA4	Y	-.005	4
54	MP GAMMA4	X	-.009	4
55	MP ALPHA4	Y	-.004	4
56	MP ALPHA4	X	-.007	4
57	MP BETA4	Y	-.004	4
58	MP BETA4	X	-.007	4
59	MP GAMMA4	Y	-.006	4
60	MP GAMMA4	X	-.01	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	X	-.014	5.875
2	MP ALPHA3	X	-.014	2.125
3	MP BETA3	X	-.017	5.875
4	MP BETA3	X	-.017	2.125
5	MP GAMMA3	X	-.017	5.875
6	MP GAMMA3	X	-.017	2.125
7	MP ALPHA2	X	-.015	5.875
8	MP ALPHA2	X	-.015	2.125
9	MP BETA2	X	-.019	5.875
10	MP BETA2	X	-.019	2.125
11	MP GAMMA2	X	-.019	5.875
12	MP GAMMA2	X	-.019	2.125
13	MP ALPHA1	X	-.008	5.042
14	MP ALPHA1	X	-.008	2.958
15	MP BETA1	X	-.013	5.042
16	MP BETA1	X	-.013	2.958
17	MP GAMMA1	X	-.013	5.042
18	MP GAMMA1	X	-.013	2.958
19	MP ALPHA4	X	-.027	6.917

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
20	MP ALPHA4	X	-.027	1.083
21	MP BETA4	X	-.053	6.917
22	MP BETA4	X	-.053	1.083
23	MP GAMMA4	X	-.053	6.917
24	MP GAMMA4	X	-.053	1.083
25	MP ALPHA4	X	-.008	4
26	MP BETA4	X	-.01	4
27	MP GAMMA4	X	-.01	4
28	MP ALPHA4	X	-.006	4
29	MP BETA4	X	-.01	4
30	MP GAMMA4	X	-.01	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.007	5.875
2	MP ALPHA3	Y	.007	2.125
3	MP ALPHA3	X	-.013	5.875
4	MP ALPHA3	X	-.013	2.125
5	MP BETA3	Y	.009	5.875
6	MP BETA3	Y	.009	2.125
7	MP BETA3	X	-.015	5.875
8	MP BETA3	X	-.015	2.125
9	MP GAMMA3	Y	.007	5.875
10	MP GAMMA3	Y	.007	2.125
11	MP GAMMA3	X	-.013	5.875
12	MP GAMMA3	X	-.013	2.125
13	MP ALPHA2	Y	.008	5.875
14	MP ALPHA2	Y	.008	2.125
15	MP ALPHA2	X	-.014	5.875
16	MP ALPHA2	X	-.014	2.125
17	MP BETA2	Y	.01	5.875
18	MP BETA2	Y	.01	2.125
19	MP BETA2	X	-.018	5.875
20	MP BETA2	X	-.018	2.125
21	MP GAMMA2	Y	.008	5.875
22	MP GAMMA2	Y	.008	2.125
23	MP GAMMA2	X	-.014	5.875
24	MP GAMMA2	X	-.014	2.125
25	MP ALPHA1	Y	.005	5.042
26	MP ALPHA1	Y	.005	2.958
27	MP ALPHA1	X	-.008	5.042
28	MP ALPHA1	X	-.008	2.958
29	MP BETA1	Y	.008	5.042
30	MP BETA1	Y	.008	2.958
31	MP BETA1	X	-.013	5.042
32	MP BETA1	X	-.013	2.958
33	MP GAMMA1	Y	.005	5.042
34	MP GAMMA1	Y	.005	2.958
35	MP GAMMA1	X	-.008	5.042
36	MP GAMMA1	X	-.008	2.958
37	MP ALPHA4	Y	.018	6.917
38	MP ALPHA4	Y	.018	1.083
39	MP ALPHA4	X	-.031	6.917
40	MP ALPHA4	X	-.031	1.083
41	MP BETA4	Y	.031	6.917
42	MP BETA4	Y	.031	1.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
43	MP BETA4	X	-.054	6.917
44	MP BETA4	X	-.054	1.083
45	MP GAMMA4	Y	.018	6.917
46	MP GAMMA4	Y	.018	1.083
47	MP GAMMA4	X	-.031	6.917
48	MP GAMMA4	X	-.031	1.083
49	MP ALPHA4	Y	.004	4
50	MP ALPHA4	X	-.007	4
51	MP BETA4	Y	.005	4
52	MP BETA4	X	-.009	4
53	MP GAMMA4	Y	.004	4
54	MP GAMMA4	X	-.007	4
55	MP ALPHA4	Y	.004	4
56	MP ALPHA4	X	-.007	4
57	MP BETA4	Y	.006	4
58	MP BETA4	X	-.01	4
59	MP GAMMA4	Y	.004	4
60	MP GAMMA4	X	-.007	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.014	5.875
2	MP ALPHA3	Y	.014	2.125
3	MP ALPHA3	X	-.008	5.875
4	MP ALPHA3	X	-.008	2.125
5	MP BETA3	Y	.014	5.875
6	MP BETA3	Y	.014	2.125
7	MP BETA3	X	-.008	5.875
8	MP BETA3	X	-.008	2.125
9	MP GAMMA3	Y	.012	5.875
10	MP GAMMA3	Y	.012	2.125
11	MP GAMMA3	X	-.007	5.875
12	MP GAMMA3	X	-.007	2.125
13	MP ALPHA2	Y	.017	5.875
14	MP ALPHA2	Y	.017	2.125
15	MP ALPHA2	X	-.01	5.875
16	MP ALPHA2	X	-.01	2.125
17	MP BETA2	Y	.017	5.875
18	MP BETA2	Y	.017	2.125
19	MP BETA2	X	-.01	5.875
20	MP BETA2	X	-.01	2.125
21	MP GAMMA2	Y	.013	5.875
22	MP GAMMA2	Y	.013	2.125
23	MP GAMMA2	X	-.007	5.875
24	MP GAMMA2	X	-.007	2.125
25	MP ALPHA1	Y	.012	5.042
26	MP ALPHA1	Y	.012	2.958
27	MP ALPHA1	X	-.007	5.042
28	MP ALPHA1	X	-.007	2.958
29	MP BETA1	Y	.012	5.042
30	MP BETA1	Y	.012	2.958
31	MP BETA1	X	-.007	5.042
32	MP BETA1	X	-.007	2.958
33	MP GAMMA1	Y	.007	5.042
34	MP GAMMA1	Y	.007	2.958
35	MP GAMMA1	X	-.004	5.042

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
36	MP GAMMA1	X	-.004	2.958
37	MP ALPHA4	Y	.046	6.917
38	MP ALPHA4	Y	.046	1.083
39	MP ALPHA4	X	-.027	6.917
40	MP ALPHA4	X	-.027	1.083
41	MP BETA4	Y	.046	6.917
42	MP BETA4	Y	.046	1.083
43	MP BETA4	X	-.027	6.917
44	MP BETA4	X	-.027	1.083
45	MP GAMMA4	Y	.024	6.917
46	MP GAMMA4	Y	.024	1.083
47	MP GAMMA4	X	-.014	6.917
48	MP GAMMA4	X	-.014	1.083
49	MP ALPHA4	Y	.009	4
50	MP ALPHA4	X	-.005	4
51	MP BETA4	Y	.009	4
52	MP BETA4	X	-.005	4
53	MP GAMMA4	Y	.007	4
54	MP GAMMA4	X	-.004	4
55	MP ALPHA4	Y	.009	4
56	MP ALPHA4	X	-.005	4
57	MP BETA4	Y	.009	4
58	MP BETA4	X	-.005	4
59	MP GAMMA4	Y	.006	4
60	MP GAMMA4	X	-.003	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.018	5.875
2	MP ALPHA3	Y	.018	2.125
3	MP BETA3	Y	.015	5.875
4	MP BETA3	Y	.015	2.125
5	MP GAMMA3	Y	.015	5.875
6	MP GAMMA3	Y	.015	2.125
7	MP ALPHA2	Y	.021	5.875
8	MP ALPHA2	Y	.021	2.125
9	MP BETA2	Y	.016	5.875
10	MP BETA2	Y	.016	2.125
11	MP GAMMA2	Y	.016	5.875
12	MP GAMMA2	Y	.016	2.125
13	MP ALPHA1	Y	.015	5.042
14	MP ALPHA1	Y	.015	2.958
15	MP BETA1	Y	.01	5.042
16	MP BETA1	Y	.01	2.958
17	MP GAMMA1	Y	.01	5.042
18	MP GAMMA1	Y	.01	2.958
19	MP ALPHA4	Y	.062	6.917
20	MP ALPHA4	Y	.062	1.083
21	MP BETA4	Y	.036	6.917
22	MP BETA4	Y	.036	1.083
23	MP GAMMA4	Y	.036	6.917
24	MP GAMMA4	Y	.036	1.083
25	MP ALPHA4	Y	.011	4
26	MP BETA4	Y	.009	4
27	MP GAMMA4	Y	.009	4
28	MP ALPHA4	Y	.012	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
29	MP BETA4	Y	.008	4
30	MP GAMMA4	Y	.008	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.014	5.875
2	MP ALPHA3	Y	.014	2.125
3	MP ALPHA3	X	.008	5.875
4	MP ALPHA3	X	.008	2.125
5	MP BETA3	Y	.012	5.875
6	MP BETA3	Y	.012	2.125
7	MP BETA3	X	.007	5.875
8	MP BETA3	X	.007	2.125
9	MP GAMMA3	Y	.014	5.875
10	MP GAMMA3	Y	.014	2.125
11	MP GAMMA3	X	.008	5.875
12	MP GAMMA3	X	.008	2.125
13	MP ALPHA2	Y	.017	5.875
14	MP ALPHA2	Y	.017	2.125
15	MP ALPHA2	X	.01	5.875
16	MP ALPHA2	X	.01	2.125
17	MP BETA2	Y	.013	5.875
18	MP BETA2	Y	.013	2.125
19	MP BETA2	X	.007	5.875
20	MP BETA2	X	.007	2.125
21	MP GAMMA2	Y	.017	5.875
22	MP GAMMA2	Y	.017	2.125
23	MP GAMMA2	X	.01	5.875
24	MP GAMMA2	X	.01	2.125
25	MP ALPHA1	Y	.012	5.042
26	MP ALPHA1	Y	.012	2.958
27	MP ALPHA1	X	.007	5.042
28	MP ALPHA1	X	.007	2.958
29	MP BETA1	Y	.007	5.042
30	MP BETA1	Y	.007	2.958
31	MP BETA1	X	.004	5.042
32	MP BETA1	X	.004	2.958
33	MP GAMMA1	Y	.012	5.042
34	MP GAMMA1	Y	.012	2.958
35	MP GAMMA1	X	.007	5.042
36	MP GAMMA1	X	.007	2.958
37	MP ALPHA4	Y	.046	6.917
38	MP ALPHA4	Y	.046	1.083
39	MP ALPHA4	X	.027	6.917
40	MP ALPHA4	X	.027	1.083
41	MP BETA4	Y	.024	6.917
42	MP BETA4	Y	.024	1.083
43	MP BETA4	X	.014	6.917
44	MP BETA4	X	.014	1.083
45	MP GAMMA4	Y	.046	6.917
46	MP GAMMA4	Y	.046	1.083
47	MP GAMMA4	X	.027	6.917
48	MP GAMMA4	X	.027	1.083
49	MP ALPHA4	Y	.009	4
50	MP ALPHA4	X	.005	4
51	MP BETA4	Y	.007	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
52	MP BETA4	X	.004	4
53	MP GAMMA4	Y	.009	4
54	MP GAMMA4	X	.005	4
55	MP ALPHA4	Y	.009	4
56	MP ALPHA4	X	.005	4
57	MP BETA4	Y	.006	4
58	MP BETA4	X	.003	4
59	MP GAMMA4	Y	.009	4
60	MP GAMMA4	X	.005	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	.007	5.875
2	MP ALPHA3	Y	.007	2.125
3	MP ALPHA3	X	.013	5.875
4	MP ALPHA3	X	.013	2.125
5	MP BETA3	Y	.007	5.875
6	MP BETA3	Y	.007	2.125
7	MP BETA3	X	.013	5.875
8	MP BETA3	X	.013	2.125
9	MP GAMMA3	Y	.009	5.875
10	MP GAMMA3	Y	.009	2.125
11	MP GAMMA3	X	.015	5.875
12	MP GAMMA3	X	.015	2.125
13	MP ALPHA2	Y	.008	5.875
14	MP ALPHA2	Y	.008	2.125
15	MP ALPHA2	X	.014	5.875
16	MP ALPHA2	X	.014	2.125
17	MP BETA2	Y	.008	5.875
18	MP BETA2	Y	.008	2.125
19	MP BETA2	X	.014	5.875
20	MP BETA2	X	.014	2.125
21	MP GAMMA2	Y	.01	5.875
22	MP GAMMA2	Y	.01	2.125
23	MP GAMMA2	X	.018	5.875
24	MP GAMMA2	X	.018	2.125
25	MP ALPHA1	Y	.005	5.042
26	MP ALPHA1	Y	.005	2.958
27	MP ALPHA1	X	.008	5.042
28	MP ALPHA1	X	.008	2.958
29	MP BETA1	Y	.005	5.042
30	MP BETA1	Y	.005	2.958
31	MP BETA1	X	.008	5.042
32	MP BETA1	X	.008	2.958
33	MP GAMMA1	Y	.008	5.042
34	MP GAMMA1	Y	.008	2.958
35	MP GAMMA1	X	.013	5.042
36	MP GAMMA1	X	.013	2.958
37	MP ALPHA4	Y	.018	6.917
38	MP ALPHA4	Y	.018	1.083
39	MP ALPHA4	X	.031	6.917
40	MP ALPHA4	X	.031	1.083
41	MP BETA4	Y	.018	6.917
42	MP BETA4	Y	.018	1.083
43	MP BETA4	X	.031	6.917
44	MP BETA4	X	.031	1.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
45	MP GAMMA4	Y	.031	6.917
46	MP GAMMA4	Y	.031	1.083
47	MP GAMMA4	X	.054	6.917
48	MP GAMMA4	X	.054	1.083
49	MP ALPHA4	Y	.004	4
50	MP ALPHA4	X	.007	4
51	MP BETA4	Y	.004	4
52	MP BETA4	X	.007	4
53	MP GAMMA4	Y	.005	4
54	MP GAMMA4	X	.009	4
55	MP ALPHA4	Y	.004	4
56	MP ALPHA4	X	.007	4
57	MP BETA4	Y	.004	4
58	MP BETA4	X	.007	4
59	MP GAMMA4	Y	.006	4
60	MP GAMMA4	X	.01	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	X	.014	5.875
2	MP ALPHA3	X	.014	2.125
3	MP BETA3	X	.017	5.875
4	MP BETA3	X	.017	2.125
5	MP GAMMA3	X	.017	5.875
6	MP GAMMA3	X	.017	2.125
7	MP ALPHA2	X	.015	5.875
8	MP ALPHA2	X	.015	2.125
9	MP BETA2	X	.019	5.875
10	MP BETA2	X	.019	2.125
11	MP GAMMA2	X	.019	5.875
12	MP GAMMA2	X	.019	2.125
13	MP ALPHA1	X	.008	5.042
14	MP ALPHA1	X	.008	2.958
15	MP BETA1	X	.013	5.042
16	MP BETA1	X	.013	2.958
17	MP GAMMA1	X	.013	5.042
18	MP GAMMA1	X	.013	2.958
19	MP ALPHA4	X	.027	6.917
20	MP ALPHA4	X	.027	1.083
21	MP BETA4	X	.053	6.917
22	MP BETA4	X	.053	1.083
23	MP GAMMA4	X	.053	6.917
24	MP GAMMA4	X	.053	1.083
25	MP ALPHA4	X	.008	4
26	MP BETA4	X	.01	4
27	MP GAMMA4	X	.01	4
28	MP ALPHA4	X	.006	4
29	MP BETA4	X	.01	4
30	MP GAMMA4	X	.01	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.007	5.875
2	MP ALPHA3	Y	-.007	2.125
3	MP ALPHA3	X	.013	5.875
4	MP ALPHA3	X	.013	2.125

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
5	MP BETA3	Y	-.009	5.875
6	MP BETA3	Y	-.009	2.125
7	MP BETA3	X	.015	5.875
8	MP BETA3	X	.015	2.125
9	MP GAMMA3	Y	-.007	5.875
10	MP GAMMA3	Y	-.007	2.125
11	MP GAMMA3	X	.013	5.875
12	MP GAMMA3	X	.013	2.125
13	MP ALPHA2	Y	-.008	5.875
14	MP ALPHA2	Y	-.008	2.125
15	MP ALPHA2	X	.014	5.875
16	MP ALPHA2	X	.014	2.125
17	MP BETA2	Y	-.01	5.875
18	MP BETA2	Y	-.01	2.125
19	MP BETA2	X	.018	5.875
20	MP BETA2	X	.018	2.125
21	MP GAMMA2	Y	-.008	5.875
22	MP GAMMA2	Y	-.008	2.125
23	MP GAMMA2	X	.014	5.875
24	MP GAMMA2	X	.014	2.125
25	MP ALPHA1	Y	-.005	5.042
26	MP ALPHA1	Y	-.005	2.958
27	MP ALPHA1	X	.008	5.042
28	MP ALPHA1	X	.008	2.958
29	MP BETA1	Y	-.008	5.042
30	MP BETA1	Y	-.008	2.958
31	MP BETA1	X	.013	5.042
32	MP BETA1	X	.013	2.958
33	MP GAMMA1	Y	-.005	5.042
34	MP GAMMA1	Y	-.005	2.958
35	MP GAMMA1	X	.008	5.042
36	MP GAMMA1	X	.008	2.958
37	MP ALPHA4	Y	-.018	6.917
38	MP ALPHA4	Y	-.018	1.083
39	MP ALPHA4	X	.031	6.917
40	MP ALPHA4	X	.031	1.083
41	MP BETA4	Y	-.031	6.917
42	MP BETA4	Y	-.031	1.083
43	MP BETA4	X	.054	6.917
44	MP BETA4	X	.054	1.083
45	MP GAMMA4	Y	-.018	6.917
46	MP GAMMA4	Y	-.018	1.083
47	MP GAMMA4	X	.031	6.917
48	MP GAMMA4	X	.031	1.083
49	MP ALPHA4	Y	-.004	4
50	MP ALPHA4	X	.007	4
51	MP BETA4	Y	-.005	4
52	MP BETA4	X	.009	4
53	MP GAMMA4	Y	-.004	4
54	MP GAMMA4	X	.007	4
55	MP ALPHA4	Y	-.004	4
56	MP ALPHA4	X	.007	4
57	MP BETA4	Y	-.006	4
58	MP BETA4	X	.01	4
59	MP GAMMA4	Y	-.004	4
60	MP GAMMA4	X	.007	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.014	5.875
2	MP ALPHA3	Y	-.014	2.125
3	MP ALPHA3	X	.008	5.875
4	MP ALPHA3	X	.008	2.125
5	MP BETA3	Y	-.014	5.875
6	MP BETA3	Y	-.014	2.125
7	MP BETA3	X	.008	5.875
8	MP BETA3	X	.008	2.125
9	MP GAMMA3	Y	-.012	5.875
10	MP GAMMA3	Y	-.012	2.125
11	MP GAMMA3	X	.007	5.875
12	MP GAMMA3	X	.007	2.125
13	MP ALPHA2	Y	-.017	5.875
14	MP ALPHA2	Y	-.017	2.125
15	MP ALPHA2	X	.01	5.875
16	MP ALPHA2	X	.01	2.125
17	MP BETA2	Y	-.017	5.875
18	MP BETA2	Y	-.017	2.125
19	MP BETA2	X	.01	5.875
20	MP BETA2	X	.01	2.125
21	MP GAMMA2	Y	-.013	5.875
22	MP GAMMA2	Y	-.013	2.125
23	MP GAMMA2	X	.007	5.875
24	MP GAMMA2	X	.007	2.125
25	MP ALPHA1	Y	-.012	5.042
26	MP ALPHA1	Y	-.012	2.958
27	MP ALPHA1	X	.007	5.042
28	MP ALPHA1	X	.007	2.958
29	MP BETA1	Y	-.012	5.042
30	MP BETA1	Y	-.012	2.958
31	MP BETA1	X	.007	5.042
32	MP BETA1	X	.007	2.958
33	MP GAMMA1	Y	-.007	5.042
34	MP GAMMA1	Y	-.007	2.958
35	MP GAMMA1	X	.004	5.042
36	MP GAMMA1	X	.004	2.958
37	MP ALPHA4	Y	-.046	6.917
38	MP ALPHA4	Y	-.046	1.083
39	MP ALPHA4	X	.027	6.917
40	MP ALPHA4	X	.027	1.083
41	MP BETA4	Y	-.046	6.917
42	MP BETA4	Y	-.046	1.083
43	MP BETA4	X	.027	6.917
44	MP BETA4	X	.027	1.083
45	MP GAMMA4	Y	-.024	6.917
46	MP GAMMA4	Y	-.024	1.083
47	MP GAMMA4	X	.014	6.917
48	MP GAMMA4	X	.014	1.083
49	MP ALPHA4	Y	-.009	4
50	MP ALPHA4	X	.005	4
51	MP BETA4	Y	-.009	4
52	MP BETA4	X	.005	4
53	MP GAMMA4	Y	-.007	4
54	MP GAMMA4	X	.004	4
55	MP ALPHA4	Y	-.009	4
56	MP ALPHA4	X	.005	4
57	MP BETA4	Y	-.009	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
58	MP BETA4	X	.005	4
59	MP GAMMA4	Y	-.006	4
60	MP GAMMA4	X	.003	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	X	-.006	5.875
2	MP ALPHA3	X	-.006	2.125
3	MP BETA3	X	-.006	5.875
4	MP BETA3	X	-.006	2.125
5	MP GAMMA3	X	-.006	5.875
6	MP GAMMA3	X	-.006	2.125
7	MP ALPHA2	X	-.009	5.875
8	MP ALPHA2	X	-.009	2.125
9	MP BETA2	X	-.009	5.875
10	MP BETA2	X	-.009	2.125
11	MP GAMMA2	X	-.009	5.875
12	MP GAMMA2	X	-.009	2.125
13	MP ALPHA1	X	-.005	5.042
14	MP ALPHA1	X	-.005	2.958
15	MP BETA1	X	-.005	5.042
16	MP BETA1	X	-.005	2.958
17	MP GAMMA1	X	-.005	5.042
18	MP GAMMA1	X	-.005	2.958
19	MP ALPHA4	X	-.005	6.917
20	MP ALPHA4	X	-.005	1.083
21	MP BETA4	X	-.005	6.917
22	MP BETA4	X	-.005	1.083
23	MP GAMMA4	X	-.005	6.917
24	MP GAMMA4	X	-.005	1.083
25	MP ALPHA4	X	-.007	4
26	MP BETA4	X	-.007	4
27	MP GAMMA4	X	-.007	4
28	MP ALPHA4	X	-.004	4
29	MP BETA4	X	-.004	4
30	MP GAMMA4	X	-.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Y	-.006	5.875
2	MP ALPHA3	Y	-.006	2.125
3	MP BETA3	Y	-.006	5.875
4	MP BETA3	Y	-.006	2.125
5	MP GAMMA3	Y	-.006	5.875
6	MP GAMMA3	Y	-.006	2.125
7	MP ALPHA2	Y	-.009	5.875
8	MP ALPHA2	Y	-.009	2.125
9	MP BETA2	Y	-.009	5.875
10	MP BETA2	Y	-.009	2.125
11	MP GAMMA2	Y	-.009	5.875
12	MP GAMMA2	Y	-.009	2.125
13	MP ALPHA1	Y	-.005	5.042
14	MP ALPHA1	Y	-.005	2.958
15	MP BETA1	Y	-.005	5.042
16	MP BETA1	Y	-.005	2.958
17	MP GAMMA1	Y	-.005	5.042

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
18	MP GAMMA1	Y	-.005	2.958
19	MP ALPHA4	Y	-.005	6.917
20	MP ALPHA4	Y	-.005	1.083
21	MP BETA4	Y	-.005	6.917
22	MP BETA4	Y	-.005	1.083
23	MP GAMMA4	Y	-.005	6.917
24	MP GAMMA4	Y	-.005	1.083
25	MP ALPHA4	Y	-.007	4
26	MP BETA4	Y	-.007	4
27	MP GAMMA4	Y	-.007	4
28	MP ALPHA4	Y	-.004	4
29	MP BETA4	Y	-.004	4
30	MP GAMMA4	Y	-.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA3	Z	-.003	5.875
2	MP ALPHA3	Z	-.003	2.125
3	MP BETA3	Z	-.003	5.875
4	MP BETA3	Z	-.003	2.125
5	MP GAMMA3	Z	-.003	5.875
6	MP GAMMA3	Z	-.003	2.125
7	MP ALPHA2	Z	-.003	5.875
8	MP ALPHA2	Z	-.003	2.125
9	MP BETA2	Z	-.003	5.875
10	MP BETA2	Z	-.003	2.125
11	MP GAMMA2	Z	-.003	5.875
12	MP GAMMA2	Z	-.003	2.125
13	MP ALPHA1	Z	-.002	5.042
14	MP ALPHA1	Z	-.002	2.958
15	MP BETA1	Z	-.002	5.042
16	MP BETA1	Z	-.002	2.958
17	MP GAMMA1	Z	-.002	5.042
18	MP GAMMA1	Z	-.002	2.958
19	MP ALPHA4	Z	-.002	6.917
20	MP ALPHA4	Z	-.002	1.083
21	MP BETA4	Z	-.002	6.917
22	MP BETA4	Z	-.002	1.083
23	MP GAMMA4	Z	-.002	6.917
24	MP GAMMA4	Z	-.002	1.083
25	MP ALPHA4	Z	-.003	4
26	MP BETA4	Z	-.003	4
27	MP GAMMA4	Z	-.003	4
28	MP ALPHA4	Z	-.002	4
29	MP BETA4	Z	-.002	4
30	MP GAMMA4	Z	-.002	4

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.009	-.009	0	0
2	ANGLE2	PY	-.009	-.009	0	0
3	ANGLE3	PY	-.009	-.009	0	0
4	CORNER1	PY	-.022	-.022	0	0
5	CORNER2	PY	-.022	-.022	0	0
6	CORNER3	PY	-.022	-.022	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
7	FACE3,3	PY	-.009	-.009	0	0
8	FACE3,2	PY	-.009	-.009	0	0
9	FACE3,1	PY	-.009	-.009	0	0
10	FACE2,3	PY	-.009	-.009	0	0
11	FACE2,2	PY	-.009	-.009	0	0
12	FACE2,1	PY	-.009	-.009	0	0
13	FACE1,3	PY	-.004	-.004	0	0
14	FACE1,2	PY	-.004	-.004	0	0
15	FACE1,1	PY	-.004	-.004	0	0
16	GRATING SUPPORT1	PY	-.009	-.009	0	0
17	GRATING SUPPORT2	PY	-.009	-.009	0	0
18	GRATING SUPPORT3	PY	-.009	-.009	0	0
19	GRATING SUPPORT4	PY	-.009	-.009	0	0
20	GRATING SUPPORT5	PY	-.009	-.009	0	0
21	GRATING SUPPORT6	PY	-.009	-.009	0	0
22	KICKER1	PY	-.019	-.019	0	0
23	KICKER2	PY	-.019	-.019	0	0
24	KICKER3	PY	-.019	-.019	0	0
25	MP ALPHA1	PY	-.011	-.011	0	0
26	MP ALPHA2	PY	-.011	-.011	0	0
27	MP ALPHA3	PY	-.011	-.011	0	0
28	MP ALPHA4	PY	-.011	-.011	0	0
29	MP BETA1	PY	-.011	-.011	0	0
30	MP BETA2	PY	-.011	-.011	0	0
31	MP BETA3	PY	-.011	-.011	0	0
32	MP BETA4	PY	-.011	-.011	0	0
33	MP GAMMA1	PY	-.011	-.011	0	0
34	MP GAMMA2	PY	-.011	-.011	0	0
35	MP GAMMA3	PY	-.011	-.011	0	0
36	MP GAMMA4	PY	-.011	-.011	0	0
37	RAIL3	PY	-.006	-.006	0	0
38	RAIL2	PY	-.006	-.006	0	0
39	RAIL1	PY	-.003	-.003	0	0
40	SO SUPPORT1	PY	-.009	-.009	0	0
41	SO SUPPORT2	PY	-.009	-.009	0	0
42	SO SUPPORT3	PY	-.009	-.009	0	0
43	SO SUPPORT4	PY	-.009	-.009	0	0
44	SO SUPPORT5	PY	-.009	-.009	0	0
45	SO SUPPORT6	PY	-.009	-.009	0	0
46	STANDOFF1,1	PY	-.007	-.007	0	0
47	STANDOFF1,2	PY	-.007	-.007	0	0
48	STANDOFF2,1	PY	-.007	-.007	0	0
49	STANDOFF2,2	PY	-.007	-.007	0	0
50	STANDOFF3,1	PY	-.007	-.007	0	0
51	STANDOFF3,2	PY	-.007	-.007	0	0
52	SUPPORT1	PY	-.009	-.009	0	0
53	SUPPORT2	PY	-.009	-.009	0	0
54	SUPPORT3	PY	-.009	-.009	0	0
55	SUPPORT4	PY	-.009	-.009	0	0
56	SUPPORT5	PY	-.009	-.009	0	0
57	SUPPORT6	PY	-.009	-.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.008	-.008	0	0
2	ANGLE2	PY	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
3	ANGLE3	PY	-.008	-.008	0	0
4	CORNER1	PY	-.019	-.019	0	0
5	CORNER2	PY	-.019	-.019	0	0
6	CORNER3	PY	-.019	-.019	0	0
7	FACE3,3	PY	-.008	-.008	0	0
8	FACE3,2	PY	-.008	-.008	0	0
9	FACE3,1	PY	-.008	-.008	0	0
10	FACE2,3	PY	-.008	-.008	0	0
11	FACE2,2	PY	-.008	-.008	0	0
12	FACE2,1	PY	-.008	-.008	0	0
13	FACE1,3	PY	-.004	-.004	0	0
14	FACE1,2	PY	-.004	-.004	0	0
15	FACE1,1	PY	-.004	-.004	0	0
16	GRATING SUPPORT1	PY	-.008	-.008	0	0
17	GRATING SUPPORT2	PY	-.008	-.008	0	0
18	GRATING SUPPORT3	PY	-.008	-.008	0	0
19	GRATING SUPPORT4	PY	-.008	-.008	0	0
20	GRATING SUPPORT5	PY	-.008	-.008	0	0
21	GRATING SUPPORT6	PY	-.008	-.008	0	0
22	KICKER1	PY	-.016	-.016	0	0
23	KICKER2	PY	-.016	-.016	0	0
24	KICKER3	PY	-.016	-.016	0	0
25	MP ALPHA1	PY	-.009	-.009	0	0
26	MP ALPHA2	PY	-.009	-.009	0	0
27	MP ALPHA3	PY	-.009	-.009	0	0
28	MP ALPHA4	PY	-.009	-.009	0	0
29	MP BETA1	PY	-.009	-.009	0	0
30	MP BETA2	PY	-.009	-.009	0	0
31	MP BETA3	PY	-.009	-.009	0	0
32	MP BETA4	PY	-.009	-.009	0	0
33	MP GAMMA1	PY	-.009	-.009	0	0
34	MP GAMMA2	PY	-.009	-.009	0	0
35	MP GAMMA3	PY	-.009	-.009	0	0
36	MP GAMMA4	PY	-.009	-.009	0	0
37	RAIL3	PY	-.005	-.005	0	0
38	RAIL2	PY	-.005	-.005	0	0
39	RAIL1	PY	-.003	-.003	0	0
40	SO SUPPORT1	PY	-.008	-.008	0	0
41	SO SUPPORT2	PY	-.008	-.008	0	0
42	SO SUPPORT3	PY	-.008	-.008	0	0
43	SO SUPPORT4	PY	-.008	-.008	0	0
44	SO SUPPORT5	PY	-.008	-.008	0	0
45	SO SUPPORT6	PY	-.008	-.008	0	0
46	STANDOFF1,1	PY	-.006	-.006	0	0
47	STANDOFF1,2	PY	-.006	-.006	0	0
48	STANDOFF2,1	PY	-.006	-.006	0	0
49	STANDOFF2,2	PY	-.006	-.006	0	0
50	STANDOFF3,1	PY	-.006	-.006	0	0
51	STANDOFF3,2	PY	-.006	-.006	0	0
52	SUPPORT1	PY	-.008	-.008	0	0
53	SUPPORT2	PY	-.008	-.008	0	0
54	SUPPORT3	PY	-.008	-.008	0	0
55	SUPPORT4	PY	-.008	-.008	0	0
56	SUPPORT5	PY	-.008	-.008	0	0
57	SUPPORT6	PY	-.008	-.008	0	0
58	ANGLE1	PX	-.005	-.005	0	0
59	ANGLE2	PX	-.005	-.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
60	ANGLE3	PX	-.005	-.005	0	0
61	CORNER1	PX	-.011	-.011	0	0
62	CORNER2	PX	-.011	-.011	0	0
63	CORNER3	PX	-.011	-.011	0	0
64	FACE3,3	PX	-.004	-.004	0	0
65	FACE3,2	PX	-.004	-.004	0	0
66	FACE3,1	PX	-.004	-.004	0	0
67	FACE2,3	PX	-.004	-.004	0	0
68	FACE2,2	PX	-.004	-.004	0	0
69	FACE2,1	PX	-.004	-.004	0	0
70	FACE1,3	PX	-.002	-.002	0	0
71	FACE1,2	PX	-.002	-.002	0	0
72	FACE1,1	PX	-.002	-.002	0	0
73	GRATING SUPPORT1	PX	-.005	-.005	0	0
74	GRATING SUPPORT2	PX	-.005	-.005	0	0
75	GRATING SUPPORT3	PX	-.005	-.005	0	0
76	GRATING SUPPORT4	PX	-.005	-.005	0	0
77	GRATING SUPPORT5	PX	-.005	-.005	0	0
78	GRATING SUPPORT6	PX	-.005	-.005	0	0
79	KICKER1	PX	-.009	-.009	0	0
80	KICKER2	PX	-.009	-.009	0	0
81	KICKER3	PX	-.009	-.009	0	0
82	MP ALPHA1	PX	-.005	-.005	0	0
83	MP ALPHA2	PX	-.005	-.005	0	0
84	MP ALPHA3	PX	-.005	-.005	0	0
85	MP ALPHA4	PX	-.005	-.005	0	0
86	MP BETA1	PX	-.005	-.005	0	0
87	MP BETA2	PX	-.005	-.005	0	0
88	MP BETA3	PX	-.005	-.005	0	0
89	MP BETA4	PX	-.005	-.005	0	0
90	MP GAMMA1	PX	-.005	-.005	0	0
91	MP GAMMA2	PX	-.005	-.005	0	0
92	MP GAMMA3	PX	-.005	-.005	0	0
93	MP GAMMA4	PX	-.005	-.005	0	0
94	RAIL3	PX	-.003	-.003	0	0
95	RAIL2	PX	-.003	-.003	0	0
96	RAIL1	PX	-.002	-.002	0	0
97	SO SUPPORT1	PX	-.005	-.005	0	0
98	SO SUPPORT2	PX	-.005	-.005	0	0
99	SO SUPPORT3	PX	-.005	-.005	0	0
100	SO SUPPORT4	PX	-.005	-.005	0	0
101	SO SUPPORT5	PX	-.005	-.005	0	0
102	SO SUPPORT6	PX	-.005	-.005	0	0
103	STANDOFF1,1	PX	-.003	-.003	0	0
104	STANDOFF1,2	PX	-.003	-.003	0	0
105	STANDOFF2,1	PX	-.003	-.003	0	0
106	STANDOFF2,2	PX	-.003	-.003	0	0
107	STANDOFF3,1	PX	-.003	-.003	0	0
108	STANDOFF3,2	PX	-.003	-.003	0	0
109	SUPPORT1	PX	-.005	-.005	0	0
110	SUPPORT2	PX	-.005	-.005	0	0
111	SUPPORT3	PX	-.005	-.005	0	0
112	SUPPORT4	PX	-.005	-.005	0	0
113	SUPPORT5	PX	-.005	-.005	0	0
114	SUPPORT6	PX	-.005	-.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.005	-.005	0	0
2	ANGLE2	PY	-.005	-.005	0	0
3	ANGLE3	PY	-.005	-.005	0	0
4	CORNER1	PY	-.011	-.011	0	0
5	CORNER2	PY	-.011	-.011	0	0
6	CORNER3	PY	-.011	-.011	0	0
7	FACE3,3	PY	-.004	-.004	0	0
8	FACE3,2	PY	-.004	-.004	0	0
9	FACE3,1	PY	-.004	-.004	0	0
10	FACE2,3	PY	-.004	-.004	0	0
11	FACE2,2	PY	-.004	-.004	0	0
12	FACE2,1	PY	-.004	-.004	0	0
13	FACE1,3	PY	-.002	-.002	0	0
14	FACE1,2	PY	-.002	-.002	0	0
15	FACE1,1	PY	-.002	-.002	0	0
16	GRATING SUPPORT1	PY	-.005	-.005	0	0
17	GRATING SUPPORT2	PY	-.005	-.005	0	0
18	GRATING SUPPORT3	PY	-.005	-.005	0	0
19	GRATING SUPPORT4	PY	-.005	-.005	0	0
20	GRATING SUPPORT5	PY	-.005	-.005	0	0
21	GRATING SUPPORT6	PY	-.005	-.005	0	0
22	KICKER1	PY	-.009	-.009	0	0
23	KICKER2	PY	-.009	-.009	0	0
24	KICKER3	PY	-.009	-.009	0	0
25	MP ALPHA1	PY	-.005	-.005	0	0
26	MP ALPHA2	PY	-.005	-.005	0	0
27	MP ALPHA3	PY	-.005	-.005	0	0
28	MP ALPHA4	PY	-.005	-.005	0	0
29	MP BETA1	PY	-.005	-.005	0	0
30	MP BETA2	PY	-.005	-.005	0	0
31	MP BETA3	PY	-.005	-.005	0	0
32	MP BETA4	PY	-.005	-.005	0	0
33	MP GAMMA1	PY	-.005	-.005	0	0
34	MP GAMMA2	PY	-.005	-.005	0	0
35	MP GAMMA3	PY	-.005	-.005	0	0
36	MP GAMMA4	PY	-.005	-.005	0	0
37	RAIL3	PY	-.003	-.003	0	0
38	RAIL2	PY	-.003	-.003	0	0
39	RAIL1	PY	-.002	-.002	0	0
40	SO SUPPORT1	PY	-.005	-.005	0	0
41	SO SUPPORT2	PY	-.005	-.005	0	0
42	SO SUPPORT3	PY	-.005	-.005	0	0
43	SO SUPPORT4	PY	-.005	-.005	0	0
44	SO SUPPORT5	PY	-.005	-.005	0	0
45	SO SUPPORT6	PY	-.005	-.005	0	0
46	STANDOFF1,1	PY	-.003	-.003	0	0
47	STANDOFF1,2	PY	-.003	-.003	0	0
48	STANDOFF2,1	PY	-.003	-.003	0	0
49	STANDOFF2,2	PY	-.003	-.003	0	0
50	STANDOFF3,1	PY	-.003	-.003	0	0
51	STANDOFF3,2	PY	-.003	-.003	0	0
52	SUPPORT1	PY	-.005	-.005	0	0
53	SUPPORT2	PY	-.005	-.005	0	0
54	SUPPORT3	PY	-.005	-.005	0	0
55	SUPPORT4	PY	-.005	-.005	0	0
56	SUPPORT5	PY	-.005	-.005	0	0
57	SUPPORT6	PY	-.005	-.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	-.008	-.008	0	0
59	ANGLE2	PX	-.008	-.008	0	0
60	ANGLE3	PX	-.008	-.008	0	0
61	CORNER1	PX	-.019	-.019	0	0
62	CORNER2	PX	-.019	-.019	0	0
63	CORNER3	PX	-.019	-.019	0	0
64	FACE3,3	PX	-.008	-.008	0	0
65	FACE3,2	PX	-.008	-.008	0	0
66	FACE3,1	PX	-.008	-.008	0	0
67	FACE2,3	PX	-.008	-.008	0	0
68	FACE2,2	PX	-.008	-.008	0	0
69	FACE2,1	PX	-.008	-.008	0	0
70	FACE1,3	PX	-.004	-.004	0	0
71	FACE1,2	PX	-.004	-.004	0	0
72	FACE1,1	PX	-.004	-.004	0	0
73	GRATING SUPPORT1	PX	-.008	-.008	0	0
74	GRATING SUPPORT2	PX	-.008	-.008	0	0
75	GRATING SUPPORT3	PX	-.008	-.008	0	0
76	GRATING SUPPORT4	PX	-.008	-.008	0	0
77	GRATING SUPPORT5	PX	-.008	-.008	0	0
78	GRATING SUPPORT6	PX	-.008	-.008	0	0
79	KICKER1	PX	-.016	-.016	0	0
80	KICKER2	PX	-.016	-.016	0	0
81	KICKER3	PX	-.016	-.016	0	0
82	MP ALPHA1	PX	-.009	-.009	0	0
83	MP ALPHA2	PX	-.009	-.009	0	0
84	MP ALPHA3	PX	-.009	-.009	0	0
85	MP ALPHA4	PX	-.009	-.009	0	0
86	MP BETA1	PX	-.009	-.009	0	0
87	MP BETA2	PX	-.009	-.009	0	0
88	MP BETA3	PX	-.009	-.009	0	0
89	MP BETA4	PX	-.009	-.009	0	0
90	MP GAMMA1	PX	-.009	-.009	0	0
91	MP GAMMA2	PX	-.009	-.009	0	0
92	MP GAMMA3	PX	-.009	-.009	0	0
93	MP GAMMA4	PX	-.009	-.009	0	0
94	RAIL3	PX	-.005	-.005	0	0
95	RAIL2	PX	-.005	-.005	0	0
96	RAIL1	PX	-.003	-.003	0	0
97	SO SUPPORT1	PX	-.008	-.008	0	0
98	SO SUPPORT2	PX	-.008	-.008	0	0
99	SO SUPPORT3	PX	-.008	-.008	0	0
100	SO SUPPORT4	PX	-.008	-.008	0	0
101	SO SUPPORT5	PX	-.008	-.008	0	0
102	SO SUPPORT6	PX	-.008	-.008	0	0
103	STANDOFF1,1	PX	-.006	-.006	0	0
104	STANDOFF1,2	PX	-.006	-.006	0	0
105	STANDOFF2,1	PX	-.006	-.006	0	0
106	STANDOFF2,2	PX	-.006	-.006	0	0
107	STANDOFF3,1	PX	-.006	-.006	0	0
108	STANDOFF3,2	PX	-.006	-.006	0	0
109	SUPPORT1	PX	-.008	-.008	0	0
110	SUPPORT2	PX	-.008	-.008	0	0
111	SUPPORT3	PX	-.008	-.008	0	0
112	SUPPORT4	PX	-.008	-.008	0	0
113	SUPPORT5	PX	-.008	-.008	0	0
114	SUPPORT6	PX	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PX	-.009	-.009	0	0
2	ANGLE2	PX	-.009	-.009	0	0
3	ANGLE3	PX	-.009	-.009	0	0
4	CORNER1	PX	-.022	-.022	0	0
5	CORNER2	PX	-.022	-.022	0	0
6	CORNER3	PX	-.022	-.022	0	0
7	FACE1,1	PX	-.009	-.009	0	0
8	FACE1,2	PX	-.009	-.009	0	0
9	FACE1,3	PX	-.009	-.009	0	0
10	FACE3,3	PX	-.009	-.009	0	0
11	FACE3,2	PX	-.009	-.009	0	0
12	FACE3,1	PX	-.009	-.009	0	0
13	FACE2,3	PX	-.004	-.004	0	0
14	FACE2,2	PX	-.004	-.004	0	0
15	FACE2,1	PX	-.004	-.004	0	0
16	GRATING SUPPORT1	PX	-.009	-.009	0	0
17	GRATING SUPPORT2	PX	-.009	-.009	0	0
18	GRATING SUPPORT3	PX	-.009	-.009	0	0
19	GRATING SUPPORT4	PX	-.009	-.009	0	0
20	GRATING SUPPORT5	PX	-.009	-.009	0	0
21	GRATING SUPPORT6	PX	-.009	-.009	0	0
22	KICKER1	PX	-.019	-.019	0	0
23	KICKER2	PX	-.019	-.019	0	0
24	KICKER3	PX	-.019	-.019	0	0
25	MP ALPHA1	PX	-.011	-.011	0	0
26	MP ALPHA2	PX	-.011	-.011	0	0
27	MP ALPHA3	PX	-.011	-.011	0	0
28	MP ALPHA4	PX	-.011	-.011	0	0
29	MP BETA1	PX	-.011	-.011	0	0
30	MP BETA2	PX	-.011	-.011	0	0
31	MP BETA3	PX	-.011	-.011	0	0
32	MP BETA4	PX	-.011	-.011	0	0
33	MP GAMMA1	PX	-.011	-.011	0	0
34	MP GAMMA2	PX	-.011	-.011	0	0
35	MP GAMMA3	PX	-.011	-.011	0	0
36	MP GAMMA4	PX	-.011	-.011	0	0
37	RAIL1	PX	-.006	-.006	0	0
38	RAIL3	PX	-.006	-.006	0	0
39	RAIL2	PX	-.003	-.003	0	0
40	SO SUPPORT1	PX	-.009	-.009	0	0
41	SO SUPPORT2	PX	-.009	-.009	0	0
42	SO SUPPORT3	PX	-.009	-.009	0	0
43	SO SUPPORT4	PX	-.009	-.009	0	0
44	SO SUPPORT5	PX	-.009	-.009	0	0
45	SO SUPPORT6	PX	-.009	-.009	0	0
46	STANDOFF1,1	PX	-.007	-.007	0	0
47	STANDOFF1,2	PX	-.007	-.007	0	0
48	STANDOFF2,1	PX	-.007	-.007	0	0
49	STANDOFF2,2	PX	-.007	-.007	0	0
50	STANDOFF3,1	PX	-.007	-.007	0	0
51	STANDOFF3,2	PX	-.007	-.007	0	0
52	SUPPORT1	PX	-.009	-.009	0	0
53	SUPPORT2	PX	-.009	-.009	0	0
54	SUPPORT3	PX	-.009	-.009	0	0
55	SUPPORT4	PX	-.009	-.009	0	0
56	SUPPORT5	PX	-.009	-.009	0	0
57	SUPPORT6	PX	-.009	-.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.005	.005	0	0
2	ANGLE2	PY	.005	.005	0	0
3	ANGLE3	PY	.005	.005	0	0
4	CORNER1	PY	.011	.011	0	0
5	CORNER2	PY	.011	.011	0	0
6	CORNER3	PY	.011	.011	0	0
7	FACE1,1	PY	.004	.004	0	0
8	FACE1,2	PY	.004	.004	0	0
9	FACE1,3	PY	.004	.004	0	0
10	FACE3,3	PY	.004	.004	0	0
11	FACE3,2	PY	.004	.004	0	0
12	FACE3,1	PY	.004	.004	0	0
13	FACE2,3	PY	.002	.002	0	0
14	FACE2,2	PY	.002	.002	0	0
15	FACE2,1	PY	.002	.002	0	0
16	GRATING SUPPORT1	PY	.005	.005	0	0
17	GRATING SUPPORT2	PY	.005	.005	0	0
18	GRATING SUPPORT3	PY	.005	.005	0	0
19	GRATING SUPPORT4	PY	.005	.005	0	0
20	GRATING SUPPORT5	PY	.005	.005	0	0
21	GRATING SUPPORT6	PY	.005	.005	0	0
22	KICKER1	PY	.009	.009	0	0
23	KICKER2	PY	.009	.009	0	0
24	KICKER3	PY	.009	.009	0	0
25	MP ALPHA1	PY	.005	.005	0	0
26	MP ALPHA2	PY	.005	.005	0	0
27	MP ALPHA3	PY	.005	.005	0	0
28	MP ALPHA4	PY	.005	.005	0	0
29	MP BETA1	PY	.005	.005	0	0
30	MP BETA2	PY	.005	.005	0	0
31	MP BETA3	PY	.005	.005	0	0
32	MP BETA4	PY	.005	.005	0	0
33	MP GAMMA1	PY	.005	.005	0	0
34	MP GAMMA2	PY	.005	.005	0	0
35	MP GAMMA3	PY	.005	.005	0	0
36	MP GAMMA4	PY	.005	.005	0	0
37	RAIL1	PY	.003	.003	0	0
38	RAIL3	PY	.003	.003	0	0
39	RAIL2	PY	.002	.002	0	0
40	SO SUPPORT1	PY	.005	.005	0	0
41	SO SUPPORT2	PY	.005	.005	0	0
42	SO SUPPORT3	PY	.005	.005	0	0
43	SO SUPPORT4	PY	.005	.005	0	0
44	SO SUPPORT5	PY	.005	.005	0	0
45	SO SUPPORT6	PY	.005	.005	0	0
46	STANDOFF1,1	PY	.003	.003	0	0
47	STANDOFF1,2	PY	.003	.003	0	0
48	STANDOFF2,1	PY	.003	.003	0	0
49	STANDOFF2,2	PY	.003	.003	0	0
50	STANDOFF3,1	PY	.003	.003	0	0
51	STANDOFF3,2	PY	.003	.003	0	0
52	SUPPORT1	PY	.005	.005	0	0
53	SUPPORT2	PY	.005	.005	0	0
54	SUPPORT3	PY	.005	.005	0	0
55	SUPPORT4	PY	.005	.005	0	0
56	SUPPORT5	PY	.005	.005	0	0
57	SUPPORT6	PY	.005	.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	-.008	-.008	0	0
59	ANGLE2	PX	-.008	-.008	0	0
60	ANGLE3	PX	-.008	-.008	0	0
61	CORNER1	PX	-.019	-.019	0	0
62	CORNER2	PX	-.019	-.019	0	0
63	CORNER3	PX	-.019	-.019	0	0
64	FACE1,1	PX	-.008	-.008	0	0
65	FACE1,2	PX	-.008	-.008	0	0
66	FACE1,3	PX	-.008	-.008	0	0
67	FACE3,3	PX	-.008	-.008	0	0
68	FACE3,2	PX	-.008	-.008	0	0
69	FACE3,1	PX	-.008	-.008	0	0
70	FACE2,3	PX	-.004	-.004	0	0
71	FACE2,2	PX	-.004	-.004	0	0
72	FACE2,1	PX	-.004	-.004	0	0
73	GRATING SUPPORT1	PX	-.008	-.008	0	0
74	GRATING SUPPORT2	PX	-.008	-.008	0	0
75	GRATING SUPPORT3	PX	-.008	-.008	0	0
76	GRATING SUPPORT4	PX	-.008	-.008	0	0
77	GRATING SUPPORT5	PX	-.008	-.008	0	0
78	GRATING SUPPORT6	PX	-.008	-.008	0	0
79	KICKER1	PX	-.016	-.016	0	0
80	KICKER2	PX	-.016	-.016	0	0
81	KICKER3	PX	-.016	-.016	0	0
82	MP ALPHA1	PX	-.009	-.009	0	0
83	MP ALPHA2	PX	-.009	-.009	0	0
84	MP ALPHA3	PX	-.009	-.009	0	0
85	MP ALPHA4	PX	-.009	-.009	0	0
86	MP BETA1	PX	-.009	-.009	0	0
87	MP BETA2	PX	-.009	-.009	0	0
88	MP BETA3	PX	-.009	-.009	0	0
89	MP BETA4	PX	-.009	-.009	0	0
90	MP GAMMA1	PX	-.009	-.009	0	0
91	MP GAMMA2	PX	-.009	-.009	0	0
92	MP GAMMA3	PX	-.009	-.009	0	0
93	MP GAMMA4	PX	-.009	-.009	0	0
94	RAIL1	PX	-.005	-.005	0	0
95	RAIL3	PX	-.005	-.005	0	0
96	RAIL2	PX	-.003	-.003	0	0
97	SO SUPPORT1	PX	-.008	-.008	0	0
98	SO SUPPORT2	PX	-.008	-.008	0	0
99	SO SUPPORT3	PX	-.008	-.008	0	0
100	SO SUPPORT4	PX	-.008	-.008	0	0
101	SO SUPPORT5	PX	-.008	-.008	0	0
102	SO SUPPORT6	PX	-.008	-.008	0	0
103	STANDOFF1,1	PX	-.006	-.006	0	0
104	STANDOFF1,2	PX	-.006	-.006	0	0
105	STANDOFF2,1	PX	-.006	-.006	0	0
106	STANDOFF2,2	PX	-.006	-.006	0	0
107	STANDOFF3,1	PX	-.006	-.006	0	0
108	STANDOFF3,2	PX	-.006	-.006	0	0
109	SUPPORT1	PX	-.008	-.008	0	0
110	SUPPORT2	PX	-.008	-.008	0	0
111	SUPPORT3	PX	-.008	-.008	0	0
112	SUPPORT4	PX	-.008	-.008	0	0
113	SUPPORT5	PX	-.008	-.008	0	0
114	SUPPORT6	PX	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.008	.008	0	0
2	ANGLE2	PY	.008	.008	0	0
3	ANGLE3	PY	.008	.008	0	0
4	CORNER1	PY	.019	.019	0	0
5	CORNER2	PY	.019	.019	0	0
6	CORNER3	PY	.019	.019	0	0
7	FACE1,1	PY	.008	.008	0	0
8	FACE1,2	PY	.008	.008	0	0
9	FACE1,3	PY	.008	.008	0	0
10	FACE3,3	PY	.008	.008	0	0
11	FACE3,2	PY	.008	.008	0	0
12	FACE3,1	PY	.008	.008	0	0
13	FACE2,3	PY	.004	.004	0	0
14	FACE2,2	PY	.004	.004	0	0
15	FACE2,1	PY	.004	.004	0	0
16	GRATING SUPPORT1	PY	.008	.008	0	0
17	GRATING SUPPORT2	PY	.008	.008	0	0
18	GRATING SUPPORT3	PY	.008	.008	0	0
19	GRATING SUPPORT4	PY	.008	.008	0	0
20	GRATING SUPPORT5	PY	.008	.008	0	0
21	GRATING SUPPORT6	PY	.008	.008	0	0
22	KICKER1	PY	.016	.016	0	0
23	KICKER2	PY	.016	.016	0	0
24	KICKER3	PY	.016	.016	0	0
25	MP ALPHA1	PY	.009	.009	0	0
26	MP ALPHA2	PY	.009	.009	0	0
27	MP ALPHA3	PY	.009	.009	0	0
28	MP ALPHA4	PY	.009	.009	0	0
29	MP BETA1	PY	.009	.009	0	0
30	MP BETA2	PY	.009	.009	0	0
31	MP BETA3	PY	.009	.009	0	0
32	MP BETA4	PY	.009	.009	0	0
33	MP GAMMA1	PY	.009	.009	0	0
34	MP GAMMA2	PY	.009	.009	0	0
35	MP GAMMA3	PY	.009	.009	0	0
36	MP GAMMA4	PY	.009	.009	0	0
37	RAIL1	PY	.005	.005	0	0
38	RAIL3	PY	.005	.005	0	0
39	RAIL2	PY	.003	.003	0	0
40	SO SUPPORT1	PY	.008	.008	0	0
41	SO SUPPORT2	PY	.008	.008	0	0
42	SO SUPPORT3	PY	.008	.008	0	0
43	SO SUPPORT4	PY	.008	.008	0	0
44	SO SUPPORT5	PY	.008	.008	0	0
45	SO SUPPORT6	PY	.008	.008	0	0
46	STANDOFF1,1	PY	.006	.006	0	0
47	STANDOFF1,2	PY	.006	.006	0	0
48	STANDOFF2,1	PY	.006	.006	0	0
49	STANDOFF2,2	PY	.006	.006	0	0
50	STANDOFF3,1	PY	.006	.006	0	0
51	STANDOFF3,2	PY	.006	.006	0	0
52	SUPPORT1	PY	.008	.008	0	0
53	SUPPORT2	PY	.008	.008	0	0
54	SUPPORT3	PY	.008	.008	0	0
55	SUPPORT4	PY	.008	.008	0	0
56	SUPPORT5	PY	.008	.008	0	0
57	SUPPORT6	PY	.008	.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	-.005	-.005	0	0
59	ANGLE2	PX	-.005	-.005	0	0
60	ANGLE3	PX	-.005	-.005	0	0
61	CORNER1	PX	-.011	-.011	0	0
62	CORNER2	PX	-.011	-.011	0	0
63	CORNER3	PX	-.011	-.011	0	0
64	FACE1,1	PX	-.004	-.004	0	0
65	FACE1,2	PX	-.004	-.004	0	0
66	FACE1,3	PX	-.004	-.004	0	0
67	FACE3,3	PX	-.004	-.004	0	0
68	FACE3,2	PX	-.004	-.004	0	0
69	FACE3,1	PX	-.004	-.004	0	0
70	FACE2,3	PX	-.002	-.002	0	0
71	FACE2,2	PX	-.002	-.002	0	0
72	FACE2,1	PX	-.002	-.002	0	0
73	GRATING SUPPORT1	PX	-.005	-.005	0	0
74	GRATING SUPPORT2	PX	-.005	-.005	0	0
75	GRATING SUPPORT3	PX	-.005	-.005	0	0
76	GRATING SUPPORT4	PX	-.005	-.005	0	0
77	GRATING SUPPORT5	PX	-.005	-.005	0	0
78	GRATING SUPPORT6	PX	-.005	-.005	0	0
79	KICKER1	PX	-.009	-.009	0	0
80	KICKER2	PX	-.009	-.009	0	0
81	KICKER3	PX	-.009	-.009	0	0
82	MP ALPHA1	PX	-.005	-.005	0	0
83	MP ALPHA2	PX	-.005	-.005	0	0
84	MP ALPHA3	PX	-.005	-.005	0	0
85	MP ALPHA4	PX	-.005	-.005	0	0
86	MP BETA1	PX	-.005	-.005	0	0
87	MP BETA2	PX	-.005	-.005	0	0
88	MP BETA3	PX	-.005	-.005	0	0
89	MP BETA4	PX	-.005	-.005	0	0
90	MP GAMMA1	PX	-.005	-.005	0	0
91	MP GAMMA2	PX	-.005	-.005	0	0
92	MP GAMMA3	PX	-.005	-.005	0	0
93	MP GAMMA4	PX	-.005	-.005	0	0
94	RAIL1	PX	-.003	-.003	0	0
95	RAIL3	PX	-.003	-.003	0	0
96	RAIL2	PX	-.002	-.002	0	0
97	SO SUPPORT1	PX	-.005	-.005	0	0
98	SO SUPPORT2	PX	-.005	-.005	0	0
99	SO SUPPORT3	PX	-.005	-.005	0	0
100	SO SUPPORT4	PX	-.005	-.005	0	0
101	SO SUPPORT5	PX	-.005	-.005	0	0
102	SO SUPPORT6	PX	-.005	-.005	0	0
103	STANDOFF1,1	PX	-.003	-.003	0	0
104	STANDOFF1,2	PX	-.003	-.003	0	0
105	STANDOFF2,1	PX	-.003	-.003	0	0
106	STANDOFF2,2	PX	-.003	-.003	0	0
107	STANDOFF3,1	PX	-.003	-.003	0	0
108	STANDOFF3,2	PX	-.003	-.003	0	0
109	SUPPORT1	PX	-.005	-.005	0	0
110	SUPPORT2	PX	-.005	-.005	0	0
111	SUPPORT3	PX	-.005	-.005	0	0
112	SUPPORT4	PX	-.005	-.005	0	0
113	SUPPORT5	PX	-.005	-.005	0	0
114	SUPPORT6	PX	-.005	-.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.009	.009	0	0
2	ANGLE2	PY	.009	.009	0	0
3	ANGLE3	PY	.009	.009	0	0
4	CORNER1	PY	.022	.022	0	0
5	CORNER2	PY	.022	.022	0	0
6	CORNER3	PY	.022	.022	0	0
7	FACE1,1	PY	.009	.009	0	0
8	FACE1,2	PY	.009	.009	0	0
9	FACE1,3	PY	.009	.009	0	0
10	FACE3,3	PY	.009	.009	0	0
11	FACE3,2	PY	.009	.009	0	0
12	FACE3,1	PY	.009	.009	0	0
13	FACE2,3	PY	.004	.004	0	0
14	FACE2,2	PY	.004	.004	0	0
15	FACE2,1	PY	.004	.004	0	0
16	GRATING SUPPORT1	PY	.009	.009	0	0
17	GRATING SUPPORT2	PY	.009	.009	0	0
18	GRATING SUPPORT3	PY	.009	.009	0	0
19	GRATING SUPPORT4	PY	.009	.009	0	0
20	GRATING SUPPORT5	PY	.009	.009	0	0
21	GRATING SUPPORT6	PY	.009	.009	0	0
22	KICKER1	PY	.019	.019	0	0
23	KICKER2	PY	.019	.019	0	0
24	KICKER3	PY	.019	.019	0	0
25	MP ALPHA1	PY	.011	.011	0	0
26	MP ALPHA2	PY	.011	.011	0	0
27	MP ALPHA3	PY	.011	.011	0	0
28	MP ALPHA4	PY	.011	.011	0	0
29	MP BETA1	PY	.011	.011	0	0
30	MP BETA2	PY	.011	.011	0	0
31	MP BETA3	PY	.011	.011	0	0
32	MP BETA4	PY	.011	.011	0	0
33	MP GAMMA1	PY	.011	.011	0	0
34	MP GAMMA2	PY	.011	.011	0	0
35	MP GAMMA3	PY	.011	.011	0	0
36	MP GAMMA4	PY	.011	.011	0	0
37	RAIL1	PY	.006	.006	0	0
38	RAIL3	PY	.006	.006	0	0
39	RAIL2	PY	.003	.003	0	0
40	SO SUPPORT1	PY	.009	.009	0	0
41	SO SUPPORT2	PY	.009	.009	0	0
42	SO SUPPORT3	PY	.009	.009	0	0
43	SO SUPPORT4	PY	.009	.009	0	0
44	SO SUPPORT5	PY	.009	.009	0	0
45	SO SUPPORT6	PY	.009	.009	0	0
46	STANDOFF1,1	PY	.007	.007	0	0
47	STANDOFF1,2	PY	.007	.007	0	0
48	STANDOFF2,1	PY	.007	.007	0	0
49	STANDOFF2,2	PY	.007	.007	0	0
50	STANDOFF3,1	PY	.007	.007	0	0
51	STANDOFF3,2	PY	.007	.007	0	0
52	SUPPORT1	PY	.009	.009	0	0
53	SUPPORT2	PY	.009	.009	0	0
54	SUPPORT3	PY	.009	.009	0	0
55	SUPPORT4	PY	.009	.009	0	0
56	SUPPORT5	PY	.009	.009	0	0
57	SUPPORT6	PY	.009	.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.008	.008	0	0
2	ANGLE2	PY	.008	.008	0	0
3	ANGLE3	PY	.008	.008	0	0
4	CORNER1	PY	.019	.019	0	0
5	CORNER2	PY	.019	.019	0	0
6	CORNER3	PY	.019	.019	0	0
7	FACE1,1	PY	.008	.008	0	0
8	FACE1,2	PY	.008	.008	0	0
9	FACE1,3	PY	.008	.008	0	0
10	FACE2,1	PY	.008	.008	0	0
11	FACE2,2	PY	.008	.008	0	0
12	FACE2,3	PY	.008	.008	0	0
13	FACE3,1	PY	.004	.004	0	0
14	FACE3,2	PY	.004	.004	0	0
15	FACE3,3	PY	.004	.004	0	0
16	GRATING SUPPORT1	PY	.008	.008	0	0
17	GRATING SUPPORT2	PY	.008	.008	0	0
18	GRATING SUPPORT3	PY	.008	.008	0	0
19	GRATING SUPPORT4	PY	.008	.008	0	0
20	GRATING SUPPORT5	PY	.008	.008	0	0
21	GRATING SUPPORT6	PY	.008	.008	0	0
22	KICKER1	PY	.016	.016	0	0
23	KICKER2	PY	.016	.016	0	0
24	KICKER3	PY	.016	.016	0	0
25	MP ALPHA1	PY	.009	.009	0	0
26	MP ALPHA2	PY	.009	.009	0	0
27	MP ALPHA3	PY	.009	.009	0	0
28	MP ALPHA4	PY	.009	.009	0	0
29	MP BETA1	PY	.009	.009	0	0
30	MP BETA2	PY	.009	.009	0	0
31	MP BETA3	PY	.009	.009	0	0
32	MP BETA4	PY	.009	.009	0	0
33	MP GAMMA1	PY	.009	.009	0	0
34	MP GAMMA2	PY	.009	.009	0	0
35	MP GAMMA3	PY	.009	.009	0	0
36	MP GAMMA4	PY	.009	.009	0	0
37	RAIL1	PY	.005	.005	0	0
38	RAIL2	PY	.005	.005	0	0
39	RAIL3	PY	.003	.003	0	0
40	SO SUPPORT1	PY	.008	.008	0	0
41	SO SUPPORT2	PY	.008	.008	0	0
42	SO SUPPORT3	PY	.008	.008	0	0
43	SO SUPPORT4	PY	.008	.008	0	0
44	SO SUPPORT5	PY	.008	.008	0	0
45	SO SUPPORT6	PY	.008	.008	0	0
46	STANDOFF1,1	PY	.006	.006	0	0
47	STANDOFF1,2	PY	.006	.006	0	0
48	STANDOFF2,1	PY	.006	.006	0	0
49	STANDOFF2,2	PY	.006	.006	0	0
50	STANDOFF3,1	PY	.006	.006	0	0
51	STANDOFF3,2	PY	.006	.006	0	0
52	SUPPORT1	PY	.008	.008	0	0
53	SUPPORT2	PY	.008	.008	0	0
54	SUPPORT3	PY	.008	.008	0	0
55	SUPPORT4	PY	.008	.008	0	0
56	SUPPORT5	PY	.008	.008	0	0
57	SUPPORT6	PY	.008	.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	.005	.005	0	0
59	ANGLE2	PX	.005	.005	0	0
60	ANGLE3	PX	.005	.005	0	0
61	CORNER1	PX	.011	.011	0	0
62	CORNER2	PX	.011	.011	0	0
63	CORNER3	PX	.011	.011	0	0
64	FACE1,1	PX	.004	.004	0	0
65	FACE1,2	PX	.004	.004	0	0
66	FACE1,3	PX	.004	.004	0	0
67	FACE2,1	PX	.004	.004	0	0
68	FACE2,2	PX	.004	.004	0	0
69	FACE2,3	PX	.004	.004	0	0
70	FACE3,1	PX	.002	.002	0	0
71	FACE3,2	PX	.002	.002	0	0
72	FACE3,3	PX	.002	.002	0	0
73	GRATING SUPPORT1	PX	.005	.005	0	0
74	GRATING SUPPORT2	PX	.005	.005	0	0
75	GRATING SUPPORT3	PX	.005	.005	0	0
76	GRATING SUPPORT4	PX	.005	.005	0	0
77	GRATING SUPPORT5	PX	.005	.005	0	0
78	GRATING SUPPORT6	PX	.005	.005	0	0
79	KICKER1	PX	.009	.009	0	0
80	KICKER2	PX	.009	.009	0	0
81	KICKER3	PX	.009	.009	0	0
82	MP ALPHA1	PX	.005	.005	0	0
83	MP ALPHA2	PX	.005	.005	0	0
84	MP ALPHA3	PX	.005	.005	0	0
85	MP ALPHA4	PX	.005	.005	0	0
86	MP BETA1	PX	.005	.005	0	0
87	MP BETA2	PX	.005	.005	0	0
88	MP BETA3	PX	.005	.005	0	0
89	MP BETA4	PX	.005	.005	0	0
90	MP GAMMA1	PX	.005	.005	0	0
91	MP GAMMA2	PX	.005	.005	0	0
92	MP GAMMA3	PX	.005	.005	0	0
93	MP GAMMA4	PX	.005	.005	0	0
94	RAIL1	PX	.003	.003	0	0
95	RAIL2	PX	.003	.003	0	0
96	RAIL3	PX	.002	.002	0	0
97	SO SUPPORT1	PX	.005	.005	0	0
98	SO SUPPORT2	PX	.005	.005	0	0
99	SO SUPPORT3	PX	.005	.005	0	0
100	SO SUPPORT4	PX	.005	.005	0	0
101	SO SUPPORT5	PX	.005	.005	0	0
102	SO SUPPORT6	PX	.005	.005	0	0
103	STANDOFF1,1	PX	.003	.003	0	0
104	STANDOFF1,2	PX	.003	.003	0	0
105	STANDOFF2,1	PX	.003	.003	0	0
106	STANDOFF2,2	PX	.003	.003	0	0
107	STANDOFF3,1	PX	.003	.003	0	0
108	STANDOFF3,2	PX	.003	.003	0	0
109	SUPPORT1	PX	.005	.005	0	0
110	SUPPORT2	PX	.005	.005	0	0
111	SUPPORT3	PX	.005	.005	0	0
112	SUPPORT4	PX	.005	.005	0	0
113	SUPPORT5	PX	.005	.005	0	0
114	SUPPORT6	PX	.005	.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.005	.005	0	0
2	ANGLE2	PY	.005	.005	0	0
3	ANGLE3	PY	.005	.005	0	0
4	CORNER1	PY	.011	.011	0	0
5	CORNER2	PY	.011	.011	0	0
6	CORNER3	PY	.011	.011	0	0
7	FACE1,1	PY	.004	.004	0	0
8	FACE1,2	PY	.004	.004	0	0
9	FACE1,3	PY	.004	.004	0	0
10	FACE2,1	PY	.004	.004	0	0
11	FACE2,2	PY	.004	.004	0	0
12	FACE2,3	PY	.004	.004	0	0
13	FACE3,1	PY	.002	.002	0	0
14	FACE3,2	PY	.002	.002	0	0
15	FACE3,3	PY	.002	.002	0	0
16	GRATING SUPPORT1	PY	.005	.005	0	0
17	GRATING SUPPORT2	PY	.005	.005	0	0
18	GRATING SUPPORT3	PY	.005	.005	0	0
19	GRATING SUPPORT4	PY	.005	.005	0	0
20	GRATING SUPPORT5	PY	.005	.005	0	0
21	GRATING SUPPORT6	PY	.005	.005	0	0
22	KICKER1	PY	.009	.009	0	0
23	KICKER2	PY	.009	.009	0	0
24	KICKER3	PY	.009	.009	0	0
25	MP ALPHA1	PY	.005	.005	0	0
26	MP ALPHA2	PY	.005	.005	0	0
27	MP ALPHA3	PY	.005	.005	0	0
28	MP ALPHA4	PY	.005	.005	0	0
29	MP BETA1	PY	.005	.005	0	0
30	MP BETA2	PY	.005	.005	0	0
31	MP BETA3	PY	.005	.005	0	0
32	MP BETA4	PY	.005	.005	0	0
33	MP GAMMA1	PY	.005	.005	0	0
34	MP GAMMA2	PY	.005	.005	0	0
35	MP GAMMA3	PY	.005	.005	0	0
36	MP GAMMA4	PY	.005	.005	0	0
37	RAIL1	PY	.003	.003	0	0
38	RAIL2	PY	.003	.003	0	0
39	RAIL3	PY	.002	.002	0	0
40	SO SUPPORT1	PY	.005	.005	0	0
41	SO SUPPORT2	PY	.005	.005	0	0
42	SO SUPPORT3	PY	.005	.005	0	0
43	SO SUPPORT4	PY	.005	.005	0	0
44	SO SUPPORT5	PY	.005	.005	0	0
45	SO SUPPORT6	PY	.005	.005	0	0
46	STANDOFF1,1	PY	.003	.003	0	0
47	STANDOFF1,2	PY	.003	.003	0	0
48	STANDOFF2,1	PY	.003	.003	0	0
49	STANDOFF2,2	PY	.003	.003	0	0
50	STANDOFF3,1	PY	.003	.003	0	0
51	STANDOFF3,2	PY	.003	.003	0	0
52	SUPPORT1	PY	.005	.005	0	0
53	SUPPORT2	PY	.005	.005	0	0
54	SUPPORT3	PY	.005	.005	0	0
55	SUPPORT4	PY	.005	.005	0	0
56	SUPPORT5	PY	.005	.005	0	0
57	SUPPORT6	PY	.005	.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	.008	.008	0	0
59	ANGLE2	PX	.008	.008	0	0
60	ANGLE3	PX	.008	.008	0	0
61	CORNER1	PX	.019	.019	0	0
62	CORNER2	PX	.019	.019	0	0
63	CORNER3	PX	.019	.019	0	0
64	FACE1,1	PX	.008	.008	0	0
65	FACE1,2	PX	.008	.008	0	0
66	FACE1,3	PX	.008	.008	0	0
67	FACE2,1	PX	.008	.008	0	0
68	FACE2,2	PX	.008	.008	0	0
69	FACE2,3	PX	.008	.008	0	0
70	FACE3,1	PX	.004	.004	0	0
71	FACE3,2	PX	.004	.004	0	0
72	FACE3,3	PX	.004	.004	0	0
73	GRATING SUPPORT1	PX	.008	.008	0	0
74	GRATING SUPPORT2	PX	.008	.008	0	0
75	GRATING SUPPORT3	PX	.008	.008	0	0
76	GRATING SUPPORT4	PX	.008	.008	0	0
77	GRATING SUPPORT5	PX	.008	.008	0	0
78	GRATING SUPPORT6	PX	.008	.008	0	0
79	KICKER1	PX	.016	.016	0	0
80	KICKER2	PX	.016	.016	0	0
81	KICKER3	PX	.016	.016	0	0
82	MP ALPHA1	PX	.009	.009	0	0
83	MP ALPHA2	PX	.009	.009	0	0
84	MP ALPHA3	PX	.009	.009	0	0
85	MP ALPHA4	PX	.009	.009	0	0
86	MP BETA1	PX	.009	.009	0	0
87	MP BETA2	PX	.009	.009	0	0
88	MP BETA3	PX	.009	.009	0	0
89	MP BETA4	PX	.009	.009	0	0
90	MP GAMMA1	PX	.009	.009	0	0
91	MP GAMMA2	PX	.009	.009	0	0
92	MP GAMMA3	PX	.009	.009	0	0
93	MP GAMMA4	PX	.009	.009	0	0
94	RAIL1	PX	.005	.005	0	0
95	RAIL2	PX	.005	.005	0	0
96	RAIL3	PX	.003	.003	0	0
97	SO SUPPORT1	PX	.008	.008	0	0
98	SO SUPPORT2	PX	.008	.008	0	0
99	SO SUPPORT3	PX	.008	.008	0	0
100	SO SUPPORT4	PX	.008	.008	0	0
101	SO SUPPORT5	PX	.008	.008	0	0
102	SO SUPPORT6	PX	.008	.008	0	0
103	STANDOFF1,1	PX	.006	.006	0	0
104	STANDOFF1,2	PX	.006	.006	0	0
105	STANDOFF2,1	PX	.006	.006	0	0
106	STANDOFF2,2	PX	.006	.006	0	0
107	STANDOFF3,1	PX	.006	.006	0	0
108	STANDOFF3,2	PX	.006	.006	0	0
109	SUPPORT1	PX	.008	.008	0	0
110	SUPPORT2	PX	.008	.008	0	0
111	SUPPORT3	PX	.008	.008	0	0
112	SUPPORT4	PX	.008	.008	0	0
113	SUPPORT5	PX	.008	.008	0	0
114	SUPPORT6	PX	.008	.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PX	.009	.009	0	0
2	ANGLE2	PX	.009	.009	0	0
3	ANGLE3	PX	.009	.009	0	0
4	CORNER1	PX	.022	.022	0	0
5	CORNER2	PX	.022	.022	0	0
6	CORNER3	PX	.022	.022	0	0
7	FACE1,1	PX	.009	.009	0	0
8	FACE1,2	PX	.009	.009	0	0
9	FACE1,3	PX	.009	.009	0	0
10	FACE2,1	PX	.009	.009	0	0
11	FACE2,2	PX	.009	.009	0	0
12	FACE2,3	PX	.009	.009	0	0
13	FACE3,1	PX	.004	.004	0	0
14	FACE3,2	PX	.004	.004	0	0
15	FACE3,3	PX	.004	.004	0	0
16	GRATING SUPPORT1	PX	.009	.009	0	0
17	GRATING SUPPORT2	PX	.009	.009	0	0
18	GRATING SUPPORT3	PX	.009	.009	0	0
19	GRATING SUPPORT4	PX	.009	.009	0	0
20	GRATING SUPPORT5	PX	.009	.009	0	0
21	GRATING SUPPORT6	PX	.009	.009	0	0
22	KICKER1	PX	.019	.019	0	0
23	KICKER2	PX	.019	.019	0	0
24	KICKER3	PX	.019	.019	0	0
25	MP ALPHA1	PX	.011	.011	0	0
26	MP ALPHA2	PX	.011	.011	0	0
27	MP ALPHA3	PX	.011	.011	0	0
28	MP ALPHA4	PX	.011	.011	0	0
29	MP BETA1	PX	.011	.011	0	0
30	MP BETA2	PX	.011	.011	0	0
31	MP BETA3	PX	.011	.011	0	0
32	MP BETA4	PX	.011	.011	0	0
33	MP GAMMA1	PX	.011	.011	0	0
34	MP GAMMA2	PX	.011	.011	0	0
35	MP GAMMA3	PX	.011	.011	0	0
36	MP GAMMA4	PX	.011	.011	0	0
37	RAIL1	PX	.006	.006	0	0
38	RAIL2	PX	.006	.006	0	0
39	RAIL3	PX	.003	.003	0	0
40	SO SUPPORT1	PX	.009	.009	0	0
41	SO SUPPORT2	PX	.009	.009	0	0
42	SO SUPPORT3	PX	.009	.009	0	0
43	SO SUPPORT4	PX	.009	.009	0	0
44	SO SUPPORT5	PX	.009	.009	0	0
45	SO SUPPORT6	PX	.009	.009	0	0
46	STANDOFF1,1	PX	.007	.007	0	0
47	STANDOFF1,2	PX	.007	.007	0	0
48	STANDOFF2,1	PX	.007	.007	0	0
49	STANDOFF2,2	PX	.007	.007	0	0
50	STANDOFF3,1	PX	.007	.007	0	0
51	STANDOFF3,2	PX	.007	.007	0	0
52	SUPPORT1	PX	.009	.009	0	0
53	SUPPORT2	PX	.009	.009	0	0
54	SUPPORT3	PX	.009	.009	0	0
55	SUPPORT4	PX	.009	.009	0	0
56	SUPPORT5	PX	.009	.009	0	0
57	SUPPORT6	PX	.009	.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.005	-.005	0	0
2	ANGLE2	PY	-.005	-.005	0	0
3	ANGLE3	PY	-.005	-.005	0	0
4	CORNER1	PY	-.011	-.011	0	0
5	CORNER2	PY	-.011	-.011	0	0
6	CORNER3	PY	-.011	-.011	0	0
7	FACE1,1	PY	-.004	-.004	0	0
8	FACE1,2	PY	-.004	-.004	0	0
9	FACE1,3	PY	-.004	-.004	0	0
10	FACE2,1	PY	-.004	-.004	0	0
11	FACE2,2	PY	-.004	-.004	0	0
12	FACE2,3	PY	-.004	-.004	0	0
13	FACE3,1	PY	-.002	-.002	0	0
14	FACE3,2	PY	-.002	-.002	0	0
15	FACE3,3	PY	-.002	-.002	0	0
16	GRATING SUPPORT1	PY	-.005	-.005	0	0
17	GRATING SUPPORT2	PY	-.005	-.005	0	0
18	GRATING SUPPORT3	PY	-.005	-.005	0	0
19	GRATING SUPPORT4	PY	-.005	-.005	0	0
20	GRATING SUPPORT5	PY	-.005	-.005	0	0
21	GRATING SUPPORT6	PY	-.005	-.005	0	0
22	KICKER1	PY	-.009	-.009	0	0
23	KICKER2	PY	-.009	-.009	0	0
24	KICKER3	PY	-.009	-.009	0	0
25	MP ALPHA1	PY	-.005	-.005	0	0
26	MP ALPHA2	PY	-.005	-.005	0	0
27	MP ALPHA3	PY	-.005	-.005	0	0
28	MP ALPHA4	PY	-.005	-.005	0	0
29	MP BETA1	PY	-.005	-.005	0	0
30	MP BETA2	PY	-.005	-.005	0	0
31	MP BETA3	PY	-.005	-.005	0	0
32	MP BETA4	PY	-.005	-.005	0	0
33	MP GAMMA1	PY	-.005	-.005	0	0
34	MP GAMMA2	PY	-.005	-.005	0	0
35	MP GAMMA3	PY	-.005	-.005	0	0
36	MP GAMMA4	PY	-.005	-.005	0	0
37	RAIL1	PY	-.003	-.003	0	0
38	RAIL2	PY	-.003	-.003	0	0
39	RAIL3	PY	-.002	-.002	0	0
40	SO SUPPORT1	PY	-.005	-.005	0	0
41	SO SUPPORT2	PY	-.005	-.005	0	0
42	SO SUPPORT3	PY	-.005	-.005	0	0
43	SO SUPPORT4	PY	-.005	-.005	0	0
44	SO SUPPORT5	PY	-.005	-.005	0	0
45	SO SUPPORT6	PY	-.005	-.005	0	0
46	STANDOFF1,1	PY	-.003	-.003	0	0
47	STANDOFF1,2	PY	-.003	-.003	0	0
48	STANDOFF2,1	PY	-.003	-.003	0	0
49	STANDOFF2,2	PY	-.003	-.003	0	0
50	STANDOFF3,1	PY	-.003	-.003	0	0
51	STANDOFF3,2	PY	-.003	-.003	0	0
52	SUPPORT1	PY	-.005	-.005	0	0
53	SUPPORT2	PY	-.005	-.005	0	0
54	SUPPORT3	PY	-.005	-.005	0	0
55	SUPPORT4	PY	-.005	-.005	0	0
56	SUPPORT5	PY	-.005	-.005	0	0
57	SUPPORT6	PY	-.005	-.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	.008	.008	0	0
59	ANGLE2	PX	.008	.008	0	0
60	ANGLE3	PX	.008	.008	0	0
61	CORNER1	PX	.019	.019	0	0
62	CORNER2	PX	.019	.019	0	0
63	CORNER3	PX	.019	.019	0	0
64	FACE1,1	PX	.008	.008	0	0
65	FACE1,2	PX	.008	.008	0	0
66	FACE1,3	PX	.008	.008	0	0
67	FACE2,1	PX	.008	.008	0	0
68	FACE2,2	PX	.008	.008	0	0
69	FACE2,3	PX	.008	.008	0	0
70	FACE3,1	PX	.004	.004	0	0
71	FACE3,2	PX	.004	.004	0	0
72	FACE3,3	PX	.004	.004	0	0
73	GRATING SUPPORT1	PX	.008	.008	0	0
74	GRATING SUPPORT2	PX	.008	.008	0	0
75	GRATING SUPPORT3	PX	.008	.008	0	0
76	GRATING SUPPORT4	PX	.008	.008	0	0
77	GRATING SUPPORT5	PX	.008	.008	0	0
78	GRATING SUPPORT6	PX	.008	.008	0	0
79	KICKER1	PX	.016	.016	0	0
80	KICKER2	PX	.016	.016	0	0
81	KICKER3	PX	.016	.016	0	0
82	MP ALPHA1	PX	.009	.009	0	0
83	MP ALPHA2	PX	.009	.009	0	0
84	MP ALPHA3	PX	.009	.009	0	0
85	MP ALPHA4	PX	.009	.009	0	0
86	MP BETA1	PX	.009	.009	0	0
87	MP BETA2	PX	.009	.009	0	0
88	MP BETA3	PX	.009	.009	0	0
89	MP BETA4	PX	.009	.009	0	0
90	MP GAMMA1	PX	.009	.009	0	0
91	MP GAMMA2	PX	.009	.009	0	0
92	MP GAMMA3	PX	.009	.009	0	0
93	MP GAMMA4	PX	.009	.009	0	0
94	RAIL1	PX	.005	.005	0	0
95	RAIL2	PX	.005	.005	0	0
96	RAIL3	PX	.003	.003	0	0
97	SO SUPPORT1	PX	.008	.008	0	0
98	SO SUPPORT2	PX	.008	.008	0	0
99	SO SUPPORT3	PX	.008	.008	0	0
100	SO SUPPORT4	PX	.008	.008	0	0
101	SO SUPPORT5	PX	.008	.008	0	0
102	SO SUPPORT6	PX	.008	.008	0	0
103	STANDOFF1,1	PX	.006	.006	0	0
104	STANDOFF1,2	PX	.006	.006	0	0
105	STANDOFF2,1	PX	.006	.006	0	0
106	STANDOFF2,2	PX	.006	.006	0	0
107	STANDOFF3,1	PX	.006	.006	0	0
108	STANDOFF3,2	PX	.006	.006	0	0
109	SUPPORT1	PX	.008	.008	0	0
110	SUPPORT2	PX	.008	.008	0	0
111	SUPPORT3	PX	.008	.008	0	0
112	SUPPORT4	PX	.008	.008	0	0
113	SUPPORT5	PX	.008	.008	0	0
114	SUPPORT6	PX	.008	.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.008	-.008	0	0
2	ANGLE2	PY	-.008	-.008	0	0
3	ANGLE3	PY	-.008	-.008	0	0
4	CORNER1	PY	-.019	-.019	0	0
5	CORNER2	PY	-.019	-.019	0	0
6	CORNER3	PY	-.019	-.019	0	0
7	FACE3,3	PY	-.008	-.008	0	0
8	FACE3,2	PY	-.008	-.008	0	0
9	FACE3,1	PY	-.008	-.008	0	0
10	FACE2,3	PY	-.008	-.008	0	0
11	FACE2,2	PY	-.008	-.008	0	0
12	FACE2,1	PY	-.008	-.008	0	0
13	FACE1,3	PY	-.004	-.004	0	0
14	FACE1,2	PY	-.004	-.004	0	0
15	FACE1,1	PY	-.004	-.004	0	0
16	GRATING SUPPORT1	PY	-.008	-.008	0	0
17	GRATING SUPPORT2	PY	-.008	-.008	0	0
18	GRATING SUPPORT3	PY	-.008	-.008	0	0
19	GRATING SUPPORT4	PY	-.008	-.008	0	0
20	GRATING SUPPORT5	PY	-.008	-.008	0	0
21	GRATING SUPPORT6	PY	-.008	-.008	0	0
22	KICKER1	PY	-.016	-.016	0	0
23	KICKER2	PY	-.016	-.016	0	0
24	KICKER3	PY	-.016	-.016	0	0
25	MP ALPHA1	PY	-.009	-.009	0	0
26	MP ALPHA2	PY	-.009	-.009	0	0
27	MP ALPHA3	PY	-.009	-.009	0	0
28	MP ALPHA4	PY	-.009	-.009	0	0
29	MP BETA1	PY	-.009	-.009	0	0
30	MP BETA2	PY	-.009	-.009	0	0
31	MP BETA3	PY	-.009	-.009	0	0
32	MP BETA4	PY	-.009	-.009	0	0
33	MP GAMMA1	PY	-.009	-.009	0	0
34	MP GAMMA2	PY	-.009	-.009	0	0
35	MP GAMMA3	PY	-.009	-.009	0	0
36	MP GAMMA4	PY	-.009	-.009	0	0
37	RAIL3	PY	-.005	-.005	0	0
38	RAIL2	PY	-.005	-.005	0	0
39	RAIL1	PY	-.003	-.003	0	0
40	SO SUPPORT1	PY	-.008	-.008	0	0
41	SO SUPPORT2	PY	-.008	-.008	0	0
42	SO SUPPORT3	PY	-.008	-.008	0	0
43	SO SUPPORT4	PY	-.008	-.008	0	0
44	SO SUPPORT5	PY	-.008	-.008	0	0
45	SO SUPPORT6	PY	-.008	-.008	0	0
46	STANDOFF1,1	PY	-.006	-.006	0	0
47	STANDOFF1,2	PY	-.006	-.006	0	0
48	STANDOFF2,1	PY	-.006	-.006	0	0
49	STANDOFF2,2	PY	-.006	-.006	0	0
50	STANDOFF3,1	PY	-.006	-.006	0	0
51	STANDOFF3,2	PY	-.006	-.006	0	0
52	SUPPORT1	PY	-.008	-.008	0	0
53	SUPPORT2	PY	-.008	-.008	0	0
54	SUPPORT3	PY	-.008	-.008	0	0
55	SUPPORT4	PY	-.008	-.008	0	0
56	SUPPORT5	PY	-.008	-.008	0	0
57	SUPPORT6	PY	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	.005	.005	0	0
59	ANGLE2	PX	.005	.005	0	0
60	ANGLE3	PX	.005	.005	0	0
61	CORNER1	PX	.011	.011	0	0
62	CORNER2	PX	.011	.011	0	0
63	CORNER3	PX	.011	.011	0	0
64	FACE3,3	PX	.004	.004	0	0
65	FACE3,2	PX	.004	.004	0	0
66	FACE3,1	PX	.004	.004	0	0
67	FACE2,3	PX	.004	.004	0	0
68	FACE2,2	PX	.004	.004	0	0
69	FACE2,1	PX	.004	.004	0	0
70	FACE1,3	PX	.002	.002	0	0
71	FACE1,2	PX	.002	.002	0	0
72	FACE1,1	PX	.002	.002	0	0
73	GRATING SUPPORT1	PX	.005	.005	0	0
74	GRATING SUPPORT2	PX	.005	.005	0	0
75	GRATING SUPPORT3	PX	.005	.005	0	0
76	GRATING SUPPORT4	PX	.005	.005	0	0
77	GRATING SUPPORT5	PX	.005	.005	0	0
78	GRATING SUPPORT6	PX	.005	.005	0	0
79	KICKER1	PX	.009	.009	0	0
80	KICKER2	PX	.009	.009	0	0
81	KICKER3	PX	.009	.009	0	0
82	MP ALPHA1	PX	.005	.005	0	0
83	MP ALPHA2	PX	.005	.005	0	0
84	MP ALPHA3	PX	.005	.005	0	0
85	MP ALPHA4	PX	.005	.005	0	0
86	MP BETA1	PX	.005	.005	0	0
87	MP BETA2	PX	.005	.005	0	0
88	MP BETA3	PX	.005	.005	0	0
89	MP BETA4	PX	.005	.005	0	0
90	MP GAMMA1	PX	.005	.005	0	0
91	MP GAMMA2	PX	.005	.005	0	0
92	MP GAMMA3	PX	.005	.005	0	0
93	MP GAMMA4	PX	.005	.005	0	0
94	RAIL3	PX	.003	.003	0	0
95	RAIL2	PX	.003	.003	0	0
96	RAIL1	PX	.002	.002	0	0
97	SO SUPPORT1	PX	.005	.005	0	0
98	SO SUPPORT2	PX	.005	.005	0	0
99	SO SUPPORT3	PX	.005	.005	0	0
100	SO SUPPORT4	PX	.005	.005	0	0
101	SO SUPPORT5	PX	.005	.005	0	0
102	SO SUPPORT6	PX	.005	.005	0	0
103	STANDOFF1,1	PX	.003	.003	0	0
104	STANDOFF1,2	PX	.003	.003	0	0
105	STANDOFF2,1	PX	.003	.003	0	0
106	STANDOFF2,2	PX	.003	.003	0	0
107	STANDOFF3,1	PX	.003	.003	0	0
108	STANDOFF3,2	PX	.003	.003	0	0
109	SUPPORT1	PX	.005	.005	0	0
110	SUPPORT2	PX	.005	.005	0	0
111	SUPPORT3	PX	.005	.005	0	0
112	SUPPORT4	PX	.005	.005	0	0
113	SUPPORT5	PX	.005	.005	0	0
114	SUPPORT6	PX	.005	.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.000537	-.000537	0	0
2	ANGLE2	PY	-.000537	-.000537	0	0
3	ANGLE3	PY	-.000537	-.000537	0	0
4	CORNER1	PY	-.001	-.001	0	0
5	CORNER2	PY	-.001	-.001	0	0
6	CORNER3	PY	-.001	-.001	0	0
7	FACE3,3	PY	-.000513	-.000513	0	0
8	FACE3,2	PY	-.000513	-.000513	0	0
9	FACE3,1	PY	-.000513	-.000513	0	0
10	FACE2,3	PY	-.000513	-.000513	0	0
11	FACE2,2	PY	-.000513	-.000513	0	0
12	FACE2,1	PY	-.000513	-.000513	0	0
13	FACE1,3	PY	-.000257	-.000257	0	0
14	FACE1,2	PY	-.000257	-.000257	0	0
15	FACE1,1	PY	-.000257	-.000257	0	0
16	GRATING SUPPORT1	PY	-.000537	-.000537	0	0
17	GRATING SUPPORT2	PY	-.000537	-.000537	0	0
18	GRATING SUPPORT3	PY	-.000537	-.000537	0	0
19	GRATING SUPPORT4	PY	-.000537	-.000537	0	0
20	GRATING SUPPORT5	PY	-.000537	-.000537	0	0
21	GRATING SUPPORT6	PY	-.000537	-.000537	0	0
22	KICKER1	PY	-.001	-.001	0	0
23	KICKER2	PY	-.001	-.001	0	0
24	KICKER3	PY	-.001	-.001	0	0
25	MP ALPHA1	PY	-.000613	-.000613	0	0
26	MP ALPHA2	PY	-.000613	-.000613	0	0
27	MP ALPHA3	PY	-.000613	-.000613	0	0
28	MP ALPHA4	PY	-.000613	-.000613	0	0
29	MP BETA1	PY	-.000613	-.000613	0	0
30	MP BETA2	PY	-.000613	-.000613	0	0
31	MP BETA3	PY	-.000613	-.000613	0	0
32	MP BETA4	PY	-.000613	-.000613	0	0
33	MP GAMMA1	PY	-.000613	-.000613	0	0
34	MP GAMMA2	PY	-.000613	-.000613	0	0
35	MP GAMMA3	PY	-.000613	-.000613	0	0
36	MP GAMMA4	PY	-.000613	-.000613	0	0
37	RAIL3	PY	-.000348	-.000348	0	0
38	RAIL2	PY	-.000348	-.000348	0	0
39	RAIL1	PY	-.000174	-.000174	0	0
40	SO SUPPORT1	PY	-.000537	-.000537	0	0
41	SO SUPPORT2	PY	-.000537	-.000537	0	0
42	SO SUPPORT3	PY	-.000537	-.000537	0	0
43	SO SUPPORT4	PY	-.000537	-.000537	0	0
44	SO SUPPORT5	PY	-.000537	-.000537	0	0
45	SO SUPPORT6	PY	-.000537	-.000537	0	0
46	STANDOFF1,1	PY	-.000403	-.000403	0	0
47	STANDOFF1,2	PY	-.000403	-.000403	0	0
48	STANDOFF2,1	PY	-.000403	-.000403	0	0
49	STANDOFF2,2	PY	-.000403	-.000403	0	0
50	STANDOFF3,1	PY	-.000403	-.000403	0	0
51	STANDOFF3,2	PY	-.000403	-.000403	0	0
52	SUPPORT1	PY	-.000537	-.000537	0	0
53	SUPPORT2	PY	-.000537	-.000537	0	0
54	SUPPORT3	PY	-.000537	-.000537	0	0
55	SUPPORT4	PY	-.000537	-.000537	0	0
56	SUPPORT5	PY	-.000537	-.000537	0	0
57	SUPPORT6	PY	-.000537	-.000537	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.000465	-.000465	0	0
2	ANGLE2	PY	-.000465	-.000465	0	0
3	ANGLE3	PY	-.000465	-.000465	0	0
4	CORNER1	PY	-.001	-.001	0	0
5	CORNER2	PY	-.001	-.001	0	0
6	CORNER3	PY	-.001	-.001	0	0
7	FACE3,3	PY	-.000444	-.000444	0	0
8	FACE3,2	PY	-.000444	-.000444	0	0
9	FACE3,1	PY	-.000444	-.000444	0	0
10	FACE2,3	PY	-.000444	-.000444	0	0
11	FACE2,2	PY	-.000444	-.000444	0	0
12	FACE2,1	PY	-.000444	-.000444	0	0
13	FACE1,3	PY	-.000222	-.000222	0	0
14	FACE1,2	PY	-.000222	-.000222	0	0
15	FACE1,1	PY	-.000222	-.000222	0	0
16	GRATING SUPPORT1	PY	-.000465	-.000465	0	0
17	GRATING SUPPORT2	PY	-.000465	-.000465	0	0
18	GRATING SUPPORT3	PY	-.000465	-.000465	0	0
19	GRATING SUPPORT4	PY	-.000465	-.000465	0	0
20	GRATING SUPPORT5	PY	-.000465	-.000465	0	0
21	GRATING SUPPORT6	PY	-.000465	-.000465	0	0
22	KICKER1	PY	-.000931	-.000931	0	0
23	KICKER2	PY	-.000931	-.000931	0	0
24	KICKER3	PY	-.000931	-.000931	0	0
25	MP ALPHA1	PY	-.000531	-.000531	0	0
26	MP ALPHA2	PY	-.000531	-.000531	0	0
27	MP ALPHA3	PY	-.000531	-.000531	0	0
28	MP ALPHA4	PY	-.000531	-.000531	0	0
29	MP BETA1	PY	-.000531	-.000531	0	0
30	MP BETA2	PY	-.000531	-.000531	0	0
31	MP BETA3	PY	-.000531	-.000531	0	0
32	MP BETA4	PY	-.000531	-.000531	0	0
33	MP GAMMA1	PY	-.000531	-.000531	0	0
34	MP GAMMA2	PY	-.000531	-.000531	0	0
35	MP GAMMA3	PY	-.000531	-.000531	0	0
36	MP GAMMA4	PY	-.000531	-.000531	0	0
37	RAIL3	PY	-.000302	-.000302	0	0
38	RAIL2	PY	-.000302	-.000302	0	0
39	RAIL1	PY	-.000151	-.000151	0	0
40	SO SUPPORT1	PY	-.000465	-.000465	0	0
41	SO SUPPORT2	PY	-.000465	-.000465	0	0
42	SO SUPPORT3	PY	-.000465	-.000465	0	0
43	SO SUPPORT4	PY	-.000465	-.000465	0	0
44	SO SUPPORT5	PY	-.000465	-.000465	0	0
45	SO SUPPORT6	PY	-.000465	-.000465	0	0
46	STANDOFF1,1	PY	-.000349	-.000349	0	0
47	STANDOFF1,2	PY	-.000349	-.000349	0	0
48	STANDOFF2,1	PY	-.000349	-.000349	0	0
49	STANDOFF2,2	PY	-.000349	-.000349	0	0
50	STANDOFF3,1	PY	-.000349	-.000349	0	0
51	STANDOFF3,2	PY	-.000349	-.000349	0	0
52	SUPPORT1	PY	-.000465	-.000465	0	0
53	SUPPORT2	PY	-.000465	-.000465	0	0
54	SUPPORT3	PY	-.000465	-.000465	0	0
55	SUPPORT4	PY	-.000465	-.000465	0	0
56	SUPPORT5	PY	-.000465	-.000465	0	0
57	SUPPORT6	PY	-.000465	-.000465	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	-.000269	-.000269	0	0
59	ANGLE2	PX	-.000269	-.000269	0	0
60	ANGLE3	PX	-.000269	-.000269	0	0
61	CORNER1	PX	-.000645	-.000645	0	0
62	CORNER2	PX	-.000645	-.000645	0	0
63	CORNER3	PX	-.000645	-.000645	0	0
64	FACE3,3	PX	-.000257	-.000257	0	0
65	FACE3,2	PX	-.000257	-.000257	0	0
66	FACE3,1	PX	-.000257	-.000257	0	0
67	FACE2,3	PX	-.000257	-.000257	0	0
68	FACE2,2	PX	-.000257	-.000257	0	0
69	FACE2,1	PX	-.000257	-.000257	0	0
70	FACE1,3	PX	-.000128	-.000128	0	0
71	FACE1,2	PX	-.000128	-.000128	0	0
72	FACE1,1	PX	-.000128	-.000128	0	0
73	GRATING SUPPORT1	PX	-.000269	-.000269	0	0
74	GRATING SUPPORT2	PX	-.000269	-.000269	0	0
75	GRATING SUPPORT3	PX	-.000269	-.000269	0	0
76	GRATING SUPPORT4	PX	-.000269	-.000269	0	0
77	GRATING SUPPORT5	PX	-.000269	-.000269	0	0
78	GRATING SUPPORT6	PX	-.000269	-.000269	0	0
79	KICKER1	PX	-.000537	-.000537	0	0
80	KICKER2	PX	-.000537	-.000537	0	0
81	KICKER3	PX	-.000537	-.000537	0	0
82	MP ALPHA1	PX	-.000306	-.000306	0	0
83	MP ALPHA2	PX	-.000306	-.000306	0	0
84	MP ALPHA3	PX	-.000306	-.000306	0	0
85	MP ALPHA4	PX	-.000306	-.000306	0	0
86	MP BETA1	PX	-.000306	-.000306	0	0
87	MP BETA2	PX	-.000306	-.000306	0	0
88	MP BETA3	PX	-.000306	-.000306	0	0
89	MP BETA4	PX	-.000306	-.000306	0	0
90	MP GAMMA1	PX	-.000306	-.000306	0	0
91	MP GAMMA2	PX	-.000306	-.000306	0	0
92	MP GAMMA3	PX	-.000306	-.000306	0	0
93	MP GAMMA4	PX	-.000306	-.000306	0	0
94	RAIL3	PX	-.000174	-.000174	0	0
95	RAIL2	PX	-.000174	-.000174	0	0
96	RAIL1	PX	-8.7e-5	-8.7e-5	0	0
97	SO SUPPORT1	PX	-.000269	-.000269	0	0
98	SO SUPPORT2	PX	-.000269	-.000269	0	0
99	SO SUPPORT3	PX	-.000269	-.000269	0	0
100	SO SUPPORT4	PX	-.000269	-.000269	0	0
101	SO SUPPORT5	PX	-.000269	-.000269	0	0
102	SO SUPPORT6	PX	-.000269	-.000269	0	0
103	STANDOFF1,1	PX	-.000202	-.000202	0	0
104	STANDOFF1,2	PX	-.000202	-.000202	0	0
105	STANDOFF2,1	PX	-.000202	-.000202	0	0
106	STANDOFF2,2	PX	-.000202	-.000202	0	0
107	STANDOFF3,1	PX	-.000202	-.000202	0	0
108	STANDOFF3,2	PX	-.000202	-.000202	0	0
109	SUPPORT1	PX	-.000269	-.000269	0	0
110	SUPPORT2	PX	-.000269	-.000269	0	0
111	SUPPORT3	PX	-.000269	-.000269	0	0
112	SUPPORT4	PX	-.000269	-.000269	0	0
113	SUPPORT5	PX	-.000269	-.000269	0	0
114	SUPPORT6	PX	-.000269	-.000269	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.000269	-.000269	0	0
2	ANGLE2	PY	-.000269	-.000269	0	0
3	ANGLE3	PY	-.000269	-.000269	0	0
4	CORNER1	PY	-.000645	-.000645	0	0
5	CORNER2	PY	-.000645	-.000645	0	0
6	CORNER3	PY	-.000645	-.000645	0	0
7	FACE3,3	PY	-.000257	-.000257	0	0
8	FACE3,2	PY	-.000257	-.000257	0	0
9	FACE3,1	PY	-.000257	-.000257	0	0
10	FACE2,3	PY	-.000257	-.000257	0	0
11	FACE2,2	PY	-.000257	-.000257	0	0
12	FACE2,1	PY	-.000257	-.000257	0	0
13	FACE1,3	PY	-.000128	-.000128	0	0
14	FACE1,2	PY	-.000128	-.000128	0	0
15	FACE1,1	PY	-.000128	-.000128	0	0
16	GRATING SUPPORT1	PY	-.000269	-.000269	0	0
17	GRATING SUPPORT2	PY	-.000269	-.000269	0	0
18	GRATING SUPPORT3	PY	-.000269	-.000269	0	0
19	GRATING SUPPORT4	PY	-.000269	-.000269	0	0
20	GRATING SUPPORT5	PY	-.000269	-.000269	0	0
21	GRATING SUPPORT6	PY	-.000269	-.000269	0	0
22	KICKER1	PY	-.000537	-.000537	0	0
23	KICKER2	PY	-.000537	-.000537	0	0
24	KICKER3	PY	-.000537	-.000537	0	0
25	MP ALPHA1	PY	-.000306	-.000306	0	0
26	MP ALPHA2	PY	-.000306	-.000306	0	0
27	MP ALPHA3	PY	-.000306	-.000306	0	0
28	MP ALPHA4	PY	-.000306	-.000306	0	0
29	MP BETA1	PY	-.000306	-.000306	0	0
30	MP BETA2	PY	-.000306	-.000306	0	0
31	MP BETA3	PY	-.000306	-.000306	0	0
32	MP BETA4	PY	-.000306	-.000306	0	0
33	MP GAMMA1	PY	-.000306	-.000306	0	0
34	MP GAMMA2	PY	-.000306	-.000306	0	0
35	MP GAMMA3	PY	-.000306	-.000306	0	0
36	MP GAMMA4	PY	-.000306	-.000306	0	0
37	RAIL3	PY	-.000174	-.000174	0	0
38	RAIL2	PY	-.000174	-.000174	0	0
39	RAIL1	PY	-8.7e-5	-8.7e-5	0	0
40	SO SUPPORT1	PY	-.000269	-.000269	0	0
41	SO SUPPORT2	PY	-.000269	-.000269	0	0
42	SO SUPPORT3	PY	-.000269	-.000269	0	0
43	SO SUPPORT4	PY	-.000269	-.000269	0	0
44	SO SUPPORT5	PY	-.000269	-.000269	0	0
45	SO SUPPORT6	PY	-.000269	-.000269	0	0
46	STANDOFF1,1	PY	-.000202	-.000202	0	0
47	STANDOFF1,2	PY	-.000202	-.000202	0	0
48	STANDOFF2,1	PY	-.000202	-.000202	0	0
49	STANDOFF2,2	PY	-.000202	-.000202	0	0
50	STANDOFF3,1	PY	-.000202	-.000202	0	0
51	STANDOFF3,2	PY	-.000202	-.000202	0	0
52	SUPPORT1	PY	-.000269	-.000269	0	0
53	SUPPORT2	PY	-.000269	-.000269	0	0
54	SUPPORT3	PY	-.000269	-.000269	0	0
55	SUPPORT4	PY	-.000269	-.000269	0	0
56	SUPPORT5	PY	-.000269	-.000269	0	0
57	SUPPORT6	PY	-.000269	-.000269	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	-.000465	-.000465	0	0
59	ANGLE2	PX	-.000465	-.000465	0	0
60	ANGLE3	PX	-.000465	-.000465	0	0
61	CORNER1	PX	-.001	-.001	0	0
62	CORNER2	PX	-.001	-.001	0	0
63	CORNER3	PX	-.001	-.001	0	0
64	FACE3,3	PX	-.000444	-.000444	0	0
65	FACE3,2	PX	-.000444	-.000444	0	0
66	FACE3,1	PX	-.000444	-.000444	0	0
67	FACE2,3	PX	-.000444	-.000444	0	0
68	FACE2,2	PX	-.000444	-.000444	0	0
69	FACE2,1	PX	-.000444	-.000444	0	0
70	FACE1,3	PX	-.000222	-.000222	0	0
71	FACE1,2	PX	-.000222	-.000222	0	0
72	FACE1,1	PX	-.000222	-.000222	0	0
73	GRATING SUPPORT1	PX	-.000465	-.000465	0	0
74	GRATING SUPPORT2	PX	-.000465	-.000465	0	0
75	GRATING SUPPORT3	PX	-.000465	-.000465	0	0
76	GRATING SUPPORT4	PX	-.000465	-.000465	0	0
77	GRATING SUPPORT5	PX	-.000465	-.000465	0	0
78	GRATING SUPPORT6	PX	-.000465	-.000465	0	0
79	KICKER1	PX	-.000931	-.000931	0	0
80	KICKER2	PX	-.000931	-.000931	0	0
81	KICKER3	PX	-.000931	-.000931	0	0
82	MP ALPHA1	PX	-.000531	-.000531	0	0
83	MP ALPHA2	PX	-.000531	-.000531	0	0
84	MP ALPHA3	PX	-.000531	-.000531	0	0
85	MP ALPHA4	PX	-.000531	-.000531	0	0
86	MP BETA1	PX	-.000531	-.000531	0	0
87	MP BETA2	PX	-.000531	-.000531	0	0
88	MP BETA3	PX	-.000531	-.000531	0	0
89	MP BETA4	PX	-.000531	-.000531	0	0
90	MP GAMMA1	PX	-.000531	-.000531	0	0
91	MP GAMMA2	PX	-.000531	-.000531	0	0
92	MP GAMMA3	PX	-.000531	-.000531	0	0
93	MP GAMMA4	PX	-.000531	-.000531	0	0
94	RAIL3	PX	-.000302	-.000302	0	0
95	RAIL2	PX	-.000302	-.000302	0	0
96	RAIL1	PX	-.000151	-.000151	0	0
97	SO SUPPORT1	PX	-.000465	-.000465	0	0
98	SO SUPPORT2	PX	-.000465	-.000465	0	0
99	SO SUPPORT3	PX	-.000465	-.000465	0	0
100	SO SUPPORT4	PX	-.000465	-.000465	0	0
101	SO SUPPORT5	PX	-.000465	-.000465	0	0
102	SO SUPPORT6	PX	-.000465	-.000465	0	0
103	STANDOFF1,1	PX	-.000349	-.000349	0	0
104	STANDOFF1,2	PX	-.000349	-.000349	0	0
105	STANDOFF2,1	PX	-.000349	-.000349	0	0
106	STANDOFF2,2	PX	-.000349	-.000349	0	0
107	STANDOFF3,1	PX	-.000349	-.000349	0	0
108	STANDOFF3,2	PX	-.000349	-.000349	0	0
109	SUPPORT1	PX	-.000465	-.000465	0	0
110	SUPPORT2	PX	-.000465	-.000465	0	0
111	SUPPORT3	PX	-.000465	-.000465	0	0
112	SUPPORT4	PX	-.000465	-.000465	0	0
113	SUPPORT5	PX	-.000465	-.000465	0	0
114	SUPPORT6	PX	-.000465	-.000465	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PX	-.000537	-.000537	0	0
2	ANGLE2	PX	-.000537	-.000537	0	0
3	ANGLE3	PX	-.000537	-.000537	0	0
4	CORNER1	PX	-.001	-.001	0	0
5	CORNER2	PX	-.001	-.001	0	0
6	CORNER3	PX	-.001	-.001	0	0
7	FACE1,1	PX	-.000513	-.000513	0	0
8	FACE1,2	PX	-.000513	-.000513	0	0
9	FACE1,3	PX	-.000513	-.000513	0	0
10	FACE3,3	PX	-.000513	-.000513	0	0
11	FACE3,2	PX	-.000513	-.000513	0	0
12	FACE3,1	PX	-.000513	-.000513	0	0
13	FACE2,3	PX	-.000257	-.000257	0	0
14	FACE2,2	PX	-.000257	-.000257	0	0
15	FACE2,1	PX	-.000257	-.000257	0	0
16	GRATING SUPPORT1	PX	-.000537	-.000537	0	0
17	GRATING SUPPORT2	PX	-.000537	-.000537	0	0
18	GRATING SUPPORT3	PX	-.000537	-.000537	0	0
19	GRATING SUPPORT4	PX	-.000537	-.000537	0	0
20	GRATING SUPPORT5	PX	-.000537	-.000537	0	0
21	GRATING SUPPORT6	PX	-.000537	-.000537	0	0
22	KICKER1	PX	-.001	-.001	0	0
23	KICKER2	PX	-.001	-.001	0	0
24	KICKER3	PX	-.001	-.001	0	0
25	MP ALPHA1	PX	-.000613	-.000613	0	0
26	MP ALPHA2	PX	-.000613	-.000613	0	0
27	MP ALPHA3	PX	-.000613	-.000613	0	0
28	MP ALPHA4	PX	-.000613	-.000613	0	0
29	MP BETA1	PX	-.000613	-.000613	0	0
30	MP BETA2	PX	-.000613	-.000613	0	0
31	MP BETA3	PX	-.000613	-.000613	0	0
32	MP BETA4	PX	-.000613	-.000613	0	0
33	MP GAMMA1	PX	-.000613	-.000613	0	0
34	MP GAMMA2	PX	-.000613	-.000613	0	0
35	MP GAMMA3	PX	-.000613	-.000613	0	0
36	MP GAMMA4	PX	-.000613	-.000613	0	0
37	RAIL1	PX	-.000348	-.000348	0	0
38	RAIL3	PX	-.000348	-.000348	0	0
39	RAIL2	PX	-.000174	-.000174	0	0
40	SO SUPPORT1	PX	-.000537	-.000537	0	0
41	SO SUPPORT2	PX	-.000537	-.000537	0	0
42	SO SUPPORT3	PX	-.000537	-.000537	0	0
43	SO SUPPORT4	PX	-.000537	-.000537	0	0
44	SO SUPPORT5	PX	-.000537	-.000537	0	0
45	SO SUPPORT6	PX	-.000537	-.000537	0	0
46	STANDOFF1,1	PX	-.000403	-.000403	0	0
47	STANDOFF1,2	PX	-.000403	-.000403	0	0
48	STANDOFF2,1	PX	-.000403	-.000403	0	0
49	STANDOFF2,2	PX	-.000403	-.000403	0	0
50	STANDOFF3,1	PX	-.000403	-.000403	0	0
51	STANDOFF3,2	PX	-.000403	-.000403	0	0
52	SUPPORT1	PX	-.000537	-.000537	0	0
53	SUPPORT2	PX	-.000537	-.000537	0	0
54	SUPPORT3	PX	-.000537	-.000537	0	0
55	SUPPORT4	PX	-.000537	-.000537	0	0
56	SUPPORT5	PX	-.000537	-.000537	0	0
57	SUPPORT6	PX	-.000537	-.000537	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.000269	.000269	0	0
2	ANGLE2	PY	.000269	.000269	0	0
3	ANGLE3	PY	.000269	.000269	0	0
4	CORNER1	PY	.000645	.000645	0	0
5	CORNER2	PY	.000645	.000645	0	0
6	CORNER3	PY	.000645	.000645	0	0
7	FACE1,1	PY	.000257	.000257	0	0
8	FACE1,2	PY	.000257	.000257	0	0
9	FACE1,3	PY	.000257	.000257	0	0
10	FACE3,3	PY	.000257	.000257	0	0
11	FACE3,2	PY	.000257	.000257	0	0
12	FACE3,1	PY	.000257	.000257	0	0
13	FACE2,3	PY	.000128	.000128	0	0
14	FACE2,2	PY	.000128	.000128	0	0
15	FACE2,1	PY	.000128	.000128	0	0
16	GRATING SUPPORT1	PY	.000269	.000269	0	0
17	GRATING SUPPORT2	PY	.000269	.000269	0	0
18	GRATING SUPPORT3	PY	.000269	.000269	0	0
19	GRATING SUPPORT4	PY	.000269	.000269	0	0
20	GRATING SUPPORT5	PY	.000269	.000269	0	0
21	GRATING SUPPORT6	PY	.000269	.000269	0	0
22	KICKER1	PY	.000537	.000537	0	0
23	KICKER2	PY	.000537	.000537	0	0
24	KICKER3	PY	.000537	.000537	0	0
25	MP ALPHA1	PY	.000306	.000306	0	0
26	MP ALPHA2	PY	.000306	.000306	0	0
27	MP ALPHA3	PY	.000306	.000306	0	0
28	MP ALPHA4	PY	.000306	.000306	0	0
29	MP BETA1	PY	.000306	.000306	0	0
30	MP BETA2	PY	.000306	.000306	0	0
31	MP BETA3	PY	.000306	.000306	0	0
32	MP BETA4	PY	.000306	.000306	0	0
33	MP GAMMA1	PY	.000306	.000306	0	0
34	MP GAMMA2	PY	.000306	.000306	0	0
35	MP GAMMA3	PY	.000306	.000306	0	0
36	MP GAMMA4	PY	.000306	.000306	0	0
37	RAIL1	PY	.000174	.000174	0	0
38	RAIL3	PY	.000174	.000174	0	0
39	RAIL2	PY	8.7e-5	8.7e-5	0	0
40	SO SUPPORT1	PY	.000269	.000269	0	0
41	SO SUPPORT2	PY	.000269	.000269	0	0
42	SO SUPPORT3	PY	.000269	.000269	0	0
43	SO SUPPORT4	PY	.000269	.000269	0	0
44	SO SUPPORT5	PY	.000269	.000269	0	0
45	SO SUPPORT6	PY	.000269	.000269	0	0
46	STANDOFF1,1	PY	.000202	.000202	0	0
47	STANDOFF1,2	PY	.000202	.000202	0	0
48	STANDOFF2,1	PY	.000202	.000202	0	0
49	STANDOFF2,2	PY	.000202	.000202	0	0
50	STANDOFF3,1	PY	.000202	.000202	0	0
51	STANDOFF3,2	PY	.000202	.000202	0	0
52	SUPPORT1	PY	.000269	.000269	0	0
53	SUPPORT2	PY	.000269	.000269	0	0
54	SUPPORT3	PY	.000269	.000269	0	0
55	SUPPORT4	PY	.000269	.000269	0	0
56	SUPPORT5	PY	.000269	.000269	0	0
57	SUPPORT6	PY	.000269	.000269	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	-.000465	-.000465	0	0
59	ANGLE2	PX	-.000465	-.000465	0	0
60	ANGLE3	PX	-.000465	-.000465	0	0
61	CORNER1	PX	-.001	-.001	0	0
62	CORNER2	PX	-.001	-.001	0	0
63	CORNER3	PX	-.001	-.001	0	0
64	FACE1,1	PX	-.000444	-.000444	0	0
65	FACE1,2	PX	-.000444	-.000444	0	0
66	FACE1,3	PX	-.000444	-.000444	0	0
67	FACE3,3	PX	-.000444	-.000444	0	0
68	FACE3,2	PX	-.000444	-.000444	0	0
69	FACE3,1	PX	-.000444	-.000444	0	0
70	FACE2,3	PX	-.000222	-.000222	0	0
71	FACE2,2	PX	-.000222	-.000222	0	0
72	FACE2,1	PX	-.000222	-.000222	0	0
73	GRATING SUPPORT1	PX	-.000465	-.000465	0	0
74	GRATING SUPPORT2	PX	-.000465	-.000465	0	0
75	GRATING SUPPORT3	PX	-.000465	-.000465	0	0
76	GRATING SUPPORT4	PX	-.000465	-.000465	0	0
77	GRATING SUPPORT5	PX	-.000465	-.000465	0	0
78	GRATING SUPPORT6	PX	-.000465	-.000465	0	0
79	KICKER1	PX	-.000931	-.000931	0	0
80	KICKER2	PX	-.000931	-.000931	0	0
81	KICKER3	PX	-.000931	-.000931	0	0
82	MP ALPHA1	PX	-.000531	-.000531	0	0
83	MP ALPHA2	PX	-.000531	-.000531	0	0
84	MP ALPHA3	PX	-.000531	-.000531	0	0
85	MP ALPHA4	PX	-.000531	-.000531	0	0
86	MP BETA1	PX	-.000531	-.000531	0	0
87	MP BETA2	PX	-.000531	-.000531	0	0
88	MP BETA3	PX	-.000531	-.000531	0	0
89	MP BETA4	PX	-.000531	-.000531	0	0
90	MP GAMMA1	PX	-.000531	-.000531	0	0
91	MP GAMMA2	PX	-.000531	-.000531	0	0
92	MP GAMMA3	PX	-.000531	-.000531	0	0
93	MP GAMMA4	PX	-.000531	-.000531	0	0
94	RAIL1	PX	-.000302	-.000302	0	0
95	RAIL3	PX	-.000302	-.000302	0	0
96	RAIL2	PX	-.000151	-.000151	0	0
97	SO SUPPORT1	PX	-.000465	-.000465	0	0
98	SO SUPPORT2	PX	-.000465	-.000465	0	0
99	SO SUPPORT3	PX	-.000465	-.000465	0	0
100	SO SUPPORT4	PX	-.000465	-.000465	0	0
101	SO SUPPORT5	PX	-.000465	-.000465	0	0
102	SO SUPPORT6	PX	-.000465	-.000465	0	0
103	STANDOFF1,1	PX	-.000349	-.000349	0	0
104	STANDOFF1,2	PX	-.000349	-.000349	0	0
105	STANDOFF2,1	PX	-.000349	-.000349	0	0
106	STANDOFF2,2	PX	-.000349	-.000349	0	0
107	STANDOFF3,1	PX	-.000349	-.000349	0	0
108	STANDOFF3,2	PX	-.000349	-.000349	0	0
109	SUPPORT1	PX	-.000465	-.000465	0	0
110	SUPPORT2	PX	-.000465	-.000465	0	0
111	SUPPORT3	PX	-.000465	-.000465	0	0
112	SUPPORT4	PX	-.000465	-.000465	0	0
113	SUPPORT5	PX	-.000465	-.000465	0	0
114	SUPPORT6	PX	-.000465	-.000465	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.000465	.000465	0	0
2	ANGLE2	PY	.000465	.000465	0	0
3	ANGLE3	PY	.000465	.000465	0	0
4	CORNER1	PY	.001	.001	0	0
5	CORNER2	PY	.001	.001	0	0
6	CORNER3	PY	.001	.001	0	0
7	FACE1,1	PY	.000444	.000444	0	0
8	FACE1,2	PY	.000444	.000444	0	0
9	FACE1,3	PY	.000444	.000444	0	0
10	FACE3,3	PY	.000444	.000444	0	0
11	FACE3,2	PY	.000444	.000444	0	0
12	FACE3,1	PY	.000444	.000444	0	0
13	FACE2,3	PY	.000222	.000222	0	0
14	FACE2,2	PY	.000222	.000222	0	0
15	FACE2,1	PY	.000222	.000222	0	0
16	GRATING SUPPORT1	PY	.000465	.000465	0	0
17	GRATING SUPPORT2	PY	.000465	.000465	0	0
18	GRATING SUPPORT3	PY	.000465	.000465	0	0
19	GRATING SUPPORT4	PY	.000465	.000465	0	0
20	GRATING SUPPORT5	PY	.000465	.000465	0	0
21	GRATING SUPPORT6	PY	.000465	.000465	0	0
22	KICKER1	PY	.000931	.000931	0	0
23	KICKER2	PY	.000931	.000931	0	0
24	KICKER3	PY	.000931	.000931	0	0
25	MP ALPHA1	PY	.000531	.000531	0	0
26	MP ALPHA2	PY	.000531	.000531	0	0
27	MP ALPHA3	PY	.000531	.000531	0	0
28	MP ALPHA4	PY	.000531	.000531	0	0
29	MP BETA1	PY	.000531	.000531	0	0
30	MP BETA2	PY	.000531	.000531	0	0
31	MP BETA3	PY	.000531	.000531	0	0
32	MP BETA4	PY	.000531	.000531	0	0
33	MP GAMMA1	PY	.000531	.000531	0	0
34	MP GAMMA2	PY	.000531	.000531	0	0
35	MP GAMMA3	PY	.000531	.000531	0	0
36	MP GAMMA4	PY	.000531	.000531	0	0
37	RAIL1	PY	.000302	.000302	0	0
38	RAIL3	PY	.000302	.000302	0	0
39	RAIL2	PY	.000151	.000151	0	0
40	SO SUPPORT1	PY	.000465	.000465	0	0
41	SO SUPPORT2	PY	.000465	.000465	0	0
42	SO SUPPORT3	PY	.000465	.000465	0	0
43	SO SUPPORT4	PY	.000465	.000465	0	0
44	SO SUPPORT5	PY	.000465	.000465	0	0
45	SO SUPPORT6	PY	.000465	.000465	0	0
46	STANDOFF1,1	PY	.000349	.000349	0	0
47	STANDOFF1,2	PY	.000349	.000349	0	0
48	STANDOFF2,1	PY	.000349	.000349	0	0
49	STANDOFF2,2	PY	.000349	.000349	0	0
50	STANDOFF3,1	PY	.000349	.000349	0	0
51	STANDOFF3,2	PY	.000349	.000349	0	0
52	SUPPORT1	PY	.000465	.000465	0	0
53	SUPPORT2	PY	.000465	.000465	0	0
54	SUPPORT3	PY	.000465	.000465	0	0
55	SUPPORT4	PY	.000465	.000465	0	0
56	SUPPORT5	PY	.000465	.000465	0	0
57	SUPPORT6	PY	.000465	.000465	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	-.000269	-.000269	0	0
59	ANGLE2	PX	-.000269	-.000269	0	0
60	ANGLE3	PX	-.000269	-.000269	0	0
61	CORNER1	PX	-.000645	-.000645	0	0
62	CORNER2	PX	-.000645	-.000645	0	0
63	CORNER3	PX	-.000645	-.000645	0	0
64	FACE1,1	PX	-.000257	-.000257	0	0
65	FACE1,2	PX	-.000257	-.000257	0	0
66	FACE1,3	PX	-.000257	-.000257	0	0
67	FACE3,3	PX	-.000257	-.000257	0	0
68	FACE3,2	PX	-.000257	-.000257	0	0
69	FACE3,1	PX	-.000257	-.000257	0	0
70	FACE2,3	PX	-.000128	-.000128	0	0
71	FACE2,2	PX	-.000128	-.000128	0	0
72	FACE2,1	PX	-.000128	-.000128	0	0
73	GRATING SUPPORT1	PX	-.000269	-.000269	0	0
74	GRATING SUPPORT2	PX	-.000269	-.000269	0	0
75	GRATING SUPPORT3	PX	-.000269	-.000269	0	0
76	GRATING SUPPORT4	PX	-.000269	-.000269	0	0
77	GRATING SUPPORT5	PX	-.000269	-.000269	0	0
78	GRATING SUPPORT6	PX	-.000269	-.000269	0	0
79	KICKER1	PX	-.000537	-.000537	0	0
80	KICKER2	PX	-.000537	-.000537	0	0
81	KICKER3	PX	-.000537	-.000537	0	0
82	MP ALPHA1	PX	-.000306	-.000306	0	0
83	MP ALPHA2	PX	-.000306	-.000306	0	0
84	MP ALPHA3	PX	-.000306	-.000306	0	0
85	MP ALPHA4	PX	-.000306	-.000306	0	0
86	MP BETA1	PX	-.000306	-.000306	0	0
87	MP BETA2	PX	-.000306	-.000306	0	0
88	MP BETA3	PX	-.000306	-.000306	0	0
89	MP BETA4	PX	-.000306	-.000306	0	0
90	MP GAMMA1	PX	-.000306	-.000306	0	0
91	MP GAMMA2	PX	-.000306	-.000306	0	0
92	MP GAMMA3	PX	-.000306	-.000306	0	0
93	MP GAMMA4	PX	-.000306	-.000306	0	0
94	RAIL1	PX	-.000174	-.000174	0	0
95	RAIL3	PX	-.000174	-.000174	0	0
96	RAIL2	PX	-8.7e-5	-8.7e-5	0	0
97	SO SUPPORT1	PX	-.000269	-.000269	0	0
98	SO SUPPORT2	PX	-.000269	-.000269	0	0
99	SO SUPPORT3	PX	-.000269	-.000269	0	0
100	SO SUPPORT4	PX	-.000269	-.000269	0	0
101	SO SUPPORT5	PX	-.000269	-.000269	0	0
102	SO SUPPORT6	PX	-.000269	-.000269	0	0
103	STANDOFF1,1	PX	-.000202	-.000202	0	0
104	STANDOFF1,2	PX	-.000202	-.000202	0	0
105	STANDOFF2,1	PX	-.000202	-.000202	0	0
106	STANDOFF2,2	PX	-.000202	-.000202	0	0
107	STANDOFF3,1	PX	-.000202	-.000202	0	0
108	STANDOFF3,2	PX	-.000202	-.000202	0	0
109	SUPPORT1	PX	-.000269	-.000269	0	0
110	SUPPORT2	PX	-.000269	-.000269	0	0
111	SUPPORT3	PX	-.000269	-.000269	0	0
112	SUPPORT4	PX	-.000269	-.000269	0	0
113	SUPPORT5	PX	-.000269	-.000269	0	0
114	SUPPORT6	PX	-.000269	-.000269	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.000537	.000537	0	0
2	ANGLE2	PY	.000537	.000537	0	0
3	ANGLE3	PY	.000537	.000537	0	0
4	CORNER1	PY	.001	.001	0	0
5	CORNER2	PY	.001	.001	0	0
6	CORNER3	PY	.001	.001	0	0
7	FACE1,1	PY	.000513	.000513	0	0
8	FACE1,2	PY	.000513	.000513	0	0
9	FACE1,3	PY	.000513	.000513	0	0
10	FACE3,3	PY	.000513	.000513	0	0
11	FACE3,2	PY	.000513	.000513	0	0
12	FACE3,1	PY	.000513	.000513	0	0
13	FACE2,3	PY	.000257	.000257	0	0
14	FACE2,2	PY	.000257	.000257	0	0
15	FACE2,1	PY	.000257	.000257	0	0
16	GRATING SUPPORT1	PY	.000537	.000537	0	0
17	GRATING SUPPORT2	PY	.000537	.000537	0	0
18	GRATING SUPPORT3	PY	.000537	.000537	0	0
19	GRATING SUPPORT4	PY	.000537	.000537	0	0
20	GRATING SUPPORT5	PY	.000537	.000537	0	0
21	GRATING SUPPORT6	PY	.000537	.000537	0	0
22	KICKER1	PY	.001	.001	0	0
23	KICKER2	PY	.001	.001	0	0
24	KICKER3	PY	.001	.001	0	0
25	MP ALPHA1	PY	.000613	.000613	0	0
26	MP ALPHA2	PY	.000613	.000613	0	0
27	MP ALPHA3	PY	.000613	.000613	0	0
28	MP ALPHA4	PY	.000613	.000613	0	0
29	MP BETA1	PY	.000613	.000613	0	0
30	MP BETA2	PY	.000613	.000613	0	0
31	MP BETA3	PY	.000613	.000613	0	0
32	MP BETA4	PY	.000613	.000613	0	0
33	MP GAMMA1	PY	.000613	.000613	0	0
34	MP GAMMA2	PY	.000613	.000613	0	0
35	MP GAMMA3	PY	.000613	.000613	0	0
36	MP GAMMA4	PY	.000613	.000613	0	0
37	RAIL1	PY	.000348	.000348	0	0
38	RAIL3	PY	.000348	.000348	0	0
39	RAIL2	PY	.000174	.000174	0	0
40	SO SUPPORT1	PY	.000537	.000537	0	0
41	SO SUPPORT2	PY	.000537	.000537	0	0
42	SO SUPPORT3	PY	.000537	.000537	0	0
43	SO SUPPORT4	PY	.000537	.000537	0	0
44	SO SUPPORT5	PY	.000537	.000537	0	0
45	SO SUPPORT6	PY	.000537	.000537	0	0
46	STANDOFF1,1	PY	.000403	.000403	0	0
47	STANDOFF1,2	PY	.000403	.000403	0	0
48	STANDOFF2,1	PY	.000403	.000403	0	0
49	STANDOFF2,2	PY	.000403	.000403	0	0
50	STANDOFF3,1	PY	.000403	.000403	0	0
51	STANDOFF3,2	PY	.000403	.000403	0	0
52	SUPPORT1	PY	.000537	.000537	0	0
53	SUPPORT2	PY	.000537	.000537	0	0
54	SUPPORT3	PY	.000537	.000537	0	0
55	SUPPORT4	PY	.000537	.000537	0	0
56	SUPPORT5	PY	.000537	.000537	0	0
57	SUPPORT6	PY	.000537	.000537	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.000465	.000465	0	0
2	ANGLE2	PY	.000465	.000465	0	0
3	ANGLE3	PY	.000465	.000465	0	0
4	CORNER1	PY	.001	.001	0	0
5	CORNER2	PY	.001	.001	0	0
6	CORNER3	PY	.001	.001	0	0
7	FACE1,1	PY	.000444	.000444	0	0
8	FACE1,2	PY	.000444	.000444	0	0
9	FACE1,3	PY	.000444	.000444	0	0
10	FACE2,1	PY	.000444	.000444	0	0
11	FACE2,2	PY	.000444	.000444	0	0
12	FACE2,3	PY	.000444	.000444	0	0
13	FACE3,1	PY	.000222	.000222	0	0
14	FACE3,2	PY	.000222	.000222	0	0
15	FACE3,3	PY	.000222	.000222	0	0
16	GRATING SUPPORT1	PY	.000465	.000465	0	0
17	GRATING SUPPORT2	PY	.000465	.000465	0	0
18	GRATING SUPPORT3	PY	.000465	.000465	0	0
19	GRATING SUPPORT4	PY	.000465	.000465	0	0
20	GRATING SUPPORT5	PY	.000465	.000465	0	0
21	GRATING SUPPORT6	PY	.000465	.000465	0	0
22	KICKER1	PY	.000931	.000931	0	0
23	KICKER2	PY	.000931	.000931	0	0
24	KICKER3	PY	.000931	.000931	0	0
25	MP ALPHA1	PY	.000531	.000531	0	0
26	MP ALPHA2	PY	.000531	.000531	0	0
27	MP ALPHA3	PY	.000531	.000531	0	0
28	MP ALPHA4	PY	.000531	.000531	0	0
29	MP BETA1	PY	.000531	.000531	0	0
30	MP BETA2	PY	.000531	.000531	0	0
31	MP BETA3	PY	.000531	.000531	0	0
32	MP BETA4	PY	.000531	.000531	0	0
33	MP GAMMA1	PY	.000531	.000531	0	0
34	MP GAMMA2	PY	.000531	.000531	0	0
35	MP GAMMA3	PY	.000531	.000531	0	0
36	MP GAMMA4	PY	.000531	.000531	0	0
37	RAIL1	PY	.000302	.000302	0	0
38	RAIL2	PY	.000302	.000302	0	0
39	RAIL3	PY	.000151	.000151	0	0
40	SO SUPPORT1	PY	.000465	.000465	0	0
41	SO SUPPORT2	PY	.000465	.000465	0	0
42	SO SUPPORT3	PY	.000465	.000465	0	0
43	SO SUPPORT4	PY	.000465	.000465	0	0
44	SO SUPPORT5	PY	.000465	.000465	0	0
45	SO SUPPORT6	PY	.000465	.000465	0	0
46	STANDOFF1,1	PY	.000349	.000349	0	0
47	STANDOFF1,2	PY	.000349	.000349	0	0
48	STANDOFF2,1	PY	.000349	.000349	0	0
49	STANDOFF2,2	PY	.000349	.000349	0	0
50	STANDOFF3,1	PY	.000349	.000349	0	0
51	STANDOFF3,2	PY	.000349	.000349	0	0
52	SUPPORT1	PY	.000465	.000465	0	0
53	SUPPORT2	PY	.000465	.000465	0	0
54	SUPPORT3	PY	.000465	.000465	0	0
55	SUPPORT4	PY	.000465	.000465	0	0
56	SUPPORT5	PY	.000465	.000465	0	0
57	SUPPORT6	PY	.000465	.000465	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	.000269	.000269	0	0
59	ANGLE2	PX	.000269	.000269	0	0
60	ANGLE3	PX	.000269	.000269	0	0
61	CORNER1	PX	.000645	.000645	0	0
62	CORNER2	PX	.000645	.000645	0	0
63	CORNER3	PX	.000645	.000645	0	0
64	FACE1,1	PX	.000257	.000257	0	0
65	FACE1,2	PX	.000257	.000257	0	0
66	FACE1,3	PX	.000257	.000257	0	0
67	FACE2,1	PX	.000257	.000257	0	0
68	FACE2,2	PX	.000257	.000257	0	0
69	FACE2,3	PX	.000257	.000257	0	0
70	FACE3,1	PX	.000128	.000128	0	0
71	FACE3,2	PX	.000128	.000128	0	0
72	FACE3,3	PX	.000128	.000128	0	0
73	GRATING SUPPORT1	PX	.000269	.000269	0	0
74	GRATING SUPPORT2	PX	.000269	.000269	0	0
75	GRATING SUPPORT3	PX	.000269	.000269	0	0
76	GRATING SUPPORT4	PX	.000269	.000269	0	0
77	GRATING SUPPORT5	PX	.000269	.000269	0	0
78	GRATING SUPPORT6	PX	.000269	.000269	0	0
79	KICKER1	PX	.000537	.000537	0	0
80	KICKER2	PX	.000537	.000537	0	0
81	KICKER3	PX	.000537	.000537	0	0
82	MP ALPHA1	PX	.000306	.000306	0	0
83	MP ALPHA2	PX	.000306	.000306	0	0
84	MP ALPHA3	PX	.000306	.000306	0	0
85	MP ALPHA4	PX	.000306	.000306	0	0
86	MP BETA1	PX	.000306	.000306	0	0
87	MP BETA2	PX	.000306	.000306	0	0
88	MP BETA3	PX	.000306	.000306	0	0
89	MP BETA4	PX	.000306	.000306	0	0
90	MP GAMMA1	PX	.000306	.000306	0	0
91	MP GAMMA2	PX	.000306	.000306	0	0
92	MP GAMMA3	PX	.000306	.000306	0	0
93	MP GAMMA4	PX	.000306	.000306	0	0
94	RAIL1	PX	.000174	.000174	0	0
95	RAIL2	PX	.000174	.000174	0	0
96	RAIL3	PX	8.7e-5	8.7e-5	0	0
97	SO SUPPORT1	PX	.000269	.000269	0	0
98	SO SUPPORT2	PX	.000269	.000269	0	0
99	SO SUPPORT3	PX	.000269	.000269	0	0
100	SO SUPPORT4	PX	.000269	.000269	0	0
101	SO SUPPORT5	PX	.000269	.000269	0	0
102	SO SUPPORT6	PX	.000269	.000269	0	0
103	STANDOFF1,1	PX	.000202	.000202	0	0
104	STANDOFF1,2	PX	.000202	.000202	0	0
105	STANDOFF2,1	PX	.000202	.000202	0	0
106	STANDOFF2,2	PX	.000202	.000202	0	0
107	STANDOFF3,1	PX	.000202	.000202	0	0
108	STANDOFF3,2	PX	.000202	.000202	0	0
109	SUPPORT1	PX	.000269	.000269	0	0
110	SUPPORT2	PX	.000269	.000269	0	0
111	SUPPORT3	PX	.000269	.000269	0	0
112	SUPPORT4	PX	.000269	.000269	0	0
113	SUPPORT5	PX	.000269	.000269	0	0
114	SUPPORT6	PX	.000269	.000269	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.000269	.000269	0	0
2	ANGLE2	PY	.000269	.000269	0	0
3	ANGLE3	PY	.000269	.000269	0	0
4	CORNER1	PY	.000645	.000645	0	0
5	CORNER2	PY	.000645	.000645	0	0
6	CORNER3	PY	.000645	.000645	0	0
7	FACE1,1	PY	.000257	.000257	0	0
8	FACE1,2	PY	.000257	.000257	0	0
9	FACE1,3	PY	.000257	.000257	0	0
10	FACE2,1	PY	.000257	.000257	0	0
11	FACE2,2	PY	.000257	.000257	0	0
12	FACE2,3	PY	.000257	.000257	0	0
13	FACE3,1	PY	.000128	.000128	0	0
14	FACE3,2	PY	.000128	.000128	0	0
15	FACE3,3	PY	.000128	.000128	0	0
16	GRATING SUPPORT1	PY	.000269	.000269	0	0
17	GRATING SUPPORT2	PY	.000269	.000269	0	0
18	GRATING SUPPORT3	PY	.000269	.000269	0	0
19	GRATING SUPPORT4	PY	.000269	.000269	0	0
20	GRATING SUPPORT5	PY	.000269	.000269	0	0
21	GRATING SUPPORT6	PY	.000269	.000269	0	0
22	KICKER1	PY	.000537	.000537	0	0
23	KICKER2	PY	.000537	.000537	0	0
24	KICKER3	PY	.000537	.000537	0	0
25	MP ALPHA1	PY	.000306	.000306	0	0
26	MP ALPHA2	PY	.000306	.000306	0	0
27	MP ALPHA3	PY	.000306	.000306	0	0
28	MP ALPHA4	PY	.000306	.000306	0	0
29	MP BETA1	PY	.000306	.000306	0	0
30	MP BETA2	PY	.000306	.000306	0	0
31	MP BETA3	PY	.000306	.000306	0	0
32	MP BETA4	PY	.000306	.000306	0	0
33	MP GAMMA1	PY	.000306	.000306	0	0
34	MP GAMMA2	PY	.000306	.000306	0	0
35	MP GAMMA3	PY	.000306	.000306	0	0
36	MP GAMMA4	PY	.000306	.000306	0	0
37	RAIL1	PY	.000174	.000174	0	0
38	RAIL2	PY	.000174	.000174	0	0
39	RAIL3	PY	8.7e-5	8.7e-5	0	0
40	SO SUPPORT1	PY	.000269	.000269	0	0
41	SO SUPPORT2	PY	.000269	.000269	0	0
42	SO SUPPORT3	PY	.000269	.000269	0	0
43	SO SUPPORT4	PY	.000269	.000269	0	0
44	SO SUPPORT5	PY	.000269	.000269	0	0
45	SO SUPPORT6	PY	.000269	.000269	0	0
46	STANDOFF1,1	PY	.000202	.000202	0	0
47	STANDOFF1,2	PY	.000202	.000202	0	0
48	STANDOFF2,1	PY	.000202	.000202	0	0
49	STANDOFF2,2	PY	.000202	.000202	0	0
50	STANDOFF3,1	PY	.000202	.000202	0	0
51	STANDOFF3,2	PY	.000202	.000202	0	0
52	SUPPORT1	PY	.000269	.000269	0	0
53	SUPPORT2	PY	.000269	.000269	0	0
54	SUPPORT3	PY	.000269	.000269	0	0
55	SUPPORT4	PY	.000269	.000269	0	0
56	SUPPORT5	PY	.000269	.000269	0	0
57	SUPPORT6	PY	.000269	.000269	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	.000465	.000465	0	0
59	ANGLE2	PX	.000465	.000465	0	0
60	ANGLE3	PX	.000465	.000465	0	0
61	CORNER1	PX	.001	.001	0	0
62	CORNER2	PX	.001	.001	0	0
63	CORNER3	PX	.001	.001	0	0
64	FACE1,1	PX	.000444	.000444	0	0
65	FACE1,2	PX	.000444	.000444	0	0
66	FACE1,3	PX	.000444	.000444	0	0
67	FACE2,1	PX	.000444	.000444	0	0
68	FACE2,2	PX	.000444	.000444	0	0
69	FACE2,3	PX	.000444	.000444	0	0
70	FACE3,1	PX	.000222	.000222	0	0
71	FACE3,2	PX	.000222	.000222	0	0
72	FACE3,3	PX	.000222	.000222	0	0
73	GRATING SUPPORT1	PX	.000465	.000465	0	0
74	GRATING SUPPORT2	PX	.000465	.000465	0	0
75	GRATING SUPPORT3	PX	.000465	.000465	0	0
76	GRATING SUPPORT4	PX	.000465	.000465	0	0
77	GRATING SUPPORT5	PX	.000465	.000465	0	0
78	GRATING SUPPORT6	PX	.000465	.000465	0	0
79	KICKER1	PX	.000931	.000931	0	0
80	KICKER2	PX	.000931	.000931	0	0
81	KICKER3	PX	.000931	.000931	0	0
82	MP ALPHA1	PX	.000531	.000531	0	0
83	MP ALPHA2	PX	.000531	.000531	0	0
84	MP ALPHA3	PX	.000531	.000531	0	0
85	MP ALPHA4	PX	.000531	.000531	0	0
86	MP BETA1	PX	.000531	.000531	0	0
87	MP BETA2	PX	.000531	.000531	0	0
88	MP BETA3	PX	.000531	.000531	0	0
89	MP BETA4	PX	.000531	.000531	0	0
90	MP GAMMA1	PX	.000531	.000531	0	0
91	MP GAMMA2	PX	.000531	.000531	0	0
92	MP GAMMA3	PX	.000531	.000531	0	0
93	MP GAMMA4	PX	.000531	.000531	0	0
94	RAIL1	PX	.000302	.000302	0	0
95	RAIL2	PX	.000302	.000302	0	0
96	RAIL3	PX	.000151	.000151	0	0
97	SO SUPPORT1	PX	.000465	.000465	0	0
98	SO SUPPORT2	PX	.000465	.000465	0	0
99	SO SUPPORT3	PX	.000465	.000465	0	0
100	SO SUPPORT4	PX	.000465	.000465	0	0
101	SO SUPPORT5	PX	.000465	.000465	0	0
102	SO SUPPORT6	PX	.000465	.000465	0	0
103	STANDOFF1,1	PX	.000349	.000349	0	0
104	STANDOFF1,2	PX	.000349	.000349	0	0
105	STANDOFF2,1	PX	.000349	.000349	0	0
106	STANDOFF2,2	PX	.000349	.000349	0	0
107	STANDOFF3,1	PX	.000349	.000349	0	0
108	STANDOFF3,2	PX	.000349	.000349	0	0
109	SUPPORT1	PX	.000465	.000465	0	0
110	SUPPORT2	PX	.000465	.000465	0	0
111	SUPPORT3	PX	.000465	.000465	0	0
112	SUPPORT4	PX	.000465	.000465	0	0
113	SUPPORT5	PX	.000465	.000465	0	0
114	SUPPORT6	PX	.000465	.000465	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PX	.000537	.000537	0	0
2	ANGLE2	PX	.000537	.000537	0	0
3	ANGLE3	PX	.000537	.000537	0	0
4	CORNER1	PX	.001	.001	0	0
5	CORNER2	PX	.001	.001	0	0
6	CORNER3	PX	.001	.001	0	0
7	FACE1,1	PX	.000513	.000513	0	0
8	FACE1,2	PX	.000513	.000513	0	0
9	FACE1,3	PX	.000513	.000513	0	0
10	FACE2,1	PX	.000513	.000513	0	0
11	FACE2,2	PX	.000513	.000513	0	0
12	FACE2,3	PX	.000513	.000513	0	0
13	FACE3,1	PX	.000257	.000257	0	0
14	FACE3,2	PX	.000257	.000257	0	0
15	FACE3,3	PX	.000257	.000257	0	0
16	GRATING SUPPORT1	PX	.000537	.000537	0	0
17	GRATING SUPPORT2	PX	.000537	.000537	0	0
18	GRATING SUPPORT3	PX	.000537	.000537	0	0
19	GRATING SUPPORT4	PX	.000537	.000537	0	0
20	GRATING SUPPORT5	PX	.000537	.000537	0	0
21	GRATING SUPPORT6	PX	.000537	.000537	0	0
22	KICKER1	PX	.001	.001	0	0
23	KICKER2	PX	.001	.001	0	0
24	KICKER3	PX	.001	.001	0	0
25	MP ALPHA1	PX	.000613	.000613	0	0
26	MP ALPHA2	PX	.000613	.000613	0	0
27	MP ALPHA3	PX	.000613	.000613	0	0
28	MP ALPHA4	PX	.000613	.000613	0	0
29	MP BETA1	PX	.000613	.000613	0	0
30	MP BETA2	PX	.000613	.000613	0	0
31	MP BETA3	PX	.000613	.000613	0	0
32	MP BETA4	PX	.000613	.000613	0	0
33	MP GAMMA1	PX	.000613	.000613	0	0
34	MP GAMMA2	PX	.000613	.000613	0	0
35	MP GAMMA3	PX	.000613	.000613	0	0
36	MP GAMMA4	PX	.000613	.000613	0	0
37	RAIL1	PX	.000348	.000348	0	0
38	RAIL2	PX	.000348	.000348	0	0
39	RAIL3	PX	.000174	.000174	0	0
40	SO SUPPORT1	PX	.000537	.000537	0	0
41	SO SUPPORT2	PX	.000537	.000537	0	0
42	SO SUPPORT3	PX	.000537	.000537	0	0
43	SO SUPPORT4	PX	.000537	.000537	0	0
44	SO SUPPORT5	PX	.000537	.000537	0	0
45	SO SUPPORT6	PX	.000537	.000537	0	0
46	STANDOFF1,1	PX	.000403	.000403	0	0
47	STANDOFF1,2	PX	.000403	.000403	0	0
48	STANDOFF2,1	PX	.000403	.000403	0	0
49	STANDOFF2,2	PX	.000403	.000403	0	0
50	STANDOFF3,1	PX	.000403	.000403	0	0
51	STANDOFF3,2	PX	.000403	.000403	0	0
52	SUPPORT1	PX	.000537	.000537	0	0
53	SUPPORT2	PX	.000537	.000537	0	0
54	SUPPORT3	PX	.000537	.000537	0	0
55	SUPPORT4	PX	.000537	.000537	0	0
56	SUPPORT5	PX	.000537	.000537	0	0
57	SUPPORT6	PX	.000537	.000537	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.000269	-.000269	0	0
2	ANGLE2	PY	-.000269	-.000269	0	0
3	ANGLE3	PY	-.000269	-.000269	0	0
4	CORNER1	PY	-.000645	-.000645	0	0
5	CORNER2	PY	-.000645	-.000645	0	0
6	CORNER3	PY	-.000645	-.000645	0	0
7	FACE1,1	PY	-.000257	-.000257	0	0
8	FACE1,2	PY	-.000257	-.000257	0	0
9	FACE1,3	PY	-.000257	-.000257	0	0
10	FACE2,1	PY	-.000257	-.000257	0	0
11	FACE2,2	PY	-.000257	-.000257	0	0
12	FACE2,3	PY	-.000257	-.000257	0	0
13	FACE3,1	PY	-.000128	-.000128	0	0
14	FACE3,2	PY	-.000128	-.000128	0	0
15	FACE3,3	PY	-.000128	-.000128	0	0
16	GRATING SUPPORT1	PY	-.000269	-.000269	0	0
17	GRATING SUPPORT2	PY	-.000269	-.000269	0	0
18	GRATING SUPPORT3	PY	-.000269	-.000269	0	0
19	GRATING SUPPORT4	PY	-.000269	-.000269	0	0
20	GRATING SUPPORT5	PY	-.000269	-.000269	0	0
21	GRATING SUPPORT6	PY	-.000269	-.000269	0	0
22	KICKER1	PY	-.000537	-.000537	0	0
23	KICKER2	PY	-.000537	-.000537	0	0
24	KICKER3	PY	-.000537	-.000537	0	0
25	MP ALPHA1	PY	-.000306	-.000306	0	0
26	MP ALPHA2	PY	-.000306	-.000306	0	0
27	MP ALPHA3	PY	-.000306	-.000306	0	0
28	MP ALPHA4	PY	-.000306	-.000306	0	0
29	MP BETA1	PY	-.000306	-.000306	0	0
30	MP BETA2	PY	-.000306	-.000306	0	0
31	MP BETA3	PY	-.000306	-.000306	0	0
32	MP BETA4	PY	-.000306	-.000306	0	0
33	MP GAMMA1	PY	-.000306	-.000306	0	0
34	MP GAMMA2	PY	-.000306	-.000306	0	0
35	MP GAMMA3	PY	-.000306	-.000306	0	0
36	MP GAMMA4	PY	-.000306	-.000306	0	0
37	RAIL1	PY	-.000174	-.000174	0	0
38	RAIL2	PY	-.000174	-.000174	0	0
39	RAIL3	PY	-8.7e-5	-8.7e-5	0	0
40	SO SUPPORT1	PY	-.000269	-.000269	0	0
41	SO SUPPORT2	PY	-.000269	-.000269	0	0
42	SO SUPPORT3	PY	-.000269	-.000269	0	0
43	SO SUPPORT4	PY	-.000269	-.000269	0	0
44	SO SUPPORT5	PY	-.000269	-.000269	0	0
45	SO SUPPORT6	PY	-.000269	-.000269	0	0
46	STANDOFF1,1	PY	-.000202	-.000202	0	0
47	STANDOFF1,2	PY	-.000202	-.000202	0	0
48	STANDOFF2,1	PY	-.000202	-.000202	0	0
49	STANDOFF2,2	PY	-.000202	-.000202	0	0
50	STANDOFF3,1	PY	-.000202	-.000202	0	0
51	STANDOFF3,2	PY	-.000202	-.000202	0	0
52	SUPPORT1	PY	-.000269	-.000269	0	0
53	SUPPORT2	PY	-.000269	-.000269	0	0
54	SUPPORT3	PY	-.000269	-.000269	0	0
55	SUPPORT4	PY	-.000269	-.000269	0	0
56	SUPPORT5	PY	-.000269	-.000269	0	0
57	SUPPORT6	PY	-.000269	-.000269	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	.000465	.000465	0	0
59	ANGLE2	PX	.000465	.000465	0	0
60	ANGLE3	PX	.000465	.000465	0	0
61	CORNER1	PX	.001	.001	0	0
62	CORNER2	PX	.001	.001	0	0
63	CORNER3	PX	.001	.001	0	0
64	FACE1,1	PX	.000444	.000444	0	0
65	FACE1,2	PX	.000444	.000444	0	0
66	FACE1,3	PX	.000444	.000444	0	0
67	FACE2,1	PX	.000444	.000444	0	0
68	FACE2,2	PX	.000444	.000444	0	0
69	FACE2,3	PX	.000444	.000444	0	0
70	FACE3,1	PX	.000222	.000222	0	0
71	FACE3,2	PX	.000222	.000222	0	0
72	FACE3,3	PX	.000222	.000222	0	0
73	GRATING SUPPORT1	PX	.000465	.000465	0	0
74	GRATING SUPPORT2	PX	.000465	.000465	0	0
75	GRATING SUPPORT3	PX	.000465	.000465	0	0
76	GRATING SUPPORT4	PX	.000465	.000465	0	0
77	GRATING SUPPORT5	PX	.000465	.000465	0	0
78	GRATING SUPPORT6	PX	.000465	.000465	0	0
79	KICKER1	PX	.000931	.000931	0	0
80	KICKER2	PX	.000931	.000931	0	0
81	KICKER3	PX	.000931	.000931	0	0
82	MP ALPHA1	PX	.000531	.000531	0	0
83	MP ALPHA2	PX	.000531	.000531	0	0
84	MP ALPHA3	PX	.000531	.000531	0	0
85	MP ALPHA4	PX	.000531	.000531	0	0
86	MP BETA1	PX	.000531	.000531	0	0
87	MP BETA2	PX	.000531	.000531	0	0
88	MP BETA3	PX	.000531	.000531	0	0
89	MP BETA4	PX	.000531	.000531	0	0
90	MP GAMMA1	PX	.000531	.000531	0	0
91	MP GAMMA2	PX	.000531	.000531	0	0
92	MP GAMMA3	PX	.000531	.000531	0	0
93	MP GAMMA4	PX	.000531	.000531	0	0
94	RAIL1	PX	.000302	.000302	0	0
95	RAIL2	PX	.000302	.000302	0	0
96	RAIL3	PX	.000151	.000151	0	0
97	SO SUPPORT1	PX	.000465	.000465	0	0
98	SO SUPPORT2	PX	.000465	.000465	0	0
99	SO SUPPORT3	PX	.000465	.000465	0	0
100	SO SUPPORT4	PX	.000465	.000465	0	0
101	SO SUPPORT5	PX	.000465	.000465	0	0
102	SO SUPPORT6	PX	.000465	.000465	0	0
103	STANDOFF1,1	PX	.000349	.000349	0	0
104	STANDOFF1,2	PX	.000349	.000349	0	0
105	STANDOFF2,1	PX	.000349	.000349	0	0
106	STANDOFF2,2	PX	.000349	.000349	0	0
107	STANDOFF3,1	PX	.000349	.000349	0	0
108	STANDOFF3,2	PX	.000349	.000349	0	0
109	SUPPORT1	PX	.000465	.000465	0	0
110	SUPPORT2	PX	.000465	.000465	0	0
111	SUPPORT3	PX	.000465	.000465	0	0
112	SUPPORT4	PX	.000465	.000465	0	0
113	SUPPORT5	PX	.000465	.000465	0	0
114	SUPPORT6	PX	.000465	.000465	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.000465	-.000465	0	0
2	ANGLE2	PY	-.000465	-.000465	0	0
3	ANGLE3	PY	-.000465	-.000465	0	0
4	CORNER1	PY	-.001	-.001	0	0
5	CORNER2	PY	-.001	-.001	0	0
6	CORNER3	PY	-.001	-.001	0	0
7	FACE3,3	PY	-.000444	-.000444	0	0
8	FACE3,2	PY	-.000444	-.000444	0	0
9	FACE3,1	PY	-.000444	-.000444	0	0
10	FACE2,3	PY	-.000444	-.000444	0	0
11	FACE2,2	PY	-.000444	-.000444	0	0
12	FACE2,1	PY	-.000444	-.000444	0	0
13	FACE1,3	PY	-.000222	-.000222	0	0
14	FACE1,2	PY	-.000222	-.000222	0	0
15	FACE1,1	PY	-.000222	-.000222	0	0
16	GRATING SUPPORT1	PY	-.000465	-.000465	0	0
17	GRATING SUPPORT2	PY	-.000465	-.000465	0	0
18	GRATING SUPPORT3	PY	-.000465	-.000465	0	0
19	GRATING SUPPORT4	PY	-.000465	-.000465	0	0
20	GRATING SUPPORT5	PY	-.000465	-.000465	0	0
21	GRATING SUPPORT6	PY	-.000465	-.000465	0	0
22	KICKER1	PY	-.000931	-.000931	0	0
23	KICKER2	PY	-.000931	-.000931	0	0
24	KICKER3	PY	-.000931	-.000931	0	0
25	MP ALPHA1	PY	-.000531	-.000531	0	0
26	MP ALPHA2	PY	-.000531	-.000531	0	0
27	MP ALPHA3	PY	-.000531	-.000531	0	0
28	MP ALPHA4	PY	-.000531	-.000531	0	0
29	MP BETA1	PY	-.000531	-.000531	0	0
30	MP BETA2	PY	-.000531	-.000531	0	0
31	MP BETA3	PY	-.000531	-.000531	0	0
32	MP BETA4	PY	-.000531	-.000531	0	0
33	MP GAMMA1	PY	-.000531	-.000531	0	0
34	MP GAMMA2	PY	-.000531	-.000531	0	0
35	MP GAMMA3	PY	-.000531	-.000531	0	0
36	MP GAMMA4	PY	-.000531	-.000531	0	0
37	RAIL3	PY	-.000302	-.000302	0	0
38	RAIL2	PY	-.000302	-.000302	0	0
39	RAIL1	PY	-.000151	-.000151	0	0
40	SO SUPPORT1	PY	-.000465	-.000465	0	0
41	SO SUPPORT2	PY	-.000465	-.000465	0	0
42	SO SUPPORT3	PY	-.000465	-.000465	0	0
43	SO SUPPORT4	PY	-.000465	-.000465	0	0
44	SO SUPPORT5	PY	-.000465	-.000465	0	0
45	SO SUPPORT6	PY	-.000465	-.000465	0	0
46	STANDOFF1,1	PY	-.000349	-.000349	0	0
47	STANDOFF1,2	PY	-.000349	-.000349	0	0
48	STANDOFF2,1	PY	-.000349	-.000349	0	0
49	STANDOFF2,2	PY	-.000349	-.000349	0	0
50	STANDOFF3,1	PY	-.000349	-.000349	0	0
51	STANDOFF3,2	PY	-.000349	-.000349	0	0
52	SUPPORT1	PY	-.000465	-.000465	0	0
53	SUPPORT2	PY	-.000465	-.000465	0	0
54	SUPPORT3	PY	-.000465	-.000465	0	0
55	SUPPORT4	PY	-.000465	-.000465	0	0
56	SUPPORT5	PY	-.000465	-.000465	0	0
57	SUPPORT6	PY	-.000465	-.000465	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	.000269	.000269	0	0
59	ANGLE2	PX	.000269	.000269	0	0
60	ANGLE3	PX	.000269	.000269	0	0
61	CORNER1	PX	.000645	.000645	0	0
62	CORNER2	PX	.000645	.000645	0	0
63	CORNER3	PX	.000645	.000645	0	0
64	FACE3,3	PX	.000257	.000257	0	0
65	FACE3,2	PX	.000257	.000257	0	0
66	FACE3,1	PX	.000257	.000257	0	0
67	FACE2,3	PX	.000257	.000257	0	0
68	FACE2,2	PX	.000257	.000257	0	0
69	FACE2,1	PX	.000257	.000257	0	0
70	FACE1,3	PX	.000128	.000128	0	0
71	FACE1,2	PX	.000128	.000128	0	0
72	FACE1,1	PX	.000128	.000128	0	0
73	GRATING SUPPORT1	PX	.000269	.000269	0	0
74	GRATING SUPPORT2	PX	.000269	.000269	0	0
75	GRATING SUPPORT3	PX	.000269	.000269	0	0
76	GRATING SUPPORT4	PX	.000269	.000269	0	0
77	GRATING SUPPORT5	PX	.000269	.000269	0	0
78	GRATING SUPPORT6	PX	.000269	.000269	0	0
79	KICKER1	PX	.000537	.000537	0	0
80	KICKER2	PX	.000537	.000537	0	0
81	KICKER3	PX	.000537	.000537	0	0
82	MP ALPHA1	PX	.000306	.000306	0	0
83	MP ALPHA2	PX	.000306	.000306	0	0
84	MP ALPHA3	PX	.000306	.000306	0	0
85	MP ALPHA4	PX	.000306	.000306	0	0
86	MP BETA1	PX	.000306	.000306	0	0
87	MP BETA2	PX	.000306	.000306	0	0
88	MP BETA3	PX	.000306	.000306	0	0
89	MP BETA4	PX	.000306	.000306	0	0
90	MP GAMMA1	PX	.000306	.000306	0	0
91	MP GAMMA2	PX	.000306	.000306	0	0
92	MP GAMMA3	PX	.000306	.000306	0	0
93	MP GAMMA4	PX	.000306	.000306	0	0
94	RAIL3	PX	.000174	.000174	0	0
95	RAIL2	PX	.000174	.000174	0	0
96	RAIL1	PX	8.7e-5	8.7e-5	0	0
97	SO SUPPORT1	PX	.000269	.000269	0	0
98	SO SUPPORT2	PX	.000269	.000269	0	0
99	SO SUPPORT3	PX	.000269	.000269	0	0
100	SO SUPPORT4	PX	.000269	.000269	0	0
101	SO SUPPORT5	PX	.000269	.000269	0	0
102	SO SUPPORT6	PX	.000269	.000269	0	0
103	STANDOFF1,1	PX	.000202	.000202	0	0
104	STANDOFF1,2	PX	.000202	.000202	0	0
105	STANDOFF2,1	PX	.000202	.000202	0	0
106	STANDOFF2,2	PX	.000202	.000202	0	0
107	STANDOFF3,1	PX	.000202	.000202	0	0
108	STANDOFF3,2	PX	.000202	.000202	0	0
109	SUPPORT1	PX	.000269	.000269	0	0
110	SUPPORT2	PX	.000269	.000269	0	0
111	SUPPORT3	PX	.000269	.000269	0	0
112	SUPPORT4	PX	.000269	.000269	0	0
113	SUPPORT5	PX	.000269	.000269	0	0
114	SUPPORT6	PX	.000269	.000269	0	0

Member Distributed Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	Z	-.011	-.011	0	0
2	ANGLE2	Z	-.011	-.011	0	0
3	ANGLE3	Z	-.011	-.011	0	0
4	CORNER1	Z	-.013	-.013	0	0
5	CORNER2	Z	-.013	-.013	0	0
6	CORNER3	Z	-.013	-.013	0	0
7	FACE3,3	Z	-.011	-.011	0	0
8	FACE3,2	Z	-.011	-.011	0	0
9	FACE3,1	Z	-.011	-.011	0	0
10	FACE2,3	Z	-.011	-.011	0	0
11	FACE2,2	Z	-.011	-.011	0	0
12	FACE2,1	Z	-.011	-.011	0	0
13	FACE1,3	Z	-.011	-.011	0	0
14	FACE1,2	Z	-.011	-.011	0	0
15	FACE1,1	Z	-.011	-.011	0	0
16	GRATING SUPPORT1	Z	-.011	-.011	0	0
17	GRATING SUPPORT2	Z	-.011	-.011	0	0
18	GRATING SUPPORT3	Z	-.011	-.011	0	0
19	GRATING SUPPORT4	Z	-.011	-.011	0	0
20	GRATING SUPPORT5	Z	-.011	-.011	0	0
21	GRATING SUPPORT6	Z	-.011	-.011	0	0
22	KICKER1	Z	-.017	-.017	0	0
23	KICKER2	Z	-.017	-.017	0	0
24	KICKER3	Z	-.017	-.017	0	0
25	MP ALPHA1	Z	-.009	-.009	0	0
26	MP ALPHA2	Z	-.009	-.009	0	0
27	MP ALPHA3	Z	-.009	-.009	0	0
28	MP ALPHA4	Z	-.009	-.009	0	0
29	MP BETA1	Z	-.009	-.009	0	0
30	MP BETA2	Z	-.009	-.009	0	0
31	MP BETA3	Z	-.009	-.009	0	0
32	MP BETA4	Z	-.009	-.009	0	0
33	MP GAMMA1	Z	-.009	-.009	0	0
34	MP GAMMA2	Z	-.009	-.009	0	0
35	MP GAMMA3	Z	-.009	-.009	0	0
36	MP GAMMA4	Z	-.009	-.009	0	0
37	RAIL3	Z	-.009	-.009	0	0
38	RAIL2	Z	-.009	-.009	0	0
39	RAIL1	Z	-.009	-.009	0	0
40	SO SUPPORT1	Z	-.011	-.011	0	0
41	SO SUPPORT2	Z	-.011	-.011	0	0
42	SO SUPPORT3	Z	-.011	-.011	0	0
43	SO SUPPORT4	Z	-.011	-.011	0	0
44	SO SUPPORT5	Z	-.011	-.011	0	0
45	SO SUPPORT6	Z	-.011	-.011	0	0
46	STANDOFF1,1	Z	-.012	-.012	0	0
47	STANDOFF1,2	Z	-.012	-.012	0	0
48	STANDOFF2,1	Z	-.012	-.012	0	0
49	STANDOFF2,2	Z	-.012	-.012	0	0
50	STANDOFF3,1	Z	-.012	-.012	0	0
51	STANDOFF3,2	Z	-.012	-.012	0	0
52	SUPPORT1	Z	-.011	-.011	0	0
53	SUPPORT2	Z	-.011	-.011	0	0
54	SUPPORT3	Z	-.011	-.011	0	0
55	SUPPORT4	Z	-.011	-.011	0	0
56	SUPPORT5	Z	-.011	-.011	0	0
57	SUPPORT6	Z	-.011	-.011	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.002	-.002	0	0
2	ANGLE2	PY	-.002	-.002	0	0
3	ANGLE3	PY	-.002	-.002	0	0
4	CORNER1	PY	-.003	-.003	0	0
5	CORNER2	PY	-.003	-.003	0	0
6	CORNER3	PY	-.003	-.003	0	0
7	FACE3,3	PY	-.003	-.003	0	0
8	FACE3,2	PY	-.003	-.003	0	0
9	FACE3,1	PY	-.003	-.003	0	0
10	FACE2,3	PY	-.003	-.003	0	0
11	FACE2,2	PY	-.003	-.003	0	0
12	FACE2,1	PY	-.003	-.003	0	0
13	FACE1,3	PY	-.002	-.002	0	0
14	FACE1,2	PY	-.002	-.002	0	0
15	FACE1,1	PY	-.002	-.002	0	0
16	GRATING SUPPORT1	PY	-.002	-.002	0	0
17	GRATING SUPPORT2	PY	-.002	-.002	0	0
18	GRATING SUPPORT3	PY	-.002	-.002	0	0
19	GRATING SUPPORT4	PY	-.002	-.002	0	0
20	GRATING SUPPORT5	PY	-.002	-.002	0	0
21	GRATING SUPPORT6	PY	-.002	-.002	0	0
22	KICKER1	PY	-.004	-.004	0	0
23	KICKER2	PY	-.004	-.004	0	0
24	KICKER3	PY	-.004	-.004	0	0
25	MP ALPHA1	PY	-.004	-.004	0	0
26	MP ALPHA2	PY	-.004	-.004	0	0
27	MP ALPHA3	PY	-.004	-.004	0	0
28	MP ALPHA4	PY	-.004	-.004	0	0
29	MP BETA1	PY	-.004	-.004	0	0
30	MP BETA2	PY	-.004	-.004	0	0
31	MP BETA3	PY	-.004	-.004	0	0
32	MP BETA4	PY	-.004	-.004	0	0
33	MP GAMMA1	PY	-.004	-.004	0	0
34	MP GAMMA2	PY	-.004	-.004	0	0
35	MP GAMMA3	PY	-.004	-.004	0	0
36	MP GAMMA4	PY	-.004	-.004	0	0
37	RAIL3	PY	-.003	-.003	0	0
38	RAIL2	PY	-.003	-.003	0	0
39	RAIL1	PY	-.001	-.001	0	0
40	SO SUPPORT1	PY	-.002	-.002	0	0
41	SO SUPPORT2	PY	-.002	-.002	0	0
42	SO SUPPORT3	PY	-.002	-.002	0	0
43	SO SUPPORT4	PY	-.002	-.002	0	0
44	SO SUPPORT5	PY	-.002	-.002	0	0
45	SO SUPPORT6	PY	-.002	-.002	0	0
46	STANDOFF1,1	PY	-.001	-.001	0	0
47	STANDOFF1,2	PY	-.001	-.001	0	0
48	STANDOFF2,1	PY	-.001	-.001	0	0
49	STANDOFF2,2	PY	-.001	-.001	0	0
50	STANDOFF3,1	PY	-.001	-.001	0	0
51	STANDOFF3,2	PY	-.001	-.001	0	0
52	SUPPORT1	PY	-.002	-.002	0	0
53	SUPPORT2	PY	-.002	-.002	0	0
54	SUPPORT3	PY	-.002	-.002	0	0
55	SUPPORT4	PY	-.002	-.002	0	0
56	SUPPORT5	PY	-.002	-.002	0	0
57	SUPPORT6	PY	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.002	-.002	0	0
2	ANGLE2	PY	-.002	-.002	0	0
3	ANGLE3	PY	-.002	-.002	0	0
4	CORNER1	PY	-.003	-.003	0	0
5	CORNER2	PY	-.003	-.003	0	0
6	CORNER3	PY	-.003	-.003	0	0
7	FACE3,3	PY	-.003	-.003	0	0
8	FACE3,2	PY	-.003	-.003	0	0
9	FACE3,1	PY	-.003	-.003	0	0
10	FACE2,3	PY	-.003	-.003	0	0
11	FACE2,2	PY	-.003	-.003	0	0
12	FACE2,1	PY	-.003	-.003	0	0
13	FACE1,3	PY	-.001	-.001	0	0
14	FACE1,2	PY	-.001	-.001	0	0
15	FACE1,1	PY	-.001	-.001	0	0
16	GRATING SUPPORT1	PY	-.002	-.002	0	0
17	GRATING SUPPORT2	PY	-.002	-.002	0	0
18	GRATING SUPPORT3	PY	-.002	-.002	0	0
19	GRATING SUPPORT4	PY	-.002	-.002	0	0
20	GRATING SUPPORT5	PY	-.002	-.002	0	0
21	GRATING SUPPORT6	PY	-.002	-.002	0	0
22	KICKER1	PY	-.004	-.004	0	0
23	KICKER2	PY	-.004	-.004	0	0
24	KICKER3	PY	-.004	-.004	0	0
25	MP ALPHA1	PY	-.003	-.003	0	0
26	MP ALPHA2	PY	-.003	-.003	0	0
27	MP ALPHA3	PY	-.003	-.003	0	0
28	MP ALPHA4	PY	-.003	-.003	0	0
29	MP BETA1	PY	-.003	-.003	0	0
30	MP BETA2	PY	-.003	-.003	0	0
31	MP BETA3	PY	-.003	-.003	0	0
32	MP BETA4	PY	-.003	-.003	0	0
33	MP GAMMA1	PY	-.003	-.003	0	0
34	MP GAMMA2	PY	-.003	-.003	0	0
35	MP GAMMA3	PY	-.003	-.003	0	0
36	MP GAMMA4	PY	-.003	-.003	0	0
37	RAIL3	PY	-.002	-.002	0	0
38	RAIL2	PY	-.002	-.002	0	0
39	RAIL1	PY	-.001	-.001	0	0
40	SO SUPPORT1	PY	-.002	-.002	0	0
41	SO SUPPORT2	PY	-.002	-.002	0	0
42	SO SUPPORT3	PY	-.002	-.002	0	0
43	SO SUPPORT4	PY	-.002	-.002	0	0
44	SO SUPPORT5	PY	-.002	-.002	0	0
45	SO SUPPORT6	PY	-.002	-.002	0	0
46	STANDOFF1,1	PY	-.001	-.001	0	0
47	STANDOFF1,2	PY	-.001	-.001	0	0
48	STANDOFF2,1	PY	-.001	-.001	0	0
49	STANDOFF2,2	PY	-.001	-.001	0	0
50	STANDOFF3,1	PY	-.001	-.001	0	0
51	STANDOFF3,2	PY	-.001	-.001	0	0
52	SUPPORT1	PY	-.002	-.002	0	0
53	SUPPORT2	PY	-.002	-.002	0	0
54	SUPPORT3	PY	-.002	-.002	0	0
55	SUPPORT4	PY	-.002	-.002	0	0
56	SUPPORT5	PY	-.002	-.002	0	0
57	SUPPORT6	PY	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	-.001	-.001	0	0
59	ANGLE2	PX	-.001	-.001	0	0
60	ANGLE3	PX	-.001	-.001	0	0
61	CORNER1	PX	-.002	-.002	0	0
62	CORNER2	PX	-.002	-.002	0	0
63	CORNER3	PX	-.002	-.002	0	0
64	FACE3,3	PX	-.002	-.002	0	0
65	FACE3,2	PX	-.002	-.002	0	0
66	FACE3,1	PX	-.002	-.002	0	0
67	FACE2,3	PX	-.002	-.002	0	0
68	FACE2,2	PX	-.002	-.002	0	0
69	FACE2,1	PX	-.002	-.002	0	0
70	FACE1,3	PX	-.000753	-.000753	0	0
71	FACE1,2	PX	-.000753	-.000753	0	0
72	FACE1,1	PX	-.000753	-.000753	0	0
73	GRATING SUPPORT1	PX	-.001	-.001	0	0
74	GRATING SUPPORT2	PX	-.001	-.001	0	0
75	GRATING SUPPORT3	PX	-.001	-.001	0	0
76	GRATING SUPPORT4	PX	-.001	-.001	0	0
77	GRATING SUPPORT5	PX	-.001	-.001	0	0
78	GRATING SUPPORT6	PX	-.001	-.001	0	0
79	KICKER1	PX	-.002	-.002	0	0
80	KICKER2	PX	-.002	-.002	0	0
81	KICKER3	PX	-.002	-.002	0	0
82	MP ALPHA1	PX	-.002	-.002	0	0
83	MP ALPHA2	PX	-.002	-.002	0	0
84	MP ALPHA3	PX	-.002	-.002	0	0
85	MP ALPHA4	PX	-.002	-.002	0	0
86	MP BETA1	PX	-.002	-.002	0	0
87	MP BETA2	PX	-.002	-.002	0	0
88	MP BETA3	PX	-.002	-.002	0	0
89	MP BETA4	PX	-.002	-.002	0	0
90	MP GAMMA1	PX	-.002	-.002	0	0
91	MP GAMMA2	PX	-.002	-.002	0	0
92	MP GAMMA3	PX	-.002	-.002	0	0
93	MP GAMMA4	PX	-.002	-.002	0	0
94	RAIL3	PX	-.001	-.001	0	0
95	RAIL2	PX	-.001	-.001	0	0
96	RAIL1	PX	-.000631	-.000631	0	0
97	SO SUPPORT1	PX	-.001	-.001	0	0
98	SO SUPPORT2	PX	-.001	-.001	0	0
99	SO SUPPORT3	PX	-.001	-.001	0	0
100	SO SUPPORT4	PX	-.001	-.001	0	0
101	SO SUPPORT5	PX	-.001	-.001	0	0
102	SO SUPPORT6	PX	-.001	-.001	0	0
103	STANDOFF1,1	PX	-.000728	-.000728	0	0
104	STANDOFF1,2	PX	-.000728	-.000728	0	0
105	STANDOFF2,1	PX	-.000728	-.000728	0	0
106	STANDOFF2,2	PX	-.000728	-.000728	0	0
107	STANDOFF3,1	PX	-.000728	-.000728	0	0
108	STANDOFF3,2	PX	-.000728	-.000728	0	0
109	SUPPORT1	PX	-.001	-.001	0	0
110	SUPPORT2	PX	-.001	-.001	0	0
111	SUPPORT3	PX	-.001	-.001	0	0
112	SUPPORT4	PX	-.001	-.001	0	0
113	SUPPORT5	PX	-.001	-.001	0	0
114	SUPPORT6	PX	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.001	-.001	0	0
2	ANGLE2	PY	-.001	-.001	0	0
3	ANGLE3	PY	-.001	-.001	0	0
4	CORNER1	PY	-.002	-.002	0	0
5	CORNER2	PY	-.002	-.002	0	0
6	CORNER3	PY	-.002	-.002	0	0
7	FACE3,3	PY	-.002	-.002	0	0
8	FACE3,2	PY	-.002	-.002	0	0
9	FACE3,1	PY	-.002	-.002	0	0
10	FACE2,3	PY	-.002	-.002	0	0
11	FACE2,2	PY	-.002	-.002	0	0
12	FACE2,1	PY	-.002	-.002	0	0
13	FACE1,3	PY	-.000753	-.000753	0	0
14	FACE1,2	PY	-.000753	-.000753	0	0
15	FACE1,1	PY	-.000753	-.000753	0	0
16	GRATING SUPPORT1	PY	-.001	-.001	0	0
17	GRATING SUPPORT2	PY	-.001	-.001	0	0
18	GRATING SUPPORT3	PY	-.001	-.001	0	0
19	GRATING SUPPORT4	PY	-.001	-.001	0	0
20	GRATING SUPPORT5	PY	-.001	-.001	0	0
21	GRATING SUPPORT6	PY	-.001	-.001	0	0
22	KICKER1	PY	-.002	-.002	0	0
23	KICKER2	PY	-.002	-.002	0	0
24	KICKER3	PY	-.002	-.002	0	0
25	MP ALPHA1	PY	-.002	-.002	0	0
26	MP ALPHA2	PY	-.002	-.002	0	0
27	MP ALPHA3	PY	-.002	-.002	0	0
28	MP ALPHA4	PY	-.002	-.002	0	0
29	MP BETA1	PY	-.002	-.002	0	0
30	MP BETA2	PY	-.002	-.002	0	0
31	MP BETA3	PY	-.002	-.002	0	0
32	MP BETA4	PY	-.002	-.002	0	0
33	MP GAMMA1	PY	-.002	-.002	0	0
34	MP GAMMA2	PY	-.002	-.002	0	0
35	MP GAMMA3	PY	-.002	-.002	0	0
36	MP GAMMA4	PY	-.002	-.002	0	0
37	RAIL3	PY	-.001	-.001	0	0
38	RAIL2	PY	-.001	-.001	0	0
39	RAIL1	PY	-.000631	-.000631	0	0
40	SO SUPPORT1	PY	-.001	-.001	0	0
41	SO SUPPORT2	PY	-.001	-.001	0	0
42	SO SUPPORT3	PY	-.001	-.001	0	0
43	SO SUPPORT4	PY	-.001	-.001	0	0
44	SO SUPPORT5	PY	-.001	-.001	0	0
45	SO SUPPORT6	PY	-.001	-.001	0	0
46	STANDOFF1,1	PY	-.000728	-.000728	0	0
47	STANDOFF1,2	PY	-.000728	-.000728	0	0
48	STANDOFF2,1	PY	-.000728	-.000728	0	0
49	STANDOFF2,2	PY	-.000728	-.000728	0	0
50	STANDOFF3,1	PY	-.000728	-.000728	0	0
51	STANDOFF3,2	PY	-.000728	-.000728	0	0
52	SUPPORT1	PY	-.001	-.001	0	0
53	SUPPORT2	PY	-.001	-.001	0	0
54	SUPPORT3	PY	-.001	-.001	0	0
55	SUPPORT4	PY	-.001	-.001	0	0
56	SUPPORT5	PY	-.001	-.001	0	0
57	SUPPORT6	PY	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	-.002	-.002	0	0
59	ANGLE2	PX	-.002	-.002	0	0
60	ANGLE3	PX	-.002	-.002	0	0
61	CORNER1	PX	-.003	-.003	0	0
62	CORNER2	PX	-.003	-.003	0	0
63	CORNER3	PX	-.003	-.003	0	0
64	FACE3,3	PX	-.003	-.003	0	0
65	FACE3,2	PX	-.003	-.003	0	0
66	FACE3,1	PX	-.003	-.003	0	0
67	FACE2,3	PX	-.003	-.003	0	0
68	FACE2,2	PX	-.003	-.003	0	0
69	FACE2,1	PX	-.003	-.003	0	0
70	FACE1,3	PX	-.001	-.001	0	0
71	FACE1,2	PX	-.001	-.001	0	0
72	FACE1,1	PX	-.001	-.001	0	0
73	GRATING SUPPORT1	PX	-.002	-.002	0	0
74	GRATING SUPPORT2	PX	-.002	-.002	0	0
75	GRATING SUPPORT3	PX	-.002	-.002	0	0
76	GRATING SUPPORT4	PX	-.002	-.002	0	0
77	GRATING SUPPORT5	PX	-.002	-.002	0	0
78	GRATING SUPPORT6	PX	-.002	-.002	0	0
79	KICKER1	PX	-.004	-.004	0	0
80	KICKER2	PX	-.004	-.004	0	0
81	KICKER3	PX	-.004	-.004	0	0
82	MP ALPHA1	PX	-.003	-.003	0	0
83	MP ALPHA2	PX	-.003	-.003	0	0
84	MP ALPHA3	PX	-.003	-.003	0	0
85	MP ALPHA4	PX	-.003	-.003	0	0
86	MP BETA1	PX	-.003	-.003	0	0
87	MP BETA2	PX	-.003	-.003	0	0
88	MP BETA3	PX	-.003	-.003	0	0
89	MP BETA4	PX	-.003	-.003	0	0
90	MP GAMMA1	PX	-.003	-.003	0	0
91	MP GAMMA2	PX	-.003	-.003	0	0
92	MP GAMMA3	PX	-.003	-.003	0	0
93	MP GAMMA4	PX	-.003	-.003	0	0
94	RAIL3	PX	-.002	-.002	0	0
95	RAIL2	PX	-.002	-.002	0	0
96	RAIL1	PX	-.001	-.001	0	0
97	SO SUPPORT1	PX	-.002	-.002	0	0
98	SO SUPPORT2	PX	-.002	-.002	0	0
99	SO SUPPORT3	PX	-.002	-.002	0	0
100	SO SUPPORT4	PX	-.002	-.002	0	0
101	SO SUPPORT5	PX	-.002	-.002	0	0
102	SO SUPPORT6	PX	-.002	-.002	0	0
103	STANDOFF1,1	PX	-.001	-.001	0	0
104	STANDOFF1,2	PX	-.001	-.001	0	0
105	STANDOFF2,1	PX	-.001	-.001	0	0
106	STANDOFF2,2	PX	-.001	-.001	0	0
107	STANDOFF3,1	PX	-.001	-.001	0	0
108	STANDOFF3,2	PX	-.001	-.001	0	0
109	SUPPORT1	PX	-.002	-.002	0	0
110	SUPPORT2	PX	-.002	-.002	0	0
111	SUPPORT3	PX	-.002	-.002	0	0
112	SUPPORT4	PX	-.002	-.002	0	0
113	SUPPORT5	PX	-.002	-.002	0	0
114	SUPPORT6	PX	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PX	-.002	-.002	0	0
2	ANGLE2	PX	-.002	-.002	0	0
3	ANGLE3	PX	-.002	-.002	0	0
4	CORNER1	PX	-.003	-.003	0	0
5	CORNER2	PX	-.003	-.003	0	0
6	CORNER3	PX	-.003	-.003	0	0
7	FACE1,1	PX	-.003	-.003	0	0
8	FACE1,2	PX	-.003	-.003	0	0
9	FACE1,3	PX	-.003	-.003	0	0
10	FACE3,3	PX	-.003	-.003	0	0
11	FACE3,2	PX	-.003	-.003	0	0
12	FACE3,1	PX	-.003	-.003	0	0
13	FACE2,3	PX	-.002	-.002	0	0
14	FACE2,2	PX	-.002	-.002	0	0
15	FACE2,1	PX	-.002	-.002	0	0
16	GRATING SUPPORT1	PX	-.002	-.002	0	0
17	GRATING SUPPORT2	PX	-.002	-.002	0	0
18	GRATING SUPPORT3	PX	-.002	-.002	0	0
19	GRATING SUPPORT4	PX	-.002	-.002	0	0
20	GRATING SUPPORT5	PX	-.002	-.002	0	0
21	GRATING SUPPORT6	PX	-.002	-.002	0	0
22	KICKER1	PX	-.004	-.004	0	0
23	KICKER2	PX	-.004	-.004	0	0
24	KICKER3	PX	-.004	-.004	0	0
25	MP ALPHA1	PX	-.004	-.004	0	0
26	MP ALPHA2	PX	-.004	-.004	0	0
27	MP ALPHA3	PX	-.004	-.004	0	0
28	MP ALPHA4	PX	-.004	-.004	0	0
29	MP BETA1	PX	-.004	-.004	0	0
30	MP BETA2	PX	-.004	-.004	0	0
31	MP BETA3	PX	-.004	-.004	0	0
32	MP BETA4	PX	-.004	-.004	0	0
33	MP GAMMA1	PX	-.004	-.004	0	0
34	MP GAMMA2	PX	-.004	-.004	0	0
35	MP GAMMA3	PX	-.004	-.004	0	0
36	MP GAMMA4	PX	-.004	-.004	0	0
37	RAIL1	PX	-.003	-.003	0	0
38	RAIL3	PX	-.003	-.003	0	0
39	RAIL2	PX	-.001	-.001	0	0
40	SO SUPPORT1	PX	-.002	-.002	0	0
41	SO SUPPORT2	PX	-.002	-.002	0	0
42	SO SUPPORT3	PX	-.002	-.002	0	0
43	SO SUPPORT4	PX	-.002	-.002	0	0
44	SO SUPPORT5	PX	-.002	-.002	0	0
45	SO SUPPORT6	PX	-.002	-.002	0	0
46	STANDOFF1,1	PX	-.001	-.001	0	0
47	STANDOFF1,2	PX	-.001	-.001	0	0
48	STANDOFF2,1	PX	-.001	-.001	0	0
49	STANDOFF2,2	PX	-.001	-.001	0	0
50	STANDOFF3,1	PX	-.001	-.001	0	0
51	STANDOFF3,2	PX	-.001	-.001	0	0
52	SUPPORT1	PX	-.002	-.002	0	0
53	SUPPORT2	PX	-.002	-.002	0	0
54	SUPPORT3	PX	-.002	-.002	0	0
55	SUPPORT4	PX	-.002	-.002	0	0
56	SUPPORT5	PX	-.002	-.002	0	0
57	SUPPORT6	PX	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.001	.001	0	0
2	ANGLE2	PY	.001	.001	0	0
3	ANGLE3	PY	.001	.001	0	0
4	CORNER1	PY	.002	.002	0	0
5	CORNER2	PY	.002	.002	0	0
6	CORNER3	PY	.002	.002	0	0
7	FACE1,1	PY	.002	.002	0	0
8	FACE1,2	PY	.002	.002	0	0
9	FACE1,3	PY	.002	.002	0	0
10	FACE3,3	PY	.002	.002	0	0
11	FACE3,2	PY	.002	.002	0	0
12	FACE3,1	PY	.002	.002	0	0
13	FACE2,3	PY	.000753	.000753	0	0
14	FACE2,2	PY	.000753	.000753	0	0
15	FACE2,1	PY	.000753	.000753	0	0
16	GRATING SUPPORT1	PY	.001	.001	0	0
17	GRATING SUPPORT2	PY	.001	.001	0	0
18	GRATING SUPPORT3	PY	.001	.001	0	0
19	GRATING SUPPORT4	PY	.001	.001	0	0
20	GRATING SUPPORT5	PY	.001	.001	0	0
21	GRATING SUPPORT6	PY	.001	.001	0	0
22	KICKER1	PY	.002	.002	0	0
23	KICKER2	PY	.002	.002	0	0
24	KICKER3	PY	.002	.002	0	0
25	MP ALPHA1	PY	.002	.002	0	0
26	MP ALPHA2	PY	.002	.002	0	0
27	MP ALPHA3	PY	.002	.002	0	0
28	MP ALPHA4	PY	.002	.002	0	0
29	MP BETA1	PY	.002	.002	0	0
30	MP BETA2	PY	.002	.002	0	0
31	MP BETA3	PY	.002	.002	0	0
32	MP BETA4	PY	.002	.002	0	0
33	MP GAMMA1	PY	.002	.002	0	0
34	MP GAMMA2	PY	.002	.002	0	0
35	MP GAMMA3	PY	.002	.002	0	0
36	MP GAMMA4	PY	.002	.002	0	0
37	RAIL1	PY	.001	.001	0	0
38	RAIL3	PY	.001	.001	0	0
39	RAIL2	PY	.000631	.000631	0	0
40	SO SUPPORT1	PY	.001	.001	0	0
41	SO SUPPORT2	PY	.001	.001	0	0
42	SO SUPPORT3	PY	.001	.001	0	0
43	SO SUPPORT4	PY	.001	.001	0	0
44	SO SUPPORT5	PY	.001	.001	0	0
45	SO SUPPORT6	PY	.001	.001	0	0
46	STANDOFF1,1	PY	.000728	.000728	0	0
47	STANDOFF1,2	PY	.000728	.000728	0	0
48	STANDOFF2,1	PY	.000728	.000728	0	0
49	STANDOFF2,2	PY	.000728	.000728	0	0
50	STANDOFF3,1	PY	.000728	.000728	0	0
51	STANDOFF3,2	PY	.000728	.000728	0	0
52	SUPPORT1	PY	.001	.001	0	0
53	SUPPORT2	PY	.001	.001	0	0
54	SUPPORT3	PY	.001	.001	0	0
55	SUPPORT4	PY	.001	.001	0	0
56	SUPPORT5	PY	.001	.001	0	0
57	SUPPORT6	PY	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	-.002	-.002	0	0
59	ANGLE2	PX	-.002	-.002	0	0
60	ANGLE3	PX	-.002	-.002	0	0
61	CORNER1	PX	-.003	-.003	0	0
62	CORNER2	PX	-.003	-.003	0	0
63	CORNER3	PX	-.003	-.003	0	0
64	FACE1,1	PX	-.003	-.003	0	0
65	FACE1,2	PX	-.003	-.003	0	0
66	FACE1,3	PX	-.003	-.003	0	0
67	FACE3,3	PX	-.003	-.003	0	0
68	FACE3,2	PX	-.003	-.003	0	0
69	FACE3,1	PX	-.003	-.003	0	0
70	FACE2,3	PX	-.001	-.001	0	0
71	FACE2,2	PX	-.001	-.001	0	0
72	FACE2,1	PX	-.001	-.001	0	0
73	GRATING SUPPORT1	PX	-.002	-.002	0	0
74	GRATING SUPPORT2	PX	-.002	-.002	0	0
75	GRATING SUPPORT3	PX	-.002	-.002	0	0
76	GRATING SUPPORT4	PX	-.002	-.002	0	0
77	GRATING SUPPORT5	PX	-.002	-.002	0	0
78	GRATING SUPPORT6	PX	-.002	-.002	0	0
79	KICKER1	PX	-.004	-.004	0	0
80	KICKER2	PX	-.004	-.004	0	0
81	KICKER3	PX	-.004	-.004	0	0
82	MP ALPHA1	PX	-.003	-.003	0	0
83	MP ALPHA2	PX	-.003	-.003	0	0
84	MP ALPHA3	PX	-.003	-.003	0	0
85	MP ALPHA4	PX	-.003	-.003	0	0
86	MP BETA1	PX	-.003	-.003	0	0
87	MP BETA2	PX	-.003	-.003	0	0
88	MP BETA3	PX	-.003	-.003	0	0
89	MP BETA4	PX	-.003	-.003	0	0
90	MP GAMMA1	PX	-.003	-.003	0	0
91	MP GAMMA2	PX	-.003	-.003	0	0
92	MP GAMMA3	PX	-.003	-.003	0	0
93	MP GAMMA4	PX	-.003	-.003	0	0
94	RAIL1	PX	-.002	-.002	0	0
95	RAIL3	PX	-.002	-.002	0	0
96	RAIL2	PX	-.001	-.001	0	0
97	SO SUPPORT1	PX	-.002	-.002	0	0
98	SO SUPPORT2	PX	-.002	-.002	0	0
99	SO SUPPORT3	PX	-.002	-.002	0	0
100	SO SUPPORT4	PX	-.002	-.002	0	0
101	SO SUPPORT5	PX	-.002	-.002	0	0
102	SO SUPPORT6	PX	-.002	-.002	0	0
103	STANDOFF1,1	PX	-.001	-.001	0	0
104	STANDOFF1,2	PX	-.001	-.001	0	0
105	STANDOFF2,1	PX	-.001	-.001	0	0
106	STANDOFF2,2	PX	-.001	-.001	0	0
107	STANDOFF3,1	PX	-.001	-.001	0	0
108	STANDOFF3,2	PX	-.001	-.001	0	0
109	SUPPORT1	PX	-.002	-.002	0	0
110	SUPPORT2	PX	-.002	-.002	0	0
111	SUPPORT3	PX	-.002	-.002	0	0
112	SUPPORT4	PX	-.002	-.002	0	0
113	SUPPORT5	PX	-.002	-.002	0	0
114	SUPPORT6	PX	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.002	.002	0	0
2	ANGLE2	PY	.002	.002	0	0
3	ANGLE3	PY	.002	.002	0	0
4	CORNER1	PY	.003	.003	0	0
5	CORNER2	PY	.003	.003	0	0
6	CORNER3	PY	.003	.003	0	0
7	FACE1,1	PY	.003	.003	0	0
8	FACE1,2	PY	.003	.003	0	0
9	FACE1,3	PY	.003	.003	0	0
10	FACE3,3	PY	.003	.003	0	0
11	FACE3,2	PY	.003	.003	0	0
12	FACE3,1	PY	.003	.003	0	0
13	FACE2,3	PY	.001	.001	0	0
14	FACE2,2	PY	.001	.001	0	0
15	FACE2,1	PY	.001	.001	0	0
16	GRATING SUPPORT1	PY	.002	.002	0	0
17	GRATING SUPPORT2	PY	.002	.002	0	0
18	GRATING SUPPORT3	PY	.002	.002	0	0
19	GRATING SUPPORT4	PY	.002	.002	0	0
20	GRATING SUPPORT5	PY	.002	.002	0	0
21	GRATING SUPPORT6	PY	.002	.002	0	0
22	KICKER1	PY	.004	.004	0	0
23	KICKER2	PY	.004	.004	0	0
24	KICKER3	PY	.004	.004	0	0
25	MP ALPHA1	PY	.003	.003	0	0
26	MP ALPHA2	PY	.003	.003	0	0
27	MP ALPHA3	PY	.003	.003	0	0
28	MP ALPHA4	PY	.003	.003	0	0
29	MP BETA1	PY	.003	.003	0	0
30	MP BETA2	PY	.003	.003	0	0
31	MP BETA3	PY	.003	.003	0	0
32	MP BETA4	PY	.003	.003	0	0
33	MP GAMMA1	PY	.003	.003	0	0
34	MP GAMMA2	PY	.003	.003	0	0
35	MP GAMMA3	PY	.003	.003	0	0
36	MP GAMMA4	PY	.003	.003	0	0
37	RAIL1	PY	.002	.002	0	0
38	RAIL3	PY	.002	.002	0	0
39	RAIL2	PY	.001	.001	0	0
40	SO SUPPORT1	PY	.002	.002	0	0
41	SO SUPPORT2	PY	.002	.002	0	0
42	SO SUPPORT3	PY	.002	.002	0	0
43	SO SUPPORT4	PY	.002	.002	0	0
44	SO SUPPORT5	PY	.002	.002	0	0
45	SO SUPPORT6	PY	.002	.002	0	0
46	STANDOFF1,1	PY	.001	.001	0	0
47	STANDOFF1,2	PY	.001	.001	0	0
48	STANDOFF2,1	PY	.001	.001	0	0
49	STANDOFF2,2	PY	.001	.001	0	0
50	STANDOFF3,1	PY	.001	.001	0	0
51	STANDOFF3,2	PY	.001	.001	0	0
52	SUPPORT1	PY	.002	.002	0	0
53	SUPPORT2	PY	.002	.002	0	0
54	SUPPORT3	PY	.002	.002	0	0
55	SUPPORT4	PY	.002	.002	0	0
56	SUPPORT5	PY	.002	.002	0	0
57	SUPPORT6	PY	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	-.001	-.001	0	0
59	ANGLE2	PX	-.001	-.001	0	0
60	ANGLE3	PX	-.001	-.001	0	0
61	CORNER1	PX	-.002	-.002	0	0
62	CORNER2	PX	-.002	-.002	0	0
63	CORNER3	PX	-.002	-.002	0	0
64	FACE1,1	PX	-.002	-.002	0	0
65	FACE1,2	PX	-.002	-.002	0	0
66	FACE1,3	PX	-.002	-.002	0	0
67	FACE3,3	PX	-.002	-.002	0	0
68	FACE3,2	PX	-.002	-.002	0	0
69	FACE3,1	PX	-.002	-.002	0	0
70	FACE2,3	PX	-.000753	-.000753	0	0
71	FACE2,2	PX	-.000753	-.000753	0	0
72	FACE2,1	PX	-.000753	-.000753	0	0
73	GRATING SUPPORT1	PX	-.001	-.001	0	0
74	GRATING SUPPORT2	PX	-.001	-.001	0	0
75	GRATING SUPPORT3	PX	-.001	-.001	0	0
76	GRATING SUPPORT4	PX	-.001	-.001	0	0
77	GRATING SUPPORT5	PX	-.001	-.001	0	0
78	GRATING SUPPORT6	PX	-.001	-.001	0	0
79	KICKER1	PX	-.002	-.002	0	0
80	KICKER2	PX	-.002	-.002	0	0
81	KICKER3	PX	-.002	-.002	0	0
82	MP ALPHA1	PX	-.002	-.002	0	0
83	MP ALPHA2	PX	-.002	-.002	0	0
84	MP ALPHA3	PX	-.002	-.002	0	0
85	MP ALPHA4	PX	-.002	-.002	0	0
86	MP BETA1	PX	-.002	-.002	0	0
87	MP BETA2	PX	-.002	-.002	0	0
88	MP BETA3	PX	-.002	-.002	0	0
89	MP BETA4	PX	-.002	-.002	0	0
90	MP GAMMA1	PX	-.002	-.002	0	0
91	MP GAMMA2	PX	-.002	-.002	0	0
92	MP GAMMA3	PX	-.002	-.002	0	0
93	MP GAMMA4	PX	-.002	-.002	0	0
94	RAIL1	PX	-.001	-.001	0	0
95	RAIL3	PX	-.001	-.001	0	0
96	RAIL2	PX	-.000631	-.000631	0	0
97	SO SUPPORT1	PX	-.001	-.001	0	0
98	SO SUPPORT2	PX	-.001	-.001	0	0
99	SO SUPPORT3	PX	-.001	-.001	0	0
100	SO SUPPORT4	PX	-.001	-.001	0	0
101	SO SUPPORT5	PX	-.001	-.001	0	0
102	SO SUPPORT6	PX	-.001	-.001	0	0
103	STANDOFF1,1	PX	-.000728	-.000728	0	0
104	STANDOFF1,2	PX	-.000728	-.000728	0	0
105	STANDOFF2,1	PX	-.000728	-.000728	0	0
106	STANDOFF2,2	PX	-.000728	-.000728	0	0
107	STANDOFF3,1	PX	-.000728	-.000728	0	0
108	STANDOFF3,2	PX	-.000728	-.000728	0	0
109	SUPPORT1	PX	-.001	-.001	0	0
110	SUPPORT2	PX	-.001	-.001	0	0
111	SUPPORT3	PX	-.001	-.001	0	0
112	SUPPORT4	PX	-.001	-.001	0	0
113	SUPPORT5	PX	-.001	-.001	0	0
114	SUPPORT6	PX	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.002	.002	0	0
2	ANGLE2	PY	.002	.002	0	0
3	ANGLE3	PY	.002	.002	0	0
4	CORNER1	PY	.003	.003	0	0
5	CORNER2	PY	.003	.003	0	0
6	CORNER3	PY	.003	.003	0	0
7	FACE1,1	PY	.003	.003	0	0
8	FACE1,2	PY	.003	.003	0	0
9	FACE1,3	PY	.003	.003	0	0
10	FACE3,3	PY	.003	.003	0	0
11	FACE3,2	PY	.003	.003	0	0
12	FACE3,1	PY	.003	.003	0	0
13	FACE2,3	PY	.002	.002	0	0
14	FACE2,2	PY	.002	.002	0	0
15	FACE2,1	PY	.002	.002	0	0
16	GRATING SUPPORT1	PY	.002	.002	0	0
17	GRATING SUPPORT2	PY	.002	.002	0	0
18	GRATING SUPPORT3	PY	.002	.002	0	0
19	GRATING SUPPORT4	PY	.002	.002	0	0
20	GRATING SUPPORT5	PY	.002	.002	0	0
21	GRATING SUPPORT6	PY	.002	.002	0	0
22	KICKER1	PY	.004	.004	0	0
23	KICKER2	PY	.004	.004	0	0
24	KICKER3	PY	.004	.004	0	0
25	MP ALPHA1	PY	.004	.004	0	0
26	MP ALPHA2	PY	.004	.004	0	0
27	MP ALPHA3	PY	.004	.004	0	0
28	MP ALPHA4	PY	.004	.004	0	0
29	MP BETA1	PY	.004	.004	0	0
30	MP BETA2	PY	.004	.004	0	0
31	MP BETA3	PY	.004	.004	0	0
32	MP BETA4	PY	.004	.004	0	0
33	MP GAMMA1	PY	.004	.004	0	0
34	MP GAMMA2	PY	.004	.004	0	0
35	MP GAMMA3	PY	.004	.004	0	0
36	MP GAMMA4	PY	.004	.004	0	0
37	RAIL1	PY	.003	.003	0	0
38	RAIL3	PY	.003	.003	0	0
39	RAIL2	PY	.001	.001	0	0
40	SO SUPPORT1	PY	.002	.002	0	0
41	SO SUPPORT2	PY	.002	.002	0	0
42	SO SUPPORT3	PY	.002	.002	0	0
43	SO SUPPORT4	PY	.002	.002	0	0
44	SO SUPPORT5	PY	.002	.002	0	0
45	SO SUPPORT6	PY	.002	.002	0	0
46	STANDOFF1,1	PY	.001	.001	0	0
47	STANDOFF1,2	PY	.001	.001	0	0
48	STANDOFF2,1	PY	.001	.001	0	0
49	STANDOFF2,2	PY	.001	.001	0	0
50	STANDOFF3,1	PY	.001	.001	0	0
51	STANDOFF3,2	PY	.001	.001	0	0
52	SUPPORT1	PY	.002	.002	0	0
53	SUPPORT2	PY	.002	.002	0	0
54	SUPPORT3	PY	.002	.002	0	0
55	SUPPORT4	PY	.002	.002	0	0
56	SUPPORT5	PY	.002	.002	0	0
57	SUPPORT6	PY	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.002	.002	0	0
2	ANGLE2	PY	.002	.002	0	0
3	ANGLE3	PY	.002	.002	0	0
4	CORNER1	PY	.003	.003	0	0
5	CORNER2	PY	.003	.003	0	0
6	CORNER3	PY	.003	.003	0	0
7	FACE1,1	PY	.003	.003	0	0
8	FACE1,2	PY	.003	.003	0	0
9	FACE1,3	PY	.003	.003	0	0
10	FACE2,1	PY	.003	.003	0	0
11	FACE2,2	PY	.003	.003	0	0
12	FACE2,3	PY	.003	.003	0	0
13	FACE3,1	PY	.001	.001	0	0
14	FACE3,2	PY	.001	.001	0	0
15	FACE3,3	PY	.001	.001	0	0
16	GRATING SUPPORT1	PY	.002	.002	0	0
17	GRATING SUPPORT2	PY	.002	.002	0	0
18	GRATING SUPPORT3	PY	.002	.002	0	0
19	GRATING SUPPORT4	PY	.002	.002	0	0
20	GRATING SUPPORT5	PY	.002	.002	0	0
21	GRATING SUPPORT6	PY	.002	.002	0	0
22	KICKER1	PY	.004	.004	0	0
23	KICKER2	PY	.004	.004	0	0
24	KICKER3	PY	.004	.004	0	0
25	MP ALPHA1	PY	.003	.003	0	0
26	MP ALPHA2	PY	.003	.003	0	0
27	MP ALPHA3	PY	.003	.003	0	0
28	MP ALPHA4	PY	.003	.003	0	0
29	MP BETA1	PY	.003	.003	0	0
30	MP BETA2	PY	.003	.003	0	0
31	MP BETA3	PY	.003	.003	0	0
32	MP BETA4	PY	.003	.003	0	0
33	MP GAMMA1	PY	.003	.003	0	0
34	MP GAMMA2	PY	.003	.003	0	0
35	MP GAMMA3	PY	.003	.003	0	0
36	MP GAMMA4	PY	.003	.003	0	0
37	RAIL1	PY	.002	.002	0	0
38	RAIL2	PY	.002	.002	0	0
39	RAIL3	PY	.001	.001	0	0
40	SO SUPPORT1	PY	.002	.002	0	0
41	SO SUPPORT2	PY	.002	.002	0	0
42	SO SUPPORT3	PY	.002	.002	0	0
43	SO SUPPORT4	PY	.002	.002	0	0
44	SO SUPPORT5	PY	.002	.002	0	0
45	SO SUPPORT6	PY	.002	.002	0	0
46	STANDOFF1,1	PY	.001	.001	0	0
47	STANDOFF1,2	PY	.001	.001	0	0
48	STANDOFF2,1	PY	.001	.001	0	0
49	STANDOFF2,2	PY	.001	.001	0	0
50	STANDOFF3,1	PY	.001	.001	0	0
51	STANDOFF3,2	PY	.001	.001	0	0
52	SUPPORT1	PY	.002	.002	0	0
53	SUPPORT2	PY	.002	.002	0	0
54	SUPPORT3	PY	.002	.002	0	0
55	SUPPORT4	PY	.002	.002	0	0
56	SUPPORT5	PY	.002	.002	0	0
57	SUPPORT6	PY	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	.001	.001	0	0
59	ANGLE2	PX	.001	.001	0	0
60	ANGLE3	PX	.001	.001	0	0
61	CORNER1	PX	.002	.002	0	0
62	CORNER2	PX	.002	.002	0	0
63	CORNER3	PX	.002	.002	0	0
64	FACE1,1	PX	.002	.002	0	0
65	FACE1,2	PX	.002	.002	0	0
66	FACE1,3	PX	.002	.002	0	0
67	FACE2,1	PX	.002	.002	0	0
68	FACE2,2	PX	.002	.002	0	0
69	FACE2,3	PX	.002	.002	0	0
70	FACE3,1	PX	.000753	.000753	0	0
71	FACE3,2	PX	.000753	.000753	0	0
72	FACE3,3	PX	.000753	.000753	0	0
73	GRATING SUPPORT1	PX	.001	.001	0	0
74	GRATING SUPPORT2	PX	.001	.001	0	0
75	GRATING SUPPORT3	PX	.001	.001	0	0
76	GRATING SUPPORT4	PX	.001	.001	0	0
77	GRATING SUPPORT5	PX	.001	.001	0	0
78	GRATING SUPPORT6	PX	.001	.001	0	0
79	KICKER1	PX	.002	.002	0	0
80	KICKER2	PX	.002	.002	0	0
81	KICKER3	PX	.002	.002	0	0
82	MP ALPHA1	PX	.002	.002	0	0
83	MP ALPHA2	PX	.002	.002	0	0
84	MP ALPHA3	PX	.002	.002	0	0
85	MP ALPHA4	PX	.002	.002	0	0
86	MP BETA1	PX	.002	.002	0	0
87	MP BETA2	PX	.002	.002	0	0
88	MP BETA3	PX	.002	.002	0	0
89	MP BETA4	PX	.002	.002	0	0
90	MP GAMMA1	PX	.002	.002	0	0
91	MP GAMMA2	PX	.002	.002	0	0
92	MP GAMMA3	PX	.002	.002	0	0
93	MP GAMMA4	PX	.002	.002	0	0
94	RAIL1	PX	.001	.001	0	0
95	RAIL2	PX	.001	.001	0	0
96	RAIL3	PX	.000631	.000631	0	0
97	SO SUPPORT1	PX	.001	.001	0	0
98	SO SUPPORT2	PX	.001	.001	0	0
99	SO SUPPORT3	PX	.001	.001	0	0
100	SO SUPPORT4	PX	.001	.001	0	0
101	SO SUPPORT5	PX	.001	.001	0	0
102	SO SUPPORT6	PX	.001	.001	0	0
103	STANDOFF1,1	PX	.000728	.000728	0	0
104	STANDOFF1,2	PX	.000728	.000728	0	0
105	STANDOFF2,1	PX	.000728	.000728	0	0
106	STANDOFF2,2	PX	.000728	.000728	0	0
107	STANDOFF3,1	PX	.000728	.000728	0	0
108	STANDOFF3,2	PX	.000728	.000728	0	0
109	SUPPORT1	PX	.001	.001	0	0
110	SUPPORT2	PX	.001	.001	0	0
111	SUPPORT3	PX	.001	.001	0	0
112	SUPPORT4	PX	.001	.001	0	0
113	SUPPORT5	PX	.001	.001	0	0
114	SUPPORT6	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	.001	.001	0	0
2	ANGLE2	PY	.001	.001	0	0
3	ANGLE3	PY	.001	.001	0	0
4	CORNER1	PY	.002	.002	0	0
5	CORNER2	PY	.002	.002	0	0
6	CORNER3	PY	.002	.002	0	0
7	FACE1,1	PY	.002	.002	0	0
8	FACE1,2	PY	.002	.002	0	0
9	FACE1,3	PY	.002	.002	0	0
10	FACE2,1	PY	.002	.002	0	0
11	FACE2,2	PY	.002	.002	0	0
12	FACE2,3	PY	.002	.002	0	0
13	FACE3,1	PY	.000753	.000753	0	0
14	FACE3,2	PY	.000753	.000753	0	0
15	FACE3,3	PY	.000753	.000753	0	0
16	GRATING SUPPORT1	PY	.001	.001	0	0
17	GRATING SUPPORT2	PY	.001	.001	0	0
18	GRATING SUPPORT3	PY	.001	.001	0	0
19	GRATING SUPPORT4	PY	.001	.001	0	0
20	GRATING SUPPORT5	PY	.001	.001	0	0
21	GRATING SUPPORT6	PY	.001	.001	0	0
22	KICKER1	PY	.002	.002	0	0
23	KICKER2	PY	.002	.002	0	0
24	KICKER3	PY	.002	.002	0	0
25	MP ALPHA1	PY	.002	.002	0	0
26	MP ALPHA2	PY	.002	.002	0	0
27	MP ALPHA3	PY	.002	.002	0	0
28	MP ALPHA4	PY	.002	.002	0	0
29	MP BETA1	PY	.002	.002	0	0
30	MP BETA2	PY	.002	.002	0	0
31	MP BETA3	PY	.002	.002	0	0
32	MP BETA4	PY	.002	.002	0	0
33	MP GAMMA1	PY	.002	.002	0	0
34	MP GAMMA2	PY	.002	.002	0	0
35	MP GAMMA3	PY	.002	.002	0	0
36	MP GAMMA4	PY	.002	.002	0	0
37	RAIL1	PY	.001	.001	0	0
38	RAIL2	PY	.001	.001	0	0
39	RAIL3	PY	.000631	.000631	0	0
40	SO SUPPORT1	PY	.001	.001	0	0
41	SO SUPPORT2	PY	.001	.001	0	0
42	SO SUPPORT3	PY	.001	.001	0	0
43	SO SUPPORT4	PY	.001	.001	0	0
44	SO SUPPORT5	PY	.001	.001	0	0
45	SO SUPPORT6	PY	.001	.001	0	0
46	STANDOFF1,1	PY	.000728	.000728	0	0
47	STANDOFF1,2	PY	.000728	.000728	0	0
48	STANDOFF2,1	PY	.000728	.000728	0	0
49	STANDOFF2,2	PY	.000728	.000728	0	0
50	STANDOFF3,1	PY	.000728	.000728	0	0
51	STANDOFF3,2	PY	.000728	.000728	0	0
52	SUPPORT1	PY	.001	.001	0	0
53	SUPPORT2	PY	.001	.001	0	0
54	SUPPORT3	PY	.001	.001	0	0
55	SUPPORT4	PY	.001	.001	0	0
56	SUPPORT5	PY	.001	.001	0	0
57	SUPPORT6	PY	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	.002	.002	0	0
59	ANGLE2	PX	.002	.002	0	0
60	ANGLE3	PX	.002	.002	0	0
61	CORNER1	PX	.003	.003	0	0
62	CORNER2	PX	.003	.003	0	0
63	CORNER3	PX	.003	.003	0	0
64	FACE1,1	PX	.003	.003	0	0
65	FACE1,2	PX	.003	.003	0	0
66	FACE1,3	PX	.003	.003	0	0
67	FACE2,1	PX	.003	.003	0	0
68	FACE2,2	PX	.003	.003	0	0
69	FACE2,3	PX	.003	.003	0	0
70	FACE3,1	PX	.001	.001	0	0
71	FACE3,2	PX	.001	.001	0	0
72	FACE3,3	PX	.001	.001	0	0
73	GRATING SUPPORT1	PX	.002	.002	0	0
74	GRATING SUPPORT2	PX	.002	.002	0	0
75	GRATING SUPPORT3	PX	.002	.002	0	0
76	GRATING SUPPORT4	PX	.002	.002	0	0
77	GRATING SUPPORT5	PX	.002	.002	0	0
78	GRATING SUPPORT6	PX	.002	.002	0	0
79	KICKER1	PX	.004	.004	0	0
80	KICKER2	PX	.004	.004	0	0
81	KICKER3	PX	.004	.004	0	0
82	MP ALPHA1	PX	.003	.003	0	0
83	MP ALPHA2	PX	.003	.003	0	0
84	MP ALPHA3	PX	.003	.003	0	0
85	MP ALPHA4	PX	.003	.003	0	0
86	MP BETA1	PX	.003	.003	0	0
87	MP BETA2	PX	.003	.003	0	0
88	MP BETA3	PX	.003	.003	0	0
89	MP BETA4	PX	.003	.003	0	0
90	MP GAMMA1	PX	.003	.003	0	0
91	MP GAMMA2	PX	.003	.003	0	0
92	MP GAMMA3	PX	.003	.003	0	0
93	MP GAMMA4	PX	.003	.003	0	0
94	RAIL1	PX	.002	.002	0	0
95	RAIL2	PX	.002	.002	0	0
96	RAIL3	PX	.001	.001	0	0
97	SO SUPPORT1	PX	.002	.002	0	0
98	SO SUPPORT2	PX	.002	.002	0	0
99	SO SUPPORT3	PX	.002	.002	0	0
100	SO SUPPORT4	PX	.002	.002	0	0
101	SO SUPPORT5	PX	.002	.002	0	0
102	SO SUPPORT6	PX	.002	.002	0	0
103	STANDOFF1,1	PX	.001	.001	0	0
104	STANDOFF1,2	PX	.001	.001	0	0
105	STANDOFF2,1	PX	.001	.001	0	0
106	STANDOFF2,2	PX	.001	.001	0	0
107	STANDOFF3,1	PX	.001	.001	0	0
108	STANDOFF3,2	PX	.001	.001	0	0
109	SUPPORT1	PX	.002	.002	0	0
110	SUPPORT2	PX	.002	.002	0	0
111	SUPPORT3	PX	.002	.002	0	0
112	SUPPORT4	PX	.002	.002	0	0
113	SUPPORT5	PX	.002	.002	0	0
114	SUPPORT6	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PX	.002	.002	0	0
2	ANGLE2	PX	.002	.002	0	0
3	ANGLE3	PX	.002	.002	0	0
4	CORNER1	PX	.003	.003	0	0
5	CORNER2	PX	.003	.003	0	0
6	CORNER3	PX	.003	.003	0	0
7	FACE1,1	PX	.003	.003	0	0
8	FACE1,2	PX	.003	.003	0	0
9	FACE1,3	PX	.003	.003	0	0
10	FACE2,1	PX	.003	.003	0	0
11	FACE2,2	PX	.003	.003	0	0
12	FACE2,3	PX	.003	.003	0	0
13	FACE3,1	PX	.002	.002	0	0
14	FACE3,2	PX	.002	.002	0	0
15	FACE3,3	PX	.002	.002	0	0
16	GRATING SUPPORT1	PX	.002	.002	0	0
17	GRATING SUPPORT2	PX	.002	.002	0	0
18	GRATING SUPPORT3	PX	.002	.002	0	0
19	GRATING SUPPORT4	PX	.002	.002	0	0
20	GRATING SUPPORT5	PX	.002	.002	0	0
21	GRATING SUPPORT6	PX	.002	.002	0	0
22	KICKER1	PX	.004	.004	0	0
23	KICKER2	PX	.004	.004	0	0
24	KICKER3	PX	.004	.004	0	0
25	MP ALPHA1	PX	.004	.004	0	0
26	MP ALPHA2	PX	.004	.004	0	0
27	MP ALPHA3	PX	.004	.004	0	0
28	MP ALPHA4	PX	.004	.004	0	0
29	MP BETA1	PX	.004	.004	0	0
30	MP BETA2	PX	.004	.004	0	0
31	MP BETA3	PX	.004	.004	0	0
32	MP BETA4	PX	.004	.004	0	0
33	MP GAMMA1	PX	.004	.004	0	0
34	MP GAMMA2	PX	.004	.004	0	0
35	MP GAMMA3	PX	.004	.004	0	0
36	MP GAMMA4	PX	.004	.004	0	0
37	RAIL1	PX	.003	.003	0	0
38	RAIL2	PX	.003	.003	0	0
39	RAIL3	PX	.001	.001	0	0
40	SO SUPPORT1	PX	.002	.002	0	0
41	SO SUPPORT2	PX	.002	.002	0	0
42	SO SUPPORT3	PX	.002	.002	0	0
43	SO SUPPORT4	PX	.002	.002	0	0
44	SO SUPPORT5	PX	.002	.002	0	0
45	SO SUPPORT6	PX	.002	.002	0	0
46	STANDOFF1,1	PX	.001	.001	0	0
47	STANDOFF1,2	PX	.001	.001	0	0
48	STANDOFF2,1	PX	.001	.001	0	0
49	STANDOFF2,2	PX	.001	.001	0	0
50	STANDOFF3,1	PX	.001	.001	0	0
51	STANDOFF3,2	PX	.001	.001	0	0
52	SUPPORT1	PX	.002	.002	0	0
53	SUPPORT2	PX	.002	.002	0	0
54	SUPPORT3	PX	.002	.002	0	0
55	SUPPORT4	PX	.002	.002	0	0
56	SUPPORT5	PX	.002	.002	0	0
57	SUPPORT6	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.001	-.001	0	0
2	ANGLE2	PY	-.001	-.001	0	0
3	ANGLE3	PY	-.001	-.001	0	0
4	CORNER1	PY	-.002	-.002	0	0
5	CORNER2	PY	-.002	-.002	0	0
6	CORNER3	PY	-.002	-.002	0	0
7	FACE1,1	PY	-.002	-.002	0	0
8	FACE1,2	PY	-.002	-.002	0	0
9	FACE1,3	PY	-.002	-.002	0	0
10	FACE2,1	PY	-.002	-.002	0	0
11	FACE2,2	PY	-.002	-.002	0	0
12	FACE2,3	PY	-.002	-.002	0	0
13	FACE3,1	PY	-.000753	-.000753	0	0
14	FACE3,2	PY	-.000753	-.000753	0	0
15	FACE3,3	PY	-.000753	-.000753	0	0
16	GRATING SUPPORT1	PY	-.001	-.001	0	0
17	GRATING SUPPORT2	PY	-.001	-.001	0	0
18	GRATING SUPPORT3	PY	-.001	-.001	0	0
19	GRATING SUPPORT4	PY	-.001	-.001	0	0
20	GRATING SUPPORT5	PY	-.001	-.001	0	0
21	GRATING SUPPORT6	PY	-.001	-.001	0	0
22	KICKER1	PY	-.002	-.002	0	0
23	KICKER2	PY	-.002	-.002	0	0
24	KICKER3	PY	-.002	-.002	0	0
25	MP ALPHA1	PY	-.002	-.002	0	0
26	MP ALPHA2	PY	-.002	-.002	0	0
27	MP ALPHA3	PY	-.002	-.002	0	0
28	MP ALPHA4	PY	-.002	-.002	0	0
29	MP BETA1	PY	-.002	-.002	0	0
30	MP BETA2	PY	-.002	-.002	0	0
31	MP BETA3	PY	-.002	-.002	0	0
32	MP BETA4	PY	-.002	-.002	0	0
33	MP GAMMA1	PY	-.002	-.002	0	0
34	MP GAMMA2	PY	-.002	-.002	0	0
35	MP GAMMA3	PY	-.002	-.002	0	0
36	MP GAMMA4	PY	-.002	-.002	0	0
37	RAIL1	PY	-.001	-.001	0	0
38	RAIL2	PY	-.001	-.001	0	0
39	RAIL3	PY	-.000631	-.000631	0	0
40	SO SUPPORT1	PY	-.001	-.001	0	0
41	SO SUPPORT2	PY	-.001	-.001	0	0
42	SO SUPPORT3	PY	-.001	-.001	0	0
43	SO SUPPORT4	PY	-.001	-.001	0	0
44	SO SUPPORT5	PY	-.001	-.001	0	0
45	SO SUPPORT6	PY	-.001	-.001	0	0
46	STANDOFF1,1	PY	-.000728	-.000728	0	0
47	STANDOFF1,2	PY	-.000728	-.000728	0	0
48	STANDOFF2,1	PY	-.000728	-.000728	0	0
49	STANDOFF2,2	PY	-.000728	-.000728	0	0
50	STANDOFF3,1	PY	-.000728	-.000728	0	0
51	STANDOFF3,2	PY	-.000728	-.000728	0	0
52	SUPPORT1	PY	-.001	-.001	0	0
53	SUPPORT2	PY	-.001	-.001	0	0
54	SUPPORT3	PY	-.001	-.001	0	0
55	SUPPORT4	PY	-.001	-.001	0	0
56	SUPPORT5	PY	-.001	-.001	0	0
57	SUPPORT6	PY	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	.002	.002	0	0
59	ANGLE2	PX	.002	.002	0	0
60	ANGLE3	PX	.002	.002	0	0
61	CORNER1	PX	.003	.003	0	0
62	CORNER2	PX	.003	.003	0	0
63	CORNER3	PX	.003	.003	0	0
64	FACE1,1	PX	.003	.003	0	0
65	FACE1,2	PX	.003	.003	0	0
66	FACE1,3	PX	.003	.003	0	0
67	FACE2,1	PX	.003	.003	0	0
68	FACE2,2	PX	.003	.003	0	0
69	FACE2,3	PX	.003	.003	0	0
70	FACE3,1	PX	.001	.001	0	0
71	FACE3,2	PX	.001	.001	0	0
72	FACE3,3	PX	.001	.001	0	0
73	GRATING SUPPORT1	PX	.002	.002	0	0
74	GRATING SUPPORT2	PX	.002	.002	0	0
75	GRATING SUPPORT3	PX	.002	.002	0	0
76	GRATING SUPPORT4	PX	.002	.002	0	0
77	GRATING SUPPORT5	PX	.002	.002	0	0
78	GRATING SUPPORT6	PX	.002	.002	0	0
79	KICKER1	PX	.004	.004	0	0
80	KICKER2	PX	.004	.004	0	0
81	KICKER3	PX	.004	.004	0	0
82	MP ALPHA1	PX	.003	.003	0	0
83	MP ALPHA2	PX	.003	.003	0	0
84	MP ALPHA3	PX	.003	.003	0	0
85	MP ALPHA4	PX	.003	.003	0	0
86	MP BETA1	PX	.003	.003	0	0
87	MP BETA2	PX	.003	.003	0	0
88	MP BETA3	PX	.003	.003	0	0
89	MP BETA4	PX	.003	.003	0	0
90	MP GAMMA1	PX	.003	.003	0	0
91	MP GAMMA2	PX	.003	.003	0	0
92	MP GAMMA3	PX	.003	.003	0	0
93	MP GAMMA4	PX	.003	.003	0	0
94	RAIL1	PX	.002	.002	0	0
95	RAIL2	PX	.002	.002	0	0
96	RAIL3	PX	.001	.001	0	0
97	SO SUPPORT1	PX	.002	.002	0	0
98	SO SUPPORT2	PX	.002	.002	0	0
99	SO SUPPORT3	PX	.002	.002	0	0
100	SO SUPPORT4	PX	.002	.002	0	0
101	SO SUPPORT5	PX	.002	.002	0	0
102	SO SUPPORT6	PX	.002	.002	0	0
103	STANDOFF1,1	PX	.001	.001	0	0
104	STANDOFF1,2	PX	.001	.001	0	0
105	STANDOFF2,1	PX	.001	.001	0	0
106	STANDOFF2,2	PX	.001	.001	0	0
107	STANDOFF3,1	PX	.001	.001	0	0
108	STANDOFF3,2	PX	.001	.001	0	0
109	SUPPORT1	PX	.002	.002	0	0
110	SUPPORT2	PX	.002	.002	0	0
111	SUPPORT3	PX	.002	.002	0	0
112	SUPPORT4	PX	.002	.002	0	0
113	SUPPORT5	PX	.002	.002	0	0
114	SUPPORT6	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	ANGLE1	PY	-.002	-.002	0	0
2	ANGLE2	PY	-.002	-.002	0	0
3	ANGLE3	PY	-.002	-.002	0	0
4	CORNER1	PY	-.003	-.003	0	0
5	CORNER2	PY	-.003	-.003	0	0
6	CORNER3	PY	-.003	-.003	0	0
7	FACE3,3	PY	-.003	-.003	0	0
8	FACE3,2	PY	-.003	-.003	0	0
9	FACE3,1	PY	-.003	-.003	0	0
10	FACE2,3	PY	-.003	-.003	0	0
11	FACE2,2	PY	-.003	-.003	0	0
12	FACE2,1	PY	-.003	-.003	0	0
13	FACE1,3	PY	-.001	-.001	0	0
14	FACE1,2	PY	-.001	-.001	0	0
15	FACE1,1	PY	-.001	-.001	0	0
16	GRATING SUPPORT1	PY	-.002	-.002	0	0
17	GRATING SUPPORT2	PY	-.002	-.002	0	0
18	GRATING SUPPORT3	PY	-.002	-.002	0	0
19	GRATING SUPPORT4	PY	-.002	-.002	0	0
20	GRATING SUPPORT5	PY	-.002	-.002	0	0
21	GRATING SUPPORT6	PY	-.002	-.002	0	0
22	KICKER1	PY	-.004	-.004	0	0
23	KICKER2	PY	-.004	-.004	0	0
24	KICKER3	PY	-.004	-.004	0	0
25	MP ALPHA1	PY	-.003	-.003	0	0
26	MP ALPHA2	PY	-.003	-.003	0	0
27	MP ALPHA3	PY	-.003	-.003	0	0
28	MP ALPHA4	PY	-.003	-.003	0	0
29	MP BETA1	PY	-.003	-.003	0	0
30	MP BETA2	PY	-.003	-.003	0	0
31	MP BETA3	PY	-.003	-.003	0	0
32	MP BETA4	PY	-.003	-.003	0	0
33	MP GAMMA1	PY	-.003	-.003	0	0
34	MP GAMMA2	PY	-.003	-.003	0	0
35	MP GAMMA3	PY	-.003	-.003	0	0
36	MP GAMMA4	PY	-.003	-.003	0	0
37	RAIL3	PY	-.002	-.002	0	0
38	RAIL2	PY	-.002	-.002	0	0
39	RAIL1	PY	-.001	-.001	0	0
40	SO SUPPORT1	PY	-.002	-.002	0	0
41	SO SUPPORT2	PY	-.002	-.002	0	0
42	SO SUPPORT3	PY	-.002	-.002	0	0
43	SO SUPPORT4	PY	-.002	-.002	0	0
44	SO SUPPORT5	PY	-.002	-.002	0	0
45	SO SUPPORT6	PY	-.002	-.002	0	0
46	STANDOFF1,1	PY	-.001	-.001	0	0
47	STANDOFF1,2	PY	-.001	-.001	0	0
48	STANDOFF2,1	PY	-.001	-.001	0	0
49	STANDOFF2,2	PY	-.001	-.001	0	0
50	STANDOFF3,1	PY	-.001	-.001	0	0
51	STANDOFF3,2	PY	-.001	-.001	0	0
52	SUPPORT1	PY	-.002	-.002	0	0
53	SUPPORT2	PY	-.002	-.002	0	0
54	SUPPORT3	PY	-.002	-.002	0	0
55	SUPPORT4	PY	-.002	-.002	0	0
56	SUPPORT5	PY	-.002	-.002	0	0
57	SUPPORT6	PY	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	ANGLE1	PX	.001	.001	0	0
59	ANGLE2	PX	.001	.001	0	0
60	ANGLE3	PX	.001	.001	0	0
61	CORNER1	PX	.002	.002	0	0
62	CORNER2	PX	.002	.002	0	0
63	CORNER3	PX	.002	.002	0	0
64	FACE3,3	PX	.002	.002	0	0
65	FACE3,2	PX	.002	.002	0	0
66	FACE3,1	PX	.002	.002	0	0
67	FACE2,3	PX	.002	.002	0	0
68	FACE2,2	PX	.002	.002	0	0
69	FACE2,1	PX	.002	.002	0	0
70	FACE1,3	PX	.000753	.000753	0	0
71	FACE1,2	PX	.000753	.000753	0	0
72	FACE1,1	PX	.000753	.000753	0	0
73	GRATING SUPPORT1	PX	.001	.001	0	0
74	GRATING SUPPORT2	PX	.001	.001	0	0
75	GRATING SUPPORT3	PX	.001	.001	0	0
76	GRATING SUPPORT4	PX	.001	.001	0	0
77	GRATING SUPPORT5	PX	.001	.001	0	0
78	GRATING SUPPORT6	PX	.001	.001	0	0
79	KICKER1	PX	.002	.002	0	0
80	KICKER2	PX	.002	.002	0	0
81	KICKER3	PX	.002	.002	0	0
82	MP ALPHA1	PX	.002	.002	0	0
83	MP ALPHA2	PX	.002	.002	0	0
84	MP ALPHA3	PX	.002	.002	0	0
85	MP ALPHA4	PX	.002	.002	0	0
86	MP BETA1	PX	.002	.002	0	0
87	MP BETA2	PX	.002	.002	0	0
88	MP BETA3	PX	.002	.002	0	0
89	MP BETA4	PX	.002	.002	0	0
90	MP GAMMA1	PX	.002	.002	0	0
91	MP GAMMA2	PX	.002	.002	0	0
92	MP GAMMA3	PX	.002	.002	0	0
93	MP GAMMA4	PX	.002	.002	0	0
94	RAIL3	PX	.001	.001	0	0
95	RAIL2	PX	.001	.001	0	0
96	RAIL1	PX	.000631	.000631	0	0
97	SO SUPPORT1	PX	.001	.001	0	0
98	SO SUPPORT2	PX	.001	.001	0	0
99	SO SUPPORT3	PX	.001	.001	0	0
100	SO SUPPORT4	PX	.001	.001	0	0
101	SO SUPPORT5	PX	.001	.001	0	0
102	SO SUPPORT6	PX	.001	.001	0	0
103	STANDOFF1,1	PX	.000728	.000728	0	0
104	STANDOFF1,2	PX	.000728	.000728	0	0
105	STANDOFF2,1	PX	.000728	.000728	0	0
106	STANDOFF2,2	PX	.000728	.000728	0	0
107	STANDOFF3,1	PX	.000728	.000728	0	0
108	STANDOFF3,2	PX	.000728	.000728	0	0
109	SUPPORT1	PX	.001	.001	0	0
110	SUPPORT2	PX	.001	.001	0	0
111	SUPPORT3	PX	.001	.001	0	0
112	SUPPORT4	PX	.001	.001	0	0
113	SUPPORT5	PX	.001	.001	0	0
114	SUPPORT6	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	GRATING SUPPORT1	Z	-.021	-.026	0	.275
2	GRATING SUPPORT1	Z	-.026	-.024	.275	.55
3	GRATING SUPPORT1	Z	-.024	-.025	.55	.825
4	GRATING SUPPORT1	Z	-.025	-.028	.825	1.1
5	GRATING SUPPORT1	Z	-.028	-.021	1.1	1.375
6	GRATING SUPPORT2	Z	-.021	-.026	0	.275
7	GRATING SUPPORT2	Z	-.026	-.024	.275	.55
8	GRATING SUPPORT2	Z	-.024	-.025	.55	.825
9	GRATING SUPPORT2	Z	-.025	-.028	.825	1.1
10	GRATING SUPPORT2	Z	-.028	-.021	1.1	1.375
11	SO SUPPORT2	Z	2.691e-18	-.008	0	.516
12	SO SUPPORT2	Z	-.008	-.016	.516	1.031
13	SO SUPPORT2	Z	-.016	-.011	1.031	1.547
14	SO SUPPORT2	Z	-.011	-.003	1.547	2.063
15	SO SUPPORT2	Z	-.003	2.691e-18	2.063	2.579
16	SO SUPPORT3	Z	2.691e-18	-.003	.645	1.16
17	SO SUPPORT3	Z	-.003	-.011	1.16	1.676
18	SO SUPPORT3	Z	-.011	-.017	1.676	2.192
19	SO SUPPORT3	Z	-.017	-.008	2.192	2.708
20	SO SUPPORT3	Z	-.008	2.691e-18	2.708	3.224
21	SUPPORT2	Z	-.018	-.01	0	.55
22	SUPPORT2	Z	-.01	-.006	.55	1.1
23	SUPPORT2	Z	-.006	-.006	1.1	1.65
24	SUPPORT2	Z	-.006	-.006	1.65	2.2
25	SUPPORT2	Z	-.006	-.006	2.2	2.75
26	SUPPORT3	Z	-.017	-.01	0	.55
27	SUPPORT3	Z	-.01	-.006	.55	1.1
28	SUPPORT3	Z	-.006	-.005	1.1	1.65
29	SUPPORT3	Z	-.005	-.005	1.65	2.2
30	SUPPORT3	Z	-.005	-.007	2.2	2.75
31	GRATING SUPPORT5	Z	-.021	-.026	0	.275
32	GRATING SUPPORT5	Z	-.026	-.024	.275	.55
33	GRATING SUPPORT5	Z	-.024	-.025	.55	.825
34	GRATING SUPPORT5	Z	-.025	-.028	.825	1.1
35	GRATING SUPPORT5	Z	-.028	-.021	1.1	1.375
36	GRATING SUPPORT6	Z	-.021	-.026	0	.275
37	GRATING SUPPORT6	Z	-.026	-.024	.275	.55
38	GRATING SUPPORT6	Z	-.024	-.025	.55	.825
39	GRATING SUPPORT6	Z	-.025	-.028	.825	1.1
40	GRATING SUPPORT6	Z	-.028	-.021	1.1	1.375
41	SO SUPPORT4	Z	0	-.008	0	.516
42	SO SUPPORT4	Z	-.008	-.016	.516	1.031
43	SO SUPPORT4	Z	-.016	-.011	1.031	1.547
44	SO SUPPORT4	Z	-.011	-.003	1.547	2.063
45	SO SUPPORT4	Z	-.003	0	2.063	2.579
46	SO SUPPORT5	Z	1.345e-18	-.003	.645	1.16
47	SO SUPPORT5	Z	-.003	-.011	1.16	1.676
48	SO SUPPORT5	Z	-.011	-.017	1.676	2.192
49	SO SUPPORT5	Z	-.017	-.008	2.192	2.708
50	SO SUPPORT5	Z	-.008	1.345e-18	2.708	3.224
51	SUPPORT4	Z	-.018	-.01	0	.55
52	SUPPORT4	Z	-.01	-.006	.55	1.1
53	SUPPORT4	Z	-.006	-.006	1.1	1.65
54	SUPPORT4	Z	-.006	-.006	1.65	2.2
55	SUPPORT4	Z	-.006	-.006	2.2	2.75
56	SUPPORT5	Z	-.017	-.01	0	.55
57	SUPPORT5	Z	-.01	-.006	.55	1.1

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	SUPPORT5	Z	-.006	-.005	1.1	1.65
59	SUPPORT5	Z	-.005	-.005	1.65	2.2
60	SUPPORT5	Z	-.005	-.007	2.2	2.75
61	GRATING SUPPORT3	Z	-.021	-.026	0	.275
62	GRATING SUPPORT3	Z	-.026	-.024	.275	.55
63	GRATING SUPPORT3	Z	-.024	-.025	.55	.825
64	GRATING SUPPORT3	Z	-.025	-.028	.825	1.1
65	GRATING SUPPORT3	Z	-.028	-.021	1.1	1.375
66	GRATING SUPPORT4	Z	-.021	-.026	0	.275
67	GRATING SUPPORT4	Z	-.026	-.024	.275	.55
68	GRATING SUPPORT4	Z	-.024	-.025	.55	.825
69	GRATING SUPPORT4	Z	-.025	-.028	.825	1.1
70	GRATING SUPPORT4	Z	-.028	-.021	1.1	1.375
71	SO SUPPORT1	Z	0	-.003	.645	1.161
72	SO SUPPORT1	Z	-.003	-.011	1.161	1.676
73	SO SUPPORT1	Z	-.011	-.017	1.676	2.192
74	SO SUPPORT1	Z	-.017	-.008	2.192	2.708
75	SO SUPPORT1	Z	-.008	0	2.708	3.224
76	SO SUPPORT6	Z	0	-.008	0	.516
77	SO SUPPORT6	Z	-.008	-.016	.516	1.031
78	SO SUPPORT6	Z	-.016	-.011	1.031	1.547
79	SO SUPPORT6	Z	-.011	-.003	1.547	2.063
80	SO SUPPORT6	Z	-.003	0	2.063	2.579
81	SUPPORT1	Z	-.017	-.01	0	.55
82	SUPPORT1	Z	-.01	-.006	.55	1.1
83	SUPPORT1	Z	-.006	-.005	1.1	1.65
84	SUPPORT1	Z	-.005	-.005	1.65	2.2
85	SUPPORT1	Z	-.005	-.007	2.2	2.75
86	SUPPORT6	Z	-.018	-.01	0	.55
87	SUPPORT6	Z	-.01	-.006	.55	1.1
88	SUPPORT6	Z	-.006	-.006	1.1	1.65
89	SUPPORT6	Z	-.006	-.006	1.65	2.2
90	SUPPORT6	Z	-.006	-.006	2.2	2.75

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	GRATING SUPPORT1	Z	-.04	-.05	0	.275
2	GRATING SUPPORT1	Z	-.05	-.045	.275	.55
3	GRATING SUPPORT1	Z	-.045	-.047	.55	.825
4	GRATING SUPPORT1	Z	-.047	-.052	.825	1.1
5	GRATING SUPPORT1	Z	-.052	-.039	1.1	1.375
6	GRATING SUPPORT2	Z	-.04	-.05	0	.275
7	GRATING SUPPORT2	Z	-.05	-.045	.275	.55
8	GRATING SUPPORT2	Z	-.045	-.047	.55	.825
9	GRATING SUPPORT2	Z	-.047	-.052	.825	1.1
10	GRATING SUPPORT2	Z	-.052	-.039	1.1	1.375
11	SO SUPPORT2	Z	-5.382e-18	-.016	0	.516
12	SO SUPPORT2	Z	-.016	-.03	.516	1.031
13	SO SUPPORT2	Z	-.03	-.021	1.031	1.547
14	SO SUPPORT2	Z	-.021	-.006	1.547	2.063
15	SO SUPPORT2	Z	-.006	-5.382e-18	2.063	2.579
16	SO SUPPORT3	Z	-2.691e-18	-.006	.645	1.16
17	SO SUPPORT3	Z	-.006	-.022	1.16	1.676
18	SO SUPPORT3	Z	-.022	-.032	1.676	2.192
19	SO SUPPORT3	Z	-.032	-.016	2.192	2.708
20	SO SUPPORT3	Z	-.016	-2.691e-18	2.708	3.224

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
21	SUPPORT2	Z	-.033	-.019	0	.55
22	SUPPORT2	Z	-.019	-.012	.55	1.1
23	SUPPORT2	Z	-.012	-.011	1.1	1.65
24	SUPPORT2	Z	-.011	-.011	1.65	2.2
25	SUPPORT2	Z	-.011	-.012	2.2	2.75
26	SUPPORT3	Z	-.033	-.019	0	.55
27	SUPPORT3	Z	-.019	-.012	.55	1.1
28	SUPPORT3	Z	-.012	-.01	1.1	1.65
29	SUPPORT3	Z	-.01	-.009	1.65	2.2
30	SUPPORT3	Z	-.009	-.013	2.2	2.75
31	GRATING SUPPORT5	Z	-.04	-.05	0	.275
32	GRATING SUPPORT5	Z	-.05	-.045	.275	.55
33	GRATING SUPPORT5	Z	-.045	-.047	.55	.825
34	GRATING SUPPORT5	Z	-.047	-.052	.825	1.1
35	GRATING SUPPORT5	Z	-.052	-.039	1.1	1.375
36	GRATING SUPPORT6	Z	-.04	-.05	0	.275
37	GRATING SUPPORT6	Z	-.05	-.045	.275	.55
38	GRATING SUPPORT6	Z	-.045	-.047	.55	.825
39	GRATING SUPPORT6	Z	-.047	-.052	.825	1.1
40	GRATING SUPPORT6	Z	-.052	-.039	1.1	1.375
41	SO SUPPORT4	Z	-5.382e-18	-.016	0	.516
42	SO SUPPORT4	Z	-.016	-.03	.516	1.031
43	SO SUPPORT4	Z	-.03	-.021	1.031	1.547
44	SO SUPPORT4	Z	-.021	-.006	1.547	2.063
45	SO SUPPORT4	Z	-.006	-5.382e-18	2.063	2.579
46	SO SUPPORT5	Z	0	-.006	.645	1.16
47	SO SUPPORT5	Z	-.006	-.022	1.16	1.676
48	SO SUPPORT5	Z	-.022	-.032	1.676	2.192
49	SO SUPPORT5	Z	-.032	-.016	2.192	2.708
50	SO SUPPORT5	Z	-.016	0	2.708	3.224
51	SUPPORT4	Z	-.033	-.019	0	.55
52	SUPPORT4	Z	-.019	-.012	.55	1.1
53	SUPPORT4	Z	-.012	-.011	1.1	1.65
54	SUPPORT4	Z	-.011	-.011	1.65	2.2
55	SUPPORT4	Z	-.011	-.012	2.2	2.75
56	SUPPORT5	Z	-.033	-.019	0	.55
57	SUPPORT5	Z	-.019	-.012	.55	1.1
58	SUPPORT5	Z	-.012	-.01	1.1	1.65
59	SUPPORT5	Z	-.01	-.009	1.65	2.2
60	SUPPORT5	Z	-.009	-.013	2.2	2.75
61	GRATING SUPPORT3	Z	-.04	-.05	0	.275
62	GRATING SUPPORT3	Z	-.05	-.045	.275	.55
63	GRATING SUPPORT3	Z	-.045	-.047	.55	.825
64	GRATING SUPPORT3	Z	-.047	-.052	.825	1.1
65	GRATING SUPPORT3	Z	-.052	-.039	1.1	1.375
66	GRATING SUPPORT4	Z	-.04	-.05	0	.275
67	GRATING SUPPORT4	Z	-.05	-.045	.275	.55
68	GRATING SUPPORT4	Z	-.045	-.047	.55	.825
69	GRATING SUPPORT4	Z	-.047	-.052	.825	1.1
70	GRATING SUPPORT4	Z	-.052	-.039	1.1	1.375
71	SO SUPPORT1	Z	2.691e-18	-.006	.645	1.161
72	SO SUPPORT1	Z	-.006	-.022	1.161	1.676
73	SO SUPPORT1	Z	-.022	-.032	1.676	2.192
74	SO SUPPORT1	Z	-.032	-.016	2.192	2.708
75	SO SUPPORT1	Z	-.016	2.691e-18	2.708	3.224
76	SO SUPPORT6	Z	0	-.016	0	.516
77	SO SUPPORT6	Z	-.016	-.03	.516	1.031

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
78	SO SUPPORT6	Z	-.03	-.021	1.031	1.547
79	SO SUPPORT6	Z	-.021	-.006	1.547	2.063
80	SO SUPPORT6	Z	-.006	0	2.063	2.579
81	SUPPORT1	Z	-.033	-.019	0	.55
82	SUPPORT1	Z	-.019	-.012	.55	1.1
83	SUPPORT1	Z	-.012	-.01	1.1	1.65
84	SUPPORT1	Z	-.01	-.009	1.65	2.2
85	SUPPORT1	Z	-.009	-.013	2.2	2.75
86	SUPPORT6	Z	-.033	-.019	0	.55
87	SUPPORT6	Z	-.019	-.012	.55	1.1
88	SUPPORT6	Z	-.012	-.011	1.1	1.65
89	SUPPORT6	Z	-.011	-.011	1.65	2.2
90	SUPPORT6	Z	-.011	-.012	2.2	2.75

Member Area Loads (BLC 3 : Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N110	N119A	N122	N113	Z	A-B	-.01
2	N120B	N99	N102A	N123	Z	A-B	-.01
3	N100A	N109	N112	N103	Z	A-B	-.01

Member Area Loads (BLC 27 : Ice Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N110	N119A	N122	N113	Z	A-B	-.019
2	N120B	N99	N102A	N123	Z	A-B	-.019
3	N100A	N109	N112	N103	Z	A-B	-.019

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	N128A	max	4.863	8	3.038	5	-.236	26	1.035	18	-.135	23	1.975	17
2		min	-1.692	26	-1.229	23	-2.394	9	-.109	35	-1.851	6	-1.99	35
3	N127A	max	1.691	14	2.815	32	-.236	14	1.146	27	1.787	36	1.981	5
4		min	-4.834	32	-1.022	14	-2.391	33	-.173	8	.169	17	-1.99	23
5	N126A	max	1.49	11	1.946	2	-.235	2	-.222	2	.602	11	2.143	29
6		min	-1.466	29	-5.595	20	-2.395	21	-2.091	21	-.576	29	-2.155	11
7	N187	max	.044	35	5.592	21	6.364	21	1.591	21	.151	11	.149	29
8		min	-.052	17	1.26	2	1.398	2	.35	2	-.169	29	-.131	11
9	N191	max	-1.101	26	-.631	26	6.363	9	-.053	29	1.393	6	.16	29
10		min	-4.83	9	-2.814	9	1.403	26	-.784	12	.276	23	-.139	11
11	N195	max	4.85	33	-.651	14	6.357	33	-.06	11	-.275	17	.166	29
12		min	1.089	14	-2.77	33	1.403	14	-.842	30	-1.359	36	-.152	11
13	Totals:	max	6.057	11	6.057	2	11.649	30						
14		min	-6.057	29	-6.109	20	4.706	11						

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribu...	Area(M...	Surface...
1	Live Load	DL					1			
2	Wind Load (0)	DL					30	57		
3	Dead Load	DL			-1.1		30		3	
4	Wind Load (30)	DL					60	114		
5	Wind Load (60)	DL					60	114		
6	Wind Load (90)	DL					30	57		
7	Wind Load (120)	DL					60	114		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribu..	Area(M...	Surface...
8	Wind Load (150)	DL					60	114		
9	Wind Load (180)	DL					30	57		
10	Wind Load (210)	DL					60	114		
11	Wind Load (240)	DL					60	114		
12	Wind Load (270)	DL					30	57		
13	Wind Load (300)	DL					60	114		
14	Wind Load (330)	DL					60	114		
15	Maintanence (0)	DL					30	57		
16	Maintanence (30)	DL					60	114		
17	Maintanence (60)	DL					60	114		
18	Maintanence (90)	DL					30	57		
19	Maintanence (120)	DL					60	114		
20	Maintanence (150)	DL					60	114		
21	Maintanence (180)	DL					30	57		
22	Maintanence (210)	DL					60	114		
23	Maintanence (240)	DL					60	114		
24	Maintanence (270)	DL					30	57		
25	Maintanence (300)	DL					60	114		
26	Maintanence (330)	DL					60	114		
27	Ice Dead Load	DL					30	57	3	
28	Ice Wind Load (0)	DL					30	57		
29	Ice Wind Load (30)	DL					60	114		
30	Ice Wind Load (60)	DL					60	114		
31	Ice Wind Load (90)	DL					30	57		
32	Ice Wind Load (120)	DL					60	114		
33	Ice Wind Load (150)	DL					60	114		
34	Ice Wind Load (180)	DL					30	57		
35	Ice Wind Load (210)	DL					60	114		
36	Ice Wind Load (240)	DL					60	114		
37	Ice Wind Load (270)	DL					30	57		
38	Ice Wind Load (300)	DL					60	114		
39	Ice Wind Load (330)	DL					60	114		
40	Earthquake (x-direction)	DL	-.106				30			
41	Earthquake (y-direction)	DL		-.106			30			
42	Earthquake (z-direction)	DL			-.042		30			
43	BLC 3 Transient Area Loads	None						90		
44	BLC 27 Transient Area Loads	None						90		

Load Combinations

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.4D	Y...	Y		3	1.4																				
2	1.2D + 1.0W(0)	Y...	Y		3	1.2	2	1																		
3	1.2D + 1.0Di + 1.0Wi(0)	Y...	Y		3	1.2	27	1	28	1																
4	1.2D + 1.5L + 1.0Wl(0)	Y...	Y		3	1.2	1	1.5	15	1																
5	1.2D + 1.0W(30)	Y...	Y		3	1.2	4	1																		
6	1.2D + 1.0Di + 1.0Wi(30)	Y...	Y		3	1.2	27	1	29	1																
7	1.2D + 1.5L + 1.0Wl(30)	Y...	Y		3	1.2	1	1.5	16	1																
8	1.2D + 1.0W(60)	Y...	Y		3	1.2	5	1																		
9	1.2D + 1.0Di + 1.0Wi(60)	Y...	Y		3	1.2	27	1	30	1																
10	1.2D + 1.5L + 1.0Wl(60)	Y...	Y		3	1.2	1	1.5	17	1																
11	1.2D + 1.0W(90)	Y...	Y		3	1.2	6	1																		
12	1.2D + 1.0Di + 1.0Wi(90)	Y...	Y		3	1.2	27	1	31	1																
13	1.2D + 1.5L + 1.0Wl(90)	Y...	Y		3	1.2	1	1.5	18	1																
14	1.2D + 1.0W(120)	Y...	Y		3	1.2	7	1																		
15	1.2D + 1.0Di + 1.0Wi(120)	Y...	Y		3	1.2	27	1	32	1																

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
16	1.2D + 1.5L + 1.0Wl(120)	Y...	Y		3	1.2	1	1.5	19	1																
17	1.2D + 1.0W(150)	Y...	Y		3	1.2	8	1																		
18	1.2D + 1.0Di + 1.0Wi(150)	Y...	Y		3	1.2	27	1	33	1																
19	1.2D + 1.5L + 1.0Wl(150)	Y...	Y		3	1.2	1	1.5	20	1																
20	1.2D + 1.0W(180)	Y...	Y		3	1.2	9	1																		
21	1.2D + 1.0Di + 1.0Wi(180)	Y...	Y		3	1.2	27	1	34	1																
22	1.2D + 1.5L + 1.0Wl(180)	Y...	Y		3	1.2	1	1.5	21	1																
23	1.2D + 1.0W(210)	Y...	Y		3	1.2	10	1																		
24	1.2D + 1.0Di + 1.0Wi(210)	Y...	Y		3	1.2	27	1	35	1																
25	1.2D + 1.5L + 1.0Wl(210)	Y...	Y		3	1.2	1	1.5	22	1																
26	1.2D + 1.0W(240)	Y...	Y		3	1.2	11	1																		
27	1.2D + 1.0Di + 1.0Wi(240)	Y...	Y		3	1.2	27	1	36	1																
28	1.2D + 1.5L + 1.0Wl(240)	Y...	Y		3	1.2	1	1.5	23	1																
29	1.2D + 1.0W(270)	Y...	Y		3	1.2	12	1																		
30	1.2D + 1.0Di + 1.0Wi(270)	Y...	Y		3	1.2	27	1	37	1																
31	1.2D + 1.5L + 1.0Wl(270)	Y...	Y		3	1.2	1	1.5	24	1																
32	1.2D + 1.0W(300)	Y...	Y		3	1.2	13	1																		
33	1.2D + 1.0Di + 1.0Wi(300)	Y...	Y		3	1.2	27	1	38	1																
34	1.2D + 1.5L + 1.0Wl(300)	Y...	Y		3	1.2	1	1.5	25	1																
35	1.2D + 1.0W(330)	Y...	Y		3	1.2	14	1																		
36	1.2D + 1.0Di + 1.0Wi(330)	Y...	Y		3	1.2	27	1	39	1																
37	1.2D + 1.5L + 1.0Wl(330)	Y...	Y		3	1.2	1	1.5	26	1																
38	1.2D + 1.0E(x) + 1.0E(z) + L	Y...	Y		3	1.2	40	1	42	1	1	1														
39	1.2D + 1.0E(y) + 1.0E(z) + L	Y...	Y		3	1.2	41	1	42	1	1	1														
40	1.2D - 1.0E(x) + 1.0E(z) + L	Y...	Y		3	1.2	40	-1	42	1	1	1														
41	1.2D - 1.0E(y) + 1.0E(z) + L	Y...	Y		3	1.2	41	-1	42	1	1	1														

Envelope AISC 14th(360-10): LRFD Steel Code Checks

	Member	Shape	Code Che...	Loc...	LC	Shear ...	Loc.....	L...	phi*Pn...	phi*Pn...	phi*M...	phi*M...	...	Eqn
1	CORNER1	6x0.625	.396	.667	35	.931	.667 y	27	80.312	121.5	1.582	15.188	1...	H1-1b
2	CORNER2	6x0.625	.366	.68	11	.931	.68 y	3	80.327	121.5	1.582	15.188	1...	H1-1b
3	CORNER3	6x0.625	.362	.653	23	.931	.653 y	15	80.311	121.5	1.582	15.188	1...	H1-1b
4	RAIL1	PIPE_2.0	.392	12....	33	.182	.755	20	4.679	32.13	1.872	1.872	3...	H1-1b
5	RAIL3	PIPE_2.0	.393	12....	21	.182	.755	8	4.679	32.13	1.872	1.872	3...	H1-1b
6	RAIL2	PIPE_2.0	.394	12....	9	.182	.755	32	4.679	32.13	1.872	1.872	3...	H1-1b
7	FACE1,3	PIPE_3.0	.248	4.5	33	.172	4.5	3	58.506	65.205	5.749	5.749	1...	H1-1b
8	FACE3,1	PIPE_3.0	.248	4.5	21	.172	4.5	27	58.506	65.205	5.749	5.749	1...	H1-1b
9	FACE2,3	PIPE_3.0	.248	0	9	.172	0	15	58.506	65.205	5.749	5.749	1...	H1-1b
10	MP ALPHA4	PIPE_2.0	.535	3	9	.170	3	20	14.916	32.13	1.872	1.872	2...	H1-1b
11	FACE2,1	PIPE_3.0	.256	4.5	24	.168	4.5	21	58.507	65.205	5.749	5.749	1...	H1-1b
12	FACE1,1	PIPE_3.0	.257	0	12	.168	0	9	58.506	65.205	5.749	5.749	1...	H1-1b
13	FACE3,3	PIPE_3.0	.257	0	36	.168	0	33	58.506	65.205	5.749	5.749	1...	H1-1b
14	MP BETA4	PIPE_2.0	.536	3	21	.168	3	32	14.916	32.13	1.872	1.872	2...	H1-1b
15	MP GAMMA4	PIPE_2.0	.535	3	33	.167	3	8	14.916	32.13	1.872	1.872	2...	H1-1b
16	MP ALPHA1	PIPE_2.0	.451	3	30	.142	3	23	14.916	32.13	1.872	1.872	2...	H1-1b
17	MP GAMMA1	PIPE_2.0	.454	3	18	.142	3	11	14.916	32.13	1.872	1.872	2...	H1-1b
18	MP BETA1	PIPE_2.0	.454	3	6	.140	3	35	14.916	32.13	1.872	1.872	2...	H1-1b
19	STANDOFF2,2	HSS3X3X6	.773	3.1...	30	.122	3.1... z	24	110.038	140.346	11.213	11.213	1...	H1-1b
20	STANDOFF1,2	HSS3X3X6	.772	3.1...	6	.121	3.1... z	36	110.034	140.346	11.213	11.213	1...	H1-1b
21	STANDOFF3,2	HSS3X3X6	.772	3.1...	18	.121	3.1... z	12	110.038	140.346	11.213	11.213	1...	H1-1b
22	STANDOFF3,1	HSS3X3X6	.285	2.0...	18	.103	0 y	11	123.527	140.346	11.213	11.213	1...	H1-1b
23	FACE1,2	PIPE_3.0	.226	4.1...	27	.103	0	20	58.506	65.205	5.749	5.749	1...	H1-1b
24	FACE2,2	PIPE_3.0	.226	.375	3	.102	4.5	32	58.506	65.205	5.749	5.749	1...	H1-1b
25	FACE3,2	PIPE_3.0	.226	4.1...	15	.101	0	8	58.506	65.205	5.749	5.749	1...	H1-1b
26	STANDOFF2,1	HSS3X3X6	.285	2.0...	30	.100	0 y	23	123.527	140.346	11.213	11.213	1...	H1-1b

Envelope AISC 14th(360-10): LRFD Steel Code Checks (Continued)

	Member	Shape	Code Che...	Loc...	LC	Shear ...	Loc.....		L...	phi*Pn...	phi*Pn...	phi*M...	phi*M...	...	Eqn
27	STANDOFF1_1	HSS3X3X6	.284	2.0...	6	.099	0	y	35	123.527	140.346	11.213	11.213	1...	H1-1b
28	MP BETA2	PIPE_2.0	.412	3	2	.083	3		11	14.916	32.13	1.872	1.872	2...	H1-1b
29	MP ALPHA2	PIPE_2.0	.408	3	26	.082	3		35	14.916	32.13	1.872	1.872	2...	H1-1b
30	MP GAMMA2	PIPE_2.0	.416	3	14	.081	3		23	14.916	32.13	1.872	1.872	2...	H1-1b
31	ANGLE2	L2.5x2.5x3	.305	1.8...	20	.071	1.8...	y	20	25.785	29.192	.873	1.972	2...	H2-1
32	ANGLE3	L2.5x2.5x3	.295	1.8...	32	.070	1.8...	y	32	25.785	29.192	.873	1.972	2...	H2-1
33	ANGLE1	L2.5x2.5x3	.304	1.8...	11	.070	1.8...	y	8	25.785	29.192	.873	1.972	2...	H2-1
34	MP GAMMA3	PIPE_2.0	.370	3	32	.067	3		32	14.916	32.13	1.872	1.872	2...	H1-1b
35	MP ALPHA3	PIPE_2.0	.369	3	8	.065	3		8	14.916	32.13	1.872	1.872	2...	H1-1b
36	MP BETA3	PIPE_2.0	.370	3	20	.065	3		20	14.916	32.13	1.872	1.872	2...	H1-1b
37	SO SUPPORT5	L2.5x1.5x4	.262	1.31	9	.058	0	z	12	14.285	30.683	.461	1.583	1...	H2-1
38	SO SUPPORT3	L2.5x1.5x4	.261	1.31	21	.058	0	z	24	14.285	30.683	.461	1.583	1...	H2-1
39	SO SUPPORT1	L2.5x1.5x4	.260	1.31	33	.058	0	z	36	14.284	30.683	.461	1.582	1...	H2-1
40	SO SUPPORT6	L2.5x1.5x4	.261	1.9...	33	.054	3.2...	z	33	14.287	30.683	.461	1.582	1...	H2-1
41	SO SUPPORT2	L2.5x1.5x4	.260	1.9...	21	.054	3.2...	z	21	14.286	30.683	.461	1.582	1...	H2-1
42	SO SUPPORT4	L2.5x1.5x4	.260	1.9...	9	.054	3.2...	z	9	14.287	30.683	.461	1.582	1...	H2-1
43	SUPPORT4	L2.5x2.5x4	.846	2.75	30	.046	2.75	z	24	30.125	38.556	1.114	2.537	1...	H2-1
44	SUPPORT2	L2.5x2.5x4	.847	2.75	6	.046	2.75	z	36	30.125	38.556	1.114	2.537	1...	H2-1
45	SUPPORT6	L2.5x2.5x4	.848	2.75	18	.046	2.75	z	12	30.125	38.556	1.114	2.537	1...	H2-1
46	SUPPORT5	L2.5x2.5x4	.806	2.75	24	.038	2.75	z	24	30.125	38.556	1.114	2.537	1...	H2-1
47	SUPPORT3	L2.5x2.5x4	.805	2.75	36	.038	2.75	z	36	30.125	38.556	1.114	2.537	1...	H2-1
48	SUPPORT1	L2.5x2.5x4	.805	2.75	12	.038	2.75	z	12	30.125	38.556	1.114	2.537	1...	H2-1
49	GRATING SUPPOR...	L2.5x1.5x4	.143	.788	9	.019	0	z	12	26.698	30.683	.461	1.597	1...	H2-1
50	GRATING SUPPOR...	L2.5x1.5x4	.143	.788	21	.019	0	z	24	26.698	30.683	.461	1.597	1...	H2-1
51	GRATING SUPPOR...	L2.5x1.5x4	.142	.788	33	.019	0	z	36	26.698	30.683	.461	1.597	1...	H2-1
52	GRATING SUPPOR...	L2.5x1.5x4	.142	.587	33	.017	1.3...	z	33	26.698	30.683	.461	1.597	1...	H2-1
53	GRATING SUPPOR...	L2.5x1.5x4	.142	.587	21	.017	1.3...	z	21	26.698	30.683	.461	1.597	1...	H2-1
54	GRATING SUPPOR...	L2.5x1.5x4	.142	.587	9	.017	1.3...	z	9	26.698	30.683	.461	1.597	1...	H2-1
55	KICKER2	LL2.5x2.5x3x6	.229	3.4...	6	.009	5.0...	z	32	41.813	58.32	4.643	2.55	2...	H1-1a
56	KICKER1	LL2.5x2.5x3x6	.227	3.6...	30	.009	5.0...	z	20	41.813	58.32	4.643	2.55	2...	H1-1a
57	KICKER3	LL2.5x2.5x3x6	.229	3.5...	18	.009	5.0...	z	8	41.813	58.32	4.643	2.55	2...	H1-1a

APPENDIX D

Additional Calculations

POD
POWER OF DESIGN

POD Job #	**20-65326**
Site Number	**829013**
Site Name	**West Hartford/I-84/X43**

Connection Type: Single Shear

RISA 3D Forces

Axial (Bolts)	0.11	kips
Shear (Bolts)	8.472	kips
Axial Force (Member)	8.472	kips

Bolt/Member Information

Member Label	KICKER2	
# of Bolts	1	
Diameter	0.625	inches
Bolt Grade	A325	
Member Grade	A36	
Threads Included?	Yes	
L_b	0	inches
L_c	0.875	inches
t	0.1875	inches

Shear Capacity	**61.4%**
Axial Capacity	**0.5%**
Bearing Capacity	**78.7%**
Combined Capacity	**37.7%**

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POD
POWER OF DESIGN

POD Job #	**20-65326**
Site Number	**829013**
Site Name	**West Hartford/I-84/X43**

Calculations Based on *TIA-222-H*

Reactions from RISA-3D

Moment	2.836	ft-kip
Axial	10.373	kips
Shear	2.449	kips

Capacities

Bolts	*11.5%*
Flange Plate	*25.0%*

Bolt Information

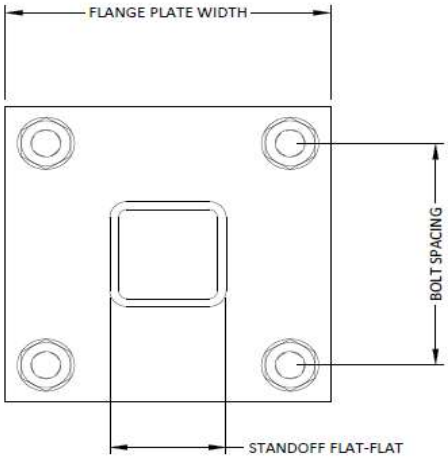
Grade	A325	
Threads in Shear Plane	Included	
Diameter	0.625	in.
Bolt Spacing	4	in.
Number of Rods	4	

Flange Plate Inforation

Width	6	in.
Thickness	0.75	in.
Grade	A36	

Standoff Information

Standoff Member	HSS	
Flat-Flat	3	in.
Thickness	0.25	in.



Bolt Calculations

ϕ	0.75	
A_{nt}	0.226	in^2
A_b	0.307	in^2
Fu	120	ksi
ϕR_{nV}	13.81	kips
ϕR_{nt}	20.34	kips
V	0.61	kips
F	6.83	kips
Capacity	11.5%	

Flange Plate Calculations

ϕ	0.9	
Fy	36	ksi
t_{min}	0.16	in
Z	0.8	in^3
ϕM_n	27.3	in-kip
M_u	6.8	in-kip
Capacity	25.0%	

Ver 1.0 - 3/5/2019

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: CT11178D

West Hartford/I-84/X43
467 South Quaker Lane (Church of St. Mark)
West Hartford, Connecticut 06110

July 9, 2020

EBI Project Number: 6220002985

Site Compliance Summary	
Compliance Status:	**COMPLIANT**
Site total MPE% of FCC general population allowable limit:	**36.21%**

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

July 9, 2020

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

Emissions Analysis for Site: CT1178D - West Hartford/I-84/X43

EBI Consulting was directed to analyze the proposed T-Mobile facility located at **467 South Quaker Lane (Church of St. Mark)** in **West Hartford, 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 467 South Quaker Lane (Church of St. Mark) in West Hartford, 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) 4 LTE channels (AWS Band – 2100 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 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 3246 for the 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 32 for the 1900 MHz / 1900 MHz / 2100 MHz channel(s), the Ericsson AIR 6449 for the 2500 MHz / 2500 MHz channel(s) in Sector A, the Ericsson AIR 3246 for the 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 32 for the 1900 MHz / 1900 MHz / 2100 MHz channel(s), the Ericsson AIR 6449 for the 2500 MHz / 2500 MHz channel(s) in Sector B, the Ericsson AIR 3246 for the 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 32 for the 1900 MHz / 1900 MHz / 2100 MHz channel(s), the Ericsson AIR 6449 for the 2500 MHz / 2500 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 120 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 3246	Make / Model:	Ericsson AIR 3246	Make / Model:	Ericsson AIR 3246
Frequency Bands:	2100 MHz	Frequency Bands:	2100 MHz	Frequency Bands:	2100 MHz
Gain:	15.85 dBd	Gain:	15.85 dBd	Gain:	15.85 dBd
Height (AGL):	120 feet	Height (AGL):	120 feet	Height (AGL):	120 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):	6,153.47	ERP (W):	6,153.47	ERP (W):	6,153.47
Antenna A1 MPE %:	**1.54%**	Antenna B1 MPE %:	**1.54%**	Antenna C1 MPE %:	**1.54%**
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):	120 feet	Height (AGL):	120 feet	Height (AGL):	120 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 %:	**3.52%**	Antenna B2 MPE %:	**3.52%**	Antenna C2 MPE %:	**3.52%**
Antenna #:	**3**	Antenna #:	**3**	Antenna #:	**3**
Make / Model:	Ericsson AIR 32	Make / Model:	Ericsson AIR 32	Make / Model:	Ericsson AIR 32
Frequency Bands:	1900 MHz / 1900 MHz / 2100 MHz	Frequency Bands:	1900 MHz / 1900 MHz / 2100 MHz	Frequency Bands:	1900 MHz / 1900 MHz / 2100 MHz
Gain:	15.35 dBd / 15.35 dBd / 15.85 dBd	Gain:	15.35 dBd / 15.35 dBd / 15.85 dBd	Gain:	15.35 dBd / 15.35 dBd / 15.85 dBd
Height (AGL):	120 feet	Height (AGL):	120 feet	Height (AGL):	120 feet
Channel Count:	8	Channel Count:	8	Channel Count:	8
Total TX Power (W):	300 Watts	Total TX Power (W):	300 Watts	Total TX Power (W):	300 Watts
ERP (W):	10,533.98	ERP (W):	10,533.98	ERP (W):	10,533.98
Antenna A3 MPE %:	**2.63%**	Antenna B3 MPE %:	**2.63%**	Antenna C3 MPE %:	**2.63%**
Antenna #:	**4**	Antenna #:	**4**	Antenna #:	**4**
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):	120 feet	Height (AGL):	120 feet	Height (AGL):	120 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 A4 MPE %:	**6.40%**	Antenna B4 MPE %:	**6.40%**	Antenna C4 MPE %:	**6.40%**

Site Composite MPE %	
Carrier	**MPE %**
T-Mobile (Max at Sector A):	14.09%
Dish	1.1%
Clearwire	12.85%
AT&T	0.34%
Verizon	7.83%
Site Total MPE % :	36.21%

T-Mobile MPE % Per Sector	
T-Mobile Sector A Total:	14.09%
T-Mobile Sector B Total:	14.09%
T-Mobile Sector C Total:	14.09%
Site Total MPE % :	36.21%

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 2100 MHz LTE	4	1538.37	120.0	15.36	2100 MHz LTE	1000	1.54%
T-Mobile 600 MHz LTE	2	591.73	120.0	2.95	600 MHz LTE	400	0.74%
T-Mobile 600 MHz NR	1	1577.94	120.0	3.94	600 MHz NR	400	0.98%
T-Mobile 700 MHz LTE	2	648.82	120.0	3.24	700 MHz LTE	467	0.69%
T-Mobile 1900 MHz LTE	2	2203.69	120.0	11.00	1900 MHz LTE	1000	1.10%
T-Mobile 1900 MHz GSM	4	1028.30	120.0	10.27	1900 MHz GSM	1000	1.03%
T-Mobile 1900 MHz LTE	2	2056.61	120.0	10.27	1900 MHz LTE	1000	1.03%
T-Mobile 2100 MHz UMTS	2	1153.78	120.0	5.76	2100 MHz UMTS	1000	0.58%
T-Mobile 2500 MHz LTE	2	6412.98	120.0	32.02	2500 MHz LTE	1000	3.20%
T-Mobile 2500 MHz NR	2	6412.98	120.0	32.02	2500 MHz NR	1000	3.20%
						Total:	**14.09%**

• 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:	14.09%
Sector B:	14.09%
Sector C:	14.09%
T-Mobile Maximum MPE % (Sector A):	14.09%
Site Total:	36.21%
Site Compliance Status:	**COMPLIANT**

The anticipated composite MPE value for this site assuming all carriers present is **36.21%** 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.