CROWN CASTLE

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

September 17, 2019

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

RE: **Notice of Exempt Modification for Verizon Wireless: 826217**
Verizon Site ID:76307
240 Kensington Rd. Berlin, CT 06037
Latitude: 41° -37' 34.3"/ Longitude: -72° -46' 32.33"

Dear Ms. Bachman:

Verizon currently maintains twelve (12) antennas at the 158-foot level of the existing 191-foot monopole tower at 240 Kensington Road, Berlin CT 06037. The tower is owned by Crown Castle and the Town of Berlin is the property owner. Verizon now intends to replace six (6) antennas with six (6) new antennas. Verizon also intends to replace six (6) remote radios.

A request for the original zoning document (s) was sent on September 17, 2019 to the Town Clerk requesting the original zoning documents and if available. No reply has been received as of yet.

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 the Mayor – Mr. Mark Kaczynski, Town of Berlin and Planning & Zoning Department, Town of Berlin, Mr. Marek Kozikowski. The property owner is the Town of Berlin 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, Verizon 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: Jeffrey Barbadora.

Sincerely,

Jeffrey Barbadora
Real Estate Specialist
12 Gill Street, Suite 5800, Woburn, MA 01801
781-729-0053
Jeff.Barbadora@crowncastle.com

Attachments:

Tab 1: Exhibit-1: Compound plan and elevation depicting the planned changes
Tab 2: Exhibit-2: Structural Modification Report
Tab 3: Exhibit-3: General Power Density Table Report (RF Emissions Analysis Report)

Mayor – Mr. Mark Kaczynski
Town of Berlin
240 Kensington Road
Berlin, CT 06037
860-828-7000

Mr. Marek Kozikowski - Planning and Zoning Department
Town of Berlin
240 Kensington Road
Berlin, CT 06037
860-828-7066

Barbadora, Jeff

From: Barbadora, Jeff
Sent: Tuesday, September 17, 2019 12:38 PM
To: kwall@town.berlin.ct.us
Subject: 240 Kensington Road Cell Tower

Hi Kate,

My office is preparing to file with the Connecticut Siting Counsel (CSC) for Verizon to remove and replace their antennas at the cell tower on Town property, 240 Kensington Road. The CSC does require us to provide the original zoning document with the file package, if available. Would you know if there is an original zoning document for the approval of the tower?

I appreciate your time on this matter.

Thanks,

Jeffrey Barbadora
781-970-0053
12 Gill Street, Suite 5800, Woburn, MA 01801
CrownCastle.com

TOWN OF BERLIN CONNECTICUT

Geographic & Property Information Network

240 Kensington Road
Berlin, CT 06037
ph 860-828-7105
eMail: General Information
eMail: Technical Information

Property Search

Name: ex. Smith

House No:
240

Street:
KENSINGTON RD

Parcel Id: ex. 9-3-54-29

GO

Information Updates

GIS Parcel Maps Updated
January 2019

Property Info Data Updated
Daily

Current Parcel Count
9,039 +/-

Detailed Parcel Information

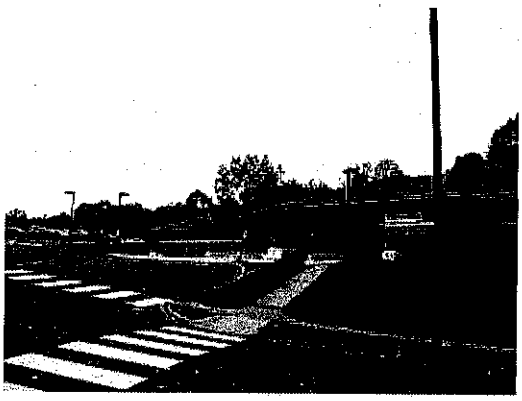
Unique ID
8026

Parcel ID
9-3-54-29-8026

Owner
BERLIN TOWN OF

Location
240 KENSINGTON RD
8026

MAILING ADDRESS
240 KENSINGTON ROAD
KENSINGTON CT 06037



Quick Links: **Quick Map** **Property Card**

Scroll Down For Complete Property Detail

PARCEL VALUATIONS

	Appraised Value	Assessed Value
Buildings	12482200	8737600
Outbuildings	355700	249000

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You should promptly consult the specific office or department with any questions. Use of this web site and any information you find through it is subject to the Disclaimer.

Designed and hosted by New England GeoSystems

Town of Berlin, CT

Property Listing Report

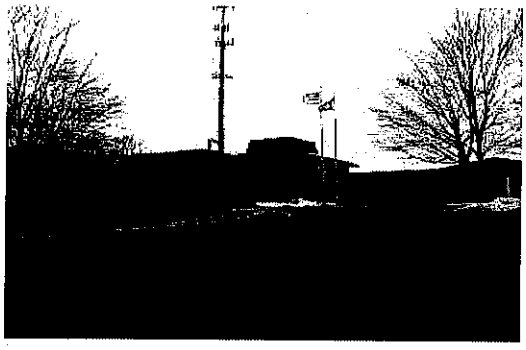
Map Block Lot	9-3-54-29-8026	Building #	1	Account	1101150

Property Information

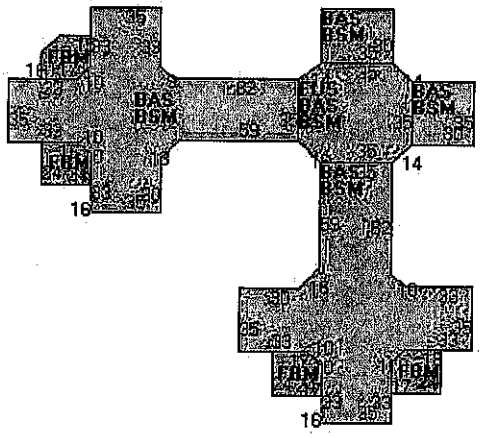
Property Location	240 KENSINGTON RD
Owner	BERLIN TOWN OF
Co-Owner	TOWN HALL COMPLEX
Mailing Address	240 KENSINGTON ROAD KENSINGTON CT 06037
Land Use	903I Municipal MDL-96
Land Class	E
Zoning Code	R-15
Census Tract	

Street Index	7
Acreage	25.1
Utilities	All Public
Lot Setting/Desc	Level
Additional Info	

Photo



Sketch



Primary Construction Details

Year Built	1975
Stories	1
Building Style	Other Municip
Building Use	Comm/Ind
Building Condition	G
Interior Floors 1	Carpet
Interior Floors 2	
Whirlpool Tub	
Total Rooms	
Basement Garages	

Bedrooms	
Full Bathrooms	2
Half Bathrooms	
Extra Fixtures	
Bath Style	
Kitchen Style	
Roof Style	Gable/Hip
Roof Cover	Asph/F Gls/Cmp
Fireplaces	
AC TYPE	Central

Exterior Walls	Brick Veneer
Exterior Walls 2	
Interior Walls	Drywall/Plaste
Interior Walls 2	
Heating Type	Hot Water
Heating Fuel	Oil/Gas
Fin Basement Area	
Fin BSMT Quality	
Fin BSMT Area 2	
Fin BSMT Quality 2	

Report Created On 9/17/2019

Town of Berlin, CT

Property Listing Report

Map Block Lot	9-3-54-29-8026	Building #	1	Account	1101150

Valuation Summary (Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	12482200	8737600
Extras	0	0
Improvements	12837900	8986600
Outbuildings	355700	249000
Land	1283500	898500
Total	14121400	9885100

Sub Areas

Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
Basement	20900	0
First Floor	20900	20900
Upper Story, Finished	2870	2870
Basement, Finished	2170	2170
Total Area	46840	25940

Outbuilding and Extra Features

Type	Description
MERC VAP/FLU	36 UNITS
Paving - Asphalt	117800 S.F.

Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
BERLIN TOWN OF	165/ 370	10/2/2007	0
BERLIN TOWN OF	165/ 370	10/2/2007	0
BERLIN TOWN OF	165/ 0	9/17/1971	
BERLIN TOWN OF	165/ 0	9/17/1971	

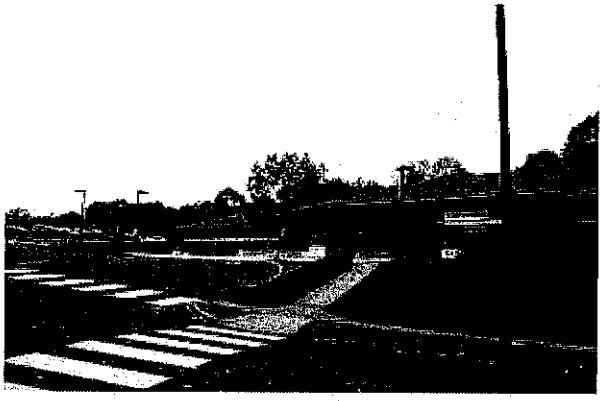
Report Created On 9/17/2019

Town of Berlin, CT

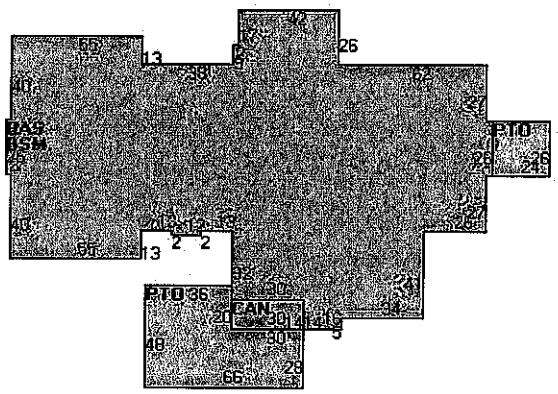
Property Listing Report

Map Block Lot	9-3-54-29-8026	Building #	2	Account	1101150

Photo



Sketch



Primary Construction Details

Year Built	1988	Bedrooms		Exterior Walls	Brick Veneer
Stories	1	Full Bathrooms	2	Exterior Walls 2	
Building Style	Other Municip	Half Bathrooms		Interior Walls	Drywall/Plaste
Building Use	Comm/Ind	Extra Fixtures		Interior Walls 2	
Building Condition	G	Bath Style		Heating Type	Hot Water
Interior Floors 1	Carpet	Kitchen Style		Heating Fuel	Oil/Gas
Interior Floors 2		Roof Style	Gable/Hip	Fin Basement Area	
Whirlpool Tub		Roof Cover	Asph/F Gls/Cmp	Fin BSMT Quality	
Total Rooms		Fireplaces		Fin BSMT Area 2	
Basement Garages		AC TYPE	Central	Fin BSMT Quality 2	

Sub Areas

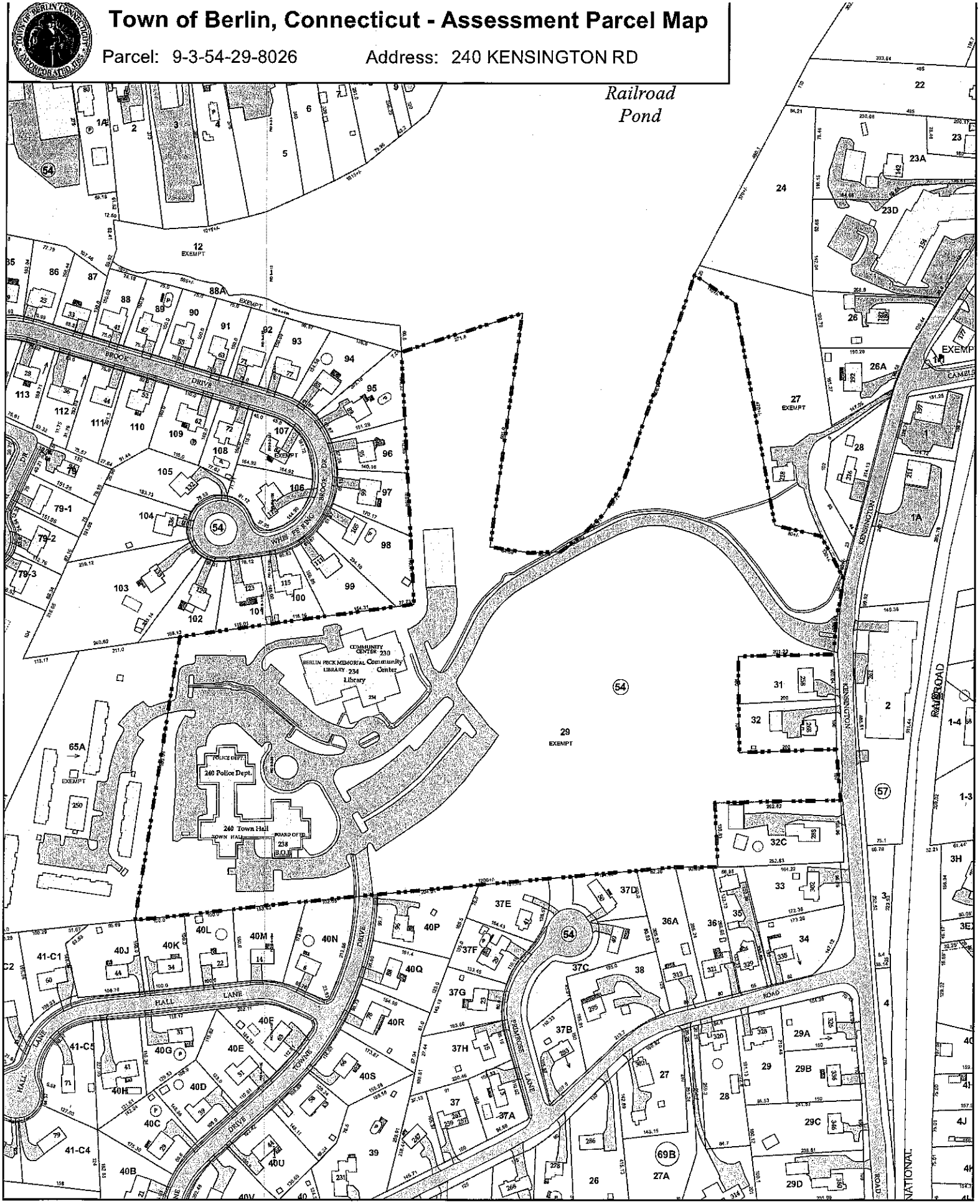
Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
Canopy Attached	420	0
Basement	21704	0
First Floor	21704	21704
Patio	3192	0

Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
Total Area	47020	21704

Report Created On 9/17/2019

Town of Berlin, Connecticut - Assessment Parcel Map

Parcel: 9-3-54-29-8026 Address: 240 KENSINGTON RD



N W E S

NEGEO
New England Geosystems
www.negeosystems.com
282 Main Street Extension - C2
Middletown, CT 06457 - (203) 404 - 7129

Approximate Scale: 1 inch = 250 feet

0 125 250 375 500 Feet

Map Produced: August 2019

Disclaimer: This map is for informational purposes only All information is subject to verification by any user. The Town of Berlin and its mapping contractors assume no legal responsibility for the information contained herein.

Site Name: Berlin Kensington, CT
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW PCS	1970	1	4960	4960	160	0.0697	1.0	6.97%
VZW Cellular LTE	869	1	1900	1900	160	0.0267	0.579333333	4.61%
VZW Cellular	869	3	389	1167	160	0.0164	0.579333333	2.83%
VZW AWS	2145	1	4680	4680	160	0.0657	1.0	6.57%
VZW 700	746	1	2500	2500	160	0.0351	0.497333333	7.06%

Total Percentage of Maximum Permissible Exposure 28.04%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Section 1.13101 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1

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

Absolute worst case maximum values used, including the following assumptions:
1. closest accessible point is distance from antenna to base of pole;
2. continuous transmission from all available channels at full power for indefinite time period; and,
3. all RF energy is assumed to be directed solely to the base of the pole.

-1992

July 10, 2019

Charles McGuirt
Crown Castle
3530 Toringdon Way, Suite 300
Charlotte, NC 28277
(704) 405-6607

Tower Engineering Professionals
326 Tryon Road
Raleigh, NC 27603
(919) 661-6351
Structures@tepgroup.net

Subject:	**Mount Analysis**	
Carrier Designation:	***Verizon Wireless* Reconfiguration**	
	Client Site Number:	76307
	Client Site Name:	Berlin Kensington CT
Crown Castle Designation:	**Crown Castle BU Number:**	826217
	Crown Castle Site Name:	Newington_1
	Crown Castle JDE Job Number:	581679
	Crown Castle Order Number:	498392 Rev. 0
Engineering Firm Designation:	**TEP Project Number:**	25651.275018
Site Data:	**240 Kensington Road, Berlin, Hartford County, CT 06037**	
	Latitude *41° 37' 34.30"*, Longitude *-72° 46' 32.33"*	
Structure Information:	**Tower Height & Type:**	190.0± ft Monopole
	Mount Elevation:	160.0 ft
	Mount Width & Type:	12.5 ft Low Profile Platform

Dear Charles McGuirt,

Tower Engineering Professionals is pleased to submit this **"Mount Analysis"** to determine the structural integrity of Verizon Wireless's antenna mounting system with proposed appurtenance and equipment addition on the above mentioned 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:

Low Profile Platform Mount **Sufficient Capacity – 90.2%**

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

Structural analysis prepared by: Dominick J. Brevig E.I.T. / PRS

Respectfully submitted by:

Aaron T. Rucker, P.E.
ATC Structural Department Manager

STATE OF CONNECTICUT
AARON THOMAS RUCKER
32608
LICENSED
PROFESSIONAL ENGINEER

Electronic Copy

07/10/2019

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1) INTRODUCTION

The mount is an existing 12.5-ft Low Profile Platform mount, mapped by Tower Engineering Professionals.

2) ANALYSIS CRITERIA

Building Code:	2015 IBC
TIA-222 Revision:	TIA-222-H
Risk Category:	II
Ultimate Wind Speed:	125 mph
Exposure Category:	B
Topographic Category at Base:	1.0
Topographic Category at Mount:	1.0
Ice Thickness:	2.0 in
Wind Speed with Ice:	50 mph
Seismic Design Category:	B
Seismic S_s:	0.183
Seismic S_1:	0.063
Live Loading Wind Speed:	30 mph
Live Loading at Mid/End-Points:	250 lb
Man Live Loading at Mount Pipes:	500 lb

Table 1 - Proposed Equipment Configuration

Mount Centerline (ft)	Antenna Centerline (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Mount / Modification Details
160.0	160.0	2	Andrew	LNX-6514DS-A1M	Low Profile Platform Mount
		4	Commscope	LNX-8513DS-A1M	
		6	Commscope	NNHH-65B-R4	
		1	RFS Celwave	DB-T1-6Z-8AB-0Z	
		3	Samsung Telecommunications	RFV01U-D1A	
		3	Samsung Telecommunications	RFV01U-D2A	

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Reference	Source
Tower Mapping Report	Tower Engineering Professionals	3438498	CCISites
Loading Application	Verizon Wireless	Order 498392 Rev. 0	CCISites

3.1) Analysis Method

RISA-3D (Version 17.0.1), a commercially available analysis software package, was used to create a three-dimensional model of the mount and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A and Appendix C.

TEP Mount Analysis Tool, a tool internally developed by TEP using Microsoft Excel, was used to calculate member loading for various load cases. Selected output from the analysis is included in Appendix B.

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

In addition, this analysis is in accordance with NSTD-445 *Antennas Mounting System Classification Standard.*

3.2) Assumptions

1) The mount was built in accordance with the manufacturer's specifications.
2) The mount has been maintained in accordance with the manufacturer's specification.
3) The configuration of antennas, mounts and other appurtenances are as specified in Table 1. All mount components have been assumed to be in sufficient condition to carry their full design capacity for this analysis. Refer to the issued mapping for any structural and/or maintenance issues found during our site visit if applicable.
4) All mount components are in sufficient condition to carry their full design capacity.
5) TEP did not analyze the collar mount connection to the pole and assumes it to have sufficient structural capacity to transfer the applied forces from the mount to the tower.
6) All material grades used for this analysis, unless verified by mount manufacturer design, were assumed per AISC Table 2-4, 15th Edition. See RISA-3D output for confirmation on grades used in this analysis.

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 antenna mounting system.

4) ANALYSIS RESULTS

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

Notes	Component	Critical Member	Mount Centerline (ft)	% Capacity	Pass / Fail
1	Face Horizontals	SF1-TH	160.0	35.1	Pass
1	Support Horizontals	SA-2	160.0	69.3	Pass
1	Internals	GSI-2	160.0	20.3	Pass
1	Mount Pipes	MP-1	160.0	35.3	Pass
2	Connection Bolts	-	160.0	47.6	Pass
2	Connection Plate	-	160.0	90.2	Pass

Notes:
1) See additional documentation in "Appendix C - Analysis Output" for calculations supporting the % capacity listed.
2) See additional documentation in "Appendix D - Additional Calculations" for calculations supporting the % capacity listed.

Table 4 - Tieback Connection Data Table

Tower Connection Node No.	Existing/ Proposed	Resultant End Reaction (lb)	Connected Member Type	Connected Member Size	Member Compressive Capacity (lb)[3]	Notes
-	-	-	-	-	-	-

Notes:
1) Tieback connection point is within 25% of either end of the connected tower member.
2) Tower connection point is NOT within 25% of either end of the connected tower member.
3) Reduced member compressive capacity according to CED-STD-10294 *Standard for Installation of Mounts and Appurtenances.*

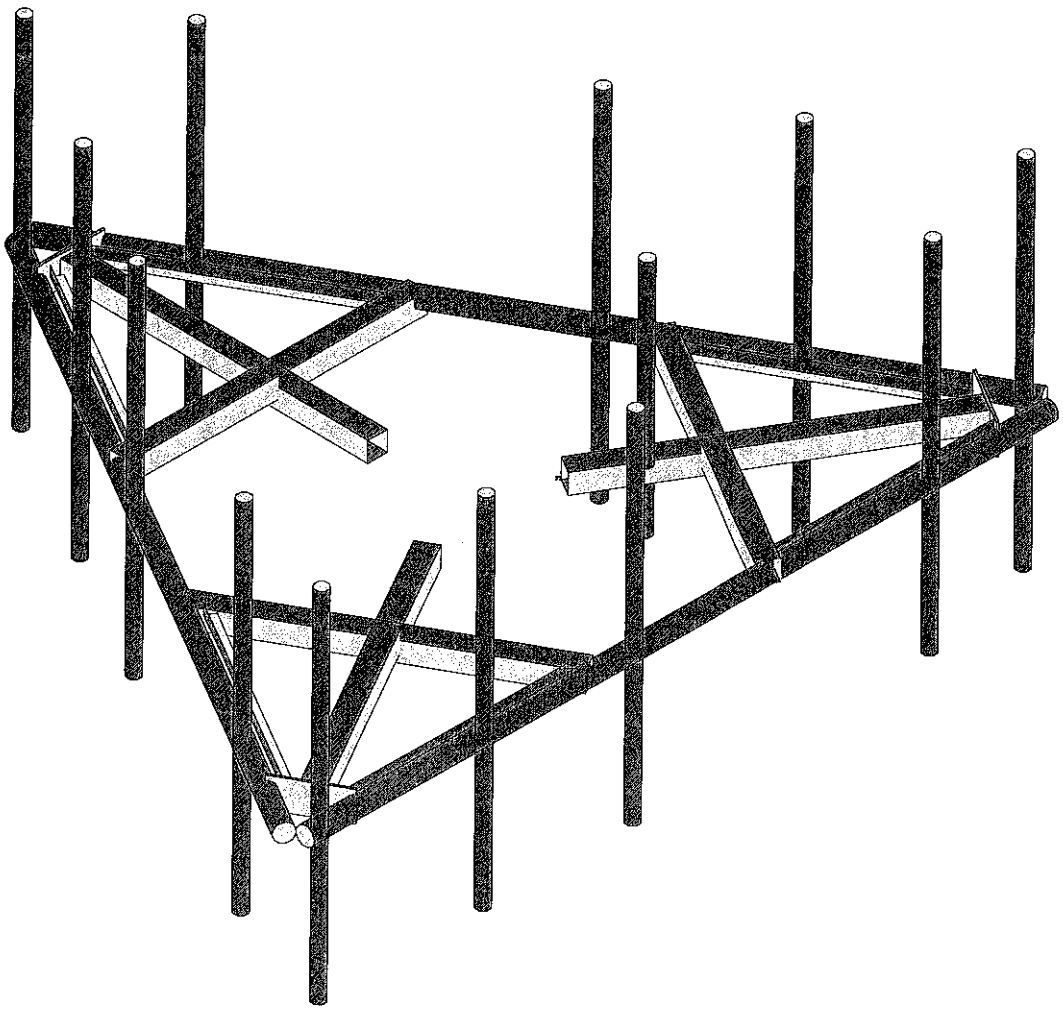
Structure Rating (max from all components) =	**90.2%**

4.1) Recommendations

1) If the load differs from that described in Table 1 of this report or the provisions of this analysis are found to be invalid, another structural analysis should be performed.
2) The mount and its connection have sufficient capacity to carry the proposed loading configuration. No modifications are required at this time.

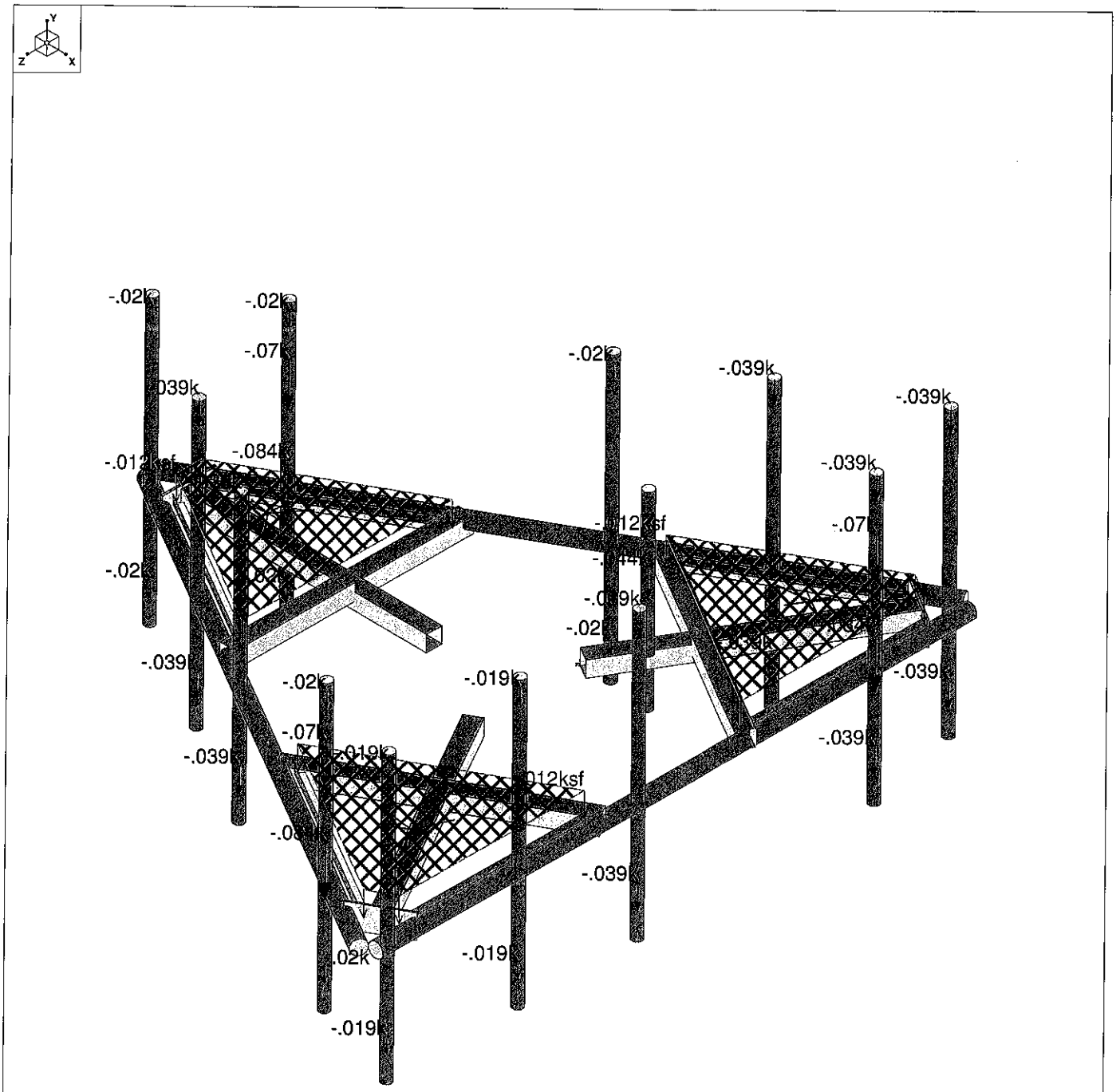
APPENDIX A

WIRE FRAME AND RENDERED MODELS



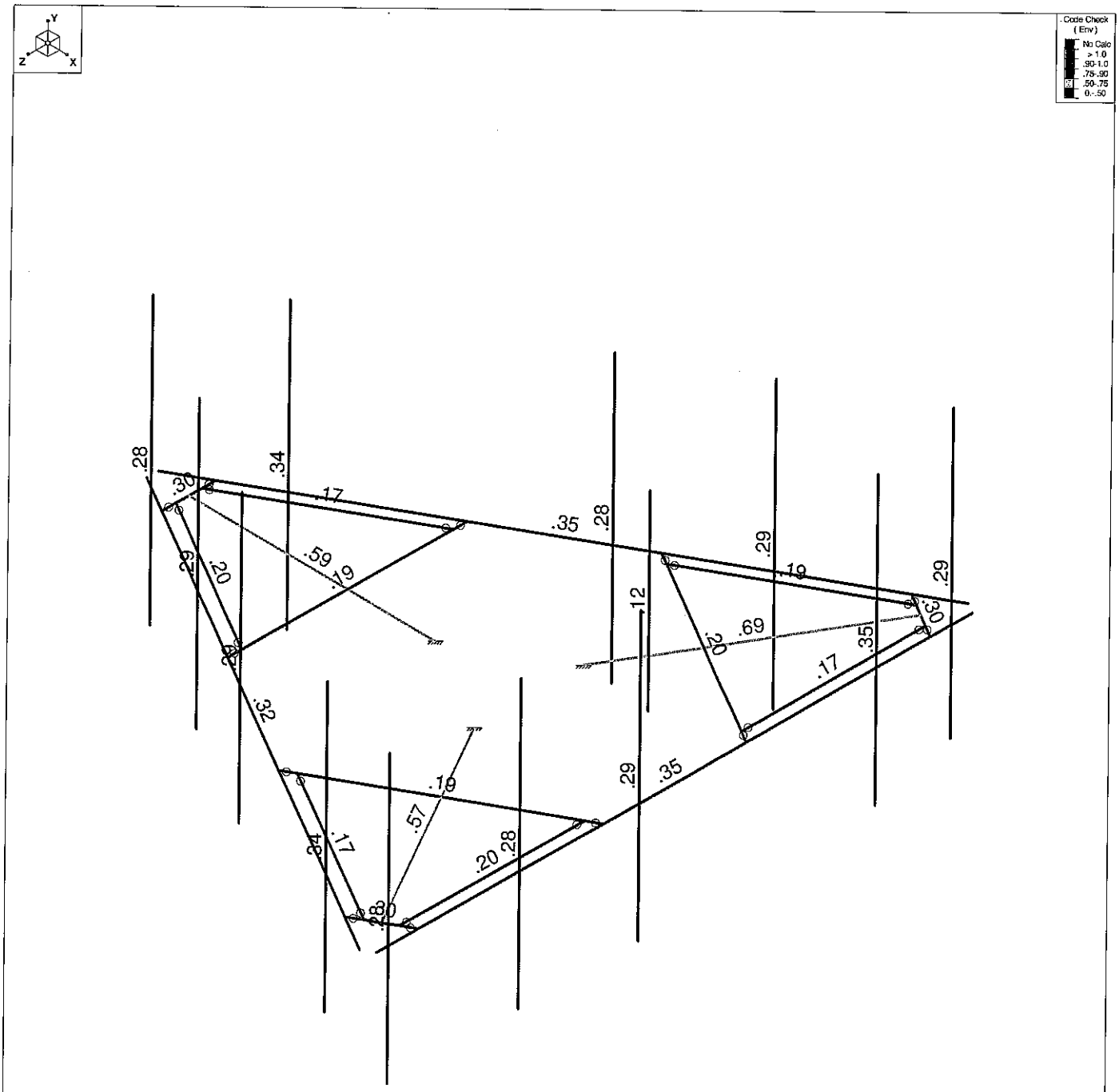
Envelope Only Solution

Tower Engineering Profess...	Newington_1 (BU 826217)	SK - 2
DJB		July 10, 2019 at 10:34 AM
TEP No. 25651.275018		Mount Rev H.r3d



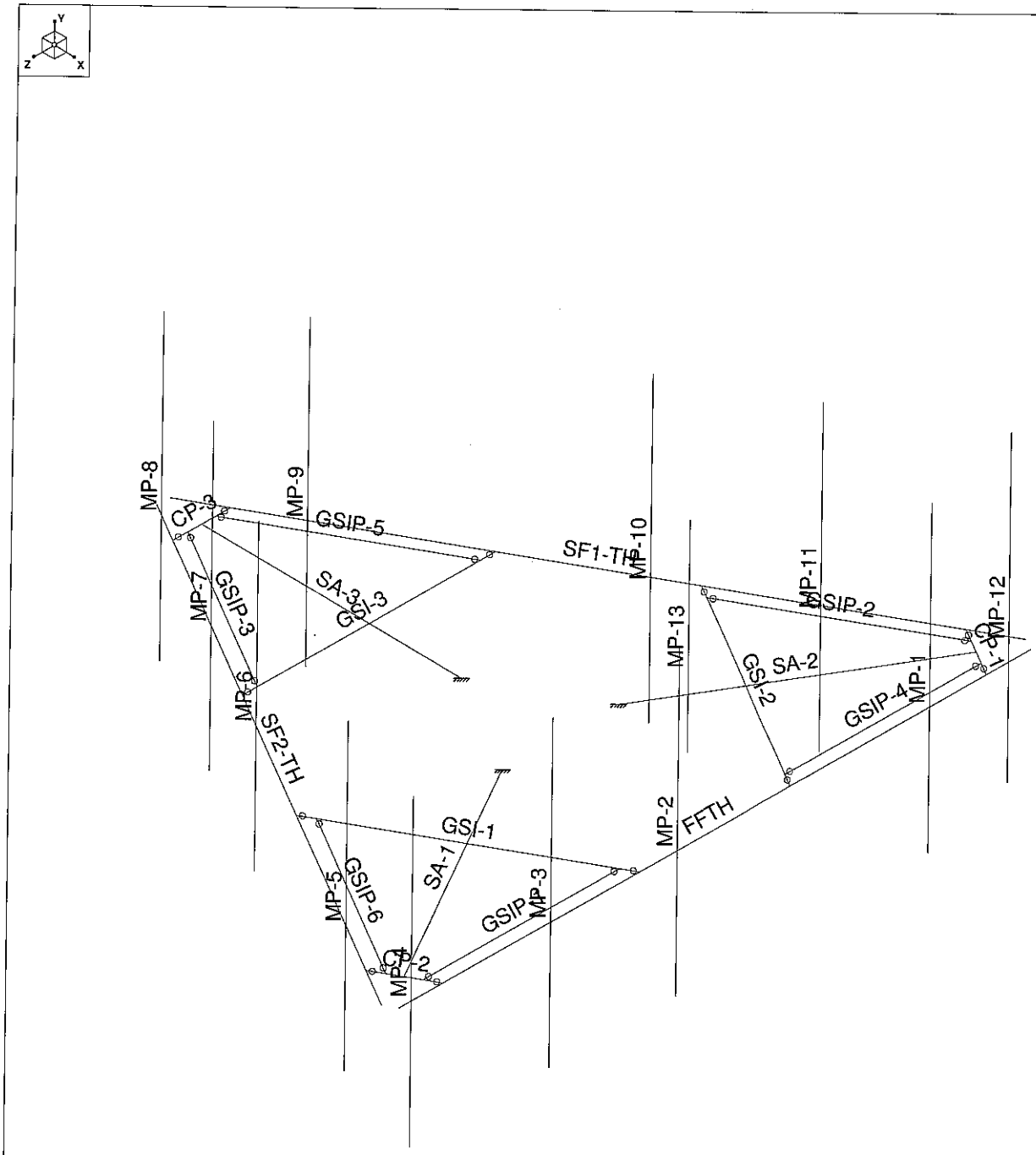
Loads: BLC 1, Dead
Envelope Only Solution

Tower Engineering Profess...	Newington_1 (BU 826217)	SK - 1
DJB		July 10, 2019 at 10:33 AM
TEP No. 25651.275018		Mount Rev H.r3d



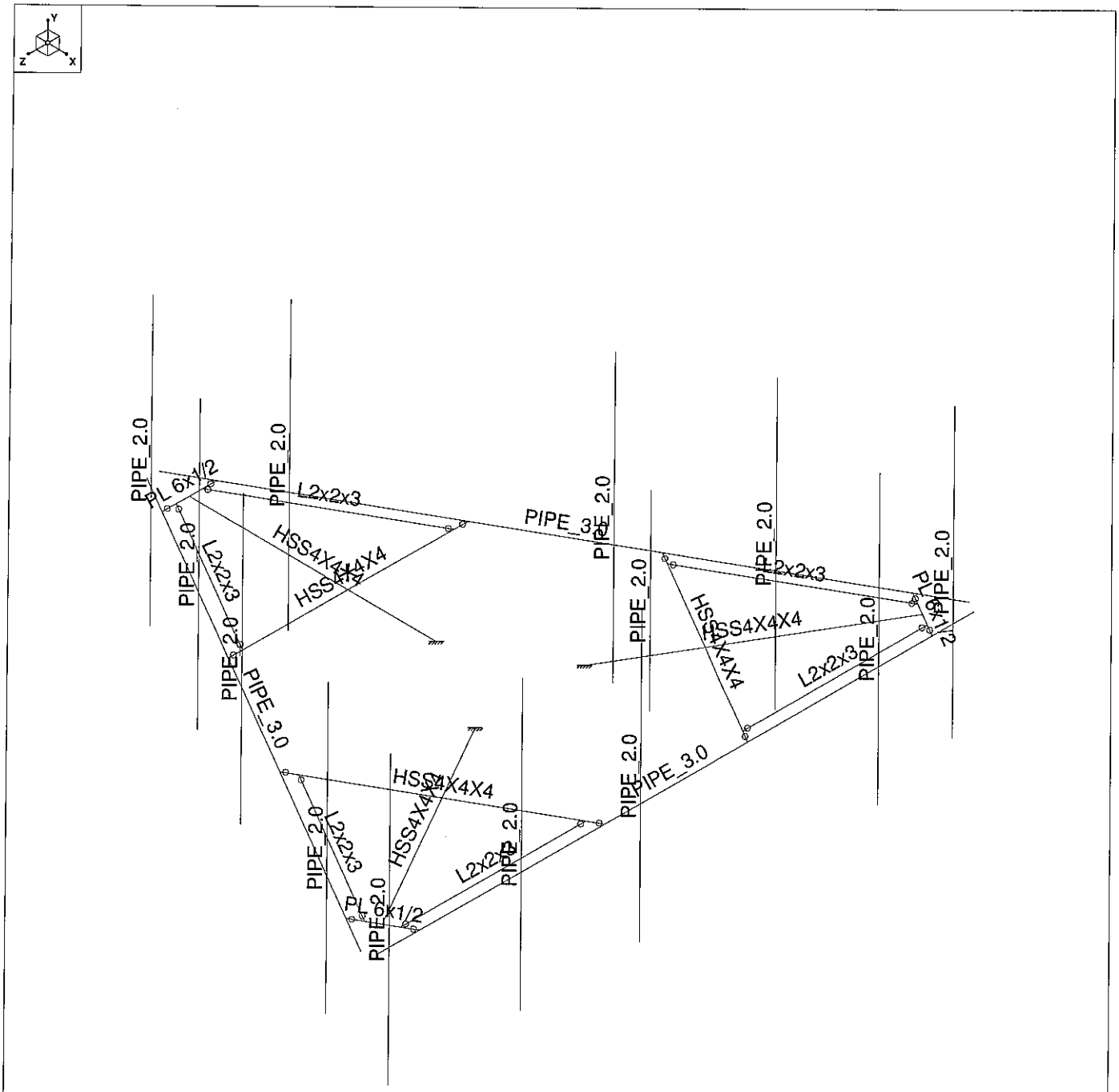
Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Tower Engineering Profess...	Newington_1 (BU 826217)	SK - 3
DJB		July 10, 2019 at 10:34 AM
TEP No. 25651.275018		Mount Rev H.r3d



Envelope Only Solution

Tower Engineering Profess...	Newington_1 (BU 826217)	SK - 4
DJB		July 10, 2019 at 10:34 AM
TEP No. 25651.275018		Mount Rev H.r3d



Envelope Only Solution

Tower Engineering Profess...	Newington_1 (BU 826217)	SK - 5
DJB		July 10, 2019 at 10:34 AM
TEP No. 25651.275018		Mount Rev H.r3d

APPENDIX B

SOFTWARE INPUT CALCULATIONS

TOWER ENGINEERING PROFESSIONALS

Newington_1 (BU 826217)

TEP No.	25651.275018	
Analysis By:	DJB	7/10/2019
Checked By:	xxx	7/10/2019

Code Revisions:	**TIA-222-H**	**IBC 2015**
Tower Type:	**Monopole**	

Wind Inputs:

Ult. Wind Velocity:	**125.0**	mph
Live Load Velocity:	**30.0**	mph
Ice Wind Velocity:	**50.0**	mph
Base Ice Thickness:	**2.00**	inches
Mount Centerline:	**160.0**	ft
Antenna Centerline:	**160.0**	ft
Exposure Category:	**B**	
Topo Category:	**1**	
Risk Category:	**II**	
Ground Elevation:	**133**	ft

Wind Calculations:

K_{zt}:	**1.000**	Section 2.6.6
K_d:	0.950	
$K_{z\text{-}Mount}$:	1.130	Section 2.6.5.2
$K_{z\text{-}Antenna}$:	1.130	Section 2.6.5.2
K_{iz}:	1.171	Section 2.6.10
Ice Thickness:	2.342	inches - Section 2.6.10

Without Ice - (psf)		With Ice - (psf)	
$(q_zG_h)_{Mount}$:	42.74	$(q_zG_h)_{Mount}$:	6.84
$(q_zG_h)_{Antenna}$:	42.74	$(q_zG_h)_{Antenna}$:	6.84

TOWER ENGINEERING PROFESSIONALS

Newington_1 (BU 826217)

TEP No.	25651.275018	
Analysis By:	DJB	7/10/2019
Checked By:	xxx	7/10/2019

Antenna Loads are Calculated in Accordance with TIA-222-H

Azimuth is the absolute angle measured clockwise from RISA-3D global X-axis.

MFR	Model	Height (in)	Width (in)	Depth (in)	Wt. (lbs)	Azimuth°	Qty	Shape	Member Label
	Alpha								
Commscope	NNHH-65B-R4	72.00	19.60	7.80	78.30	0.00	1	Flat	MP-1
Samsung Telecom	RFV01U-D2A	15.00	15.00	8.10	70.30	0.00	1	Flat	MP-1
Samsung Telecom	RFV01U-D1A	15.00	15.00	10.00	84.40	0.00	1	Flat	MP-1
Commscope	NNHH-65B-R4	72.00	19.60	7.80	78.30	0.00	1	Flat	MP-2
Andrew	LNX-6514DS-A1M	72.70	11.90	7.10	38.80	0.00	1	Flat	MP-3
Andrew	LNX-6514DS-A1M	72.70	11.90	7.10	38.80	0.00	1	Flat	MP-4
	Beta								
Commscope	LNX-8513DS-A1M	72.70	11.90	7.10	39.20	120.00	1	Flat	MP-5
Samsung Telecom	RFV01U-D2A	15.00	15.00	8.10	70.30	120.00	1	Flat	MP-5
Samsung Telecom	RFV01U-D1A	15.00	15.00	10.00	84.40	120.00	1	Flat	MP-5
Commscope	NNHH-65B-R4	72.00	19.60	7.80	78.30	120.00	1	Flat	MP-6
Commscope	NNHH-65B-R4	72.00	19.60	7.80	78.30	120.00	1	Flat	MP-7
Commscope	LNX-8513DS-A1M	72.70	11.90	7.10	39.20	120.00	1	Flat	MP-8
	Gamma								
Commscope	LNX-8513DS-A1M	72.70	11.90	7.10	39.20	240.00	1	Flat	MP-9
Samsung Telecom	RFV01U-D2A	15.00	15.00	8.10	70.30	240.00	1	Flat	MP-9
Samsung Telecom	RFV01U-D1A	15.00	15.00	10.00	84.40	240.00	1	Flat	MP-9
Commscope	LNX-8513DS-A1M	72.70	11.90	7.10	39.20	240.00	1	Flat	MP-10
RFS/Celwave	DB-T1-6Z-8AB-0Z	24.00	24.00	10.00	44.00	240.00	1	Flat	MP-13
Commscope	NNHH-65B-R4	72.00	19.60	7.80	78.30	240.00	1	Flat	MP-11
Commscope	NNHH-65B-R4	72.00	19.60	7.80	78.30	240.00	1	Flat	MP-12

Member Forces are Calculated in Accordance with TIA-222-H

Member Name	Wind Proj. (in)	Length (in)	Shape	θ (°)	Perimeter (in)
CP-1	6.000	13.50	Flat	-30.00	13.00
CP-2	6.000	13.50	Flat	30.00	13.00
CP-3	6.000	13.50	Flat	90.00	13.00
FFTH	3.500	150.00	Round	90.00	11.00
GSI-1	4.000	60.00	Flat	30.00	16.00
GSI-2	4.000	60.00	Flat	-30.00	16.00
GSI-3	4.000	60.00	Flat	90.00	16.00
GSIP-1	2.000	46.50	Flat	90.00	8.00
GSIP-2	2.000	46.50	Flat	30.00	8.00
GSIP-3	2.000	46.50	Flat	-30.00	8.00
GSIP-4	2.000	46.50	Flat	90.00	8.00
GSIP-5	2.000	46.50	Flat	30.00	8.00
GSIP-6	2.000	46.50	Flat	-30.00	8.00
MP-1	2.375	72.00	Round		7.46
SA-1	4.000	62.50	Flat	-60.00	16.00
SA-2	4.000	62.50	Flat	60.00	16.00
SA-3	4.000	62.50	Flat	0.00	16.00
SF1-TH	3.500	150.00	Round	30.00	11.00
SF2-TH	3.500	150.00	Round	-30.00	11.00
MP-2	2.375	72.00	Round		7.46
MP-4	2.375	72.00	Round		7.46
MP-3	2.375	72.00	Round		7.46
MP-9	2.375	72.00	Round		7.46
MP-10	2.375	72.00	Round		7.46
MP-12	2.375	72.00	Round		7.46
MP-11	2.375	72.00	Round		7.46
MP-5	2.375	72.00	Round		7.46
MP-6	2.375	72.00	Round		7.46
MP-8	2.375	72.00	Round		7.46
MP-7	2.375	72.00	Round		7.46
MP-13	2.375	48.00	Round		7.46

APPENDIX C

SOFTWARE ANALYSIS OUTPUT

(Global) Model Settings

Display Sections for Member Calcs	5
Max Internal Sections for Member Calcs	97
Include Shear Deformation?	Yes
Increase Nailing Capacity for Wind?	Yes
Include Warping?	Yes
Trans Load Btwn Intersecting Wood Wall?	Yes
Area Load Mesh (in^2)	144
Merge Tolerance (in)	.12
P-Delta Analysis Tolerance	0.50%
Include P-Delta for Walls?	Yes
Automatically Iterate Stiffness for Walls?	Yes
Max Iterations for Wall Stiffness	3
Gravity Acceleration (ft/sec^2)	32.2
Wall Mesh Size (in)	24
Eigensolution Convergence Tol. (1.E-)	4
Vertical Axis	Y
Global Member Orientation Plane	XZ
Static Solver	Sparse Accelerated
Dynamic Solver	Accelerated Solver

Hot Rolled Steel Code	AISC 15th(360-16): LRFD
Adjust Stiffness?	No
RISAConnection Code	None
Cold Formed Steel Code	None
Wood Code	None
Wood Temperature	< 100F
Concrete Code	None
Masonry Code	None
Aluminum Code	None - Building
Stainless Steel Code	None

Number of Shear Regions	4
Region Spacing Increment (in)	4
Biaxial Column Method	Exact Integration
Parme Beta Factor (PCA)	.65
Concrete Stress Block	Rectangular
Use Cracked Sections?	Yes
Use Cracked Sections Slab?	Yes
Bad Framing Warnings?	No
Unused Force Warnings?	Yes
Min 1 Bar Diam. Spacing?	No
Concrete Rebar Set	REBAR_SET_ASTMA615
Min % Steel for Column	1
Max % Steel for Column	8

(Global) Model Settings, Continued

Seismic Code	ASCE 7-10
Seismic Base Elevation (ft)	Not Entered
Add Base Weight?	Yes
Ct X	.02
Ct Z	.02
T X (sec)	Not Entered
T Z (sec)	Not Entered
R X	3
R Z	3
Ct Exp. X	.75
Ct Exp. Z	.75
SD1	1
SDS	1
S1	1
TL (sec)	5
Risk Cat	I or II
Drift Cat	Other
Om Z	1
Om X	1
Cd Z	1
Cd X	1
Rho Z	1
Rho X	1

Hot Rolled Steel Properties

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

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	None	None	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Mount Pipes	PIPE 2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
3	Internal	HSS4X4X4	None	None	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
4	Support Arm	HSS4X4X4	None	None	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	None	None	A36 Gr.36	Typical	.722	.271	.271	.009
6	Corner Plate	PL 6x1/2	None	None	A36 Gr.36	Typical	3	.063	9	.237

Cold Formed Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rules	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	CF1A	8CU1.25X0...	Beam	None	A653 SS Gr...	Typical	.581	.057	4.41	.00063

Material Takeoff

	Material	Size	Pieces	Length[ft]	Weight[K]
1	Hot Rolled Steel				
2	A36 Gr.36	L2x2x3	6	23.2	0
3	A36 Gr.36	PL 6x1/2	3	3.4	0
4	A500 Gr.B Rect	HSS4X4X4	6	30.6	.4
5	A53 Gr.B	PIPE 2.0	13	76	.3
6	A53 Gr.B	PIPE 3.0	3	37.5	.3
7	Total HR Steel		31	170.8	1

Joint Boundary Conditions

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
1	N82	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	N83	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	SA3	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design ...
1	CP-1	N47	N46			Corner Plate	None	None	A36 Gr.36	Typical
2	CP-2	N49	N51			Corner Plate	None	None	A36 Gr.36	Typical
3	CP-3	N48	N50			Corner Plate	None	None	A36 Gr.36	Typical
4	FFTH	N40	N43			Face Horizontal	None	None	A53 Gr.B	Typical
5	GSI-1	GSI1	GSI4			Internal	None	None	A500 Gr....	Typical
6	GSI-2	GSI2	GSI5			Internal	None	None	A500 Gr....	Typical
7	GSI-3	GSI3	GSI6			Internal	None	None	A500 Gr....	Typical
8	GSIP-1	N77	N70		270	Grating Support	None	None	A36 Gr.36	Typical
9	GSIP-2	N78	N73		270	Grating Support	None	None	A36 Gr.36	Typical
10	GSIP-3	N81	N75		270	Grating Support	None	None	A36 Gr.36	Typical
11	GSIP-4	N72	N76		270	Grating Support	None	None	A36 Gr.36	Typical
12	GSIP-5	N74	N79		270	Grating Support	None	None	A36 Gr.36	Typical
13	GSIP-6	N71	N80		270	Grating Support	None	None	A36 Gr.36	Typical
14	MP-1	MP-1A	MP-1B			Mount Pipes	None	None	A53 Gr.B	Typical
15	SA-1	N82	N65			Support Arm	None	None	A500 Gr....	Typical
16	SA-2	N83	N67			Support Arm	None	None	A500 Gr....	Typical
17	SA-3	SA3	N69			Support Arm	None	None	A500 Gr....	Typical
18	SF1-TH	N41	N44			Face Horizontal	None	None	A53 Gr.B	Typical
19	SF2-TH	N42	N45			Face Horizontal	None	None	A53 Gr.B	Typical
20	MP-2	N58	N59			Mount Pipes	None	None	A53 Gr.B	Typical
21	MP-4	N62	N63			Mount Pipes	None	None	A53 Gr.B	Typical
22	MP-3	N90	N91			Mount Pipes	None	None	A53 Gr.B	Typical
23	MP-9	N52A	N53			Mount Pipes	None	None	A53 Gr.B	Typical
24	MP-10	N55	N56			Mount Pipes	None	None	A53 Gr.B	Typical
25	MP-12	N58A	N59A			Mount Pipes	None	None	A53 Gr.B	Typical
26	MP-11	N61	N62A			Mount Pipes	None	None	A53 Gr.B	Typical
27	MP-5	N63A	N64B			Mount Pipes	None	None	A53 Gr.B	Typical
28	MP-6	N66A	N67A			Mount Pipes	None	None	A53 Gr.B	Typical
29	MP-8	N69A	N70A			Mount Pipes	None	None	A53 Gr.B	Typical
30	MP-7	N72A	N73A			Mount Pipes	None	None	A53 Gr.B	Typical
31	MP-13	N75A	N76A			Mount Pipes	None	None	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ra...	Analysis ...	Inactive	Seismi...
1	CP-1	BenPIN	BenPIN				Yes	** NA **			None
2	CP-2	BenPIN	BenPIN				Yes	** NA **			None
3	CP-3	BenPIN	BenPIN				Yes	** NA **			None
4	FFTH						Yes	** NA **			None
5	GSI-1	BenPIN	BenPIN				Yes	** NA **			None
6	GSI-2	BenPIN	BenPIN				Yes	** NA **			None
7	GSI-3	BenPIN	BenPIN				Yes	** NA **			None
8	GSIP-1	BenPIN	BenPIN				Yes	** NA **			None
9	GSIP-2	BenPIN	BenPIN				Yes	** NA **			None
10	GSIP-3	BenPIN	BenPIN				Yes	** NA **			None
11	GSIP-4	BenPIN	BenPIN				Yes	** NA **			None
12	GSIP-5	BenPIN	BenPIN				Yes	** NA **			None
13	GSIP-6	BenPIN	BenPIN				Yes	** NA **			None
14	MP-1						Yes	** NA **			None
15	SA-1						Yes	** NA **			None
16	SA-2						Yes	** NA **			None
17	SA-3						Yes	** NA **			None
18	SF1-TH						Yes	** NA **			None
19	SF2-TH						Yes	** NA **			None
20	MP-2						Yes	** NA **			None
21	MP-4						Yes	** NA **			None
22	MP-3						Yes	** NA **			None
23	MP-9						Yes	** NA **			None
24	MP-10						Yes	** NA **			None
25	MP-12						Yes	** NA **			None
26	MP-11						Yes	** NA **			None
27	MP-5						Yes	** NA **			None
28	MP-6						Yes	** NA **			None
29	MP-8						Yes	** NA **			None
30	MP-7						Yes	** NA **			None
31	MP-13						Yes	** NA **			None

Hot Rolled Steel Design Parameters

	Label	Shape	Length...	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bo...	L-tor...	Kyy	Kzz	Cb	Function
1	CP-1	Corner Plate	1.125	.289	.289				1	1		Lateral
2	CP-2	Corner Plate	1.125	.289	.289				1	1		Lateral
3	CP-3	Corner Plate	1.125	.289	.289				1	1		Lateral
4	FFTH	Face Horizontal	12.5	3.875					1	1		Lateral
5	GSI-1	Internal	5	2.5	2.5				1	1		Lateral
6	GSI-2	Internal	5	2.5	2.5				1	1		Lateral
7	GSI-3	Internal	5	2.5	2.5				1	1		Lateral
8	GSIP-1	Grating Support	3.875						1	1		Lateral
9	GSIP-2	Grating Support	3.875						1	1		Lateral
10	GSIP-3	Grating Support	3.875						1	1		Lateral
11	GSIP-4	Grating Support	3.875						1	1		Lateral
12	GSIP-5	Grating Support	3.875						1	1		Lateral
13	GSIP-6	Grating Support	3.875						1	1		Lateral
14	MP-1	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
15	SA-1	Support Arm	5.208						2.1	2.1		Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length...	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bo...	L-tor...	Kyy	Kzz	Cb	Function
16	SA-2	Support Arm	5.208						2.1	2.1		Lateral
17	SA-3	Support Arm	5.208						2.1	2.1		Lateral
18	SF1-TH	Face Horizontal	12.5	3.875					1	1		Lateral
19	SF2-TH	Face Horizontal	12.5	3.875					1	1		Lateral
20	MP-2	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
21	MP-4	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
22	MP-3	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
23	MP-9	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
24	MP-10	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
25	MP-12	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
26	MP-11	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
27	MP-5	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
28	MP-6	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
29	MP-8	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
30	MP-7	Mount Pipes	6	Segment	Segment				2.1	2.1		Lateral
31	MP-13	Mount Pipes	4	Segment	Segment				2.1	2.1		Lateral

Cold Formed Steel Design Parameters

Label	Shape	Lengt...	Lbyy[ft]	Lbzz[ft]	Lcomp to...	Lcomp b...	Kyy	Kzz	Cm-yy	Cm-zz	Cb	R	y sway	z sway
No Data to Print ...														

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut...	Area(Me...	Surface(...
1	Dead	None		-1			31		3	
2	0 Wind - No Ice	None					31	31		
3	30 Wind - No Ice	None					62	62		
4	45 Wind - No Ice	None					62	62		
5	60 Wind - No Ice	None					62	62		
6	90 Wind - No Ice	None					31	31		
7	120 Wind - No Ice	None					62	62		
8	135 Wind - No Ice	None					62	62		
9	150 Wind - No Ice	None					62	62		
10	180 Wind - No Ice	None					31	31		
11	210 Wind - No Ice	None					62	62		
12	225 Wind - No Ice	None					62	62		
13	240 Wind - No Ice	None					62	62		
14	270 Wind - No Ice	None					31	31		
15	300 Wind - No Ice	None					62	62		
16	315 Wind - No Ice	None					62	62		
17	330 Wind - No Ice	None					62	62		
18	Ice Weight	None					31	31	3	
19	0 Wind - Ice	None					31	31		
20	30 Wind - Ice	None					62	62		
21	45 Wind - Ice	None					62	62		
22	60 Wind - Ice	None					62	62		
23	90 Wind - Ice	None					31	31		
24	120 Wind - Ice	None					62	62		
25	135 Wind - Ice	None					62	62		
26	150 Wind - Ice	None					62	62		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut...	Area(Me...	Surface(...
27	180 Wind - Ice	None					31	31		
28	210 Wind - Ice	None					62	62		
29	225 Wind - Ice	None					62	62		
30	240 Wind - Ice	None					62	62		
31	270 Wind - Ice	None					31	31		
32	300 Wind - Ice	None					62	62		
33	315 Wind - Ice	None					62	62		
34	330 Wind - Ice	None					62	62		
35	Lm	None				1				
36	Lv	None				1				
37	Seismic Load X	ELX	-1				31			
38	Seismic Load Z	ELZ			-1		31			
39	BLC 1 Transient Area Loads	None						42		
40	BLC 18 Transient Area Loads	None						42		

Load Combinations

	Description	S...	PDel...	SR...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.4D	Yes	Y		1	1.4																		
2	0.9D+1.0 0-Wind	Yes	Y		1	.9	2	1																
3	0.9D+1.0 30-Wind	Yes	Y		1	.9	3	1																
4	0.9D+1.0 45-Wind	Yes	Y		1	.9	4	1																
5	0.9D+1.0 60-Wind	Yes	Y		1	.9	5	1																
6	0.9D+1.0 90-Wind	Yes	Y		1	.9	6	1																
7	0.9D+1.0 120-Wind	Yes	Y		1	.9	7	1																
8	0.9D+1.0 135-Wind	Yes	Y		1	.9	8	1																
9	0.9D+1.0 150-Wind	Yes	Y		1	.9	9	1																
10	0.9D+1.0 180-Wind	Yes	Y		1	.9	10	1																
11	0.9D+1.0 210-Wind	Yes	Y		1	.9	11	1																
12	0.9D+1.0 225-Wind	Yes	Y		1	.9	12	1																
13	0.9D+1.0 240-Wind	Yes	Y		1	.9	13	1																
14	0.9D+1.0 270-Wind	Yes	Y		1	.9	14	1																
15	0.9D+1.0 300-Wind	Yes	Y		1	.9	15	1																
16	0.9D+1.0 315-Wind	Yes	Y		1	.9	16	1																
17	0.9D+1.0 330-Wind	Yes	Y		1	.9	17	1																
18	1.2D+1.0 0-Wind	Yes	Y		1	1.2	2	1																
19	1.2D+1.0 30-Wind	Yes	Y		1	1.2	3	1																
20	1.2D+1.0 45-Wind	Yes	Y		1	1.2	4	1																
21	1.2D+1.0 60-Wind	Yes	Y		1	1.2	5	1																
22	1.2D+1.0 90-Wind	Yes	Y		1	1.2	6	1																
23	1.2D+1.0 120-Wind	Yes	Y		1	1.2	7	1																
24	1.2D+1.0 135-Wind	Yes	Y		1	1.2	8	1																
25	1.2D+1.0 150-Wind	Yes	Y		1	1.2	9	1																
26	1.2D+1.0 180-Wind	Yes	Y		1	1.2	10	1																
27	1.2D+1.0 210-Wind	Yes	Y		1	1.2	11	1																
28	1.2D+1.0 225-Wind	Yes	Y		1	1.2	12	1																
29	1.2D+1.0 240-Wind	Yes	Y		1	1.2	13	1																
30	1.2D+1.0 270-Wind	Yes	Y		1	1.2	14	1																
31	1.2D+1.0 300-Wind	Yes	Y		1	1.2	15	1																
32	1.2D+1.0 315-Wind	Yes	Y		1	1.2	16	1																
33	1.2D+1.0 330-Wind	Yes	Y		1	1.2	17	1																

Load Combinations (Continued)

	Description	S...	PDel...	SR...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
34	1.2D+1.0Di+1.0 0-Wind Ice	Yes	Y		1	1.2	18	1	19	1																
35	1.2D+1.0Di+1.0 30-Wind Ice	Yes	Y		1	1.2	18	1	20	1																
36	1.2D+1.0Di+1.0 45-Wind Ice	Yes	Y		1	1.2	18	1	21	1																
37	1.2D+1.0Di+1.0 60-Wind Ice	Yes	Y		1	1.2	18	1	22	1																
38	1.2D+1.0Di+1.0 90-Wind Ice	Yes	Y		1	1.2	18	1	23	1																
39	1.2D+1.0Di+1.0 120-Wind Ice	Yes	Y		1	1.2	18	1	24	1																
40	1.2D+1.0Di+1.0 135-Wind Ice	Yes	Y		1	1.2	18	1	25	1																
41	1.2D+1.0Di+1.0 150-Wind Ice	Yes	Y		1	1.2	18	1	26	1																
42	1.2D+1.0Di+1.0 180-Wind Ice	Yes	Y		1	1.2	18	1	27	1																
43	1.2D+1.0Di+1.0 210-Wind Ice	Yes	Y		1	1.2	18	1	28	1																
44	1.2D+1.0Di+1.0 225-Wind Ice	Yes	Y		1	1.2	18	1	29	1																
45	1.2D+1.0Di+1.0 240-Wind Ice	Yes	Y		1	1.2	18	1	30	1																
46	1.2D+1.0Di+1.0 270-Wind Ice	Yes	Y		1	1.2	18	1	31	1																
47	1.2D+1.0Di+1.0 300-Wind Ice	Yes	Y		1	1.2	18	1	32	1																
48	1.2D+1.0Di+1.0 315-Wind Ice	Yes	Y		1	1.2	18	1	33	1																
49	1.2D+1.0Di+1.0 330-Wind Ice	Yes	Y		1	1.2	18	1	34	1																
50	1.2D+1.5Lv	Yes	Y		36	1.5	1	1.2																		
51	1.2D+1.5Lm+1.0 0-Wind	Yes	Y		1	1.2	2	.058	35	1.5																
52	1.2D+1.5Lm+1.0 30-Wind	Yes	Y		1	1.2	3	.058	35	1.5																
53	1.2D+1.5Lm+1.0 45-Wind	Yes	Y		1	1.2	4	.058	35	1.5																
54	1.2D+1.5Lm+1.0 60-Wind	Yes	Y		1	1.2	5	.058	35	1.5																
55	1.2D+1.5Lm+1.0 90-Wind	Yes	Y		1	1.2	6	.058	35	1.5																
56	1.2D+1.5Lm+1.0 120-Wind	Yes	Y		1	1.2	7	.058	35	1.5																
57	1.2D+1.5Lm+1.0 135-Wind	Yes	Y		1	1.2	8	.058	35	1.5																
58	1.2D+1.5Lm+1.0 150-Wind	Yes	Y		1	1.2	9	.058	35	1.5																
59	1.2D+1.5Lm+1.0 180-Wind	Yes	Y		1	1.2	10	.058	35	1.5																
60	1.2D+1.5Lm+1.0 210-Wind	Yes	Y		1	1.2	11	.058	35	1.5																
61	1.2D+1.5Lm+1.0 225-Wind	Yes	Y		1	1.2	12	.058	35	1.5																
62	1.2D+1.5Lm+1.0 240-Wind	Yes	Y		1	1.2	13	.058	35	1.5																
63	1.2D+1.5Lm+1.0 270-Wind	Yes	Y		1	1.2	14	.058	35	1.5																
64	1.2D+1.5Lm+1.0 300-Wind	Yes	Y		1	1.2	15	.058	35	1.5																
65	1.2D+1.5Lm+1.0 315-Wind	Yes	Y		1	1.2	16	.058	35	1.5																
66	1.2D+1.5Lm+1.0 330-Wind	Yes	Y		1	1.2	17	.058	35	1.5																
67	(1.2+0.2Sds)D+1.0 0 Seismic	Yes	Y		1	1.4	E...	.5	0																	
68	(1.2+0.2Sds)D+1.0 30 Seis...	Yes	Y		1	1.4	E...	.433	ELZ	.25																
69	(1.2+0.2Sds)D+1.0 45 Seis...	Yes	Y		1	1.4	E...	.354	ELZ	.354																
70	(1.2+0.2Sds)D+1.0 60 Seis...	Yes	Y		1	1.4	E...	.25	ELZ	.433																
71	(1.2+0.2Sds)D+1.0 90 Seis...	Yes	Y		1	1.4	0		ELZ	.5																
72	(1.2+0.2Sds)D+1.0 120 Sei...	Yes	Y		1	1.4	E...	-.25	ELZ	.433																
73	(1.2+0.2Sds)D+1.0 135 Sei...	Yes	Y		1	1.4	E...	-.3...	ELZ	.354																
74	(1.2+0.2Sds)D+1.0 150 Sei...	Yes	Y		1	1.4	E...	-.4...	ELZ	.25																
75	(1.2+0.2Sds)D+1.0 180 Sei...	Yes	Y		1	1.4	E...	-.5	0																	
76	(1.2+0.2Sds)D+1.0 210 Sei...	Yes	Y		1	1.4	E...	-.4...	ELZ	-.25																
77	(1.2+0.2Sds)D+1.0 225 Sei...	Yes	Y		1	1.4	E...	-.3...	ELZ	-.3...																
78	(1.2+0.2Sds)D+1.0 240 Sei...	Yes	Y		1	1.4	E...	-.25	ELZ	-.4...																
79	(1.2+0.2Sds)D+1.0 270 Sei...	Yes	Y		1	1.4	0		ELZ	-.5																
80	(1.2+0.2Sds)D+1.0 300 Sei...	Yes	Y		1	1.4	E...	.25	ELZ	-.4...																
81	(1.2+0.2Sds)D+1.0 315 Sei...	Yes	Y		1	1.4	E...	.354	ELZ	-.3...																
82	(1.2+0.2Sds)D+1.0 330 Sei...	Yes	Y		1	1.4	E...	.433	ELZ	-.25																
83	(0.9-0.2Sds)*DL+1.0 0 Seis...	Yes	Y		1	.7	E...	.5	0																	
84	(0.9-0.2Sds)*DL+1.0 30 Sei...	Yes	Y		1	.7	E...	.433	ELZ	.25																
85	(0.9-0.2Sds)*DL+1.0 Seismic	Yes	Y		1	.7	E...	.354	ELZ	.354																

Load Combinations (Continued)

	Description	S...	PDel...	SR...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
86	(0.9-0.2Sds)*DL+1.0 60 Sei...	Yes	Y		1	.7	E...	.25	ELZ	.433																
87	(0.9-0.2Sds)*DL+1.0 90 Sei...	Yes	Y		1	.7	0		ELZ	.5																
88	(0.9-0.2Sds)*DL+1.0 120 S...	Yes	Y		1	.7	E...	-.25	ELZ	.433																
89	(0.9-0.2Sds)*DL+1.0 135 S...	Yes	Y		1	.7	E...	-.3...	ELZ	.354																
90	(0.9-0.2Sds)*DL+1.0 150 S...	Yes	Y		1	.7	E...	-.4...	ELZ	.25																
91	(0.9-0.2Sds)*DL+1.0 180 S...	Yes	Y		1	.7	E...	-.5	0																	
92	(0.9-0.2Sds)*DL+1.0 210 S...	Yes	Y		1	.7	E...	-.4...	ELZ	-.25																
93	(0.9-0.2Sds)*DL+1.0 225 S...	Yes	Y		1	.7	E...	-.3...	ELZ	-.3...																
94	(0.9-0.2Sds)*DL+1.0 240 S...	Yes	Y		1	.7	E...	-.25	ELZ	-.4...																
95	(0.9-0.2Sds)*DL+1.0 270 S...	Yes	Y		1	.7	0		ELZ	-.5																
96	(0.9-0.2Sds)*DL+1.0 300 S...	Yes	Y		1	.7	E...	.25	ELZ	-.4...																
97	(0.9-0.2Sds)*DL+1.0 315 S...	Yes	Y		1	.7	E...	.354	ELZ	-.3...																
98	(0.9-0.2Sds)*DL+1.0 330 S...	Yes	Y		1	.7	E...	.433	ELZ	-.25																

Joint Loads and Enforced Displacements (BLC 35 : Lm)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
1	N64A	L	Y	-.5

Joint Loads and Enforced Displacements (BLC 36 : Lv)

	Joint Label	L,D,M	Direction	Magnitude[(k,k-ft), (in,rad), (k*s^2/ft, k*s^2*ft)]
1	N43	L	Y	-.25

Member Point Loads (BLC 1 : Dead)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Y	-.039	.5
2	MP-1	Y	-.07	2
3	MP-1	Y	-.084	4
4	MP-2	Y	-.039	.5
5	MP-3	Y	-.019	.5
6	MP-4	Y	-.019	.5
7	MP-5	Y	-.02	.5
8	MP-5	Y	-.07	2
9	MP-5	Y	-.084	4
10	MP-6	Y	-.039	.5
11	MP-7	Y	-.039	.5
12	MP-8	Y	-.02	.5
13	MP-9	Y	-.02	.5
14	MP-9	Y	-.07	2
15	MP-9	Y	-.084	4
16	MP-10	Y	-.02	.5
17	MP-13	Y	-.044	2
18	MP-11	Y	-.039	.5
19	MP-12	Y	-.039	.5
20	MP-1	Y	-.039	5.5
21	MP-2	Y	-.039	5.5
22	MP-3	Y	-.019	5.5
23	MP-4	Y	-.019	5.5
24	MP-5	Y	-.02	5.5

Member Point Loads (BLC 1 : Dead) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
25	MP-6	Y	-.039	5.5
26	MP-7	Y	-.039	5.5
27	MP-8	Y	-.02	5.5
28	MP-9	Y	-.02	5.5
29	MP-10	Y	-.02	5.5
30	MP-11	Y	-.039	5.5
31	MP-12	Y	-.039	5.5

Member Point Loads (BLC 2 : 0 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.163	.5
2	MP-1	X	-.072	2
3	MP-1	X	-.072	4
4	MP-2	X	-.163	.5
5	MP-3	X	-.157	.5
6	MP-4	X	-.157	.5
7	MP-5	X	-.117	.5
8	MP-5	X	-.047	2
9	MP-5	X	-.054	4
10	MP-6	X	-.089	.5
11	MP-7	X	-.089	.5
12	MP-8	X	-.117	.5
13	MP-9	X	-.117	.5
14	MP-9	X	-.047	2
15	MP-9	X	-.054	4
16	MP-10	X	-.117	.5
17	MP-13	X	-.104	2
18	MP-11	X	-.089	.5
19	MP-12	X	-.089	.5
20	MP-1	X	-.163	5.5
21	MP-2	X	-.163	5.5
22	MP-3	X	-.157	5.5
23	MP-4	X	-.157	5.5
24	MP-5	X	-.117	5.5
25	MP-6	X	-.089	5.5
26	MP-7	X	-.089	5.5
27	MP-8	X	-.117	5.5
28	MP-9	X	-.117	5.5
29	MP-10	X	-.117	5.5
30	MP-11	X	-.089	5.5
31	MP-12	X	-.089	5.5

Member Point Loads (BLC 3 : 30 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.12	.5
2	MP-1	X	-.055	2
3	MP-1	X	-.057	4
4	MP-2	X	-.12	.5
5	MP-3	X	-.125	.5
6	MP-4	X	-.125	.5
7	MP-5	X	-.09	.5

Member Point Loads (BLC 3 : 30 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
8	MP-5	X	-.034	2
9	MP-5	X	-.042	4
10	MP-6	X	-.056	.5
11	MP-7	X	-.056	.5
12	MP-8	X	-.09	.5
13	MP-9	X	-.125	.5
14	MP-9	X	-.055	2
15	MP-9	X	-.057	4
16	MP-10	X	-.125	.5
17	MP-13	X	-.137	2
18	MP-11	X	-.12	.5
19	MP-12	X	-.12	.5
20	MP-1	X	-.12	5.5
21	MP-2	X	-.12	5.5
22	MP-3	X	-.125	5.5
23	MP-4	X	-.125	5.5
24	MP-5	X	-.09	5.5
25	MP-6	X	-.056	5.5
26	MP-7	X	-.056	5.5
27	MP-8	X	-.09	5.5
28	MP-9	X	-.125	5.5
29	MP-10	X	-.125	5.5
30	MP-11	X	-.12	5.5
31	MP-12	X	-.12	5.5
32	MP-1	Z	-.069	.5
33	MP-1	Z	-.032	2
34	MP-1	Z	-.033	4
35	MP-2	Z	-.069	.5
36	MP-3	Z	-.072	.5
37	MP-4	Z	-.072	.5
38	MP-5	Z	-.052	.5
39	MP-5	Z	-.019	2
40	MP-5	Z	-.024	4
41	MP-6	Z	-.032	.5
42	MP-7	Z	-.032	.5
43	MP-8	Z	-.052	.5
44	MP-9	Z	-.072	.5
45	MP-9	Z	-.032	2
46	MP-9	Z	-.033	4
47	MP-10	Z	-.072	.5
48	MP-13	Z	-.079	2
49	MP-11	Z	-.069	.5
50	MP-12	Z	-.069	.5
51	MP-1	Z	-.069	5.5
52	MP-2	Z	-.069	5.5
53	MP-3	Z	-.072	5.5
54	MP-4	Z	-.072	5.5
55	MP-5	Z	-.052	5.5
56	MP-6	Z	-.032	5.5
57	MP-7	Z	-.032	5.5
58	MP-8	Z	-.052	5.5
59	MP-9	Z	-.072	5.5

Member Point Loads (BLC 3 : 30 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
60	MP-10	Z	-.072	5.5
61	MP-11	Z	-.069	5.5
62	MP-12	Z	-.069	5.5

Member Point Loads (BLC 4 : 45 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.08	.5
2	MP-1	X	-.039	2
3	MP-1	X	-.043	4
4	MP-2	X	-.08	.5
5	MP-3	X	-.092	.5
6	MP-4	X	-.092	.5
7	MP-5	X	-.076	.5
8	MP-5	X	-.029	2
9	MP-5	X	-.035	4
10	MP-6	X	-.05	.5
11	MP-7	X	-.05	.5
12	MP-8	X	-.076	.5
13	MP-9	X	-.109	.5
14	MP-9	X	-.049	2
15	MP-9	X	-.05	4
16	MP-10	X	-.109	.5
17	MP-13	X	-.125	2
18	MP-11	X	-.11	.5
19	MP-12	X	-.11	.5
20	MP-1	X	-.08	5.5
21	MP-2	X	-.08	5.5
22	MP-3	X	-.092	5.5
23	MP-4	X	-.092	5.5
24	MP-5	X	-.076	5.5
25	MP-6	X	-.05	5.5
26	MP-7	X	-.05	5.5
27	MP-8	X	-.076	5.5
28	MP-9	X	-.109	5.5
29	MP-10	X	-.109	5.5
30	MP-11	X	-.11	5.5
31	MP-12	X	-.11	5.5
32	MP-1	Z	-.08	.5
33	MP-1	Z	-.039	2
34	MP-1	Z	-.043	4
35	MP-2	Z	-.08	.5
36	MP-3	Z	-.092	.5
37	MP-4	Z	-.092	.5
38	MP-5	Z	-.076	.5
39	MP-5	Z	-.029	2
40	MP-5	Z	-.035	4
41	MP-6	Z	-.05	.5
42	MP-7	Z	-.05	.5
43	MP-8	Z	-.076	.5
44	MP-9	Z	-.109	.5
45	MP-9	Z	-.049	2

Member Point Loads (BLC 4 : 45 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
46	MP-9	Z	-.05	4
47	MP-10	Z	-.109	.5
48	MP-13	Z	-.125	2
49	MP-11	Z	-.11	.5
50	MP-12	Z	-.11	.5
51	MP-1	Z	-.08	5.5
52	MP-2	Z	-.08	5.5
53	MP-3	Z	-.092	5.5
54	MP-4	Z	-.092	5.5
55	MP-5	Z	-.076	5.5
56	MP-6	Z	-.05	5.5
57	MP-7	Z	-.05	5.5
58	MP-8	Z	-.076	5.5
59	MP-9	Z	-.109	5.5
60	MP-10	Z	-.109	5.5
61	MP-11	Z	-.11	5.5
62	MP-12	Z	-.11	5.5

Member Point Loads (BLC 5 : 60 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.044	.5
2	MP-1	X	-.024	2
3	MP-1	X	-.027	4
4	MP-2	X	-.044	.5
5	MP-3	X	-.059	.5
6	MP-4	X	-.059	.5
7	MP-5	X	-.059	.5
8	MP-5	X	-.024	2
9	MP-5	X	-.027	4
10	MP-6	X	-.044	.5
11	MP-7	X	-.044	.5
12	MP-8	X	-.059	.5
13	MP-9	X	-.079	.5
14	MP-9	X	-.036	2
15	MP-9	X	-.036	4
16	MP-10	X	-.079	.5
17	MP-13	X	-.092	2
18	MP-11	X	-.081	.5
19	MP-12	X	-.081	.5
20	MP-1	X	-.044	5.5
21	MP-2	X	-.044	5.5
22	MP-3	X	-.059	5.5
23	MP-4	X	-.059	5.5
24	MP-5	X	-.059	5.5
25	MP-6	X	-.044	5.5
26	MP-7	X	-.044	5.5
27	MP-8	X	-.059	5.5
28	MP-9	X	-.079	5.5
29	MP-10	X	-.079	5.5
30	MP-11	X	-.081	5.5
31	MP-12	X	-.081	5.5

Member Point Loads (BLC 5 : 60 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
32	MP-1	Z	-.077	.5
33	MP-1	Z	-.041	2
34	MP-1	Z	-.047	4
35	MP-2	Z	-.077	.5
36	MP-3	Z	-.102	.5
37	MP-4	Z	-.102	.5
38	MP-5	Z	-.102	.5
39	MP-5	Z	-.041	2
40	MP-5	Z	-.047	4
41	MP-6	Z	-.077	.5
42	MP-7	Z	-.077	.5
43	MP-8	Z	-.102	.5
44	MP-9	Z	-.136	.5
45	MP-9	Z	-.062	2
46	MP-9	Z	-.062	4
47	MP-10	Z	-.136	.5
48	MP-13	Z	-.16	2
49	MP-11	Z	-.141	.5
50	MP-12	Z	-.141	.5
51	MP-1	Z	-.077	5.5
52	MP-2	Z	-.077	5.5
53	MP-3	Z	-.102	5.5
54	MP-4	Z	-.102	5.5
55	MP-5	Z	-.102	5.5
56	MP-6	Z	-.077	5.5
57	MP-7	Z	-.077	5.5
58	MP-8	Z	-.102	5.5
59	MP-9	Z	-.136	5.5
60	MP-10	Z	-.136	5.5
61	MP-11	Z	-.141	5.5
62	MP-12	Z	-.141	5.5

Member Point Loads (BLC 6 : 90 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Z	-.064	.5
2	MP-1	Z	-.039	2
3	MP-1	Z	-.048	4
4	MP-2	Z	-.064	.5
5	MP-3	Z	-.104	.5
6	MP-4	Z	-.104	.5
7	MP-5	Z	-.144	.5
8	MP-5	Z	-.064	2
9	MP-5	Z	-.066	4
10	MP-6	Z	-.138	.5
11	MP-7	Z	-.138	.5
12	MP-8	Z	-.144	.5
13	MP-9	Z	-.144	.5
14	MP-9	Z	-.064	2
15	MP-9	Z	-.066	4
16	MP-10	Z	-.144	.5
17	MP-13	Z	-.158	2

Member Point Loads (BLC 6 : 90 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
18	MP-11	Z	-.138	.5
19	MP-12	Z	-.138	.5
20	MP-1	Z	-.064	5.5
21	MP-2	Z	-.064	5.5
22	MP-3	Z	-.104	5.5
23	MP-4	Z	-.104	5.5
24	MP-5	Z	-.144	5.5
25	MP-6	Z	-.138	5.5
26	MP-7	Z	-.138	5.5
27	MP-8	Z	-.144	5.5
28	MP-9	Z	-.144	5.5
29	MP-10	Z	-.144	5.5
30	MP-11	Z	-.138	5.5
31	MP-12	Z	-.138	5.5

Member Point Loads (BLC 7 : 120 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.044	.5
2	MP-1	X	.024	2
3	MP-1	X	.027	4
4	MP-2	X	.044	.5
5	MP-3	X	.059	.5
6	MP-4	X	.059	.5
7	MP-5	X	.079	.5
8	MP-5	X	.036	2
9	MP-5	X	.036	4
10	MP-6	X	.081	.5
11	MP-7	X	.081	.5
12	MP-8	X	.079	.5
13	MP-9	X	.059	.5
14	MP-9	X	.024	2
15	MP-9	X	.027	4
16	MP-10	X	.059	.5
17	MP-13	X	.052	2
18	MP-11	X	.044	.5
19	MP-12	X	.044	.5
20	MP-1	X	.044	5.5
21	MP-2	X	.044	5.5
22	MP-3	X	.059	5.5
23	MP-4	X	.059	5.5
24	MP-5	X	.079	5.5
25	MP-6	X	.081	5.5
26	MP-7	X	.081	5.5
27	MP-8	X	.079	5.5
28	MP-9	X	.059	5.5
29	MP-10	X	.059	5.5
30	MP-11	X	.044	5.5
31	MP-12	X	.044	5.5
32	MP-1	Z	-.077	.5
33	MP-1	Z	-.041	2
34	MP-1	Z	-.047	4

Member Point Loads (BLC 7 : 120 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
35	MP-2	Z	-.077	.5
36	MP-3	Z	-.102	.5
37	MP-4	Z	-.102	.5
38	MP-5	Z	-.136	.5
39	MP-5	Z	-.062	2
40	MP-5	Z	-.062	4
41	MP-6	Z	-.141	.5
42	MP-7	Z	-.141	.5
43	MP-8	Z	-.136	.5
44	MP-9	Z	-.102	.5
45	MP-9	Z	-.041	2
46	MP-9	Z	-.047	4
47	MP-10	Z	-.102	.5
48	MP-13	Z	-.09	2
49	MP-11	Z	-.077	.5
50	MP-12	Z	-.077	.5
51	MP-1	Z	-.077	5.5
52	MP-2	Z	-.077	5.5
53	MP-3	Z	-.102	5.5
54	MP-4	Z	-.102	5.5
55	MP-5	Z	-.136	5.5
56	MP-6	Z	-.141	5.5
57	MP-7	Z	-.141	5.5
58	MP-8	Z	-.136	5.5
59	MP-9	Z	-.102	5.5
60	MP-10	Z	-.102	5.5
61	MP-11	Z	-.077	5.5
62	MP-12	Z	-.077	5.5

Member Point Loads (BLC 8 : 135 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.08	.5
2	MP-1	X	.039	2
3	MP-1	X	.043	4
4	MP-2	X	.08	.5
5	MP-3	X	.092	.5
6	MP-4	X	.092	.5
7	MP-5	X	.109	.5
8	MP-5	X	.049	2
9	MP-5	X	.05	4
10	MP-6	X	.11	.5
11	MP-7	X	.11	.5
12	MP-8	X	.109	.5
13	MP-9	X	.076	.5
14	MP-9	X	.029	2
15	MP-9	X	.035	4
16	MP-10	X	.076	.5
17	MP-13	X	.06	2
18	MP-11	X	.05	.5
19	MP-12	X	.05	.5
20	MP-1	X	.08	5.5

Member Point Loads (BLC 8 : 135 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
21	MP-2	X	.08	5.5
22	MP-3	X	.092	5.5
23	MP-4	X	.092	5.5
24	MP-5	X	.109	5.5
25	MP-6	X	.11	5.5
26	MP-7	X	.11	5.5
27	MP-8	X	.109	5.5
28	MP-9	X	.076	5.5
29	MP-10	X	.076	5.5
30	MP-11	X	.05	5.5
31	MP-12	X	.05	5.5
32	MP-1	Z	-.08	.5
33	MP-1	Z	-.039	2
34	MP-1	Z	-.043	4
35	MP-2	Z	-.08	.5
36	MP-3	Z	-.092	.5
37	MP-4	Z	-.092	.5
38	MP-5	Z	-.109	.5
39	MP-5	Z	-.049	2
40	MP-5	Z	-.05	4
41	MP-6	Z	-.11	.5
42	MP-7	Z	-.11	.5
43	MP-8	Z	-.109	.5
44	MP-9	Z	-.076	.5
45	MP-9	Z	-.029	2
46	MP-9	Z	-.035	4
47	MP-10	Z	-.076	.5
48	MP-13	Z	-.06	2
49	MP-11	Z	-.05	.5
50	MP-12	Z	-.05	.5
51	MP-1	Z	-.08	5.5
52	MP-2	Z	-.08	5.5
53	MP-3	Z	-.092	5.5
54	MP-4	Z	-.092	5.5
55	MP-5	Z	-.109	5.5
56	MP-6	Z	-.11	5.5
57	MP-7	Z	-.11	5.5
58	MP-8	Z	-.109	5.5
59	MP-9	Z	-.076	5.5
60	MP-10	Z	-.076	5.5
61	MP-11	Z	-.05	5.5
62	MP-12	Z	-.05	5.5

Member Point Loads (BLC 9 : 150 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.12	.5
2	MP-1	X	.055	2
3	MP-1	X	.057	4
4	MP-2	X	.12	.5
5	MP-3	X	.125	.5
6	MP-4	X	.125	.5

Member Point Loads (BLC 9 : 150 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
7	MP-5	X	.125	.5
8	MP-5	X	.055	2
9	MP-5	X	.057	4
10	MP-6	X	.12	.5
11	MP-7	X	.12	.5
12	MP-8	X	.125	.5
13	MP-9	X	.09	.5
14	MP-9	X	.034	2
15	MP-9	X	.042	4
16	MP-10	X	.09	.5
17	MP-13	X	.067	2
18	MP-11	X	.056	.5
19	MP-12	X	.056	.5
20	MP-1	X	.12	5.5
21	MP-2	X	.12	5.5
22	MP-3	X	.125	5.5
23	MP-4	X	.125	5.5
24	MP-5	X	.125	5.5
25	MP-6	X	.12	5.5
26	MP-7	X	.12	5.5
27	MP-8	X	.125	5.5
28	MP-9	X	.09	5.5
29	MP-10	X	.09	5.5
30	MP-11	X	.056	5.5
31	MP-12	X	.056	5.5
32	MP-1	Z	-.069	.5
33	MP-1	Z	-.032	2
34	MP-1	Z	-.033	4
35	MP-2	Z	-.069	.5
36	MP-3	Z	-.072	.5
37	MP-4	Z	-.072	.5
38	MP-5	Z	-.072	.5
39	MP-5	Z	-.032	2
40	MP-5	Z	-.033	4
41	MP-6	Z	-.069	.5
42	MP-7	Z	-.069	.5
43	MP-8	Z	-.072	.5
44	MP-9	Z	-.052	.5
45	MP-9	Z	-.019	2
46	MP-9	Z	-.024	4
47	MP-10	Z	-.052	.5
48	MP-13	Z	-.038	2
49	MP-11	Z	-.032	.5
50	MP-12	Z	-.032	.5
51	MP-1	Z	-.069	5.5
52	MP-2	Z	-.069	5.5
53	MP-3	Z	-.072	5.5
54	MP-4	Z	-.072	5.5
55	MP-5	Z	-.072	5.5
56	MP-6	Z	-.069	5.5
57	MP-7	Z	-.069	5.5
58	MP-8	Z	-.072	5.5

Member Point Loads (BLC 9 : 150 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
59	MP-9	Z	-.052	5.5
60	MP-10	Z	-.052	5.5
61	MP-11	Z	-.032	5.5
62	MP-12	Z	-.032	5.5

Member Point Loads (BLC 10 : 180 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.163	.5
2	MP-1	X	.072	2
3	MP-1	X	.072	4
4	MP-2	X	.163	.5
5	MP-3	X	.157	.5
6	MP-4	X	.157	.5
7	MP-5	X	.117	.5
8	MP-5	X	.047	2
9	MP-5	X	.054	4
10	MP-6	X	.089	.5
11	MP-7	X	.089	.5
12	MP-8	X	.117	.5
13	MP-9	X	.117	.5
14	MP-9	X	.047	2
15	MP-9	X	.054	4
16	MP-10	X	.117	.5
17	MP-13	X	.104	2
18	MP-11	X	.089	.5
19	MP-12	X	.089	.5
20	MP-1	X	.163	5.5
21	MP-2	X	.163	5.5
22	MP-3	X	.157	5.5
23	MP-4	X	.157	5.5
24	MP-5	X	.117	5.5
25	MP-6	X	.089	5.5
26	MP-7	X	.089	5.5
27	MP-8	X	.117	5.5
28	MP-9	X	.117	5.5
29	MP-10	X	.117	5.5
30	MP-11	X	.089	5.5
31	MP-12	X	.089	5.5

Member Point Loads (BLC 11 : 210 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.12	.5
2	MP-1	X	.055	2
3	MP-1	X	.057	4
4	MP-2	X	.12	.5
5	MP-3	X	.125	.5
6	MP-4	X	.125	.5
7	MP-5	X	.09	.5
8	MP-5	X	.034	2
9	MP-5	X	.042	4
10	MP-6	X	.056	.5

Member Point Loads (BLC 11 : 210 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
11	MP-7	X	.056	.5
12	MP-8	X	.09	.5
13	MP-9	X	.125	.5
14	MP-9	X	.055	2
15	MP-9	X	.057	4
16	MP-10	X	.125	.5
17	MP-13	X	.137	2
18	MP-11	X	.12	.5
19	MP-12	X	.12	.5
20	MP-1	X	.12	5.5
21	MP-2	X	.12	5.5
22	MP-3	X	.125	5.5
23	MP-4	X	.125	5.5
24	MP-5	X	.09	5.5
25	MP-6	X	.056	5.5
26	MP-7	X	.056	5.5
27	MP-8	X	.09	5.5
28	MP-9	X	.125	5.5
29	MP-10	X	.125	5.5
30	MP-11	X	.12	5.5
31	MP-12	X	.12	5.5
32	MP-1	Z	.069	.5
33	MP-1	Z	.032	2
34	MP-1	Z	.033	4
35	MP-2	Z	.069	.5
36	MP-3	Z	.072	.5
37	MP-4	Z	.072	.5
38	MP-5	Z	.052	.5
39	MP-5	Z	.019	2
40	MP-5	Z	.024	4
41	MP-6	Z	.032	.5
42	MP-7	Z	.032	.5
43	MP-8	Z	.052	.5
44	MP-9	Z	.072	.5
45	MP-9	Z	.032	2
46	MP-9	Z	.033	4
47	MP-10	Z	.072	.5
48	MP-13	Z	.079	2
49	MP-11	Z	.069	.5
50	MP-12	Z	.069	.5
51	MP-1	Z	.069	5.5
52	MP-2	Z	.069	5.5
53	MP-3	Z	.072	5.5
54	MP-4	Z	.072	5.5
55	MP-5	Z	.052	5.5
56	MP-6	Z	.032	5.5
57	MP-7	Z	.032	5.5
58	MP-8	Z	.052	5.5
59	MP-9	Z	.072	5.5
60	MP-10	Z	.072	5.5
61	MP-11	Z	.069	5.5
62	MP-12	Z	.069	5.5

Member Point Loads (BLC 12 : 225 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.08	.5
2	MP-1	X	.039	2
3	MP-1	X	.043	4
4	MP-2	X	.08	.5
5	MP-3	X	.092	.5
6	MP-4	X	.092	.5
7	MP-5	X	.076	.5
8	MP-5	X	.029	2
9	MP-5	X	.035	4
10	MP-6	X	.05	.5
11	MP-7	X	.05	.5
12	MP-8	X	.076	.5
13	MP-9	X	.109	.5
14	MP-9	X	.049	2
15	MP-9	X	.05	4
16	MP-10	X	.109	.5
17	MP-13	X	.125	2
18	MP-11	X	.11	.5
19	MP-12	X	.11	.5
20	MP-1	X	.08	5.5
21	MP-2	X	.08	5.5
22	MP-3	X	.092	5.5
23	MP-4	X	.092	5.5
24	MP-5	X	.076	5.5
25	MP-6	X	.05	5.5
26	MP-7	X	.05	5.5
27	MP-8	X	.076	5.5
28	MP-9	X	.109	5.5
29	MP-10	X	.109	5.5
30	MP-11	X	.11	5.5
31	MP-12	X	.11	5.5
32	MP-1	Z	.08	.5
33	MP-1	Z	.039	2
34	MP-1	Z	.043	4
35	MP-2	Z	.08	.5
36	MP-3	Z	.092	.5
37	MP-4	Z	.092	.5
38	MP-5	Z	.076	.5
39	MP-5	Z	.029	2
40	MP-5	Z	.035	4
41	MP-6	Z	.05	.5
42	MP-7	Z	.05	.5
43	MP-8	Z	.076	.5
44	MP-9	Z	.109	.5
45	MP-9	Z	.049	2
46	MP-9	Z	.05	4
47	MP-10	Z	.109	.5
48	MP-13	Z	.125	2
49	MP-11	Z	.11	.5
50	MP-12	Z	.11	.5
51	MP-1	Z	.08	5.5
52	MP-2	Z	.08	5.5

Member Point Loads (BLC 12 : 225 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP-3	Z	.092	5.5
54	MP-4	Z	.092	5.5
55	MP-5	Z	.076	5.5
56	MP-6	Z	.05	5.5
57	MP-7	Z	.05	5.5
58	MP-8	Z	.076	5.5
59	MP-9	Z	.109	5.5
60	MP-10	Z	.109	5.5
61	MP-11	Z	.11	5.5
62	MP-12	Z	.11	5.5

Member Point Loads (BLC 13 : 240 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.044	.5
2	MP-1	X	.024	2
3	MP-1	X	.027	4
4	MP-2	X	.044	.5
5	MP-3	X	.059	.5
6	MP-4	X	.059	.5
7	MP-5	X	.059	.5
8	MP-5	X	.024	2
9	MP-5	X	.027	4
10	MP-6	X	.044	.5
11	MP-7	X	.044	.5
12	MP-8	X	.059	.5
13	MP-9	X	.079	.5
14	MP-9	X	.036	2
15	MP-9	X	.036	4
16	MP-10	X	.079	.5
17	MP-13	X	.092	2
18	MP-11	X	.081	.5
19	MP-12	X	.081	.5
20	MP-1	X	.044	5.5
21	MP-2	X	.044	5.5
22	MP-3	X	.059	5.5
23	MP-4	X	.059	5.5
24	MP-5	X	.059	5.5
25	MP-6	X	.044	5.5
26	MP-7	X	.044	5.5
27	MP-8	X	.059	5.5
28	MP-9	X	.079	5.5
29	MP-10	X	.079	5.5
30	MP-11	X	.081	5.5
31	MP-12	X	.081	5.5
32	MP-1	Z	.077	.5
33	MP-1	Z	.041	2
34	MP-1	Z	.047	4
35	MP-2	Z	.077	.5
36	MP-3	Z	.102	.5
37	MP-4	Z	.102	.5
38	MP-5	Z	.102	.5

Member Point Loads (BLC 13 : 240 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
39	MP-5	Z	.041	2
40	MP-5	Z	.047	4
41	MP-6	Z	.077	.5
42	MP-7	Z	.077	.5
43	MP-8	Z	.102	.5
44	MP-9	Z	.136	.5
45	MP-9	Z	.062	2
46	MP-9	Z	.062	4
47	MP-10	Z	.136	.5
48	MP-13	Z	.16	2
49	MP-11	Z	.141	.5
50	MP-12	Z	.141	.5
51	MP-1	Z	.077	5.5
52	MP-2	Z	.077	5.5
53	MP-3	Z	.102	5.5
54	MP-4	Z	.102	5.5
55	MP-5	Z	.102	5.5
56	MP-6	Z	.077	5.5
57	MP-7	Z	.077	5.5
58	MP-8	Z	.102	5.5
59	MP-9	Z	.136	5.5
60	MP-10	Z	.136	5.5
61	MP-11	Z	.141	5.5
62	MP-12	Z	.141	5.5

Member Point Loads (BLC 14 : 270 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Z	.064	.5
2	MP-1	Z	.039	2
3	MP-1	Z	.048	4
4	MP-2	Z	.064	.5
5	MP-3	Z	.104	.5
6	MP-4	Z	.104	.5
7	MP-5	Z	.144	.5
8	MP-5	Z	.064	2
9	MP-5	Z	.066	4
10	MP-6	Z	.138	.5
11	MP-7	Z	.138	.5
12	MP-8	Z	.144	.5
13	MP-9	Z	.144	.5
14	MP-9	Z	.064	2
15	MP-9	Z	.066	4
16	MP-10	Z	.144	.5
17	MP-13	Z	.158	2
18	MP-11	Z	.138	.5
19	MP-12	Z	.138	.5
20	MP-1	Z	.064	5.5
21	MP-2	Z	.064	5.5
22	MP-3	Z	.104	5.5
23	MP-4	Z	.104	5.5
24	MP-5	Z	.144	5.5

Member Point Loads (BLC 14 : 270 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
25	MP-6	Z	.138	5.5
26	MP-7	Z	.138	5.5
27	MP-8	Z	.144	5.5
28	MP-9	Z	.144	5.5
29	MP-10	Z	.144	5.5
30	MP-11	Z	.138	5.5
31	MP-12	Z	.138	5.5

Member Point Loads (BLC 15 : 300 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.044	.5
2	MP-1	X	-.024	2
3	MP-1	X	-.027	4
4	MP-2	X	-.044	.5
5	MP-3	X	-.059	.5
6	MP-4	X	-.059	.5
7	MP-5	X	-.079	.5
8	MP-5	X	-.036	2
9	MP-5	X	-.036	4
10	MP-6	X	-.081	.5
11	MP-7	X	-.081	.5
12	MP-8	X	-.079	.5
13	MP-9	X	-.059	.5
14	MP-9	X	-.024	2
15	MP-9	X	-.027	4
16	MP-10	X	-.059	.5
17	MP-13	X	-.052	2
18	MP-11	X	-.044	.5
19	MP-12	X	-.044	.5
20	MP-1	X	-.044	5.5
21	MP-2	X	-.044	5.5
22	MP-3	X	-.059	5.5
23	MP-4	X	-.059	5.5
24	MP-5	X	-.079	5.5
25	MP-6	X	-.081	5.5
26	MP-7	X	-.081	5.5
27	MP-8	X	-.079	5.5
28	MP-9	X	-.059	5.5
29	MP-10	X	-.059	5.5
30	MP-11	X	-.044	5.5
31	MP-12	X	-.044	5.5
32	MP-1	Z	.077	.5
33	MP-1	Z	.041	2
34	MP-1	Z	.047	4
35	MP-2	Z	.077	.5
36	MP-3	Z	.102	.5
37	MP-4	Z	.102	.5
38	MP-5	Z	.136	.5
39	MP-5	Z	.062	2
40	MP-5	Z	.062	4
41	MP-6	Z	.141	.5

Member Point Loads (BLC 15 : 300 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
42	MP-7	Z	.141	.5
43	MP-8	Z	.136	.5
44	MP-9	Z	.102	.5
45	MP-9	Z	.041	2
46	MP-9	Z	.047	4
47	MP-10	Z	.102	.5
48	MP-13	Z	.09	2
49	MP-11	Z	.077	.5
50	MP-12	Z	.077	.5
51	MP-1	Z	.077	5.5
52	MP-2	Z	.077	5.5
53	MP-3	Z	.102	5.5
54	MP-4	Z	.102	5.5
55	MP-5	Z	.136	5.5
56	MP-6	Z	.141	5.5
57	MP-7	Z	.141	5.5
58	MP-8	Z	.136	5.5
59	MP-9	Z	.102	5.5
60	MP-10	Z	.102	5.5
61	MP-11	Z	.077	5.5
62	MP-12	Z	.077	5.5

Member Point Loads (BLC 16 : 315 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.08	.5
2	MP-1	X	-.039	2
3	MP-1	X	-.043	4
4	MP-2	X	-.08	.5
5	MP-3	X	-.092	.5
6	MP-4	X	-.092	.5
7	MP-5	X	-.109	.5
8	MP-5	X	-.049	2
9	MP-5	X	-.05	4
10	MP-6	X	-.11	.5
11	MP-7	X	-.11	.5
12	MP-8	X	-.109	.5
13	MP-9	X	-.076	.5
14	MP-9	X	-.029	2
15	MP-9	X	-.035	4
16	MP-10	X	-.076	.5
17	MP-13	X	-.06	2
18	MP-11	X	-.05	.5
19	MP-12	X	-.05	.5
20	MP-1	X	-.08	5.5
21	MP-2	X	-.08	5.5
22	MP-3	X	-.092	5.5
23	MP-4	X	-.092	5.5
24	MP-5	X	-.109	5.5
25	MP-6	X	-.11	5.5
26	MP-7	X	-.11	5.5
27	MP-8	X	-.109	5.5

Member Point Loads (BLC 16 : 315 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
28	MP-9	X	-.076	5.5
29	MP-10	X	-.076	5.5
30	MP-11	X	-.05	5.5
31	MP-12	X	-.05	5.5
32	MP-1	Z	.08	.5
33	MP-1	Z	.039	2
34	MP-1	Z	.043	4
35	MP-2	Z	.08	.5
36	MP-3	Z	.092	.5
37	MP-4	Z	.092	.5
38	MP-5	Z	.109	.5
39	MP-5	Z	.049	2
40	MP-5	Z	.05	4
41	MP-6	Z	.11	.5
42	MP-7	Z	.11	.5
43	MP-8	Z	.109	.5
44	MP-9	Z	.076	.5
45	MP-9	Z	.029	2
46	MP-9	Z	.035	4
47	MP-10	Z	.076	.5
48	MP-13	Z	.06	2
49	MP-11	Z	.05	.5
50	MP-12	Z	.05	.5
51	MP-1	Z	.08	5.5
52	MP-2	Z	.08	5.5
53	MP-3	Z	.092	5.5
54	MP-4	Z	.092	5.5
55	MP-5	Z	.109	5.5
56	MP-6	Z	.11	5.5
57	MP-7	Z	.11	5.5
58	MP-8	Z	.109	5.5
59	MP-9	Z	.076	5.5
60	MP-10	Z	.076	5.5
61	MP-11	Z	.05	5.5
62	MP-12	Z	.05	5.5

Member Point Loads (BLC 17 : 330 Wind - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.12	.5
2	MP-1	X	-.055	2
3	MP-1	X	-.057	4
4	MP-2	X	-.12	.5
5	MP-3	X	-.125	.5
6	MP-4	X	-.125	.5
7	MP-5	X	-.125	.5
8	MP-5	X	-.055	2
9	MP-5	X	-.057	4
10	MP-6	X	-.12	.5
11	MP-7	X	-.12	.5
12	MP-8	X	-.125	.5
13	MP-9	X	-.09	.5

Member Point Loads (BLC 17 : 330 Wind - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
14	MP-9	X	-.034	2
15	MP-9	X	-.042	4
16	MP-10	X	-.09	.5
17	MP-13	X	-.067	2
18	MP-11	X	-.056	.5
19	MP-12	X	-.056	.5
20	MP-1	X	-.12	5.5
21	MP-2	X	-.12	5.5
22	MP-3	X	-.125	5.5
23	MP-4	X	-.125	5.5
24	MP-5	X	-.125	5.5
25	MP-6	X	-.12	5.5
26	MP-7	X	-.12	5.5
27	MP-8	X	-.125	5.5
28	MP-9	X	-.09	5.5
29	MP-10	X	-.09	5.5
30	MP-11	X	-.056	5.5
31	MP-12	X	-.056	5.5
32	MP-1	Z	.069	.5
33	MP-1	Z	.032	2
34	MP-1	Z	.033	4
35	MP-2	Z	.069	.5
36	MP-3	Z	.072	.5
37	MP-4	Z	.072	.5
38	MP-5	Z	.072	.5
39	MP-5	Z	.032	2
40	MP-5	Z	.033	4
41	MP-6	Z	.069	.5
42	MP-7	Z	.069	.5
43	MP-8	Z	.072	.5
44	MP-9	Z	.052	.5
45	MP-9	Z	.019	2
46	MP-9	Z	.024	4
47	MP-10	Z	.052	.5
48	MP-13	Z	.038	2
49	MP-11	Z	.032	.5
50	MP-12	Z	.032	.5
51	MP-1	Z	.069	5.5
52	MP-2	Z	.069	5.5
53	MP-3	Z	.072	5.5
54	MP-4	Z	.072	5.5
55	MP-5	Z	.072	5.5
56	MP-6	Z	.069	5.5
57	MP-7	Z	.069	5.5
58	MP-8	Z	.072	5.5
59	MP-9	Z	.052	5.5
60	MP-10	Z	.052	5.5
61	MP-11	Z	.032	5.5
62	MP-12	Z	.032	5.5

Member Point Loads (BLC 18 : Ice Weight)

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

Member Point Loads (BLC 18 : Ice Weight) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Y	-.198	.5
2	MP-1	Y	-.101	2
3	MP-1	Y	-.111	4
4	MP-2	Y	-.198	.5
5	MP-3	Y	-.146	.5
6	MP-4	Y	-.146	.5
7	MP-5	Y	-.146	.5
8	MP-5	Y	-.101	2
9	MP-5	Y	-.111	4
10	MP-6	Y	-.198	.5
11	MP-7	Y	-.198	.5
12	MP-8	Y	-.146	.5
13	MP-9	Y	-.146	.5
14	MP-9	Y	-.101	2
15	MP-9	Y	-.111	4
16	MP-10	Y	-.146	.5
17	MP-13	Y	-.205	2
18	MP-11	Y	-.198	.5
19	MP-12	Y	-.198	.5
20	MP-1	Y	-.198	5.5
21	MP-2	Y	-.198	5.5
22	MP-3	Y	-.146	5.5
23	MP-4	Y	-.146	5.5
24	MP-5	Y	-.146	5.5
25	MP-6	Y	-.198	5.5
26	MP-7	Y	-.198	5.5
27	MP-8	Y	-.146	5.5
28	MP-9	Y	-.146	5.5
29	MP-10	Y	-.146	5.5
30	MP-11	Y	-.198	5.5
31	MP-12	Y	-.198	5.5

Member Point Loads (BLC 19 : 0 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.033	.5
2	MP-1	X	-.02	2
3	MP-1	X	-.02	4
4	MP-2	X	-.033	.5
5	MP-3	X	-.036	.5
6	MP-4	X	-.036	.5
7	MP-5	X	-.036	.5
8	MP-5	X	-.02	2
9	MP-5	X	-.02	4
10	MP-6	X	-.033	.5
11	MP-7	X	-.033	.5
12	MP-8	X	-.036	.5
13	MP-9	X	-.036	.5
14	MP-9	X	-.02	2
15	MP-9	X	-.02	4
16	MP-10	X	-.036	.5
17	MP-13	X	-.042	2

Member Point Loads (BLC 19 : 0 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
18	MP-11	X	-.033	.5
19	MP-12	X	-.033	.5
20	MP-1	X	-.033	5.5
21	MP-2	X	-.033	5.5
22	MP-3	X	-.036	5.5
23	MP-4	X	-.036	5.5
24	MP-5	X	-.036	5.5
25	MP-6	X	-.033	5.5
26	MP-7	X	-.033	5.5
27	MP-8	X	-.036	5.5
28	MP-9	X	-.036	5.5
29	MP-10	X	-.036	5.5
30	MP-11	X	-.033	5.5
31	MP-12	X	-.033	5.5

Member Point Loads (BLC 20 : 30 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.025	.5
2	MP-1	X	-.016	2
3	MP-1	X	-.016	4
4	MP-2	X	-.025	.5
5	MP-3	X	-.029	.5
6	MP-4	X	-.029	.5
7	MP-5	X	-.023	.5
8	MP-5	X	-.011	2
9	MP-5	X	-.013	4
10	MP-6	X	-.014	.5
11	MP-7	X	-.014	.5
12	MP-8	X	-.023	.5
13	MP-9	X	-.029	.5
14	MP-9	X	-.016	2
15	MP-9	X	-.016	4
16	MP-10	X	-.029	.5
17	MP-13	X	-.032	2
18	MP-11	X	-.025	.5
19	MP-12	X	-.025	.5
20	MP-1	X	-.025	5.5
21	MP-2	X	-.025	5.5
22	MP-3	X	-.029	5.5
23	MP-4	X	-.029	5.5
24	MP-5	X	-.023	5.5
25	MP-6	X	-.014	5.5
26	MP-7	X	-.014	5.5
27	MP-8	X	-.023	5.5
28	MP-9	X	-.029	5.5
29	MP-10	X	-.029	5.5
30	MP-11	X	-.025	5.5
31	MP-12	X	-.025	5.5
32	MP-1	Z	-.014	.5
33	MP-1	Z	-.009	2
34	MP-1	Z	-.009	4

Member Point Loads (BLC 20 : 30 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
35	MP-2	Z	-.014	.5
36	MP-3	Z	-.017	.5
37	MP-4	Z	-.017	.5
38	MP-5	Z	-.013	.5
39	MP-5	Z	-.006	2
40	MP-5	Z	-.007	4
41	MP-6	Z	-.008	.5
42	MP-7	Z	-.008	.5
43	MP-8	Z	-.013	.5
44	MP-9	Z	-.017	.5
45	MP-9	Z	-.009	2
46	MP-9	Z	-.009	4
47	MP-10	Z	-.017	.5
48	MP-13	Z	-.019	2
49	MP-11	Z	-.014	.5
50	MP-12	Z	-.014	.5
51	MP-1	Z	-.014	5.5
52	MP-2	Z	-.014	5.5
53	MP-3	Z	-.017	5.5
54	MP-4	Z	-.017	5.5
55	MP-5	Z	-.013	5.5
56	MP-6	Z	-.008	5.5
57	MP-7	Z	-.008	5.5
58	MP-8	Z	-.013	5.5
59	MP-9	Z	-.017	5.5
60	MP-10	Z	-.017	5.5
61	MP-11	Z	-.014	5.5
62	MP-12	Z	-.014	5.5

Member Point Loads (BLC 21 : 45 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.018	.5
2	MP-1	X	-.012	2
3	MP-1	X	-.012	4
4	MP-2	X	-.018	.5
5	MP-3	X	-.022	.5
6	MP-4	X	-.022	.5
7	MP-5	X	-.019	.5
8	MP-5	X	-.009	2
9	MP-5	X	-.011	4
10	MP-6	X	-.012	.5
11	MP-7	X	-.012	.5
12	MP-8	X	-.019	.5
13	MP-9	X	-.025	.5
14	MP-9	X	-.014	2
15	MP-9	X	-.014	4
16	MP-10	X	-.025	.5
17	MP-13	X	-.029	2
18	MP-11	X	-.023	.5
19	MP-12	X	-.023	.5
20	MP-1	X	-.018	5.5

Member Point Loads (BLC 21 : 45 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
21	MP-2	X	-.018	5.5
22	MP-3	X	-.022	5.5
23	MP-4	X	-.022	5.5
24	MP-5	X	-.019	5.5
25	MP-6	X	-.012	5.5
26	MP-7	X	-.012	5.5
27	MP-8	X	-.019	5.5
28	MP-9	X	-.025	5.5
29	MP-10	X	-.025	5.5
30	MP-11	X	-.023	5.5
31	MP-12	X	-.023	5.5
32	MP-1	Z	-.018	.5
33	MP-1	Z	-.012	2
34	MP-1	Z	-.012	4
35	MP-2	Z	-.018	.5
36	MP-3	Z	-.022	.5
37	MP-4	Z	-.022	.5
38	MP-5	Z	-.019	.5
39	MP-5	Z	-.009	2
40	MP-5	Z	-.011	4
41	MP-6	Z	-.012	.5
42	MP-7	Z	-.012	.5
43	MP-8	Z	-.019	.5
44	MP-9	Z	-.025	.5
45	MP-9	Z	-.014	2
46	MP-9	Z	-.014	4
47	MP-10	Z	-.025	.5
48	MP-13	Z	-.029	2
49	MP-11	Z	-.023	.5
50	MP-12	Z	-.023	.5
51	MP-1	Z	-.018	5.5
52	MP-2	Z	-.018	5.5
53	MP-3	Z	-.022	5.5
54	MP-4	Z	-.022	5.5
55	MP-5	Z	-.019	5.5
56	MP-6	Z	-.012	5.5
57	MP-7	Z	-.012	5.5
58	MP-8	Z	-.019	5.5
59	MP-9	Z	-.025	5.5
60	MP-10	Z	-.025	5.5
61	MP-11	Z	-.023	5.5
62	MP-12	Z	-.023	5.5

Member Point Loads (BLC 22 : 60 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.01	.5
2	MP-1	X	-.007	2
3	MP-1	X	-.008	4
4	MP-2	X	-.01	.5
5	MP-3	X	-.015	.5
6	MP-4	X	-.015	.5

Member Point Loads (BLC 22 : 60 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
7	MP-5	X	-.015	.5
8	MP-5	X	-.007	2
9	MP-5	X	-.008	4
10	MP-6	X	-.01	.5
11	MP-7	X	-.01	.5
12	MP-8	X	-.015	.5
13	MP-9	X	-.018	.5
14	MP-9	X	-.01	2
15	MP-9	X	-.01	4
16	MP-10	X	-.018	.5
17	MP-13	X	-.021	2
18	MP-11	X	-.017	.5
19	MP-12	X	-.017	.5
20	MP-1	X	-.01	5.5
21	MP-2	X	-.01	5.5
22	MP-3	X	-.015	5.5
23	MP-4	X	-.015	5.5
24	MP-5	X	-.015	5.5
25	MP-6	X	-.01	5.5
26	MP-7	X	-.01	5.5
27	MP-8	X	-.015	5.5
28	MP-9	X	-.018	5.5
29	MP-10	X	-.018	5.5
30	MP-11	X	-.017	5.5
31	MP-12	X	-.017	5.5
32	MP-1	Z	-.018	.5
33	MP-1	Z	-.013	2
34	MP-1	Z	-.014	4
35	MP-2	Z	-.018	.5
36	MP-3	Z	-.025	.5
37	MP-4	Z	-.025	.5
38	MP-5	Z	-.025	.5
39	MP-5	Z	-.013	2
40	MP-5	Z	-.014	4
41	MP-6	Z	-.018	.5
42	MP-7	Z	-.018	.5
43	MP-8	Z	-.025	.5
44	MP-9	Z	-.031	.5
45	MP-9	Z	-.017	2
46	MP-9	Z	-.017	4
47	MP-10	Z	-.031	.5
48	MP-13	Z	-.037	2
49	MP-11	Z	-.029	.5
50	MP-12	Z	-.029	.5
51	MP-1	Z	-.018	5.5
52	MP-2	Z	-.018	5.5
53	MP-3	Z	-.025	5.5
54	MP-4	Z	-.025	5.5
55	MP-5	Z	-.025	5.5
56	MP-6	Z	-.018	5.5
57	MP-7	Z	-.018	5.5
58	MP-8	Z	-.025	5.5

Member Point Loads (BLC 22 : 60 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
59	MP-9	Z	-.031	5.5
60	MP-10	Z	-.031	5.5
61	MP-11	Z	-.029	5.5
62	MP-12	Z	-.029	5.5

Member Point Loads (BLC 23 : 90 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Z	-.016	.5
2	MP-1	Z	-.013	2
3	MP-1	Z	-.015	4
4	MP-2	Z	-.016	.5
5	MP-3	Z	-.027	.5
6	MP-4	Z	-.027	.5
7	MP-5	Z	-.027	.5
8	MP-5	Z	-.013	2
9	MP-5	Z	-.015	4
10	MP-6	Z	-.016	.5
11	MP-7	Z	-.016	.5
12	MP-8	Z	-.027	.5
13	MP-9	Z	-.027	.5
14	MP-9	Z	-.013	2
15	MP-9	Z	-.015	4
16	MP-10	Z	-.027	.5
17	MP-13	Z	-.022	2
18	MP-11	Z	-.016	.5
19	MP-12	Z	-.016	.5
20	MP-1	Z	-.016	5.5
21	MP-2	Z	-.016	5.5
22	MP-3	Z	-.027	5.5
23	MP-4	Z	-.027	5.5
24	MP-5	Z	-.027	5.5
25	MP-6	Z	-.016	5.5
26	MP-7	Z	-.016	5.5
27	MP-8	Z	-.027	5.5
28	MP-9	Z	-.027	5.5
29	MP-10	Z	-.027	5.5
30	MP-11	Z	-.016	5.5
31	MP-12	Z	-.016	5.5

Member Point Loads (BLC 24 : 120 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.01	.5
2	MP-1	X	.007	2
3	MP-1	X	.008	4
4	MP-2	X	.01	.5
5	MP-3	X	.015	.5
6	MP-4	X	.015	.5
7	MP-5	X	.018	.5
8	MP-5	X	.01	2
9	MP-5	X	.01	4
10	MP-6	X	.017	.5

Member Point Loads (BLC 24 : 120 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
11	MP-7	X	.017	.5
12	MP-8	X	.018	.5
13	MP-9	X	.015	.5
14	MP-9	X	.007	2
15	MP-9	X	.008	4
16	MP-10	X	.015	.5
17	MP-13	X	.013	2
18	MP-11	X	.01	.5
19	MP-12	X	.01	.5
20	MP-1	X	.01	5.5
21	MP-2	X	.01	5.5
22	MP-3	X	.015	5.5
23	MP-4	X	.015	5.5
24	MP-5	X	.018	5.5
25	MP-6	X	.017	5.5
26	MP-7	X	.017	5.5
27	MP-8	X	.018	5.5
28	MP-9	X	.015	5.5
29	MP-10	X	.015	5.5
30	MP-11	X	.01	5.5
31	MP-12	X	.01	5.5
32	MP-1	Z	-.018	.5
33	MP-1	Z	-.013	2
34	MP-1	Z	-.014	4
35	MP-2	Z	-.018	.5
36	MP-3	Z	-.025	.5
37	MP-4	Z	-.025	.5
38	MP-5	Z	-.031	.5
39	MP-5	Z	-.017	2
40	MP-5	Z	-.017	4
41	MP-6	Z	-.029	.5
42	MP-7	Z	-.029	.5
43	MP-8	Z	-.031	.5
44	MP-9	Z	-.025	.5
45	MP-9	Z	-.013	2
46	MP-9	Z	-.014	4
47	MP-10	Z	-.025	.5
48	MP-13	Z	-.023	2
49	MP-11	Z	-.018	.5
50	MP-12	Z	-.018	.5
51	MP-1	Z	-.018	5.5
52	MP-2	Z	-.018	5.5
53	MP-3	Z	-.025	5.5
54	MP-4	Z	-.025	5.5
55	MP-5	Z	-.031	5.5
56	MP-6	Z	-.029	5.5
57	MP-7	Z	-.029	5.5
58	MP-8	Z	-.031	5.5
59	MP-9	Z	-.025	5.5
60	MP-10	Z	-.025	5.5
61	MP-11	Z	-.018	5.5
62	MP-12	Z	-.018	5.5

Member Point Loads (BLC 25 : 135 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.018	.5
2	MP-1	X	.012	2
3	MP-1	X	.012	4
4	MP-2	X	.018	.5
5	MP-3	X	.022	.5
6	MP-4	X	.022	.5
7	MP-5	X	.025	.5
8	MP-5	X	.014	2
9	MP-5	X	.014	4
10	MP-6	X	.023	.5
11	MP-7	X	.023	.5
12	MP-8	X	.025	.5
13	MP-9	X	.019	.5
14	MP-9	X	.009	2
15	MP-9	X	.011	4
16	MP-10	X	.019	.5
17	MP-13	X	.016	2
18	MP-11	X	.012	.5
19	MP-12	X	.012	.5
20	MP-1	X	.018	5.5
21	MP-2	X	.018	5.5
22	MP-3	X	.022	5.5
23	MP-4	X	.022	5.5
24	MP-5	X	.025	5.5
25	MP-6	X	.023	5.5
26	MP-7	X	.023	5.5
27	MP-8	X	.025	5.5
28	MP-9	X	.019	5.5
29	MP-10	X	.019	5.5
30	MP-11	X	.012	5.5
31	MP-12	X	.012	5.5
32	MP-1	Z	-.018	.5
33	MP-1	Z	-.012	2
34	MP-1	Z	-.012	4
35	MP-2	Z	-.018	.5
36	MP-3	Z	-.022	.5
37	MP-4	Z	-.022	.5
38	MP-5	Z	-.025	.5
39	MP-5	Z	-.014	2
40	MP-5	Z	-.014	4
41	MP-6	Z	-.023	.5
42	MP-7	Z	-.023	.5
43	MP-8	Z	-.025	.5
44	MP-9	Z	-.019	.5
45	MP-9	Z	-.009	2
46	MP-9	Z	-.011	4
47	MP-10	Z	-.019	.5
48	MP-13	Z	-.016	2
49	MP-11	Z	-.012	.5
50	MP-12	Z	-.012	.5
51	MP-1	Z	-.018	5.5
52	MP-2	Z	-.018	5.5

Member Point Loads (BLC 25 : 135 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP-3	Z	-.022	5.5
54	MP-4	Z	-.022	5.5
55	MP-5	Z	-.025	5.5
56	MP-6	Z	-.023	5.5
57	MP-7	Z	-.023	5.5
58	MP-8	Z	-.025	5.5
59	MP-9	Z	-.019	5.5
60	MP-10	Z	-.019	5.5
61	MP-11	Z	-.012	5.5
62	MP-12	Z	-.012	5.5

Member Point Loads (BLC 26 : 150 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.025	.5
2	MP-1	X	.016	2
3	MP-1	X	.016	4
4	MP-2	X	.025	.5
5	MP-3	X	.029	.5
6	MP-4	X	.029	.5
7	MP-5	X	.029	.5
8	MP-5	X	.016	2
9	MP-5	X	.016	4
10	MP-6	X	.025	.5
11	MP-7	X	.025	.5
12	MP-8	X	.029	.5
13	MP-9	X	.023	.5
14	MP-9	X	.011	2
15	MP-9	X	.013	4
16	MP-10	X	.023	.5
17	MP-13	X	.019	2
18	MP-11	X	.014	.5
19	MP-12	X	.014	.5
20	MP-1	X	.025	5.5
21	MP-2	X	.025	5.5
22	MP-3	X	.029	5.5
23	MP-4	X	.029	5.5
24	MP-5	X	.029	5.5
25	MP-6	X	.025	5.5
26	MP-7	X	.025	5.5
27	MP-8	X	.029	5.5
28	MP-9	X	.023	5.5
29	MP-10	X	.023	5.5
30	MP-11	X	.014	5.5
31	MP-12	X	.014	5.5
32	MP-1	Z	-.014	.5
33	MP-1	Z	-.009	2
34	MP-1	Z	-.009	4
35	MP-2	Z	-.014	.5
36	MP-3	Z	-.017	.5
37	MP-4	Z	-.017	.5
38	MP-5	Z	-.017	.5

Member Point Loads (BLC 26 : 150 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
39	MP-5	Z	-.009	2
40	MP-5	Z	-.009	4
41	MP-6	Z	-.014	.5
42	MP-7	Z	-.014	.5
43	MP-8	Z	-.017	.5
44	MP-9	Z	-.013	.5
45	MP-9	Z	-.006	2
46	MP-9	Z	-.007	4
47	MP-10	Z	-.013	.5
48	MP-13	Z	-.011	2
49	MP-11	Z	-.008	.5
50	MP-12	Z	-.008	.5
51	MP-1	Z	-.014	5.5
52	MP-2	Z	-.014	5.5
53	MP-3	Z	-.017	5.5
54	MP-4	Z	-.017	5.5
55	MP-5	Z	-.017	5.5
56	MP-6	Z	-.014	5.5
57	MP-7	Z	-.014	5.5
58	MP-8	Z	-.017	5.5
59	MP-9	Z	-.013	5.5
60	MP-10	Z	-.013	5.5
61	MP-11	Z	-.008	5.5
62	MP-12	Z	-.008	5.5

Member Point Loads (BLC 27 : 180 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.033	.5
2	MP-1	X	.02	2
3	MP-1	X	.02	4
4	MP-2	X	.033	.5
5	MP-3	X	.036	.5
6	MP-4	X	.036	.5
7	MP-5	X	.036	.5
8	MP-5	X	.02	2
9	MP-5	X	.02	4
10	MP-6	X	.033	.5
11	MP-7	X	.033	.5
12	MP-8	X	.036	.5
13	MP-9	X	.036	.5
14	MP-9	X	.02	2
15	MP-9	X	.02	4
16	MP-10	X	.036	.5
17	MP-13	X	.042	2
18	MP-11	X	.033	.5
19	MP-12	X	.033	.5
20	MP-1	X	.033	5.5
21	MP-2	X	.033	5.5
22	MP-3	X	.036	5.5
23	MP-4	X	.036	5.5
24	MP-5	X	.036	5.5

Member Point Loads (BLC 27 : 180 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
25	MP-6	X	.033	5.5
26	MP-7	X	.033	5.5
27	MP-8	X	.036	5.5
28	MP-9	X	.036	5.5
29	MP-10	X	.036	5.5
30	MP-11	X	.033	5.5
31	MP-12	X	.033	5.5

Member Point Loads (BLC 28 : 210 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.025	.5
2	MP-1	X	.016	2
3	MP-1	X	.016	4
4	MP-2	X	.025	.5
5	MP-3	X	.029	.5
6	MP-4	X	.029	.5
7	MP-5	X	.023	.5
8	MP-5	X	.011	2
9	MP-5	X	.013	4
10	MP-6	X	.014	.5
11	MP-7	X	.014	.5
12	MP-8	X	.023	.5
13	MP-9	X	.029	.5
14	MP-9	X	.016	2
15	MP-9	X	.016	4
16	MP-10	X	.029	.5
17	MP-13	X	.032	2
18	MP-11	X	.025	.5
19	MP-12	X	.025	.5
20	MP-1	X	.025	5.5
21	MP-2	X	.025	5.5
22	MP-3	X	.029	5.5
23	MP-4	X	.029	5.5
24	MP-5	X	.023	5.5
25	MP-6	X	.014	5.5
26	MP-7	X	.014	5.5
27	MP-8	X	.023	5.5
28	MP-9	X	.029	5.5
29	MP-10	X	.029	5.5
30	MP-11	X	.025	5.5
31	MP-12	X	.025	5.5
32	MP-1	Z	.014	.5
33	MP-1	Z	.009	2
34	MP-1	Z	.009	4
35	MP-2	Z	.014	.5
36	MP-3	Z	.017	.5
37	MP-4	Z	.017	.5
38	MP-5	Z	.013	.5
39	MP-5	Z	.006	2
40	MP-5	Z	.007	4
41	MP-6	Z	.008	.5

Member Point Loads (BLC 28 : 210 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
42	MP-7	Z	.008	.5
43	MP-8	Z	.013	.5
44	MP-9	Z	.017	.5
45	MP-9	Z	.009	2
46	MP-9	Z	.009	4
47	MP-10	Z	.017	.5
48	MP-13	Z	.019	2
49	MP-11	Z	.014	.5
50	MP-12	Z	.014	.5
51	MP-1	Z	.014	5.5
52	MP-2	Z	.014	5.5
53	MP-3	Z	.017	5.5
54	MP-4	Z	.017	5.5
55	MP-5	Z	.013	5.5
56	MP-6	Z	.008	5.5
57	MP-7	Z	.008	5.5
58	MP-8	Z	.013	5.5
59	MP-9	Z	.017	5.5
60	MP-10	Z	.017	5.5
61	MP-11	Z	.014	5.5
62	MP-12	Z	.014	5.5

Member Point Loads (BLC 29 : 225 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.018	.5
2	MP-1	X	.012	2
3	MP-1	X	.012	4
4	MP-2	X	.018	.5
5	MP-3	X	.022	.5
6	MP-4	X	.022	.5
7	MP-5	X	.019	.5
8	MP-5	X	.009	2
9	MP-5	X	.011	4
10	MP-6	X	.012	.5
11	MP-7	X	.012	.5
12	MP-8	X	.019	.5
13	MP-9	X	.025	.5
14	MP-9	X	.014	2
15	MP-9	X	.014	4
16	MP-10	X	.025	.5
17	MP-13	X	.029	2
18	MP-11	X	.023	.5
19	MP-12	X	.023	.5
20	MP-1	X	.018	5.5
21	MP-2	X	.018	5.5
22	MP-3	X	.022	5.5
23	MP-4	X	.022	5.5
24	MP-5	X	.019	5.5
25	MP-6	X	.012	5.5
26	MP-7	X	.012	5.5
27	MP-8	X	.019	5.5

Member Point Loads (BLC 29 : 225 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
28	MP-9	X	.025	5.5
29	MP-10	X	.025	5.5
30	MP-11	X	.023	5.5
31	MP-12	X	.023	5.5
32	MP-1	Z	.018	.5
33	MP-1	Z	.012	2
34	MP-1	Z	.012	4
35	MP-2	Z	.018	.5
36	MP-3	Z	.022	.5
37	MP-4	Z	.022	.5
38	MP-5	Z	.019	.5
39	MP-5	Z	.009	2
40	MP-5	Z	.011	4
41	MP-6	Z	.012	.5
42	MP-7	Z	.012	.5
43	MP-8	Z	.019	.5
44	MP-9	Z	.025	.5
45	MP-9	Z	.014	2
46	MP-9	Z	.014	4
47	MP-10	Z	.025	.5
48	MP-13	Z	.029	2
49	MP-11	Z	.023	.5
50	MP-12	Z	.023	.5
51	MP-1	Z	.018	5.5
52	MP-2	Z	.018	5.5
53	MP-3	Z	.022	5.5
54	MP-4	Z	.022	5.5
55	MP-5	Z	.019	5.5
56	MP-6	Z	.012	5.5
57	MP-7	Z	.012	5.5
58	MP-8	Z	.019	5.5
59	MP-9	Z	.025	5.5
60	MP-10	Z	.025	5.5
61	MP-11	Z	.023	5.5
62	MP-12	Z	.023	5.5

Member Point Loads (BLC 30 : 240 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	.01	.5
2	MP-1	X	.007	2
3	MP-1	X	.008	4
4	MP-2	X	.01	.5
5	MP-3	X	.015	.5
6	MP-4	X	.015	.5
7	MP-5	X	.015	.5
8	MP-5	X	.007	2
9	MP-5	X	.008	4
10	MP-6	X	.01	.5
11	MP-7	X	.01	.5
12	MP-8	X	.015	.5
13	MP-9	X	.018	.5

Member Point Loads (BLC 30 : 240 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
14	MP-9	X	.01	2
15	MP-9	X	.01	4
16	MP-10	X	.018	.5
17	MP-13	X	.021	2
18	MP-11	X	.017	.5
19	MP-12	X	.017	.5
20	MP-1	X	.01	5.5
21	MP-2	X	.01	5.5
22	MP-3	X	.015	5.5
23	MP-4	X	.015	5.5
24	MP-5	X	.015	5.5
25	MP-6	X	.01	5.5
26	MP-7	X	.01	5.5
27	MP-8	X	.015	5.5
28	MP-9	X	.018	5.5
29	MP-10	X	.018	5.5
30	MP-11	X	.017	5.5
31	MP-12	X	.017	5.5
32	MP-1	Z	.018	.5
33	MP-1	Z	.013	2
34	MP-1	Z	.014	4
35	MP-2	Z	.018	.5
36	MP-3	Z	.025	.5
37	MP-4	Z	.025	.5
38	MP-5	Z	.025	.5
39	MP-5	Z	.013	2
40	MP-5	Z	.014	4
41	MP-6	Z	.018	.5
42	MP-7	Z	.018	.5
43	MP-8	Z	.025	.5
44	MP-9	Z	.031	.5
45	MP-9	Z	.017	2
46	MP-9	Z	.017	4
47	MP-10	Z	.031	.5
48	MP-13	Z	.037	2
49	MP-11	Z	.029	.5
50	MP-12	Z	.029	.5
51	MP-1	Z	.018	5.5
52	MP-2	Z	.018	5.5
53	MP-3	Z	.025	5.5
54	MP-4	Z	.025	5.5
55	MP-5	Z	.025	5.5
56	MP-6	Z	.018	5.5
57	MP-7	Z	.018	5.5
58	MP-8	Z	.025	5.5
59	MP-9	Z	.031	5.5
60	MP-10	Z	.031	5.5
61	MP-11	Z	.029	5.5
62	MP-12	Z	.029	5.5

Member Point Loads (BLC 31 : 270 Wind - Ice)

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

Member Point Loads (BLC 31 : 270 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Z	.016	.5
2	MP-1	Z	.013	2
3	MP-1	Z	.015	4
4	MP-2	Z	.016	.5
5	MP-3	Z	.027	.5
6	MP-4	Z	.027	.5
7	MP-5	Z	.027	.5
8	MP-5	Z	.013	2
9	MP-5	Z	.015	4
10	MP-6	Z	.016	.5
11	MP-7	Z	.016	.5
12	MP-8	Z	.027	.5
13	MP-9	Z	.027	.5
14	MP-9	Z	.013	2
15	MP-9	Z	.015	4
16	MP-10	Z	.027	.5
17	MP-13	Z	.022	2
18	MP-11	Z	.016	.5
19	MP-12	Z	.016	.5
20	MP-1	Z	.016	5.5
21	MP-2	Z	.016	5.5
22	MP-3	Z	.027	5.5
23	MP-4	Z	.027	5.5
24	MP-5	Z	.027	5.5
25	MP-6	Z	.016	5.5
26	MP-7	Z	.016	5.5
27	MP-8	Z	.027	5.5
28	MP-9	Z	.027	5.5
29	MP-10	Z	.027	5.5
30	MP-11	Z	.016	5.5
31	MP-12	Z	.016	5.5

Member Point Loads (BLC 32 : 300 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.01	.5
2	MP-1	X	-.007	2
3	MP-1	X	-.008	4
4	MP-2	X	-.01	.5
5	MP-3	X	-.015	.5
6	MP-4	X	-.015	.5
7	MP-5	X	-.018	.5
8	MP-5	X	-.01	2
9	MP-5	X	-.01	4
10	MP-6	X	-.017	.5
11	MP-7	X	-.017	.5
12	MP-8	X	-.018	.5
13	MP-9	X	-.015	.5
14	MP-9	X	-.007	2
15	MP-9	X	-.008	4
16	MP-10	X	-.015	.5
17	MP-13	X	-.013	2

Member Point Loads (BLC 32 : 300 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
18	MP-11	X	-.01	.5
19	MP-12	X	-.01	.5
20	MP-1	X	-.01	5.5
21	MP-2	X	-.01	5.5
22	MP-3	X	-.015	5.5
23	MP-4	X	-.015	5.5
24	MP-5	X	-.018	5.5
25	MP-6	X	-.017	5.5
26	MP-7	X	-.017	5.5
27	MP-8	X	-.018	5.5
28	MP-9	X	-.015	5.5
29	MP-10	X	-.015	5.5
30	MP-11	X	-.01	5.5
31	MP-12	X	-.01	5.5
32	MP-1	Z	.018	.5
33	MP-1	Z	.013	2
34	MP-1	Z	.014	4
35	MP-2	Z	.018	.5
36	MP-3	Z	.025	.5
37	MP-4	Z	.025	.5
38	MP-5	Z	.031	.5
39	MP-5	Z	.017	2
40	MP-5	Z	.017	4
41	MP-6	Z	.029	.5
42	MP-7	Z	.029	.5
43	MP-8	Z	.031	.5
44	MP-9	Z	.025	.5
45	MP-9	Z	.013	2
46	MP-9	Z	.014	4
47	MP-10	Z	.025	.5
48	MP-13	Z	.023	2
49	MP-11	Z	.018	.5
50	MP-12	Z	.018	.5
51	MP-1	Z	.018	5.5
52	MP-2	Z	.018	5.5
53	MP-3	Z	.025	5.5
54	MP-4	Z	.025	5.5
55	MP-5	Z	.031	5.5
56	MP-6	Z	.029	5.5
57	MP-7	Z	.029	5.5
58	MP-8	Z	.031	5.5
59	MP-9	Z	.025	5.5
60	MP-10	Z	.025	5.5
61	MP-11	Z	.018	5.5
62	MP-12	Z	.018	5.5

Member Point Loads (BLC 33 : 315 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.018	.5
2	MP-1	X	-.012	2
3	MP-1	X	-.012	4

Member Point Loads (BLC 33 : 315 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
4	MP-2	X	-.018	.5
5	MP-3	X	-.022	.5
6	MP-4	X	-.022	.5
7	MP-5	X	-.025	.5
8	MP-5	X	-.014	2
9	MP-5	X	-.014	4
10	MP-6	X	-.023	.5
11	MP-7	X	-.023	.5
12	MP-8	X	-.025	.5
13	MP-9	X	-.019	.5
14	MP-9	X	-.009	2
15	MP-9	X	-.011	4
16	MP-10	X	-.019	.5
17	MP-13	X	-.016	2
18	MP-11	X	-.012	.5
19	MP-12	X	-.012	.5
20	MP-1	X	-.018	5.5
21	MP-2	X	-.018	5.5
22	MP-3	X	-.022	5.5
23	MP-4	X	-.022	5.5
24	MP-5	X	-.025	5.5
25	MP-6	X	-.023	5.5
26	MP-7	X	-.023	5.5
27	MP-8	X	-.025	5.5
28	MP-9	X	-.019	5.5
29	MP-10	X	-.019	5.5
30	MP-11	X	-.012	5.5
31	MP-12	X	-.012	5.5
32	MP-1	Z	.018	.5
33	MP-1	Z	.012	2
34	MP-1	Z	.012	4
35	MP-2	Z	.018	.5
36	MP-3	Z	.022	.5
37	MP-4	Z	.022	.5
38	MP-5	Z	.025	.5
39	MP-5	Z	.014	2
40	MP-5	Z	.014	4
41	MP-6	Z	.023	.5
42	MP-7	Z	.023	.5
43	MP-8	Z	.025	.5
44	MP-9	Z	.019	.5
45	MP-9	Z	.009	2
46	MP-9	Z	.011	4
47	MP-10	Z	.019	.5
48	MP-13	Z	.016	2
49	MP-11	Z	.012	.5
50	MP-12	Z	.012	.5
51	MP-1	Z	.018	5.5
52	MP-2	Z	.018	5.5
53	MP-3	Z	.022	5.5
54	MP-4	Z	.022	5.5
55	MP-5	Z	.025	5.5

Member Point Loads (BLC 33 : 315 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
56	MP-6	Z	.023	5.5
57	MP-7	Z	.023	5.5
58	MP-8	Z	.025	5.5
59	MP-9	Z	.019	5.5
60	MP-10	Z	.019	5.5
61	MP-11	Z	.012	5.5
62	MP-12	Z	.012	5.5

Member Point Loads (BLC 34 : 330 Wind - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.025	.5
2	MP-1	X	-.016	2
3	MP-1	X	-.016	4
4	MP-2	X	-.025	.5
5	MP-3	X	-.029	.5
6	MP-4	X	-.029	.5
7	MP-5	X	-.029	.5
8	MP-5	X	-.016	2
9	MP-5	X	-.016	4
10	MP-6	X	-.025	.5
11	MP-7	X	-.025	.5
12	MP-8	X	-.029	.5
13	MP-9	X	-.023	.5
14	MP-9	X	-.011	2
15	MP-9	X	-.013	4
16	MP-10	X	-.023	.5
17	MP-13	X	-.019	2
18	MP-11	X	-.014	.5
19	MP-12	X	-.014	.5
20	MP-1	X	-.025	5.5
21	MP-2	X	-.025	5.5
22	MP-3	X	-.029	5.5
23	MP-4	X	-.029	5.5
24	MP-5	X	-.029	5.5
25	MP-6	X	-.025	5.5
26	MP-7	X	-.025	5.5
27	MP-8	X	-.029	5.5
28	MP-9	X	-.023	5.5
29	MP-10	X	-.023	5.5
30	MP-11	X	-.014	5.5
31	MP-12	X	-.014	5.5
32	MP-1	Z	.014	.5
33	MP-1	Z	.009	2
34	MP-1	Z	.009	4
35	MP-2	Z	.014	.5
36	MP-3	Z	.017	.5
37	MP-4	Z	.017	.5
38	MP-5	Z	.017	.5
39	MP-5	Z	.009	2
40	MP-5	Z	.009	4
41	MP-6	Z	.014	.5

Member Point Loads (BLC 34 : 330 Wind - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
42	MP-7	Z	.014	.5
43	MP-8	Z	.017	.5
44	MP-9	Z	.013	.5
45	MP-9	Z	.006	2
46	MP-9	Z	.007	4
47	MP-10	Z	.013	.5
48	MP-13	Z	.011	2
49	MP-11	Z	.008	.5
50	MP-12	Z	.008	.5
51	MP-1	Z	.014	5.5
52	MP-2	Z	.014	5.5
53	MP-3	Z	.017	5.5
54	MP-4	Z	.017	5.5
55	MP-5	Z	.017	5.5
56	MP-6	Z	.014	5.5
57	MP-7	Z	.014	5.5
58	MP-8	Z	.017	5.5
59	MP-9	Z	.013	5.5
60	MP-10	Z	.013	5.5
61	MP-11	Z	.008	5.5
62	MP-12	Z	.008	5.5

Member Point Loads (BLC 37 : Seismic Load X)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	X	-.039	.5
2	MP-1	X	-.07	2
3	MP-1	X	-.084	4
4	MP-2	X	-.039	.5
5	MP-3	X	-.019	.5
6	MP-4	X	-.019	.5
7	MP-5	X	-.02	.5
8	MP-5	X	-.07	2
9	MP-5	X	-.084	4
10	MP-6	X	-.039	.5
11	MP-7	X	-.039	.5
12	MP-8	X	-.02	.5
13	MP-9	X	-.02	.5
14	MP-9	X	-.07	2
15	MP-9	X	-.084	4
16	MP-10	X	-.02	.5
17	MP-13	X	-.044	2
18	MP-11	X	-.039	.5
19	MP-12	X	-.039	.5
20	MP-1	X	-.039	5.5
21	MP-2	X	-.039	5.5
22	MP-3	X	-.019	5.5
23	MP-4	X	-.019	5.5
24	MP-5	X	-.02	5.5
25	MP-6	X	-.039	5.5
26	MP-7	X	-.039	5.5
27	MP-8	X	-.02	5.5

Member Point Loads (BLC 37 : Seismic Load X) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
28	MP-9	X	-.02	5.5
29	MP-10	X	-.02	5.5
30	MP-11	X	-.039	5.5
31	MP-12	X	-.039	5.5

Member Point Loads (BLC 38 : Seismic Load Z)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP-1	Z	-.039	.5
2	MP-1	Z	-.07	2
3	MP-1	Z	-.084	4
4	MP-2	Z	-.039	.5
5	MP-3	Z	-.019	.5
6	MP-4	Z	-.019	.5
7	MP-5	Z	-.02	.5
8	MP-5	Z	-.07	2
9	MP-5	Z	-.084	4
10	MP-6	Z	-.039	.5
11	MP-7	Z	-.039	.5
12	MP-8	Z	-.02	.5
13	MP-9	Z	-.02	.5
14	MP-9	Z	-.07	2
15	MP-9	Z	-.084	4
16	MP-10	Z	-.02	.5
17	MP-13	Z	-.044	2
18	MP-11	Z	-.039	.5
19	MP-12	Z	-.039	.5
20	MP-1	Z	-.039	5.5
21	MP-2	Z	-.039	5.5
22	MP-3	Z	-.019	5.5
23	MP-4	Z	-.019	5.5
24	MP-5	Z	-.02	5.5
25	MP-6	Z	-.039	5.5
26	MP-7	Z	-.039	5.5
27	MP-8	Z	-.02	5.5
28	MP-9	Z	-.02	5.5
29	MP-10	Z	-.02	5.5
30	MP-11	Z	-.039	5.5
31	MP-12	Z	-.039	5.5

Member Distributed Loads (BLC 2 : 0 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	-.012	-.012	0	%100
2	CP-2	X	-.012	-.012	0	%100
3	CP-3	X	-.023	-.023	0	%100
4	FFTH	X	-.011	-.011	0	%100
5	GSI-1	X	-.009	-.009	0	%100
6	GSI-2	X	-.009	-.009	0	%100
7	GSI-3	X	-.021	-.021	0	%100
8	GSIP-1	X	-.012	-.012	0	%100
9	GSIP-2	X	-.005	-.005	0	%100

Member Distributed Loads (BLC 2 : 0 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
10	GSIP-3	X	-.005	-.005	0	%100
11	GSIP-4	X	-.012	-.012	0	%100
12	GSIP-5	X	-.005	-.005	0	%100
13	GSIP-6	X	-.005	-.005	0	%100
14	MP-1	X	-.009	-.009	0	%100
15	SA-1	X	-.018	-.018	0	%100
16	SA-2	X	-.018	-.018	0	%100
17	SA-3	X	0	0	0	%100
18	SF1-TH	X	-.005	-.005	0	%100
19	SF2-TH	X	-.005	-.005	0	%100
20	MP-2	X	-.009	-.009	0	%100
21	MP-4	X	-.009	-.009	0	%100
22	MP-3	X	-.009	-.009	0	%100
23	MP-9	X	-.009	-.009	0	%100
24	MP-10	X	-.009	-.009	0	%100
25	MP-12	X	-.009	-.009	0	%100
26	MP-11	X	-.009	-.009	0	%100
27	MP-5	X	-.009	-.009	0	%100
28	MP-6	X	-.009	-.009	0	%100
29	MP-8	X	-.009	-.009	0	%100
30	MP-7	X	-.009	-.009	0	%100
31	MP-13	X	-.008	-.008	0	%100

Member Distributed Loads (BLC 3 : 30 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	0	0	0	%100
2	CP-2	X	-.017	-.017	0	%100
3	CP-3	X	-.017	-.017	0	%100
4	FFTH	X	-.008	-.008	0	%100
5	GSI-1	X	-.014	-.014	0	%100
6	GSI-2	X	0	0	0	%100
7	GSI-3	X	-.016	-.016	0	%100
8	GSIP-1	X	-.009	-.009	0	%100
9	GSIP-2	X	-.007	-.007	0	%100
10	GSIP-3	X	0	0	0	%100
11	GSIP-4	X	-.009	-.009	0	%100
12	GSIP-5	X	-.007	-.007	0	%100
13	GSIP-6	X	0	0	0	%100
14	MP-1	X	-.008	-.008	0	%100
15	SA-1	X	-.009	-.009	0	%100
16	SA-2	X	-.018	-.018	0	%100
17	SA-3	X	-.007	-.007	0	%100
18	SF1-TH	X	-.008	-.008	0	%100
19	SF2-TH	X	0	0	0	%100
20	MP-2	X	-.008	-.008	0	%100
21	MP-4	X	-.008	-.008	0	%100
22	MP-3	X	-.008	-.008	0	%100
23	MP-9	X	-.008	-.008	0	%100
24	MP-10	X	-.008	-.008	0	%100
25	MP-12	X	-.008	-.008	0	%100
26	MP-11	X	-.008	-.008	0	%100

Member Distributed Loads (BLC 3 : 30 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
27	MP-5	X	-.008	-.008	0	%100
28	MP-6	X	-.008	-.008	0	%100
29	MP-8	X	-.008	-.008	0	%100
30	MP-7	X	-.008	-.008	0	%100
31	MP-13	X	-.007	-.007	0	%100
32	CP-1	Z	0	0	0	%100
33	CP-2	Z	-.01	-.01	0	%100
34	CP-3	Z	-.01	-.01	0	%100
35	FFTH	Z	-.005	-.005	0	%100
36	GSI-1	Z	-.009	-.009	0	%100
37	GSI-2	Z	0	0	0	%100
38	GSI-3	Z	-.009	-.009	0	%100
39	GSIP-1	Z	-.005	-.005	0	%100
40	GSIP-2	Z	-.005	-.005	0	%100
41	GSIP-3	Z	0	0	0	%100
42	GSIP-4	Z	-.005	-.005	0	%100
43	GSIP-5	Z	-.005	-.005	0	%100
44	GSIP-6	Z	0	0	0	%100
45	MP-1	Z	-.005	-.005	0	%100
46	SA-1	Z	-.005	-.005	0	%100
47	SA-2	Z	-.009	-.009	0	%100
48	SA-3	Z	-.005	-.005	0	%100
49	SF1-TH	Z	-.005	-.005	0	%100
50	SF2-TH	Z	0	0	0	%100
51	MP-2	Z	-.005	-.005	0	%100
52	MP-4	Z	-.005	-.005	0	%100
53	MP-3	Z	-.005	-.005	0	%100
54	MP-9	Z	-.005	-.005	0	%100
55	MP-10	Z	-.005	-.005	0	%100
56	MP-12	Z	-.005	-.005	0	%100
57	MP-11	Z	-.005	-.005	0	%100
58	MP-5	Z	-.005	-.005	0	%100
59	MP-6	Z	-.005	-.005	0	%100
60	MP-8	Z	-.005	-.005	0	%100
61	MP-7	Z	-.005	-.005	0	%100
62	MP-13	Z	-.004	-.004	0	%100

Member Distributed Loads (BLC 4 : 45 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	-.004	-.004	0	%100
2	CP-2	X	-.016	-.016	0	%100
3	CP-3	X	-.012	-.012	0	%100
4	FFTH	X	-.006	-.006	0	%100
5	GSI-1	X	-.012	-.012	0	%100
6	GSI-2	X	-.003	-.003	0	%100
7	GSI-3	X	-.011	-.011	0	%100
8	GSIP-1	X	-.006	-.006	0	%100
9	GSIP-2	X	-.007	-.007	0	%100
10	GSIP-3	X	-.002	-.002	0	%100
11	GSIP-4	X	-.006	-.006	0	%100
12	GSIP-5	X	-.007	-.007	0	%100

Member Distributed Loads (BLC 4 : 45 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
13	GSIP-6	X	-.002	-.002	0	%100
14	MP-1	X	-.006	-.006	0	%100
15	SA-1	X	-.004	-.004	0	%100
16	SA-2	X	-.014	-.014	0	%100
17	SA-3	X	-.008	-.008	0	%100
18	SF1-TH	X	-.007	-.007	0	%100
19	SF2-TH	X	-.002	-.002	0	%100
20	MP-2	X	-.006	-.006	0	%100
21	MP-4	X	-.006	-.006	0	%100
22	MP-3	X	-.006	-.006	0	%100
23	MP-9	X	-.006	-.006	0	%100
24	MP-10	X	-.006	-.006	0	%100
25	MP-12	X	-.006	-.006	0	%100
26	MP-11	X	-.006	-.006	0	%100
27	MP-5	X	-.006	-.006	0	%100
28	MP-6	X	-.006	-.006	0	%100
29	MP-8	X	-.006	-.006	0	%100
30	MP-7	X	-.006	-.006	0	%100
31	MP-13	X	-.006	-.006	0	%100
32	CP-1	Z	-.004	-.004	0	%100
33	CP-2	Z	-.016	-.016	0	%100
34	CP-3	Z	-.012	-.012	0	%100
35	FFTH	Z	-.006	-.006	0	%100
36	GSI-1	Z	-.014	-.014	0	%100
37	GSI-2	Z	-.004	-.004	0	%100
38	GSI-3	Z	-.011	-.011	0	%100
39	GSIP-1	Z	-.006	-.006	0	%100
40	GSIP-2	Z	-.008	-.008	0	%100
41	GSIP-3	Z	-.002	-.002	0	%100
42	GSIP-4	Z	-.006	-.006	0	%100
43	GSIP-5	Z	-.008	-.008	0	%100
44	GSIP-6	Z	-.002	-.002	0	%100
45	MP-1	Z	-.006	-.006	0	%100
46	SA-1	Z	-.003	-.003	0	%100
47	SA-2	Z	-.012	-.012	0	%100
48	SA-3	Z	-.011	-.011	0	%100
49	SF1-TH	Z	-.008	-.008	0	%100
50	SF2-TH	Z	-.002	-.002	0	%100
51	MP-2	Z	-.006	-.006	0	%100
52	MP-4	Z	-.006	-.006	0	%100
53	MP-3	Z	-.006	-.006	0	%100
54	MP-9	Z	-.006	-.006	0	%100
55	MP-10	Z	-.006	-.006	0	%100
56	MP-12	Z	-.006	-.006	0	%100
57	MP-11	Z	-.006	-.006	0	%100
58	MP-5	Z	-.006	-.006	0	%100
59	MP-6	Z	-.006	-.006	0	%100
60	MP-8	Z	-.006	-.006	0	%100
61	MP-7	Z	-.006	-.006	0	%100
62	MP-13	Z	-.006	-.006	0	%100

Member Distributed Loads (BLC 5 : 60 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	-.006	-.006	0	%100
2	CP-2	X	-.012	-.012	0	%100
3	CP-3	X	-.006	-.006	0	%100
4	FFTH	X	-.003	-.003	0	%100
5	GSI-1	X	-.009	-.009	0	%100
6	GSI-2	X	-.005	-.005	0	%100
7	GSI-3	X	-.005	-.005	0	%100
8	GSIP-1	X	-.003	-.003	0	%100
9	GSIP-2	X	-.005	-.005	0	%100
10	GSIP-3	X	-.002	-.002	0	%100
11	GSIP-4	X	-.003	-.003	0	%100
12	GSIP-5	X	-.005	-.005	0	%100
13	GSIP-6	X	-.002	-.002	0	%100
14	MP-1	X	-.005	-.005	0	%100
15	SA-1	X	0	0	0	%100
16	SA-2	X	-.009	-.009	0	%100
17	SA-3	X	-.007	-.007	0	%100
18	SF1-TH	X	-.005	-.005	0	%100
19	SF2-TH	X	-.003	-.003	0	%100
20	MP-2	X	-.005	-.005	0	%100
21	MP-4	X	-.005	-.005	0	%100
22	MP-3	X	-.005	-.005	0	%100
23	MP-9	X	-.005	-.005	0	%100
24	MP-10	X	-.005	-.005	0	%100
25	MP-12	X	-.005	-.005	0	%100
26	MP-11	X	-.005	-.005	0	%100
27	MP-5	X	-.005	-.005	0	%100
28	MP-6	X	-.005	-.005	0	%100
29	MP-8	X	-.005	-.005	0	%100
30	MP-7	X	-.005	-.005	0	%100
31	MP-13	X	-.004	-.004	0	%100
32	CP-1	Z	-.01	-.01	0	%100
33	CP-2	Z	-.02	-.02	0	%100
34	CP-3	Z	-.01	-.01	0	%100
35	FFTH	Z	-.005	-.005	0	%100
36	GSI-1	Z	-.018	-.018	0	%100
37	GSI-2	Z	-.009	-.009	0	%100
38	GSI-3	Z	-.009	-.009	0	%100
39	GSIP-1	Z	-.005	-.005	0	%100
40	GSIP-2	Z	-.01	-.01	0	%100
41	GSIP-3	Z	-.005	-.005	0	%100
42	GSIP-4	Z	-.005	-.005	0	%100
43	GSIP-5	Z	-.01	-.01	0	%100
44	GSIP-6	Z	-.005	-.005	0	%100
45	MP-1	Z	-.008	-.008	0	%100
46	SA-1	Z	0	0	0	%100
47	SA-2	Z	-.014	-.014	0	%100
48	SA-3	Z	-.016	-.016	0	%100
49	SF1-TH	Z	-.01	-.01	0	%100
50	SF2-TH	Z	-.005	-.005	0	%100
51	MP-2	Z	-.008	-.008	0	%100
52	MP-4	Z	-.008	-.008	0	%100

Member Distributed Loads (BLC 5 : 60 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
53	MP-3	Z	-.008	-.008	0	%100
54	MP-9	Z	-.008	-.008	0	%100
55	MP-10	Z	-.008	-.008	0	%100
56	MP-12	Z	-.008	-.008	0	%100
57	MP-11	Z	-.008	-.008	0	%100
58	MP-5	Z	-.008	-.008	0	%100
59	MP-6	Z	-.008	-.008	0	%100
60	MP-8	Z	-.008	-.008	0	%100
61	MP-7	Z	-.008	-.008	0	%100
62	MP-13	Z	-.007	-.007	0	%100

Member Distributed Loads (BLC 6 : 90 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	Z	-.02	-.02	0	%100
2	CP-2	Z	-.02	-.02	0	%100
3	CP-3	Z	0	0	0	%100
4	FFTH	Z	0	0	0	%100
5	GSI-1	Z	-.018	-.018	0	%100
6	GSI-2	Z	-.018	-.018	0	%100
7	GSI-3	Z	0	0	0	%100
8	GSIP-1	Z	0	0	0	%100
9	GSIP-2	Z	-.01	-.01	0	%100
10	GSIP-3	Z	-.01	-.01	0	%100
11	GSIP-4	Z	0	0	0	%100
12	GSIP-5	Z	-.01	-.01	0	%100
13	GSIP-6	Z	-.01	-.01	0	%100
14	MP-1	Z	-.009	-.009	0	%100
15	SA-1	Z	-.009	-.009	0	%100
16	SA-2	Z	-.009	-.009	0	%100
17	SA-3	Z	-.022	-.022	0	%100
18	SF1-TH	Z	-.01	-.01	0	%100
19	SF2-TH	Z	-.01	-.01	0	%100
20	MP-2	Z	-.009	-.009	0	%100
21	MP-4	Z	-.009	-.009	0	%100
22	MP-3	Z	-.009	-.009	0	%100
23	MP-9	Z	-.009	-.009	0	%100
24	MP-10	Z	-.009	-.009	0	%100
25	MP-12	Z	-.009	-.009	0	%100
26	MP-11	Z	-.009	-.009	0	%100
27	MP-5	Z	-.009	-.009	0	%100
28	MP-6	Z	-.009	-.009	0	%100
29	MP-8	Z	-.009	-.009	0	%100
30	MP-7	Z	-.009	-.009	0	%100
31	MP-13	Z	-.008	-.008	0	%100

Member Distributed Loads (BLC 7 : 120 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	.012	.012	0	%100
2	CP-2	X	.006	.006	0	%100
3	CP-3	X	.006	.006	0	%100
4	FFTH	X	.003	.003	0	%100

Member Distributed Loads (BLC 7 : 120 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
5	GSI-1	X	.005	.005	0	%100
6	GSI-2	X	.009	.009	0	%100
7	GSI-3	X	.005	.005	0	%100
8	GSIP-1	X	.003	.003	0	%100
9	GSIP-2	X	.002	.002	0	%100
10	GSIP-3	X	.005	.005	0	%100
11	GSIP-4	X	.003	.003	0	%100
12	GSIP-5	X	.002	.002	0	%100
13	GSIP-6	X	.005	.005	0	%100
14	MP-1	X	.005	.005	0	%100
15	SA-1	X	.009	.009	0	%100
16	SA-2	X	0	0	0	%100
17	SA-3	X	.007	.007	0	%100
18	SF1-TH	X	.003	.003	0	%100
19	SF2-TH	X	.005	.005	0	%100
20	MP-2	X	.005	.005	0	%100
21	MP-4	X	.005	.005	0	%100
22	MP-3	X	.005	.005	0	%100
23	MP-9	X	.005	.005	0	%100
24	MP-10	X	.005	.005	0	%100
25	MP-12	X	.005	.005	0	%100
26	MP-11	X	.005	.005	0	%100
27	MP-5	X	.005	.005	0	%100
28	MP-6	X	.005	.005	0	%100
29	MP-8	X	.005	.005	0	%100
30	MP-7	X	.005	.005	0	%100
31	MP-13	X	.004	.004	0	%100
32	CP-1	Z	-.02	-.02	0	%100
33	CP-2	Z	-.01	-.01	0	%100
34	CP-3	Z	-.01	-.01	0	%100
35	FFTH	Z	-.005	-.005	0	%100
36	GSI-1	Z	-.009	-.009	0	%100
37	GSI-2	Z	-.018	-.018	0	%100
38	GSI-3	Z	-.009	-.009	0	%100
39	GSIP-1	Z	-.005	-.005	0	%100
40	GSIP-2	Z	-.005	-.005	0	%100
41	GSIP-3	Z	-.01	-.01	0	%100
42	GSIP-4	Z	-.005	-.005	0	%100
43	GSIP-5	Z	-.005	-.005	0	%100
44	GSIP-6	Z	-.01	-.01	0	%100
45	MP-1	Z	-.008	-.008	0	%100
46	SA-1	Z	-.014	-.014	0	%100
47	SA-2	Z	0	0	0	%100
48	SA-3	Z	-.016	-.016	0	%100
49	SF1-TH	Z	-.005	-.005	0	%100
50	SF2-TH	Z	-.01	-.01	0	%100
51	MP-2	Z	-.008	-.008	0	%100
52	MP-4	Z	-.008	-.008	0	%100
53	MP-3	Z	-.008	-.008	0	%100
54	MP-9	Z	-.008	-.008	0	%100
55	MP-10	Z	-.008	-.008	0	%100
56	MP-12	Z	-.008	-.008	0	%100

Member Distributed Loads (BLC 7 : 120 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
57	MP-11	Z	-.008	-.008	0	%100
58	MP-5	Z	-.008	-.008	0	%100
59	MP-6	Z	-.008	-.008	0	%100
60	MP-8	Z	-.008	-.008	0	%100
61	MP-7	Z	-.008	-.008	0	%100
62	MP-13	Z	-.007	-.007	0	%100

Member Distributed Loads (BLC 8 : 135 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	.016	.016	0	%100
2	CP-2	X	.004	.004	0	%100
3	CP-3	X	.012	.012	0	%100
4	FFTH	X	.006	.006	0	%100
5	GSI-1	X	.003	.003	0	%100
6	GSI-2	X	.012	.012	0	%100
7	GSI-3	X	.011	.011	0	%100
8	GSIP-1	X	.006	.006	0	%100
9	GSIP-2	X	.002	.002	0	%100
10	GSIP-3	X	.007	.007	0	%100
11	GSIP-4	X	.006	.006	0	%100
12	GSIP-5	X	.002	.002	0	%100
13	GSIP-6	X	.007	.007	0	%100
14	MP-1	X	.006	.006	0	%100
15	SA-1	X	.014	.014	0	%100
16	SA-2	X	.004	.004	0	%100
17	SA-3	X	.008	.008	0	%100
18	SF1-TH	X	.002	.002	0	%100
19	SF2-TH	X	.007	.007	0	%100
20	MP-2	X	.006	.006	0	%100
21	MP-4	X	.006	.006	0	%100
22	MP-3	X	.006	.006	0	%100
23	MP-9	X	.006	.006	0	%100
24	MP-10	X	.006	.006	0	%100
25	MP-12	X	.006	.006	0	%100
26	MP-11	X	.006	.006	0	%100
27	MP-5	X	.006	.006	0	%100
28	MP-6	X	.006	.006	0	%100
29	MP-8	X	.006	.006	0	%100
30	MP-7	X	.006	.006	0	%100
31	MP-13	X	.006	.006	0	%100
32	CP-1	Z	-.016	-.016	0	%100
33	CP-2	Z	-.004	-.004	0	%100
34	CP-3	Z	-.012	-.012	0	%100
35	FFTH	Z	-.006	-.006	0	%100
36	GSI-1	Z	-.004	-.004	0	%100
37	GSI-2	Z	-.014	-.014	0	%100
38	GSI-3	Z	-.011	-.011	0	%100
39	GSIP-1	Z	-.006	-.006	0	%100
40	GSIP-2	Z	-.002	-.002	0	%100
41	GSIP-3	Z	-.008	-.008	0	%100
42	GSIP-4	Z	-.006	-.006	0	%100

Member Distributed Loads (BLC 8 : 135 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
43	GSIP-5	Z	-.002	-.002	0	%100
44	GSIP-6	Z	-.008	-.008	0	%100
45	MP-1	Z	-.006	-.006	0	%100
46	SA-1	Z	-.012	-.012	0	%100
47	SA-2	Z	-.003	-.003	0	%100
48	SA-3	Z	-.011	-.011	0	%100
49	SF1-TH	Z	-.002	-.002	0	%100
50	SF2-TH	Z	-.008	-.008	0	%100
51	MP-2	Z	-.006	-.006	0	%100
52	MP-4	Z	-.006	-.006	0	%100
53	MP-3	Z	-.006	-.006	0	%100
54	MP-9	Z	-.006	-.006	0	%100
55	MP-10	Z	-.006	-.006	0	%100
56	MP-12	Z	-.006	-.006	0	%100
57	MP-11	Z	-.006	-.006	0	%100
58	MP-5	Z	-.006	-.006	0	%100
59	MP-6	Z	-.006	-.006	0	%100
60	MP-8	Z	-.006	-.006	0	%100
61	MP-7	Z	-.006	-.006	0	%100
62	MP-13	Z	-.006	-.006	0	%100

Member Distributed Loads (BLC 9 : 150 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	.017	.017	0	%100
2	CP-2	X	0	0	0	%100
3	CP-3	X	.017	.017	0	%100
4	FFTH	X	.008	.008	0	%100
5	GSI-1	X	0	0	0	%100
6	GSI-2	X	.014	.014	0	%100
7	GSI-3	X	.016	.016	0	%100
8	GSIP-1	X	.009	.009	0	%100
9	GSIP-2	X	0	0	0	%100
10	GSIP-3	X	.007	.007	0	%100
11	GSIP-4	X	.009	.009	0	%100
12	GSIP-5	X	0	0	0	%100
13	GSIP-6	X	.007	.007	0	%100
14	MP-1	X	.008	.008	0	%100
15	SA-1	X	.018	.018	0	%100
16	SA-2	X	.009	.009	0	%100
17	SA-3	X	.007	.007	0	%100
18	SF1-TH	X	0	0	0	%100
19	SF2-TH	X	.008	.008	0	%100
20	MP-2	X	.008	.008	0	%100
21	MP-4	X	.008	.008	0	%100
22	MP-3	X	.008	.008	0	%100
23	MP-9	X	.008	.008	0	%100
24	MP-10	X	.008	.008	0	%100
25	MP-12	X	.008	.008	0	%100
26	MP-11	X	.008	.008	0	%100
27	MP-5	X	.008	.008	0	%100
28	MP-6	X	.008	.008	0	%100

Member Distributed Loads (BLC 9 : 150 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
29	MP-8	X	.008	.008	0	%100
30	MP-7	X	.008	.008	0	%100
31	MP-13	X	.007	.007	0	%100
32	CP-1	Z	-.01	-.01	0	%100
33	CP-2	Z	0	0	0	%100
34	CP-3	Z	-.01	-.01	0	%100
35	FFTH	Z	-.005	-.005	0	%100
36	GSI-1	Z	0	0	0	%100
37	GSI-2	Z	-.009	-.009	0	%100
38	GSI-3	Z	-.009	-.009	0	%100
39	GSIP-1	Z	-.005	-.005	0	%100
40	GSIP-2	Z	0	0	0	%100
41	GSIP-3	Z	-.005	-.005	0	%100
42	GSIP-4	Z	-.005	-.005	0	%100
43	GSIP-5	Z	0	0	0	%100
44	GSIP-6	Z	-.005	-.005	0	%100
45	MP-1	Z	-.005	-.005	0	%100
46	SA-1	Z	-.009	-.009	0	%100
47	SA-2	Z	-.005	-.005	0	%100
48	SA-3	Z	-.005	-.005	0	%100
49	SF1-TH	Z	0	0	0	%100
50	SF2-TH	Z	-.005	-.005	0	%100
51	MP-2	Z	-.005	-.005	0	%100
52	MP-4	Z	-.005	-.005	0	%100
53	MP-3	Z	-.005	-.005	0	%100
54	MP-9	Z	-.005	-.005	0	%100
55	MP-10	Z	-.005	-.005	0	%100
56	MP-12	Z	-.005	-.005	0	%100
57	MP-11	Z	-.005	-.005	0	%100
58	MP-5	Z	-.005	-.005	0	%100
59	MP-6	Z	-.005	-.005	0	%100
60	MP-8	Z	-.005	-.005	0	%100
61	MP-7	Z	-.005	-.005	0	%100
62	MP-13	Z	-.004	-.004	0	%100

Member Distributed Loads (BLC 10 : 180 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	.012	.012	0	%100
2	CP-2	X	.012	.012	0	%100
3	CP-3	X	.023	.023	0	%100
4	FFTH	X	.011	.011	0	%100
5	GSI-1	X	.009	.009	0	%100
6	GSI-2	X	.009	.009	0	%100
7	GSI-3	X	.021	.021	0	%100
8	GSIP-1	X	.012	.012	0	%100
9	GSIP-2	X	.005	.005	0	%100
10	GSIP-3	X	.005	.005	0	%100
11	GSIP-4	X	.012	.012	0	%100
12	GSIP-5	X	.005	.005	0	%100
13	GSIP-6	X	.005	.005	0	%100
14	MP-1	X	.009	.009	0	%100

Member Distributed Loads (BLC 10 : 180 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
15	SA-1	X	.018	.018	0	%100
16	SA-2	X	.018	.018	0	%100
17	SA-3	X	0	0	0	%100
18	SF1-TH	X	.005	.005	0	%100
19	SF2-TH	X	.005	.005	0	%100
20	MP-2	X	.009	.009	0	%100
21	MP-4	X	.009	.009	0	%100
22	MP-3	X	.009	.009	0	%100
23	MP-9	X	.009	.009	0	%100
24	MP-10	X	.009	.009	0	%100
25	MP-12	X	.009	.009	0	%100
26	MP-11	X	.009	.009	0	%100
27	MP-5	X	.009	.009	0	%100
28	MP-6	X	.009	.009	0	%100
29	MP-8	X	.009	.009	0	%100
30	MP-7	X	.009	.009	0	%100
31	MP-13	X	.008	.008	0	%100

Member Distributed Loads (BLC 11 : 210 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	0	0	0	%100
2	CP-2	X	.017	.017	0	%100
3	CP-3	X	.017	.017	0	%100
4	FFTH	X	.008	.008	0	%100
5	GSI-1	X	.014	.014	0	%100
6	GSI-2	X	0	0	0	%100
7	GSI-3	X	.016	.016	0	%100
8	GSIP-1	X	.009	.009	0	%100
9	GSIP-2	X	.007	.007	0	%100
10	GSIP-3	X	0	0	0	%100
11	GSIP-4	X	.009	.009	0	%100
12	GSIP-5	X	.007	.007	0	%100
13	GSIP-6	X	0	0	0	%100
14	MP-1	X	.008	.008	0	%100
15	SA-1	X	.009	.009	0	%100
16	SA-2	X	.018	.018	0	%100
17	SA-3	X	.007	.007	0	%100
18	SF1-TH	X	.008	.008	0	%100
19	SF2-TH	X	0	0	0	%100
20	MP-2	X	.008	.008	0	%100
21	MP-4	X	.008	.008	0	%100
22	MP-3	X	.008	.008	0	%100
23	MP-9	X	.008	.008	0	%100
24	MP-10	X	.008	.008	0	%100
25	MP-12	X	.008	.008	0	%100
26	MP-11	X	.008	.008	0	%100
27	MP-5	X	.008	.008	0	%100
28	MP-6	X	.008	.008	0	%100
29	MP-8	X	.008	.008	0	%100
30	MP-7	X	.008	.008	0	%100
31	MP-13	X	.007	.007	0	%100

Member Distributed Loads (BLC 11 : 210 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
32	CP-1	Z	0	0	0	%100
33	CP-2	Z	.01	.01	0	%100
34	CP-3	Z	.01	.01	0	%100
35	FFTH	Z	.005	.005	0	%100
36	GSI-1	Z	.009	.009	0	%100
37	GSI-2	Z	0	0	0	%100
38	GSI-3	Z	.009	.009	0	%100
39	GSIP-1	Z	.005	.005	0	%100
40	GSIP-2	Z	.005	.005	0	%100
41	GSIP-3	Z	0	0	0	%100
42	GSIP-4	Z	.005	.005	0	%100
43	GSIP-5	Z	.005	.005	0	%100
44	GSIP-6	Z	0	0	0	%100
45	MP-1	Z	.005	.005	0	%100
46	SA-1	Z	.005	.005	0	%100
47	SA-2	Z	.009	.009	0	%100
48	SA-3	Z	.005	.005	0	%100
49	SF1-TH	Z	.005	.005	0	%100
50	SF2-TH	Z	0	0	0	%100
51	MP-2	Z	.005	.005	0	%100
52	MP-4	Z	.005	.005	0	%100
53	MP-3	Z	.005	.005	0	%100
54	MP-9	Z	.005	.005	0	%100
55	MP-10	Z	.005	.005	0	%100
56	MP-12	Z	.005	.005	0	%100
57	MP-11	Z	.005	.005	0	%100
58	MP-5	Z	.005	.005	0	%100
59	MP-6	Z	.005	.005	0	%100
60	MP-8	Z	.005	.005	0	%100
61	MP-7	Z	.005	.005	0	%100
62	MP-13	Z	.004	.004	0	%100

Member Distributed Loads (BLC 12 : 225 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	.004	.004	0	%100
2	CP-2	X	.016	.016	0	%100
3	CP-3	X	.012	.012	0	%100
4	FFTH	X	.006	.006	0	%100
5	GSI-1	X	.012	.012	0	%100
6	GSI-2	X	.003	.003	0	%100
7	GSI-3	X	.011	.011	0	%100
8	GSIP-1	X	.006	.006	0	%100
9	GSIP-2	X	.007	.007	0	%100
10	GSIP-3	X	.002	.002	0	%100
11	GSIP-4	X	.006	.006	0	%100
12	GSIP-5	X	.007	.007	0	%100
13	GSIP-6	X	.002	.002	0	%100
14	MP-1	X	.006	.006	0	%100
15	SA-1	X	.004	.004	0	%100
16	SA-2	X	.014	.014	0	%100
17	SA-3	X	.008	.008	0	%100

Member Distributed Loads (BLC 12 : 225 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
18	SF1-TH	X	.007	.007	0	%100
19	SF2-TH	X	.002	.002	0	%100
20	MP-2	X	.006	.006	0	%100
21	MP-4	X	.006	.006	0	%100
22	MP-3	X	.006	.006	0	%100
23	MP-9	X	.006	.006	0	%100
24	MP-10	X	.006	.006	0	%100
25	MP-12	X	.006	.006	0	%100
26	MP-11	X	.006	.006	0	%100
27	MP-5	X	.006	.006	0	%100
28	MP-6	X	.006	.006	0	%100
29	MP-8	X	.006	.006	0	%100
30	MP-7	X	.006	.006	0	%100
31	MP-13	X	.006	.006	0	%100
32	CP-1	Z	.004	.004	0	%100
33	CP-2	Z	.016	.016	0	%100
34	CP-3	Z	.012	.012	0	%100
35	FFTH	Z	.006	.006	0	%100
36	GSI-1	Z	.014	.014	0	%100
37	GSI-2	Z	.004	.004	0	%100
38	GSI-3	Z	.011	.011	0	%100
39	GSIP-1	Z	.006	.006	0	%100
40	GSIP-2	Z	.008	.008	0	%100
41	GSIP-3	Z	.002	.002	0	%100
42	GSIP-4	Z	.006	.006	0	%100
43	GSIP-5	Z	.008	.008	0	%100
44	GSIP-6	Z	.002	.002	0	%100
45	MP-1	Z	.006	.006	0	%100
46	SA-1	Z	.003	.003	0	%100
47	SA-2	Z	.012	.012	0	%100
48	SA-3	Z	.011	.011	0	%100
49	SF1-TH	Z	.008	.008	0	%100
50	SF2-TH	Z	.002	.002	0	%100
51	MP-2	Z	.006	.006	0	%100
52	MP-4	Z	.006	.006	0	%100
53	MP-3	Z	.006	.006	0	%100
54	MP-9	Z	.006	.006	0	%100
55	MP-10	Z	.006	.006	0	%100
56	MP-12	Z	.006	.006	0	%100
57	MP-11	Z	.006	.006	0	%100
58	MP-5	Z	.006	.006	0	%100
59	MP-6	Z	.006	.006	0	%100
60	MP-8	Z	.006	.006	0	%100
61	MP-7	Z	.006	.006	0	%100
62	MP-13	Z	.006	.006	0	%100

Member Distributed Loads (BLC 13 : 240 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	.006	.006	0	%100
2	CP-2	X	.012	.012	0	%100
3	CP-3	X	.006	.006	0	%100

Member Distributed Loads (BLC 13 : 240 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
4	FFTH	X	.003	.003	0	%100
5	GSI-1	X	.009	.009	0	%100
6	GSI-2	X	.005	.005	0	%100
7	GSI-3	X	.005	.005	0	%100
8	GSIP-1	X	.003	.003	0	%100
9	GSIP-2	X	.005	.005	0	%100
10	GSIP-3	X	.002	.002	0	%100
11	GSIP-4	X	.003	.003	0	%100
12	GSIP-5	X	.005	.005	0	%100
13	GSIP-6	X	.002	.002	0	%100
14	MP-1	X	.005	.005	0	%100
15	SA-1	X	0	0	0	%100
16	SA-2	X	.009	.009	0	%100
17	SA-3	X	.007	.007	0	%100
18	SF1-TH	X	.005	.005	0	%100
19	SF2-TH	X	.003	.003	0	%100
20	MP-2	X	.005	.005	0	%100
21	MP-4	X	.005	.005	0	%100
22	MP-3	X	.005	.005	0	%100
23	MP-9	X	.005	.005	0	%100
24	MP-10	X	.005	.005	0	%100
25	MP-12	X	.005	.005	0	%100
26	MP-11	X	.005	.005	0	%100
27	MP-5	X	.005	.005	0	%100
28	MP-6	X	.005	.005	0	%100
29	MP-8	X	.005	.005	0	%100
30	MP-7	X	.005	.005	0	%100
31	MP-13	X	.004	.004	0	%100
32	CP-1	Z	.01	.01	0	%100
33	CP-2	Z	.02	.02	0	%100
34	CP-3	Z	.01	.01	0	%100
35	FFTH	Z	.005	.005	0	%100
36	GSI-1	Z	.018	.018	0	%100
37	GSI-2	Z	.009	.009	0	%100
38	GSI-3	Z	.009	.009	0	%100
39	GSIP-1	Z	.005	.005	0	%100
40	GSIP-2	Z	.01	.01	0	%100
41	GSIP-3	Z	.005	.005	0	%100
42	GSIP-4	Z	.005	.005	0	%100
43	GSIP-5	Z	.01	.01	0	%100
44	GSIP-6	Z	.005	.005	0	%100
45	MP-1	Z	.008	.008	0	%100
46	SA-1	Z	0	0	0	%100
47	SA-2	Z	.014	.014	0	%100
48	SA-3	Z	.016	.016	0	%100
49	SF1-TH	Z	.01	.01	0	%100
50	SF2-TH	Z	.005	.005	0	%100
51	MP-2	Z	.008	.008	0	%100
52	MP-4	Z	.008	.008	0	%100
53	MP-3	Z	.008	.008	0	%100
54	MP-9	Z	.008	.008	0	%100
55	MP-10	Z	.008	.008	0	%100

Member Distributed Loads (BLC 13 : 240 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
56	MP-12	Z	.008	.008	0	%100
57	MP-11	Z	.008	.008	0	%100
58	MP-5	Z	.008	.008	0	%100
59	MP-6	Z	.008	.008	0	%100
60	MP-8	Z	.008	.008	0	%100
61	MP-7	Z	.008	.008	0	%100
62	MP-13	Z	.007	.007	0	%100

Member Distributed Loads (BLC 14 : 270 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	Z	.02	.02	0	%100
2	CP-2	Z	.02	.02	0	%100
3	CP-3	Z	0	0	0	%100
4	FFTH	Z	0	0	0	%100
5	GSI-1	Z	.018	.018	0	%100
6	GSI-2	Z	.018	.018	0	%100
7	GSI-3	Z	0	0	0	%100
8	GSIP-1	Z	0	0	0	%100
9	GSIP-2	Z	.01	.01	0	%100
10	GSIP-3	Z	.01	.01	0	%100
11	GSIP-4	Z	0	0	0	%100
12	GSIP-5	Z	.01	.01	0	%100
13	GSIP-6	Z	.01	.01	0	%100
14	MP-1	Z	.009	.009	0	%100
15	SA-1	Z	.009	.009	0	%100
16	SA-2	Z	.009	.009	0	%100
17	SA-3	Z	.022	.022	0	%100
18	SF1-TH	Z	.01	.01	0	%100
19	SF2-TH	Z	.01	.01	0	%100
20	MP-2	Z	.009	.009	0	%100
21	MP-4	Z	.009	.009	0	%100
22	MP-3	Z	.009	.009	0	%100
23	MP-9	Z	.009	.009	0	%100
24	MP-10	Z	.009	.009	0	%100
25	MP-12	Z	.009	.009	0	%100
26	MP-11	Z	.009	.009	0	%100
27	MP-5	Z	.009	.009	0	%100
28	MP-6	Z	.009	.009	0	%100
29	MP-8	Z	.009	.009	0	%100
30	MP-7	Z	.009	.009	0	%100
31	MP-13	Z	.008	.008	0	%100

Member Distributed Loads (BLC 15 : 300 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	-.012	-.012	0	%100
2	CP-2	X	-.006	-.006	0	%100
3	CP-3	X	-.006	-.006	0	%100
4	FFTH	X	-.003	-.003	0	%100
5	GSI-1	X	-.005	-.005	0	%100
6	GSI-2	X	-.009	-.009	0	%100
7	GSI-3	X	-.005	-.005	0	%100

Member Distributed Loads (BLC 15 : 300 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
8	GSIP-1	X	-.003	-.003	0	%100
9	GSIP-2	X	-.002	-.002	0	%100
10	GSIP-3	X	-.005	-.005	0	%100
11	GSIP-4	X	-.003	-.003	0	%100
12	GSIP-5	X	-.002	-.002	0	%100
13	GSIP-6	X	-.005	-.005	0	%100
14	MP-1	X	-.005	-.005	0	%100
15	SA-1	X	-.009	-.009	0	%100
16	SA-2	X	0	0	0	%100
17	SA-3	X	-.007	-.007	0	%100
18	SF1-TH	X	-.003	-.003	0	%100
19	SF2-TH	X	-.005	-.005	0	%100
20	MP-2	X	-.005	-.005	0	%100
21	MP-4	X	-.005	-.005	0	%100
22	MP-3	X	-.005	-.005	0	%100
23	MP-9	X	-.005	-.005	0	%100
24	MP-10	X	-.005	-.005	0	%100
25	MP-12	X	-.005	-.005	0	%100
26	MP-11	X	-.005	-.005	0	%100
27	MP-5	X	-.005	-.005	0	%100
28	MP-6	X	-.005	-.005	0	%100
29	MP-8	X	-.005	-.005	0	%100
30	MP-7	X	-.005	-.005	0	%100
31	MP-13	X	-.004	-.004	0	%100
32	CP-1	Z	.02	.02	0	%100
33	CP-2	Z	.01	.01	0	%100
34	CP-3	Z	.01	.01	0	%100
35	FFTH	Z	.005	.005	0	%100
36	GSI-1	Z	.009	.009	0	%100
37	GSI-2	Z	.018	.018	0	%100
38	GSI-3	Z	.009	.009	0	%100
39	GSIP-1	Z	.005	.005	0	%100
40	GSIP-2	Z	.005	.005	0	%100
41	GSIP-3	Z	.01	.01	0	%100
42	GSIP-4	Z	.005	.005	0	%100
43	GSIP-5	Z	.005	.005	0	%100
44	GSIP-6	Z	.01	.01	0	%100
45	MP-1	Z	.008	.008	0	%100
46	SA-1	Z	.014	.014	0	%100
47	SA-2	Z	0	0	0	%100
48	SA-3	Z	.016	.016	0	%100
49	SF1-TH	Z	.005	.005	0	%100
50	SF2-TH	Z	.01	.01	0	%100
51	MP-2	Z	.008	.008	0	%100
52	MP-4	Z	.008	.008	0	%100
53	MP-3	Z	.008	.008	0	%100
54	MP-9	Z	.008	.008	0	%100
55	MP-10	Z	.008	.008	0	%100
56	MP-12	Z	.008	.008	0	%100
57	MP-11	Z	.008	.008	0	%100
58	MP-5	Z	.008	.008	0	%100
59	MP-6	Z	.008	.008	0	%100

Member Distributed Loads (BLC 15 : 300 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
60	MP-8	Z	.008	.008	0	%100
61	MP-7	Z	.008	.008	0	%100
62	MP-13	Z	.007	.007	0	%100

Member Distributed Loads (BLC 16 : 315 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	-.016	-.016	0	%100
2	CP-2	X	-.004	-.004	0	%100
3	CP-3	X	-.012	-.012	0	%100
4	FFTH	X	-.006	-.006	0	%100
5	GSI-1	X	-.003	-.003	0	%100
6	GSI-2	X	-.012	-.012	0	%100
7	GSI-3	X	-.011	-.011	0	%100
8	GSIP-1	X	-.006	-.006	0	%100
9	GSIP-2	X	-.002	-.002	0	%100
10	GSIP-3	X	-.007	-.007	0	%100
11	GSIP-4	X	-.006	-.006	0	%100
12	GSIP-5	X	-.002	-.002	0	%100
13	GSIP-6	X	-.007	-.007	0	%100
14	MP-1	X	-.006	-.006	0	%100
15	SA-1	X	-.014	-.014	0	%100
16	SA-2	X	-.004	-.004	0	%100
17	SA-3	X	-.008	-.008	0	%100
18	SF1-TH	X	-.002	-.002	0	%100
19	SF2-TH	X	-.007	-.007	0	%100
20	MP-2	X	-.006	-.006	0	%100
21	MP-4	X	-.006	-.006	0	%100
22	MP-3	X	-.006	-.006	0	%100
23	MP-9	X	-.006	-.006	0	%100
24	MP-10	X	-.006	-.006	0	%100
25	MP-12	X	-.006	-.006	0	%100
26	MP-11	X	-.006	-.006	0	%100
27	MP-5	X	-.006	-.006	0	%100
28	MP-6	X	-.006	-.006	0	%100
29	MP-8	X	-.006	-.006	0	%100
30	MP-7	X	-.006	-.006	0	%100
31	MP-13	X	-.006	-.006	0	%100
32	CP-1	Z	.016	.016	0	%100
33	CP-2	Z	.004	.004	0	%100
34	CP-3	Z	.012	.012	0	%100
35	FFTH	Z	.006	.006	0	%100
36	GSI-1	Z	.004	.004	0	%100
37	GSI-2	Z	.014	.014	0	%100
38	GSI-3	Z	.011	.011	0	%100
39	GSIP-1	Z	.006	.006	0	%100
40	GSIP-2	Z	.002	.002	0	%100
41	GSIP-3	Z	.008	.008	0	%100
42	GSIP-4	Z	.006	.006	0	%100
43	GSIP-5	Z	.002	.002	0	%100
44	GSIP-6	Z	.008	.008	0	%100
45	MP-1	Z	.006	.006	0	%100

Member Distributed Loads (BLC 16 : 315 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
46	SA-1	Z	.012	.012	0	%100
47	SA-2	Z	.003	.003	0	%100
48	SA-3	Z	.011	.011	0	%100
49	SF1-TH	Z	.002	.002	0	%100
50	SF2-TH	Z	.008	.008	0	%100
51	MP-2	Z	.006	.006	0	%100
52	MP-4	Z	.006	.006	0	%100
53	MP-3	Z	.006	.006	0	%100
54	MP-9	Z	.006	.006	0	%100
55	MP-10	Z	.006	.006	0	%100
56	MP-12	Z	.006	.006	0	%100
57	MP-11	Z	.006	.006	0	%100
58	MP-5	Z	.006	.006	0	%100
59	MP-6	Z	.006	.006	0	%100
60	MP-8	Z	.006	.006	0	%100
61	MP-7	Z	.006	.006	0	%100
62	MP-13	Z	.006	.006	0	%100

Member Distributed Loads (BLC 17 : 330 Wind - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	-.017	-.017	0	%100
2	CP-2	X	0	0	0	%100
3	CP-3	X	-.017	-.017	0	%100
4	FFTH	X	-.008	-.008	0	%100
5	GSI-1	X	0	0	0	%100
6	GSI-2	X	-.014	-.014	0	%100
7	GSI-3	X	-.016	-.016	0	%100
8	GSIP-1	X	-.009	-.009	0	%100
9	GSIP-2	X	0	0	0	%100
10	GSIP-3	X	-.007	-.007	0	%100
11	GSIP-4	X	-.009	-.009	0	%100
12	GSIP-5	X	0	0	0	%100
13	GSIP-6	X	-.007	-.007	0	%100
14	MP-1	X	-.008	-.008	0	%100
15	SA-1	X	-.018	-.018	0	%100
16	SA-2	X	-.009	-.009	0	%100
17	SA-3	X	-.007	-.007	0	%100
18	SF1-TH	X	0	0	0	%100
19	SF2-TH	X	-.008	-.008	0	%100
20	MP-2	X	-.008	-.008	0	%100
21	MP-4	X	-.008	-.008	0	%100
22	MP-3	X	-.008	-.008	0	%100
23	MP-9	X	-.008	-.008	0	%100
24	MP-10	X	-.008	-.008	0	%100
25	MP-12	X	-.008	-.008	0	%100
26	MP-11	X	-.008	-.008	0	%100
27	MP-5	X	-.008	-.008	0	%100
28	MP-6	X	-.008	-.008	0	%100
29	MP-8	X	-.008	-.008	0	%100
30	MP-7	X	-.008	-.008	0	%100
31	MP-13	X	-.007	-.007	0	%100

Member Distributed Loads (BLC 17 : 330 Wind - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
32	CP-1	Z	.01	.01	0	%100
33	CP-2	Z	0	0	0	%100
34	CP-3	Z	.01	.01	0	%100
35	FFTH	Z	.005	.005	0	%100
36	GSI-1	Z	0	0	0	%100
37	GSI-2	Z	.009	.009	0	%100
38	GSI-3	Z	.009	.009	0	%100
39	GSIP-1	Z	.005	.005	0	%100
40	GSIP-2	Z	0	0	0	%100
41	GSIP-3	Z	.005	.005	0	%100
42	GSIP-4	Z	.005	.005	0	%100
43	GSIP-5	Z	0	0	0	%100
44	GSIP-6	Z	.005	.005	0	%100
45	MP-1	Z	.005	.005	0	%100
46	SA-1	Z	.009	.009	0	%100
47	SA-2	Z	.005	.005	0	%100
48	SA-3	Z	.005	.005	0	%100
49	SF1-TH	Z	0	0	0	%100
50	SF2-TH	Z	.005	.005	0	%100
51	MP-2	Z	.005	.005	0	%100
52	MP-4	Z	.005	.005	0	%100
53	MP-3	Z	.005	.005	0	%100
54	MP-9	Z	.005	.005	0	%100
55	MP-10	Z	.005	.005	0	%100
56	MP-12	Z	.005	.005	0	%100
57	MP-11	Z	.005	.005	0	%100
58	MP-5	Z	.005	.005	0	%100
59	MP-6	Z	.005	.005	0	%100
60	MP-8	Z	.005	.005	0	%100
61	MP-7	Z	.005	.005	0	%100
62	MP-13	Z	.004	.004	0	%100

Member Distributed Loads (BLC 18 : Ice Weight)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	Y	-.016	-.016	0	%100
2	CP-2	Y	-.016	-.016	0	%100
3	CP-3	Y	-.016	-.016	0	%100
4	FFTH	Y	-.017	-.017	0	%100
5	GSI-1	Y	-.016	-.016	0	%100
6	GSI-2	Y	-.016	-.016	0	%100
7	GSI-3	Y	-.016	-.016	0	%100
8	GSIP-1	Y	-.008	-.008	0	%100
9	GSIP-2	Y	-.008	-.008	0	%100
10	GSIP-3	Y	-.008	-.008	0	%100
11	GSIP-4	Y	-.008	-.008	0	%100
12	GSIP-5	Y	-.008	-.008	0	%100
13	GSIP-6	Y	-.008	-.008	0	%100
14	MP-1	Y	-.014	-.014	0	%100
15	SA-1	Y	-.016	-.016	0	%100
16	SA-2	Y	-.016	-.016	0	%100
17	SA-3	Y	-.016	-.016	0	%100

Member Distributed Loads (BLC 18 : Ice Weight) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
18	SF1-TH	Y	-.017	-.017	0	%100
19	SF2-TH	Y	-.017	-.017	0	%100
20	MP-2	Y	-.014	-.014	0	%100
21	MP-4	Y	-.014	-.014	0	%100
22	MP-3	Y	-.014	-.014	0	%100
23	MP-9	Y	-.014	-.014	0	%100
24	MP-10	Y	-.014	-.014	0	%100
25	MP-12	Y	-.014	-.014	0	%100
26	MP-11	Y	-.014	-.014	0	%100
27	MP-5	Y	-.014	-.014	0	%100
28	MP-6	Y	-.014	-.014	0	%100
29	MP-8	Y	-.014	-.014	0	%100
30	MP-7	Y	-.014	-.014	0	%100
31	MP-13	Y	-.015	-.015	0	%100

Member Distributed Loads (BLC 19 : 0 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	-.009	-.009	0	%100
2	CP-2	X	-.009	-.009	0	%100
3	CP-3	X	-.009	-.009	0	%100
4	FFTH	X	-.005	-.005	0	%100
5	GSI-1	X	-.006	-.006	0	%100
6	GSI-2	X	-.006	-.006	0	%100
7	GSI-3	X	-.007	-.007	0	%100
8	GSIP-1	X	-.005	-.005	0	%100
9	GSIP-2	X	-.005	-.005	0	%100
10	GSIP-3	X	-.005	-.005	0	%100
11	GSIP-4	X	-.005	-.005	0	%100
12	GSIP-5	X	-.005	-.005	0	%100
13	GSIP-6	X	-.005	-.005	0	%100
14	MP-1	X	-.003	-.003	0	%100
15	SA-1	X	-.007	-.007	0	%100
16	SA-2	X	-.007	-.007	0	%100
17	SA-3	X	-.006	-.006	0	%100
18	SF1-TH	X	-.004	-.004	0	%100
19	SF2-TH	X	-.004	-.004	0	%100
20	MP-2	X	-.003	-.003	0	%100
21	MP-4	X	-.003	-.003	0	%100
22	MP-3	X	-.003	-.003	0	%100
23	MP-9	X	-.003	-.003	0	%100
24	MP-10	X	-.003	-.003	0	%100
25	MP-12	X	-.003	-.003	0	%100
26	MP-11	X	-.003	-.003	0	%100
27	MP-5	X	-.003	-.003	0	%100
28	MP-6	X	-.003	-.003	0	%100
29	MP-8	X	-.003	-.003	0	%100
30	MP-7	X	-.003	-.003	0	%100
31	MP-13	X	-.003	-.003	0	%100

Member Distributed Loads (BLC 20 : 30 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]

Member Distributed Loads (BLC 20 : 30 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	0	0	0	%100
2	CP-2	X	-.007	-.007	0	%100
3	CP-3	X	-.007	-.007	0	%100
4	FFTH	X	-.003	-.003	0	%100
5	GSI-1	X	-.005	-.005	0	%100
6	GSI-2	X	0	0	0	%100
7	GSI-3	X	-.005	-.005	0	%100
8	GSIP-1	X	-.004	-.004	0	%100
9	GSIP-2	X	-.004	-.004	0	%100
10	GSIP-3	X	0	0	0	%100
11	GSIP-4	X	-.004	-.004	0	%100
12	GSIP-5	X	-.004	-.004	0	%100
13	GSIP-6	X	0	0	0	%100
14	MP-1	X	-.003	-.003	0	%100
15	SA-1	X	-.003	-.003	0	%100
16	SA-2	X	-.006	-.006	0	%100
17	SA-3	X	-.002	-.002	0	%100
18	SF1-TH	X	-.003	-.003	0	%100
19	SF2-TH	X	0	0	0	%100
20	MP-2	X	-.003	-.003	0	%100
21	MP-4	X	-.003	-.003	0	%100
22	MP-3	X	-.003	-.003	0	%100
23	MP-9	X	-.003	-.003	0	%100
24	MP-10	X	-.003	-.003	0	%100
25	MP-12	X	-.003	-.003	0	%100
26	MP-11	X	-.003	-.003	0	%100
27	MP-5	X	-.003	-.003	0	%100
28	MP-6	X	-.003	-.003	0	%100
29	MP-8	X	-.003	-.003	0	%100
30	MP-7	X	-.003	-.003	0	%100
31	MP-13	X	-.003	-.003	0	%100
32	CP-1	Z	0	0	0	%100
33	CP-2	Z	-.004	-.004	0	%100
34	CP-3	Z	-.003	-.003	0	%100
35	FFTH	Z	-.002	-.002	0	%100
36	GSI-1	Z	-.003	-.003	0	%100
37	GSI-2	Z	0	0	0	%100
38	GSI-3	Z	-.003	-.003	0	%100
39	GSIP-1	Z	-.002	-.002	0	%100
40	GSIP-2	Z	-.002	-.002	0	%100
41	GSIP-3	Z	0	0	0	%100
42	GSIP-4	Z	-.002	-.002	0	%100
43	GSIP-5	Z	-.002	-.002	0	%100
44	GSIP-6	Z	0	0	0	%100
45	MP-1	Z	-.002	-.002	0	%100
46	SA-1	Z	-.002	-.002	0	%100
47	SA-2	Z	-.003	-.003	0	%100
48	SA-3	Z	-.002	-.002	0	%100
49	SF1-TH	Z	-.002	-.002	0	%100
50	SF2-TH	Z	0	0	0	%100
51	MP-2	Z	-.002	-.002	0	%100
52	MP-4	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 20 : 30 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
53	MP-3	Z	-.002	-.002	0	%100
54	MP-9	Z	-.002	-.002	0	%100
55	MP-10	Z	-.002	-.002	0	%100
56	MP-12	Z	-.002	-.002	0	%100
57	MP-11	Z	-.002	-.002	0	%100
58	MP-5	Z	-.002	-.002	0	%100
59	MP-6	Z	-.002	-.002	0	%100
60	MP-8	Z	-.002	-.002	0	%100
61	MP-7	Z	-.002	-.002	0	%100
62	MP-13	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 21 : 45 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	-.002	-.002	0	%100
2	CP-2	X	-.006	-.006	0	%100
3	CP-3	X	-.004	-.004	0	%100
4	FFTH	X	-.002	-.002	0	%100
5	GSI-1	X	-.004	-.004	0	%100
6	GSI-2	X	-.001	-.001	0	%100
7	GSI-3	X	-.003	-.003	0	%100
8	GSIP-1	X	-.003	-.003	0	%100
9	GSIP-2	X	-.003	-.003	0	%100
10	GSIP-3	X	-.00088	-.00088	0	%100
11	GSIP-4	X	-.003	-.003	0	%100
12	GSIP-5	X	-.003	-.003	0	%100
13	GSIP-6	X	-.00088	-.00088	0	%100
14	MP-1	X	-.002	-.002	0	%100
15	SA-1	X	-.001	-.001	0	%100
16	SA-2	X	-.005	-.005	0	%100
17	SA-3	X	-.003	-.003	0	%100
18	SF1-TH	X	-.003	-.003	0	%100
19	SF2-TH	X	-.000682	-.000682	0	%100
20	MP-2	X	-.002	-.002	0	%100
21	MP-4	X	-.002	-.002	0	%100
22	MP-3	X	-.002	-.002	0	%100
23	MP-9	X	-.002	-.002	0	%100
24	MP-10	X	-.002	-.002	0	%100
25	MP-12	X	-.002	-.002	0	%100
26	MP-11	X	-.002	-.002	0	%100
27	MP-5	X	-.002	-.002	0	%100
28	MP-6	X	-.002	-.002	0	%100
29	MP-8	X	-.002	-.002	0	%100
30	MP-7	X	-.002	-.002	0	%100
31	MP-13	X	-.002	-.002	0	%100
32	CP-1	Z	-.002	-.002	0	%100
33	CP-2	Z	-.006	-.006	0	%100
34	CP-3	Z	-.004	-.004	0	%100
35	FFTH	Z	-.002	-.002	0	%100
36	GSI-1	Z	-.005	-.005	0	%100
37	GSI-2	Z	-.001	-.001	0	%100
38	GSI-3	Z	-.003	-.003	0	%100

Member Distributed Loads (BLC 21 : 45 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
39	GSIP-1	Z	-.002	-.002	0	%100
40	GSIP-2	Z	-.004	-.004	0	%100
41	GSIP-3	Z	-.000958	-.000958	0	%100
42	GSIP-4	Z	-.002	-.002	0	%100
43	GSIP-5	Z	-.004	-.004	0	%100
44	GSIP-6	Z	-.000958	-.000958	0	%100
45	MP-1	Z	-.002	-.002	0	%100
46	SA-1	Z	-.001	-.001	0	%100
47	SA-2	Z	-.004	-.004	0	%100
48	SA-3	Z	-.003	-.003	0	%100
49	SF1-TH	Z	-.003	-.003	0	%100
50	SF2-TH	Z	-.0008	-.0008	0	%100
51	MP-2	Z	-.002	-.002	0	%100
52	MP-4	Z	-.002	-.002	0	%100
53	MP-3	Z	-.002	-.002	0	%100
54	MP-9	Z	-.002	-.002	0	%100
55	MP-10	Z	-.002	-.002	0	%100
56	MP-12	Z	-.002	-.002	0	%100
57	MP-11	Z	-.002	-.002	0	%100
58	MP-5	Z	-.002	-.002	0	%100
59	MP-6	Z	-.002	-.002	0	%100
60	MP-8	Z	-.002	-.002	0	%100
61	MP-7	Z	-.002	-.002	0	%100
62	MP-13	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 22 : 60 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	-.002	-.002	0	%100
2	CP-2	X	-.004	-.004	0	%100
3	CP-3	X	-.002	-.002	0	%100
4	FFTH	X	-.001	-.001	0	%100
5	GSI-1	X	-.003	-.003	0	%100
6	GSI-2	X	-.002	-.002	0	%100
7	GSI-3	X	-.002	-.002	0	%100
8	GSIP-1	X	-.001	-.001	0	%100
9	GSIP-2	X	-.002	-.002	0	%100
10	GSIP-3	X	-.001	-.001	0	%100
11	GSIP-4	X	-.001	-.001	0	%100
12	GSIP-5	X	-.002	-.002	0	%100
13	GSIP-6	X	-.001	-.001	0	%100
14	MP-1	X	-.002	-.002	0	%100
15	SA-1	X	0	0	0	%100
16	SA-2	X	-.003	-.003	0	%100
17	SA-3	X	-.002	-.002	0	%100
18	SF1-TH	X	-.002	-.002	0	%100
19	SF2-TH	X	-.000932	-.000932	0	%100
20	MP-2	X	-.002	-.002	0	%100
21	MP-4	X	-.002	-.002	0	%100
22	MP-3	X	-.002	-.002	0	%100
23	MP-9	X	-.002	-.002	0	%100
24	MP-10	X	-.002	-.002	0	%100

Member Distributed Loads (BLC 22 : 60 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
25	MP-12	X	-.002	-.002	0	%100
26	MP-11	X	-.002	-.002	0	%100
27	MP-5	X	-.002	-.002	0	%100
28	MP-6	X	-.002	-.002	0	%100
29	MP-8	X	-.002	-.002	0	%100
30	MP-7	X	-.002	-.002	0	%100
31	MP-13	X	-.001	-.001	0	%100
32	CP-1	Z	-.004	-.004	0	%100
33	CP-2	Z	-.008	-.008	0	%100
34	CP-3	Z	-.003	-.003	0	%100
35	FFTH	Z	-.002	-.002	0	%100
36	GSI-1	Z	-.006	-.006	0	%100
37	GSI-2	Z	-.003	-.003	0	%100
38	GSI-3	Z	-.003	-.003	0	%100
39	GSIP-1	Z	-.002	-.002	0	%100
40	GSIP-2	Z	-.005	-.005	0	%100
41	GSIP-3	Z	-.002	-.002	0	%100
42	GSIP-4	Z	-.002	-.002	0	%100
43	GSIP-5	Z	-.005	-.005	0	%100
44	GSIP-6	Z	-.002	-.002	0	%100
45	MP-1	Z	-.003	-.003	0	%100
46	SA-1	Z	0	0	0	%100
47	SA-2	Z	-.005	-.005	0	%100
48	SA-3	Z	-.005	-.005	0	%100
49	SF1-TH	Z	-.004	-.004	0	%100
50	SF2-TH	Z	-.002	-.002	0	%100
51	MP-2	Z	-.003	-.003	0	%100
52	MP-4	Z	-.003	-.003	0	%100
53	MP-3	Z	-.003	-.003	0	%100
54	MP-9	Z	-.003	-.003	0	%100
55	MP-10	Z	-.003	-.003	0	%100
56	MP-12	Z	-.003	-.003	0	%100
57	MP-11	Z	-.003	-.003	0	%100
58	MP-5	Z	-.003	-.003	0	%100
59	MP-6	Z	-.003	-.003	0	%100
60	MP-8	Z	-.003	-.003	0	%100
61	MP-7	Z	-.003	-.003	0	%100
62	MP-13	Z	-.003	-.003	0	%100

Member Distributed Loads (BLC 23 : 90 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	Z	-.008	-.008	0	%100
2	CP-2	Z	-.008	-.008	0	%100
3	CP-3	Z	0	0	0	%100
4	FFTH	Z	0	0	0	%100
5	GSI-1	Z	-.006	-.006	0	%100
6	GSI-2	Z	-.006	-.006	0	%100
7	GSI-3	Z	0	0	0	%100
8	GSIP-1	Z	0	0	0	%100
9	GSIP-2	Z	-.005	-.005	0	%100
10	GSIP-3	Z	-.005	-.005	0	%100

Member Distributed Loads (BLC 23 : 90 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
11	GSIP-4	Z	0	0	0	%100
12	GSIP-5	Z	-.005	-.005	0	%100
13	GSIP-6	Z	-.005	-.005	0	%100
14	MP-1	Z	-.003	-.003	0	%100
15	SA-1	Z	-.003	-.003	0	%100
16	SA-2	Z	-.003	-.003	0	%100
17	SA-3	Z	-.007	-.007	0	%100
18	SF1-TH	Z	-.004	-.004	0	%100
19	SF2-TH	Z	-.004	-.004	0	%100
20	MP-2	Z	-.003	-.003	0	%100
21	MP-4	Z	-.003	-.003	0	%100
22	MP-3	Z	-.003	-.003	0	%100
23	MP-9	Z	-.003	-.003	0	%100
24	MP-10	Z	-.003	-.003	0	%100
25	MP-12	Z	-.003	-.003	0	%100
26	MP-11	Z	-.003	-.003	0	%100
27	MP-5	Z	-.003	-.003	0	%100
28	MP-6	Z	-.003	-.003	0	%100
29	MP-8	Z	-.003	-.003	0	%100
30	MP-7	Z	-.003	-.003	0	%100
31	MP-13	Z	-.003	-.003	0	%100

Member Distributed Loads (BLC 24 : 120 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	.004	.004	0	%100
2	CP-2	X	.002	.002	0	%100
3	CP-3	X	.002	.002	0	%100
4	FFTH	X	.001	.001	0	%100
5	GSI-1	X	.002	.002	0	%100
6	GSI-2	X	.003	.003	0	%100
7	GSI-3	X	.002	.002	0	%100
8	GSIP-1	X	.001	.001	0	%100
9	GSIP-2	X	.001	.001	0	%100
10	GSIP-3	X	.002	.002	0	%100
11	GSIP-4	X	.001	.001	0	%100
12	GSIP-5	X	.001	.001	0	%100
13	GSIP-6	X	.002	.002	0	%100
14	MP-1	X	.002	.002	0	%100
15	SA-1	X	.003	.003	0	%100
16	SA-2	X	0	0	0	%100
17	SA-3	X	.002	.002	0	%100
18	SF1-TH	X	.000932	.000932	0	%100
19	SF2-TH	X	.002	.002	0	%100
20	MP-2	X	.002	.002	0	%100
21	MP-4	X	.002	.002	0	%100
22	MP-3	X	.002	.002	0	%100
23	MP-9	X	.002	.002	0	%100
24	MP-10	X	.002	.002	0	%100
25	MP-12	X	.002	.002	0	%100
26	MP-11	X	.002	.002	0	%100
27	MP-5	X	.002	.002	0	%100

Member Distributed Loads (BLC 24 : 120 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
28	MP-6	X	.002	.002	0	%100
29	MP-8	X	.002	.002	0	%100
30	MP-7	X	.002	.002	0	%100
31	MP-13	X	.001	.001	0	%100
32	CP-1	Z	-.008	-.008	0	%100
33	CP-2	Z	-.004	-.004	0	%100
34	CP-3	Z	-.003	-.003	0	%100
35	FFTH	Z	-.002	-.002	0	%100
36	GSI-1	Z	-.003	-.003	0	%100
37	GSI-2	Z	-.006	-.006	0	%100
38	GSI-3	Z	-.003	-.003	0	%100
39	GSIP-1	Z	-.002	-.002	0	%100
40	GSIP-2	Z	-.002	-.002	0	%100
41	GSIP-3	Z	-.005	-.005	0	%100
42	GSIP-4	Z	-.002	-.002	0	%100
43	GSIP-5	Z	-.002	-.002	0	%100
44	GSIP-6	Z	-.005	-.005	0	%100
45	MP-1	Z	-.003	-.003	0	%100
46	SA-1	Z	-.005	-.005	0	%100
47	SA-2	Z	0	0	0	%100
48	SA-3	Z	-.005	-.005	0	%100
49	SF1-TH	Z	-.002	-.002	0	%100
50	SF2-TH	Z	-.004	-.004	0	%100
51	MP-2	Z	-.003	-.003	0	%100
52	MP-4	Z	-.003	-.003	0	%100
53	MP-3	Z	-.003	-.003	0	%100
54	MP-9	Z	-.003	-.003	0	%100
55	MP-10	Z	-.003	-.003	0	%100
56	MP-12	Z	-.003	-.003	0	%100
57	MP-11	Z	-.003	-.003	0	%100
58	MP-5	Z	-.003	-.003	0	%100
59	MP-6	Z	-.003	-.003	0	%100
60	MP-8	Z	-.003	-.003	0	%100
61	MP-7	Z	-.003	-.003	0	%100
62	MP-13	Z	-.003	-.003	0	%100

Member Distributed Loads (BLC 25 : 135 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	.006	.006	0	%100
2	CP-2	X	.002	.002	0	%100
3	CP-3	X	.004	.004	0	%100
4	FFTH	X	.002	.002	0	%100
5	GSI-1	X	.001	.001	0	%100
6	GSI-2	X	.004	.004	0	%100
7	GSI-3	X	.003	.003	0	%100
8	GSIP-1	X	.003	.003	0	%100
9	GSIP-2	X	.00088	.00088	0	%100
10	GSIP-3	X	.003	.003	0	%100
11	GSIP-4	X	.003	.003	0	%100
12	GSIP-5	X	.00088	.00088	0	%100
13	GSIP-6	X	.003	.003	0	%100

Member Distributed Loads (BLC 25 : 135 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
14	MP-1	X	.002	.002	0	%100
15	SA-1	X	.005	.005	0	%100
16	SA-2	X	.001	.001	0	%100
17	SA-3	X	.003	.003	0	%100
18	SF1-TH	X	.000682	.000682	0	%100
19	SF2-TH	X	.003	.003	0	%100
20	MP-2	X	.002	.002	0	%100
21	MP-4	X	.002	.002	0	%100
22	MP-3	X	.002	.002	0	%100
23	MP-9	X	.002	.002	0	%100
24	MP-10	X	.002	.002	0	%100
25	MP-12	X	.002	.002	0	%100
26	MP-11	X	.002	.002	0	%100
27	MP-5	X	.002	.002	0	%100
28	MP-6	X	.002	.002	0	%100
29	MP-8	X	.002	.002	0	%100
30	MP-7	X	.002	.002	0	%100
31	MP-13	X	.002	.002	0	%100
32	CP-1	Z	-.006	-.006	0	%100
33	CP-2	Z	-.002	-.002	0	%100
34	CP-3	Z	-.004	-.004	0	%100
35	FFTH	Z	-.002	-.002	0	%100
36	GSI-1	Z	-.001	-.001	0	%100
37	GSI-2	Z	-.005	-.005	0	%100
38	GSI-3	Z	-.003	-.003	0	%100
39	GSIP-1	Z	-.002	-.002	0	%100
40	GSIP-2	Z	-.000958	-.000958	0	%100
41	GSIP-3	Z	-.004	-.004	0	%100
42	GSIP-4	Z	-.002	-.002	0	%100
43	GSIP-5	Z	-.000958	-.000958	0	%100
44	GSIP-6	Z	-.004	-.004	0	%100
45	MP-1	Z	-.002	-.002	0	%100
46	SA-1	Z	-.004	-.004	0	%100
47	SA-2	Z	-.001	-.001	0	%100
48	SA-3	Z	-.003	-.003	0	%100
49	SF1-TH	Z	-.0008	-.0008	0	%100
50	SF2-TH	Z	-.003	-.003	0	%100
51	MP-2	Z	-.002	-.002	0	%100
52	MP-4	Z	-.002	-.002	0	%100
53	MP-3	Z	-.002	-.002	0	%100
54	MP-9	Z	-.002	-.002	0	%100
55	MP-10	Z	-.002	-.002	0	%100
56	MP-12	Z	-.002	-.002	0	%100
57	MP-11	Z	-.002	-.002	0	%100
58	MP-5	Z	-.002	-.002	0	%100
59	MP-6	Z	-.002	-.002	0	%100
60	MP-8	Z	-.002	-.002	0	%100
61	MP-7	Z	-.002	-.002	0	%100
62	MP-13	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 26 : 150 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]

Member Distributed Loads (BLC 26 : 150 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	.007	.007	0	%100
2	CP-2	X	0	0	0	%100
3	CP-3	X	.007	.007	0	%100
4	FFTH	X	.003	.003	0	%100
5	GSI-1	X	0	0	0	%100
6	GSI-2	X	.005	.005	0	%100
7	GSI-3	X	.005	.005	0	%100
8	GSIP-1	X	.004	.004	0	%100
9	GSIP-2	X	0	0	0	%100
10	GSIP-3	X	.004	.004	0	%100
11	GSIP-4	X	.004	.004	0	%100
12	GSIP-5	X	0	0	0	%100
13	GSIP-6	X	.004	.004	0	%100
14	MP-1	X	.003	.003	0	%100
15	SA-1	X	.006	.006	0	%100
16	SA-2	X	.003	.003	0	%100
17	SA-3	X	.002	.002	0	%100
18	SF1-TH	X	0	0	0	%100
19	SF2-TH	X	.003	.003	0	%100
20	MP-2	X	.003	.003	0	%100
21	MP-4	X	.003	.003	0	%100
22	MP-3	X	.003	.003	0	%100
23	MP-9	X	.003	.003	0	%100
24	MP-10	X	.003	.003	0	%100
25	MP-12	X	.003	.003	0	%100
26	MP-11	X	.003	.003	0	%100
27	MP-5	X	.003	.003	0	%100
28	MP-6	X	.003	.003	0	%100
29	MP-8	X	.003	.003	0	%100
30	MP-7	X	.003	.003	0	%100
31	MP-13	X	.003	.003	0	%100
32	CP-1	Z	-.004	-.004	0	%100
33	CP-2	Z	0	0	0	%100
34	CP-3	Z	-.003	-.003	0	%100
35	FFTH	Z	-.002	-.002	0	%100
36	GSI-1	Z	0	0	0	%100
37	GSI-2	Z	-.003	-.003	0	%100
38	GSI-3	Z	-.003	-.003	0	%100
39	GSIP-1	Z	-.002	-.002	0	%100
40	GSIP-2	Z	0	0	0	%100
41	GSIP-3	Z	-.002	-.002	0	%100
42	GSIP-4	Z	-.002	-.002	0	%100
43	GSIP-5	Z	0	0	0	%100
44	GSIP-6	Z	-.002	-.002	0	%100
45	MP-1	Z	-.002	-.002	0	%100
46	SA-1	Z	-.003	-.003	0	%100
47	SA-2	Z	-.002	-.002	0	%100
48	SA-3	Z	-.002	-.002	0	%100
49	SF1-TH	Z	0	0	0	%100
50	SF2-TH	Z	-.002	-.002	0	%100
51	MP-2	Z	-.002	-.002	0	%100
52	MP-4	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 26 : 150 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
53	MP-3	Z	-.002	-.002	0	%100
54	MP-9	Z	-.002	-.002	0	%100
55	MP-10	Z	-.002	-.002	0	%100
56	MP-12	Z	-.002	-.002	0	%100
57	MP-11	Z	-.002	-.002	0	%100
58	MP-5	Z	-.002	-.002	0	%100
59	MP-6	Z	-.002	-.002	0	%100
60	MP-8	Z	-.002	-.002	0	%100
61	MP-7	Z	-.002	-.002	0	%100
62	MP-13	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 27 : 180 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	.009	.009	0	%100
2	CP-2	X	.009	.009	0	%100
3	CP-3	X	.009	.009	0	%100
4	FFTH	X	.005	.005	0	%100
5	GSI-1	X	.006	.006	0	%100
6	GSI-2	X	.006	.006	0	%100
7	GSI-3	X	.007	.007	0	%100
8	GSIP-1	X	.005	.005	0	%100
9	GSIP-2	X	.005	.005	0	%100
10	GSIP-3	X	.005	.005	0	%100
11	GSIP-4	X	.005	.005	0	%100
12	GSIP-5	X	.005	.005	0	%100
13	GSIP-6	X	.005	.005	0	%100
14	MP-1	X	.003	.003	0	%100
15	SA-1	X	.007	.007	0	%100
16	SA-2	X	.007	.007	0	%100
17	SA-3	X	.006	.006	0	%100
18	SF1-TH	X	.004	.004	0	%100
19	SF2-TH	X	.004	.004	0	%100
20	MP-2	X	.003	.003	0	%100
21	MP-4	X	.003	.003	0	%100
22	MP-3	X	.003	.003	0	%100
23	MP-9	X	.003	.003	0	%100
24	MP-10	X	.003	.003	0	%100
25	MP-12	X	.003	.003	0	%100
26	MP-11	X	.003	.003	0	%100
27	MP-5	X	.003	.003	0	%100
28	MP-6	X	.003	.003	0	%100
29	MP-8	X	.003	.003	0	%100
30	MP-7	X	.003	.003	0	%100
31	MP-13	X	.003	.003	0	%100

Member Distributed Loads (BLC 28 : 210 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	0	0	0	%100
2	CP-2	X	.007	.007	0	%100
3	CP-3	X	.007	.007	0	%100
4	FFTH	X	.003	.003	0	%100

Member Distributed Loads (BLC 28 : 210 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
5	GSI-1	X	.005	.005	0	%100
6	GSI-2	X	0	0	0	%100
7	GSI-3	X	.005	.005	0	%100
8	GSIP-1	X	.004	.004	0	%100
9	GSIP-2	X	.004	.004	0	%100
10	GSIP-3	X	0	0	0	%100
11	GSIP-4	X	.004	.004	0	%100
12	GSIP-5	X	.004	.004	0	%100
13	GSIP-6	X	0	0	0	%100
14	MP-1	X	.003	.003	0	%100
15	SA-1	X	.003	.003	0	%100
16	SA-2	X	.006	.006	0	%100
17	SA-3	X	.002	.002	0	%100
18	SF1-TH	X	.003	.003	0	%100
19	SF2-TH	X	0	0	0	%100
20	MP-2	X	.003	.003	0	%100
21	MP-4	X	.003	.003	0	%100
22	MP-3	X	.003	.003	0	%100
23	MP-9	X	.003	.003	0	%100
24	MP-10	X	.003	.003	0	%100
25	MP-12	X	.003	.003	0	%100
26	MP-11	X	.003	.003	0	%100
27	MP-5	X	.003	.003	0	%100
28	MP-6	X	.003	.003	0	%100
29	MP-8	X	.003	.003	0	%100
30	MP-7	X	.003	.003	0	%100
31	MP-13	X	.003	.003	0	%100
32	CP-1	Z	0	0	0	%100
33	CP-2	Z	.004	.004	0	%100
34	CP-3	Z	.003	.003	0	%100
35	FFTH	Z	.002	.002	0	%100
36	GSI-1	Z	.003	.003	0	%100
37	GSI-2	Z	0	0	0	%100
38	GSI-3	Z	.003	.003	0	%100
39	GSIP-1	Z	.002	.002	0	%100
40	GSIP-2	Z	.002	.002	0	%100
41	GSIP-3	Z	0	0	0	%100
42	GSIP-4	Z	.002	.002	0	%100
43	GSIP-5	Z	.002	.002	0	%100
44	GSIP-6	Z	0	0	0	%100
45	MP-1	Z	.002	.002	0	%100
46	SA-1	Z	.002	.002	0	%100
47	SA-2	Z	.003	.003	0	%100
48	SA-3	Z	.002	.002	0	%100
49	SF1-TH	Z	.002	.002	0	%100
50	SF2-TH	Z	0	0	0	%100
51	MP-2	Z	.002	.002	0	%100
52	MP-4	Z	.002	.002	0	%100
53	MP-3	Z	.002	.002	0	%100
54	MP-9	Z	.002	.002	0	%100
55	MP-10	Z	.002	.002	0	%100
56	MP-12	Z	.002	.002	0	%100

Member Distributed Loads (BLC 28 : 210 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
57	MP-11	Z	.002	.002	0	%100
58	MP-5	Z	.002	.002	0	%100
59	MP-6	Z	.002	.002	0	%100
60	MP-8	Z	.002	.002	0	%100
61	MP-7	Z	.002	.002	0	%100
62	MP-13	Z	.002	.002	0	%100

Member Distributed Loads (BLC 29 : 225 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	.002	.002	0	%100
2	CP-2	X	.006	.006	0	%100
3	CP-3	X	.004	.004	0	%100
4	FFTH	X	.002	.002	0	%100
5	GSI-1	X	.004	.004	0	%100
6	GSI-2	X	.001	.001	0	%100
7	GSI-3	X	.003	.003	0	%100
8	GSIP-1	X	.003	.003	0	%100
9	GSIP-2	X	.003	.003	0	%100
10	GSIP-3	X	.00088	.00088	0	%100
11	GSIP-4	X	.003	.003	0	%100
12	GSIP-5	X	.003	.003	0	%100
13	GSIP-6	X	.00088	.00088	0	%100
14	MP-1	X	.002	.002	0	%100
15	SA-1	X	.001	.001	0	%100
16	SA-2	X	.005	.005	0	%100
17	SA-3	X	.003	.003	0	%100
18	SF1-TH	X	.003	.003	0	%100
19	SF2-TH	X	.000682	.000682	0	%100
20	MP-2	X	.002	.002	0	%100
21	MP-4	X	.002	.002	0	%100
22	MP-3	X	.002	.002	0	%100
23	MP-9	X	.002	.002	0	%100
24	MP-10	X	.002	.002	0	%100
25	MP-12	X	.002	.002	0	%100
26	MP-11	X	.002	.002	0	%100
27	MP-5	X	.002	.002	0	%100
28	MP-6	X	.002	.002	0	%100
29	MP-8	X	.002	.002	0	%100
30	MP-7	X	.002	.002	0	%100
31	MP-13	X	.002	.002	0	%100
32	CP-1	Z	.002	.002	0	%100
33	CP-2	Z	.006	.006	0	%100
34	CP-3	Z	.004	.004	0	%100
35	FFTH	Z	.002	.002	0	%100
36	GSI-1	Z	.005	.005	0	%100
37	GSI-2	Z	.001	.001	0	%100
38	GSI-3	Z	.003	.003	0	%100
39	GSIP-1	Z	.002	.002	0	%100
40	GSIP-2	Z	.004	.004	0	%100
41	GSIP-3	Z	.000958	.000958	0	%100
42	GSIP-4	Z	.002	.002	0	%100

Member Distributed Loads (BLC 29 : 225 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
43	GSIP-5	Z	.004	.004	0	%100
44	GSIP-6	Z	.000958	.000958	0	%100
45	MP-1	Z	.002	.002	0	%100
46	SA-1	Z	.001	.001	0	%100
47	SA-2	Z	.004	.004	0	%100
48	SA-3	Z	.003	.003	0	%100
49	SF1-TH	Z	.003	.003	0	%100
50	SF2-TH	Z	.0008	.0008	0	%100
51	MP-2	Z	.002	.002	0	%100
52	MP-4	Z	.002	.002	0	%100
53	MP-3	Z	.002	.002	0	%100
54	MP-9	Z	.002	.002	0	%100
55	MP-10	Z	.002	.002	0	%100
56	MP-12	Z	.002	.002	0	%100
57	MP-11	Z	.002	.002	0	%100
58	MP-5	Z	.002	.002	0	%100
59	MP-6	Z	.002	.002	0	%100
60	MP-8	Z	.002	.002	0	%100
61	MP-7	Z	.002	.002	0	%100
62	MP-13	Z	.002	.002	0	%100

Member Distributed Loads (BLC 30 : 240 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	.002	.002	0	%100
2	CP-2	X	.004	.004	0	%100
3	CP-3	X	.002	.002	0	%100
4	FFTH	X	.001	.001	0	%100
5	GSI-1	X	.003	.003	0	%100
6	GSI-2	X	.002	.002	0	%100
7	GSI-3	X	.002	.002	0	%100
8	GSIP-1	X	.001	.001	0	%100
9	GSIP-2	X	.002	.002	0	%100
10	GSIP-3	X	.001	.001	0	%100
11	GSIP-4	X	.001	.001	0	%100
12	GSIP-5	X	.002	.002	0	%100
13	GSIP-6	X	.001	.001	0	%100
14	MP-1	X	.002	.002	0	%100
15	SA-1	X	0	0	0	%100
16	SA-2	X	.003	.003	0	%100
17	SA-3	X	.002	.002	0	%100
18	SF1-TH	X	.002	.002	0	%100
19	SF2-TH	X	.000932	.000932	0	%100
20	MP-2	X	.002	.002	0	%100
21	MP-4	X	.002	.002	0	%100
22	MP-3	X	.002	.002	0	%100
23	MP-9	X	.002	.002	0	%100
24	MP-10	X	.002	.002	0	%100
25	MP-12	X	.002	.002	0	%100
26	MP-11	X	.002	.002	0	%100
27	MP-5	X	.002	.002	0	%100
28	MP-6	X	.002	.002	0	%100

Member Distributed Loads (BLC 30 : 240 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
29	MP-8	X	.002	.002	0	%100
30	MP-7	X	.002	.002	0	%100
31	MP-13	X	.001	.001	0	%100
32	CP-1	Z	.004	.004	0	%100
33	CP-2	Z	.008	.008	0	%100
34	CP-3	Z	.003	.003	0	%100
35	FFTH	Z	.002	.002	0	%100
36	GSI-1	Z	.006	.006	0	%100
37	GSI-2	Z	.003	.003	0	%100
38	GSI-3	Z	.003	.003	0	%100
39	GSIP-1	Z	.002	.002	0	%100
40	GSIP-2	Z	.005	.005	0	%100
41	GSIP-3	Z	.002	.002	0	%100
42	GSIP-4	Z	.002	.002	0	%100
43	GSIP-5	Z	.005	.005	0	%100
44	GSIP-6	Z	.002	.002	0	%100
45	MP-1	Z	.003	.003	0	%100
46	SA-1	Z	0	0	0	%100
47	SA-2	Z	.005	.005	0	%100
48	SA-3	Z	.005	.005	0	%100
49	SF1-TH	Z	.004	.004	0	%100
50	SF2-TH	Z	.002	.002	0	%100
51	MP-2	Z	.003	.003	0	%100
52	MP-4	Z	.003	.003	0	%100
53	MP-3	Z	.003	.003	0	%100
54	MP-9	Z	.003	.003	0	%100
55	MP-10	Z	.003	.003	0	%100
56	MP-12	Z	.003	.003	0	%100
57	MP-11	Z	.003	.003	0	%100
58	MP-5	Z	.003	.003	0	%100
59	MP-6	Z	.003	.003	0	%100
60	MP-8	Z	.003	.003	0	%100
61	MP-7	Z	.003	.003	0	%100
62	MP-13	Z	.003	.003	0	%100

Member Distributed Loads (BLC 31 : 270 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	Z	.008	.008	0	%100
2	CP-2	Z	.008	.008	0	%100
3	CP-3	Z	0	0	0	%100
4	FFTH	Z	0	0	0	%100
5	GSI-1	Z	.006	.006	0	%100
6	GSI-2	Z	.006	.006	0	%100
7	GSI-3	Z	0	0	0	%100
8	GSIP-1	Z	0	0	0	%100
9	GSIP-2	Z	.005	.005	0	%100
10	GSIP-3	Z	.005	.005	0	%100
11	GSIP-4	Z	0	0	0	%100
12	GSIP-5	Z	.005	.005	0	%100
13	GSIP-6	Z	.005	.005	0	%100
14	MP-1	Z	.003	.003	0	%100

Member Distributed Loads (BLC 31 : 270 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
15	SA-1	Z	.003	.003	0	%100
16	SA-2	Z	.003	.003	0	%100
17	SA-3	Z	.007	.007	0	%100
18	SF1-TH	Z	.004	.004	0	%100
19	SF2-TH	Z	.004	.004	0	%100
20	MP-2	Z	.003	.003	0	%100
21	MP-4	Z	.003	.003	0	%100
22	MP-3	Z	.003	.003	0	%100
23	MP-9	Z	.003	.003	0	%100
24	MP-10	Z	.003	.003	0	%100
25	MP-12	Z	.003	.003	0	%100
26	MP-11	Z	.003	.003	0	%100
27	MP-5	Z	.003	.003	0	%100
28	MP-6	Z	.003	.003	0	%100
29	MP-8	Z	.003	.003	0	%100
30	MP-7	Z	.003	.003	0	%100
31	MP-13	Z	.003	.003	0	%100

Member Distributed Loads (BLC 32 : 300 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	-.004	-.004	0	%100
2	CP-2	X	-.002	-.002	0	%100
3	CP-3	X	-.002	-.002	0	%100
4	FFTH	X	-.001	-.001	0	%100
5	GSI-1	X	-.002	-.002	0	%100
6	GSI-2	X	-.003	-.003	0	%100
7	GSI-3	X	-.002	-.002	0	%100
8	GSIP-1	X	-.001	-.001	0	%100
9	GSIP-2	X	-.001	-.001	0	%100
10	GSIP-3	X	-.002	-.002	0	%100
11	GSIP-4	X	-.001	-.001	0	%100
12	GSIP-5	X	-.001	-.001	0	%100
13	GSIP-6	X	-.002	-.002	0	%100
14	MP-1	X	-.002	-.002	0	%100
15	SA-1	X	-.003	-.003	0	%100
16	SA-2	X	0	0	0	%100
17	SA-3	X	-.002	-.002	0	%100
18	SF1-TH	X	-.000932	-.000932	0	%100
19	SF2-TH	X	-.002	-.002	0	%100
20	MP-2	X	-.002	-.002	0	%100
21	MP-4	X	-.002	-.002	0	%100
22	MP-3	X	-.002	-.002	0	%100
23	MP-9	X	-.002	-.002	0	%100
24	MP-10	X	-.002	-.002	0	%100
25	MP-12	X	-.002	-.002	0	%100
26	MP-11	X	-.002	-.002	0	%100
27	MP-5	X	-.002	-.002	0	%100
28	MP-6	X	-.002	-.002	0	%100
29	MP-8	X	-.002	-.002	0	%100
30	MP-7	X	-.002	-.002	0	%100
31	MP-13	X	-.001	-.001	0	%100

Member Distributed Loads (BLC 32 : 300 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
32	CP-1	Z	.008	.008	0	%100
33	CP-2	Z	.004	.004	0	%100
34	CP-3	Z	.003	.003	0	%100
35	FFTH	Z	.002	.002	0	%100
36	GSI-1	Z	.003	.003	0	%100
37	GSI-2	Z	.006	.006	0	%100
38	GSI-3	Z	.003	.003	0	%100
39	GSIP-1	Z	.002	.002	0	%100
40	GSIP-2	Z	.002	.002	0	%100
41	GSIP-3	Z	.005	.005	0	%100
42	GSIP-4	Z	.002	.002	0	%100
43	GSIP-5	Z	.002	.002	0	%100
44	GSIP-6	Z	.005	.005	0	%100
45	MP-1	Z	.003	.003	0	%100
46	SA-1	Z	.005	.005	0	%100
47	SA-2	Z	0	0	0	%100
48	SA-3	Z	.005	.005	0	%100
49	SF1-TH	Z	.002	.002	0	%100
50	SF2-TH	Z	.004	.004	0	%100
51	MP-2	Z	.003	.003	0	%100
52	MP-4	Z	.003	.003	0	%100
53	MP-3	Z	.003	.003	0	%100
54	MP-9	Z	.003	.003	0	%100
55	MP-10	Z	.003	.003	0	%100
56	MP-12	Z	.003	.003	0	%100
57	MP-11	Z	.003	.003	0	%100
58	MP-5	Z	.003	.003	0	%100
59	MP-6	Z	.003	.003	0	%100
60	MP-8	Z	.003	.003	0	%100
61	MP-7	Z	.003	.003	0	%100
62	MP-13	Z	.003	.003	0	%100

Member Distributed Loads (BLC 33 : 315 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	-.006	-.006	0	%100
2	CP-2	X	-.002	-.002	0	%100
3	CP-3	X	-.004	-.004	0	%100
4	FFTH	X	-.002	-.002	0	%100
5	GSI-1	X	-.001	-.001	0	%100
6	GSI-2	X	-.004	-.004	0	%100
7	GSI-3	X	-.003	-.003	0	%100
8	GSIP-1	X	-.003	-.003	0	%100
9	GSIP-2	X	-.00088	-.00088	0	%100
10	GSIP-3	X	-.003	-.003	0	%100
11	GSIP-4	X	-.003	-.003	0	%100
12	GSIP-5	X	-.00088	-.00088	0	%100
13	GSIP-6	X	-.003	-.003	0	%100
14	MP-1	X	-.002	-.002	0	%100
15	SA-1	X	-.005	-.005	0	%100
16	SA-2	X	-.001	-.001	0	%100
17	SA-3	X	-.003	-.003	0	%100

Member Distributed Loads (BLC 33 : 315 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
18	SF1-TH	X	-.000682	-.000682	0	%100
19	SF2-TH	X	-.003	-.003	0	%100
20	MP-2	X	-.002	-.002	0	%100
21	MP-4	X	-.002	-.002	0	%100
22	MP-3	X	-.002	-.002	0	%100
23	MP-9	X	-.002	-.002	0	%100
24	MP-10	X	-.002	-.002	0	%100
25	MP-12	X	-.002	-.002	0	%100
26	MP-11	X	-.002	-.002	0	%100
27	MP-5	X	-.002	-.002	0	%100
28	MP-6	X	-.002	-.002	0	%100
29	MP-8	X	-.002	-.002	0	%100
30	MP-7	X	-.002	-.002	0	%100
31	MP-13	X	-.002	-.002	0	%100
32	CP-1	Z	.006	.006	0	%100
33	CP-2	Z	.002	.002	0	%100
34	CP-3	Z	.004	.004	0	%100
35	FFTH	Z	.002	.002	0	%100
36	GSI-1	Z	.001	.001	0	%100
37	GSI-2	Z	.005	.005	0	%100
38	GSI-3	Z	.003	.003	0	%100
39	GSIP-1	Z	.002	.002	0	%100
40	GSIP-2	Z	.000958	.000958	0	%100
41	GSIP-3	Z	.004	.004	0	%100
42	GSIP-4	Z	.002	.002	0	%100
43	GSIP-5	Z	.000958	.000958	0	%100
44	GSIP-6	Z	.004	.004	0	%100
45	MP-1	Z	.002	.002	0	%100
46	SA-1	Z	.004	.004	0	%100
47	SA-2	Z	.001	.001	0	%100
48	SA-3	Z	.003	.003	0	%100
49	SF1-TH	Z	.0008	.0008	0	%100
50	SF2-TH	Z	.003	.003	0	%100
51	MP-2	Z	.002	.002	0	%100
52	MP-4	Z	.002	.002	0	%100
53	MP-3	Z	.002	.002	0	%100
54	MP-9	Z	.002	.002	0	%100
55	MP-10	Z	.002	.002	0	%100
56	MP-12	Z	.002	.002	0	%100
57	MP-11	Z	.002	.002	0	%100
58	MP-5	Z	.002	.002	0	%100
59	MP-6	Z	.002	.002	0	%100
60	MP-8	Z	.002	.002	0	%100
61	MP-7	Z	.002	.002	0	%100
62	MP-13	Z	.002	.002	0	%100

Member Distributed Loads (BLC 34 : 330 Wind - Ice)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-1	X	-.007	-.007	0	%100
2	CP-2	X	0	0	0	%100
3	CP-3	X	-.007	-.007	0	%100

Member Distributed Loads (BLC 34 : 330 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
4	FFTH	X	-.003	-.003	0	%100
5	GSI-1	X	0	0	0	%100
6	GSI-2	X	-.005	-.005	0	%100
7	GSI-3	X	-.005	-.005	0	%100
8	GSIP-1	X	-.004	-.004	0	%100
9	GSIP-2	X	0	0	0	%100
10	GSIP-3	X	-.004	-.004	0	%100
11	GSIP-4	X	-.004	-.004	0	%100
12	GSIP-5	X	0	0	0	%100
13	GSIP-6	X	-.004	-.004	0	%100
14	MP-1	X	-.003	-.003	0	%100
15	SA-1	X	-.006	-.006	0	%100
16	SA-2	X	-.003	-.003	0	%100
17	SA-3	X	-.002	-.002	0	%100
18	SF1-TH	X	0	0	0	%100
19	SF2-TH	X	-.003	-.003	0	%100
20	MP-2	X	-.003	-.003	0	%100
21	MP-4	X	-.003	-.003	0	%100
22	MP-3	X	-.003	-.003	0	%100
23	MP-9	X	-.003	-.003	0	%100
24	MP-10	X	-.003	-.003	0	%100
25	MP-12	X	-.003	-.003	0	%100
26	MP-11	X	-.003	-.003	0	%100
27	MP-5	X	-.003	-.003	0	%100
28	MP-6	X	-.003	-.003	0	%100
29	MP-8	X	-.003	-.003	0	%100
30	MP-7	X	-.003	-.003	0	%100
31	MP-13	X	-.003	-.003	0	%100
32	CP-1	Z	.004	.004	0	%100
33	CP-2	Z	0	0	0	%100
34	CP-3	Z	.003	.003	0	%100
35	FFTH	Z	.002	.002	0	%100
36	GSI-1	Z	0	0	0	%100
37	GSI-2	Z	.003	.003	0	%100
38	GSI-3	Z	.003	.003	0	%100
39	GSIP-1	Z	.002	.002	0	%100
40	GSIP-2	Z	0	0	0	%100
41	GSIP-3	Z	.002	.002	0	%100
42	GSIP-4	Z	.002	.002	0	%100
43	GSIP-5	Z	0	0	0	%100
44	GSIP-6	Z	.002	.002	0	%100
45	MP-1	Z	.002	.002	0	%100
46	SA-1	Z	.003	.003	0	%100
47	SA-2	Z	.002	.002	0	%100
48	SA-3	Z	.002	.002	0	%100
49	SF1-TH	Z	0	0	0	%100
50	SF2-TH	Z	.002	.002	0	%100
51	MP-2	Z	.002	.002	0	%100
52	MP-4	Z	.002	.002	0	%100
53	MP-3	Z	.002	.002	0	%100
54	MP-9	Z	.002	.002	0	%100
55	MP-10	Z	.002	.002	0	%100

Member Distributed Loads (BLC 34 : 330 Wind - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
56	MP-12	Z	.002	.002	0	%100
57	MP-11	Z	.002	.002	0	%100
58	MP-5	Z	.002	.002	0	%100
59	MP-6	Z	.002	.002	0	%100
60	MP-8	Z	.002	.002	0	%100
61	MP-7	Z	.002	.002	0	%100
62	MP-13	Z	.002	.002	0	%100

Member Distributed Loads (BLC 39 : BLC 1 Transient Area Loads)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-3	Y	-.002	-.002	.404	.721
2	GSI-3	Y	-.008	-.008	.502	4.498
3	GSIP-3	Y	-.0004936	-.005	0	.872
4	GSIP-3	Y	-.005	-.006	.872	1.744
5	GSIP-3	Y	-.006	-.006	1.744	2.616
6	GSIP-3	Y	-.006	-.008	2.616	3.487
7	GSIP-5	Y	-.008	-.006	.387	1.259
8	GSIP-5	Y	-.006	-.006	1.259	2.131
9	GSIP-5	Y	-.006	-.005	2.131	3.003
10	GSIP-5	Y	-.005	-.0004936	3.003	3.875
11	SA-3	Y	-.016	-.012	2.083	2.865
12	SA-3	Y	-.012	-.013	2.865	3.646
13	SA-3	Y	-.013	-.01	3.646	4.427
14	SA-3	Y	-.01	-.0003611	4.427	5.208
15	CP-1	Y	-.002	-.002	.404	.721
16	GSI-2	Y	-.008	-.008	.502	4.498
17	GSIP-2	Y	-.0004936	-.005	0	.872
18	GSIP-2	Y	-.005	-.006	.872	1.744
19	GSIP-2	Y	-.006	-.006	1.744	2.616
20	GSIP-2	Y	-.006	-.008	2.616	3.488
21	GSIP-4	Y	-.008	-.006	.388	1.259
22	GSIP-4	Y	-.006	-.006	1.259	2.131
23	GSIP-4	Y	-.006	-.005	2.131	3.003
24	GSIP-4	Y	-.005	-.0004936	3.003	3.875
25	SA-2	Y	-.016	-.012	2.083	2.865
26	SA-2	Y	-.012	-.013	2.865	3.646
27	SA-2	Y	-.013	-.01	3.646	4.427
28	SA-2	Y	-.01	-.0003611	4.427	5.208
29	CP-2	Y	-.002	-.002	.404	.721
30	GSI-1	Y	-.008	-.008	.502	4.498
31	GSIP-1	Y	-.0004936	-.005	0	.872
32	GSIP-1	Y	-.005	-.006	.872	1.744
33	GSIP-1	Y	-.006	-.006	1.744	2.616
34	GSIP-1	Y	-.006	-.008	2.616	3.488
35	GSIP-6	Y	-.008	-.006	.388	1.259
36	GSIP-6	Y	-.006	-.006	1.259	2.131
37	GSIP-6	Y	-.006	-.005	2.131	3.003
38	GSIP-6	Y	-.005	-.0004936	3.003	3.875
39	SA-1	Y	-.016	-.012	2.083	2.865
40	SA-1	Y	-.012	-.013	2.865	3.646
41	SA-1	Y	-.013	-.01	3.646	4.427

Member Distributed Loads (BLC 39 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
42	SA-1	Y	-.01	-.0003611	4.427	5.208

Member Distributed Loads (BLC 40 : BLC 18 Transient Area Loads)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	CP-3	Y	-.001	-.001	.404	.721
2	GSI-3	Y	-.006	-.006	.502	4.498
3	GSIP-3	Y	-.0004114	-.004	0	.872
4	GSIP-3	Y	-.004	-.005	.872	1.744
5	GSIP-3	Y	-.005	-.005	1.744	2.616
6	GSIP-3	Y	-.005	-.006	2.616	3.487
7	GSIP-5	Y	-.006	-.005	.387	1.259
8	GSIP-5	Y	-.005	-.005	1.259	2.131
9	GSIP-5	Y	-.005	-.004	2.131	3.003
10	GSIP-5	Y	-.004	-.0004114	3.003	3.875
11	SA-3	Y	-.014	-.01	2.083	2.865
12	SA-3	Y	-.01	-.011	2.865	3.646
13	SA-3	Y	-.011	-.009	3.646	4.427
14	SA-3	Y	-.009	-.0003009	4.427	5.208
15	CP-1	Y	-.001	-.001	.404	.721
16	GSI-2	Y	-.006	-.006	.502	4.498
17	GSIP-2	Y	-.0004114	-.004	0	.872
18	GSIP-2	Y	-.004	-.005	.872	1.744
19	GSIP-2	Y	-.005	-.005	1.744	2.616
20	GSIP-2	Y	-.005	-.006	2.616	3.488
21	GSIP-4	Y	-.006	-.005	.388	1.259
22	GSIP-4	Y	-.005	-.005	1.259	2.131
23	GSIP-4	Y	-.005	-.004	2.131	3.003
24	GSIP-4	Y	-.004	-.0004114	3.003	3.875
25	SA-2	Y	-.014	-.01	2.083	2.865
26	SA-2	Y	-.01	-.011	2.865	3.646
27	SA-2	Y	-.011	-.009	3.646	4.427
28	SA-2	Y	-.009	-.0003009	4.427	5.208
29	CP-2	Y	-.001	-.001	.404	.721
30	GSI-1	Y	-.006	-.006	.502	4.498
31	GSIP-1	Y	-.0004114	-.004	0	.872
32	GSIP-1	Y	-.004	-.005	.872	1.744
33	GSIP-1	Y	-.005	-.005	1.744	2.616
34	GSIP-1	Y	-.005	-.006	2.616	3.488
35	GSIP-6	Y	-.006	-.005	.388	1.259
36	GSIP-6	Y	-.005	-.005	1.259	2.131
37	GSIP-6	Y	-.005	-.004	2.131	3.003
38	GSIP-6	Y	-.004	-.0004114	3.003	3.875
39	SA-1	Y	-.014	-.01	2.083	2.865
40	SA-1	Y	-.01	-.011	2.865	3.646
41	SA-1	Y	-.011	-.009	3.646	4.427
42	SA-1	Y	-.009	-.0003009	4.427	5.208

Member Area Loads (BLC 1 : Dead)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N81	N79	N74	N75	Y	Two Way	-.012
2	N73	N78	N76	N72	Y	Two Way	-.012
3	N70	N77	N80	N71	Y	Two Way	-.012

Member Area Loads (BLC 18 : Ice Weight)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N75	N81	N79	N74	Y	Two Way	-.01
2	N73	N78	N76	N72	Y	Two Way	-.01
3	N70	N77	N80	N71	Y	Two Way	-.01

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	N82	max	1.446	18	3.371	45	1.875	21	-.82	6	1.701	33	4.484	43
2		min	-1.446	10	.498	5	-1.875	13	-7.712	45	-1.701	9	.43	3
3	N83	max	1.357	18	4.066	39	2.003	22	9.432	39	1.813	27	5.502	42
4		min	-1.358	10	.62	96	-2.003	14	1.083	14	-1.813	3	.606	17
5	SA3	max	2.146	18	3.423	34	1.267	22	.143	5	1.72	22	-1.065	10
6		min	-2.145	10	.51	10	-1.267	14	-.323	45	-1.72	14	-9.316	34
7	Totals:	max	4.949	18	10.693	49	4.955	22						
8		min	-4.949	10	1.757	83	-4.955	14						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pnc...	phi*Pnt [k]	phi*Mn y-y [k...	phi*M...	Cb	Eqn
1	SA-2	HSS4X4X4	.693	0	42	.113	0	y	42	84.566	139.518	16.181	16.181	2...	H1-1b
2	SA-3	HSS4X4X4	.588	0	47	.111	0	y	47	84.566	139.518	16.181	16.181	2...	H1-1b
3	SA-1	HSS4X4X4	.569	0	42	.092	0	y	42	84.566	139.518	16.181	16.181	2...	H1-1b
4	MP-1	PIPE_2.0	.353	3.5	26	.028	3.5		26	16.812	32.13	1.872	1.872	1...	H1-1b
5	SF1-TH	PIPE_3.0	.351	7.682	45	.082	4.6...		21	28.251	65.205	5.749	5.749	1...	H1-1b
6	FFTH	PIPE_3.0	.347	4.818	34	.078	7.8...		26	28.251	65.205	5.749	5.749	1...	H1-1b
7	MP-9	PIPE_2.0	.343	3.5	21	.027	3.5		21	16.812	32.13	1.872	1.872	1...	H1-1b
8	MP-5	PIPE_2.0	.343	3.5	31	.027	3.5		31	16.812	32.13	1.872	1.872	1...	H1-1b
9	SF2-TH	PIPE_3.0	.324	7.682	40	.081	4.6...		31	28.251	65.205	5.749	5.749	1...	H1-1b
10	CP-2	PL 6x1/2	.304	.562	27	.178	0	y	26	94.29	97.2	1.012	12.15	1...	H1-1b
11	CP-1	PL 6x1/2	.302	.562	30	.168	0	y	21	94.297	97.2	1.012	12.15	1...	H1-1b
12	CP-3	PL 6x1/2	.301	.562	25	.166	0	y	31	94.29	97.2	1.012	12.15	1...	H1-1b
13	MP-12	PIPE_2.0	.294	3.5	21	.020	3.5		21	16.812	32.13	1.872	1.872	1...	H1-1b
14	MP-11	PIPE_2.0	.294	3.5	21	.020	3.5		21	16.812	32.13	1.872	1.872	1...	H1-1b
15	MP-7	PIPE_2.0	.294	3.5	31	.020	3.5		31	16.812	32.13	1.872	1.872	1...	H1-1b
16	MP-2	PIPE_2.0	.293	3.5	26	.020	3.5		26	16.812	32.13	1.872	1.872	1...	H1-1b
17	MP-6	PIPE_2.0	.293	3.5	31	.020	3.5		31	16.812	32.13	1.872	1.872	1...	H1-1b
18	MP-8	PIPE_2.0	.284	3.5	31	.020	3.5		31	16.812	32.13	1.872	1.872	1...	H1-1b
19	MP-4	PIPE_2.0	.284	3.5	26	.020	3.5		26	16.812	32.13	1.872	1.872	1...	H1-1b
20	MP-3	PIPE_2.0	.283	3.5	26	.020	3.5		26	16.812	32.13	1.872	1.872	1...	H1-1b
21	MP-10	PIPE_2.0	.283	3.5	21	.020	3.5		21	16.812	32.13	1.872	1.872	1...	H1-1b
22	GSI-2	HSS4X4X4	.203	2.5	42	.094	4.74	z	29	135.916	139.518	16.181	16.181	1...	H1-1b
23	GSIP-3	L2x2x3	.198	1.937	32	.006	3.8...	z	39	11.025	23.393	.558	1.095	1...	H2-1
24	GSIP-1	L2x2x3	.197	1.938	27	.007	3.8...	z	66	11.025	23.393	.558	1.19	1...	H2-1

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pnc...	phi*Pnt [k]	phi*Mn y-y [k...	phi*M...	Cb	Eqn
25	GSIP-2	L2x2x3	.194	1.938	22	.007	3.8...	z	42	11.025	23.393	.558	1.125	1...	H2-1
26	GSI-3	HSS4X4X4	.194	2.5	48	.093	.26	z	23	135.916	139.518	16.181	16.181	1...	H1-1b
27	GSI-1	HSS4X4X4	.193	2.5	43	.093	.26	z	18	135.916	139.518	16.181	16.181	1...	H1-1b
28	GSIP-5	L2x2x3	.174	1.937	20	.007	0	z	37	11.025	23.393	.558	1.095	1...	H2-1
29	GSIP-6	L2x2x3	.172	1.938	30	.007	0	z	48	11.025	23.393	.558	1.125	1...	H2-1
30	GSIP-4	L2x2x3	.171	1.938	25	.007	0	z	43	11.025	23.393	.558	1.19	1...	H2-1
31	MP-13	PIPE_2.0	.120	3	21	.022	3		21	19.964	32.13	1.872	1.872	2...	H1-1b

Envelope None Cold Formed Steel Code Checks

Member	Shape	Code Check	Loc[ft]	LC	She...	Loc[...	Dir	LC	Pn[k]	Tn[k]	Mnyy[...	Mnzz[...	Cb	Cmyy	Cmzz	Eqn
No Data to Print ...																

APPENDIX D

ADDITIONAL CALCULATIONS

Job Name: Newington_1 (BU 826217)
Job Number: TEP # 25651.275018
Calc: DJB Check: PRS
Date: 7/10/2019

Moment Bolt Group - Support Arm

Bolt Size:	0.625	in
# Bolts:	4	
Plate Width:	10	in
Plate Height:	10	in
Bolt H Gap:	7	in
Bolt V Gap:	7	in
Plate T:	0.625	in
Slip Member Ø:	N/A	in
Bolt Grade:	A325N	
Fu_{bolt}:	120	ksi
r:	4.9497	in
J:	98.00	in^4/in^2
$Bolt_{Area}$:	0.307	in^2
$Bolt_{Area, Net Tensile}$:	0.226	in^2
Pretension:	19	kips
Slotted Holes:	No	

Code Checks Per ANSI/TIA-222-H:

Bolt Capacity =	**47.6%**	**PASS**
Plate Capacity =	**90.2%**	**PASS**

Plate Bending

Horizontal Member height: 4 in
Horizontal Member width: 4 in

Plate Fy: 36 ksi

My =	4.9701	k - in	Z_y =	0.977	in^3	S_y =	0.651	in^3
Mz =	28.5328	k - in	Z_z =	0.977	in^3	S_z =	0.651	in^3

$ØMp_y$ (Z):	31.641	k - in
$ØMp_y$ (S):	33.750	k - in
$ØMp_z$ (Z):	31.641	k - in
$ØMp_z$ (S):	33.750	k - in

Date: **July 16, 2019**

B+T GRP

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

Rebecca Klein
Crown Castle
3530 Toringdon Way
Charlotte, NC 28277

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Carrier Site Number:	76307
	Carrier Site Name:	Berlin Kensington CT
Crown Castle Designation:	**Crown Castle BU Number:**	826217
	Crown Castle Site Name:	Newington_1
	Crown Castle JDE Job Number:	581679
	Crown Castle Work Order Number:	1762750
	Crown Castle Order Number:	498392 Rev. 0
Engineering Firm Designation:	**B+T Group Project Number:**	87581.023.01
Site Data:	**240 Kensington Road, Berlin, Hartford County, CT** **Latitude *41° 37' 34.3"*, Longitude *-72° 46' 32.33"*** **191.667 Foot - Monopole**	

Dear Rebecca Klein,

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

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

LC7: Proposed Equipment Configuration **Sufficient Capacity**

The analysis has been performed in accordance with the TIA-222-H standard and IBC 2012 based upon a wind speed of 125 mph 3-second gust, exposure category B with topographic category 1 and crest height of 0 feet.

Structural analysis prepared by: John Landon

Respectfully submitted by: B+T Engineering, Inc.

COA: PEC.0001564 Expires: 02/10/2020

STATE OF CONNECTICUT
No. 23924
LICENSED
PROFESSIONAL ENGINEER

7/16/19

Chad E. Tuttle, P.E. tnxTower

Report - version 8.0.5.0

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1) INTRODUCTION

This tower is a 191.6 ft. Monopole designed by PiROD Manufactures and mapped by TEP in May of 2015. The tower was originally designed for a wind speed of 80 mph per TIA/EIA-222-F. This tower was modified multiple times to accommodate additional loading.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	125 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	2 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
160.0	160.0	2	Andrew	LNX-6514DS-A1M	7	1-5/8
		4	Commscope	LNX-8513DS-A1M		
		6	Commscope	NNHH-65B-R4		
		1	RFS Celwave	DB-T1-6Z-8AB-0Z		
		3	Samsung Telecom.	RFV01U-D1A		
		3	Samsung Telecom.	RFV01U-D2A		
		1	--	Platform Mount [LP 303-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
191.0	191.0	1	--	Side Arm Mount [SO 701-1]	1	5/16
	190.0	1	Motorola	WB2623		
184.0	188.0	1	Kathrein	OGB4-900D	15 1	1-5/8 7/8
	184.0	1	--	Platform Mount [LP 405-1]		
	181.0	3	Commscope	ATBT-BOTTOM-24V		
		3	Ericsson	AIR -32 B2A/B66AA		
		3	Ericsson	KRY 112 144/1		
		3	Ericsson	KRY 112 489/2		
		3	Ericsson	RADIO 4449 B12/B71		
		3	RFS Celwave	APX16DWV-16DWVS-E-A20		
		3	RFS Celwave	APXVAARR24_43-U-NA20		
	179.0	1	Andrew	DB589-A		
158.0	158.0	1	Decibel	DB205-A	2	7/8
		1	Sinclair	SRL-224NM-4		
		2	--	Side Arm Mount [SO 702-1]		
151.0	151.0	3	Andrew	SBNH-1D6565C		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		3	CCI Antennas	TPA-65R-LCUUUU-H8	12	1-1/4
		3	Comm Comp Inc.	DTMABP7819VG12A		
		3	Ericsson	RRUS 32		
		3	Ericsson	RRUS 32 B2		
		3	Kaelus	DBC0062F3V52-1		
		3	Powerwave Tech.	7770.00		
		1	Raycap	DC6-48-60-18-8F		
		9	--	2.5" Std Pipe Masts		
		1	Site Pro 1	PRK-1245		
		3	--	2.5" Std Pipe Handrail		
		1	--	Platform Mount [LP 403-1]		
150.0	152.0	3	Ericsson	RRUS 12	2	3/4
		1	Raycap	DC6-48-60-18-8F	1	3/8
	150.0	3	Ericsson	RRUS 11		
		1	--	Pipe Mount [PM 601-3]		
		1	--	Side Arm Mount [SO 102-3]		
132.0	132.0	1	Sinclair	SRL-235-2	1	7/8
		1	--	Side Arm Mount [SO 702-1]		
124.0	124.0	1	Decibel	PCS 1900 TMA RX	--	--
		1	--	Side Arm Mount [SO 104-3]		
116.0	120.0	1	Andrew	VHLP2-18	3	1-5/8
	118.0	6	Alcatel Lucent	800MHZ 2X50W RRH	1	1-1/2
		3	Alcatel Lucent	PCS 1900MHZ 4X45W-65MHZ	1	1/2
		3	Commscope	NNVV-65B-R4		
		3	Nokia	AAHC		
	116.0	1	Dragonwave	HORIZON DUO		
		3	Site Pro1	PRK-HD		
		1	--	Platform Mount [LP 405-1]		
90.0	99.0	1	Decibel	DB205-A	1	7/8
	90.0	1	Andrew	KP2F-34	2	1/2
		1	MTI Wireless Edge	MT-485002	1	5/16
		2	--	Side Arm Mount [SO 702-1]		
70.0	70.0	1	Sinclair	SRL-235-2	2	7/8
		1	--	Side Arm Mount [SO 701-1]		
33.0	33.0	1	Decibel	DB909XVTE-M	2	1/2
		1	--	Side Arm Mount [SO 702-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Remarks	Reference	Source
Online Order Information	Verizon Wireless Co-Locate, Rev# 0	498392	CCI Sites
Tower Manufacturer Drawing	PiROD, File No. A-115400	3438498	CCI Sites
Tower Mapping	TEP, Project No. 25651-57340	3438498	CCI Sites
Mount Analysis Report	TEP, Project No. 25651.275018	8521102	CCI Sites
Mount Analysis Report	B+T Group, Project No. 87581.021.01 Date: 07/01/2019	8506409	CCI Sites
Tower Modification Drawing	Natcomm Inc., Date: 03/18/2008	3678661	CCI Sites
Tower Modification Drawing	B+T Group, Project No. 87581.005.01 Date: 10/17/2014	4003976	CCI Sites
Post Modification Inspection	SGS, Date: 01/08/2015	5493013	CCI Sites
Tower Modification Drawing	B+T Group, Project No. 87581.012.01 Date: 06/16/2015	5753424	CCI Sites
Post Modification Inspection	SGS, Date: 10/21/2015	5947973	CCI Sites
Foundation Drawing	Pirod, File No. A-115400	3463552	CCI Sites
Geotech Report	French & Parrello, Job No. 98A209ERI	3438510	CCI Sites
	FDH, Project No. 1307031600		
Antenna Configuration	Crown CAD Package	Date: 06/26/2019	CCI Sites

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.

3.2) Assumptions

1) The tower and structures were built and have been maintained in accordance with the manufacturer's specification.
2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.
3) Mount areas and weights are assumed based on photographs provided.
4) The existing base plate grout was considered in this analysis. Grout must be maintained and inspected periodically, and must be replaced if damaged or cracked. Refer to crown document ENG-BUL-10122, Tower Base Plate Grout Inspection and Classification.

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	191.67 - 186.67	Pole	P18x0.375	1	-0.640	--	0.7	Pass
L2	186.67 - 181.57	Pole	P24x0.375	2	-11.581	--	1.6	Pass
L3	181.57 - 176.57	Pole	P24x0.375	3	-5.762	--	5.6	Pass
L4	176.57 - 171.57	Pole	P24x0.375	4	-6.450	--	9.9	Pass
L5	171.57 - 166.57	Pole	P24x0.375	5	-7.141	--	14.5	Pass
L6	166.57 - 161.57	Pole	P24x0.375	6	-7.834	--	19.2	Pass
L7	161.57 - 156.57	Pole	P24x0.375	7	-12.294	--	27.3	Pass
L8	156.57 - 151.57	Pole	P24x0.375	8	-13.045	--	36.5	Pass
L9	151.57 - 146.57	Pole	P24x0.375	9	-18.937	--	50.6	Pass
L10	146.57 - 141.57	Pole	P24x0.375	10	-19.806	--	65.1	Pass
L11	141.57 - 141.42	Pole	P24x0.375	11	-19.840	--	65.5	Pass
L12	141.42 - 136.42	Pole	P36x0.375	12	-20.970	--	37.8	Pass
L13	136.42 - 131.42	Pole	P36x0.375	13	-22.552	--	45.0	Pass
L14	131.42 - 126.42	Pole	P36x0.375	14	-23.712	--	52.3	Pass
L15	126.42 - 121.42	Pole	P36x0.375	15	-25.921	--	60.0	Pass
L16	121.42 - 121.17	Pole	P36x0.375	16	-25.996	--	60.4	Pass
L17	121.17 - 116.17	Pole	P42x0.375	17	-27.464	--	51.2	Pass
L18	116.17 - 111.17	Pole	P42x0.375	18	-32.770	--	58.6	Pass
L19	111.17 - 110.04	Pole	P42x0.375	19	-33.081	--	60.2	Pass
L20	110.04 - 109.79	Pole + Reinf.	P42x0.4875	20	-33.170	--	47.0	Pass
L21	109.79 - 105.08	Pole + Reinf.	P42x0.4875	21	-34.791	--	52.3	Pass
L22	105.08 - 104.83	Pole + Reinf.	P42x0.5625	22	-34.902	--	47.7	Pass
L23	104.83 - 100.92	Pole + Reinf.	P42x0.5625	23	-37.327	--	51.9	Pass
L24	100.92 - 100.67	Pole	P48x0.375	24	-37.437	--	57.6	Pass
L25	100.67 - 95.83	Pole	P48x0.375	25	-39.273	--	63.4	Pass
L26	95.83 - 95.58	Pole + Reinf.	P48x0.475	26	-39.370	--	50.7	Pass
L27	95.58 - 90.58	Pole + Reinf.	P48x0.475	27	-41.151	--	55.6	Pass
L28	90.58 - 89.92	Pole + Reinf.	P48x0.475	28	-41.887	--	56.3	Pass
L29	89.92 - 89.67	Pole + Reinf.	P48x0.575	29	-42.001	--	47.0	Pass
L30	89.67 - 84.67	Pole + Reinf.	P48x0.575	30	-44.836	--	51.3	Pass
L31	84.67 - 80.83	Pole + Reinf.	P48x0.575	31	-48.016	--	54.8	Pass
L32	80.83 - 80.33	Pole + Reinf.	P54x0.55	32	-48.398	--	46.0	Pass
L33	80.33 - 80.08	Pole + Reinf.	P54x0.4875	33	-48.539	--	52.0	Pass
L34	80.08 - 75.08	Pole + Reinf.	P54x0.4875	34	-51.016	--	56.3	Pass
L35	75.08 - 70.08	Pole + Reinf.	P54x0.4875	35	-53.919	--	60.8	Pass
L36	70.08 - 69.5	Pole + Reinf.	P54x0.4875	36	-54.599	--	61.3	Pass
L37	69.5 - 69.25	Pole + Reinf.	P54x0.5875	37	-54.787	--	50.9	Pass
L38	69.25 - 64.25	Pole + Reinf.	P54x0.5875	38	-61.154	--	54.8	Pass
L39	64.25 - 60.58	Pole + Reinf.	P54x0.5875	39	-66.334	--	57.8	Pass
L40	60.58 - 60.33	Pole + Reinf.	P60x0.5125	40	-66.540	--	54.3	Pass
L41	60.33 - 55.33	Pole + Reinf.	P60x0.5125	41	-70.324	--	58.1	Pass
L42	55.33 - 52.17	Pole + Reinf.	P60x0.5125	42	-71.817	--	60.6	Pass
L43	52.17 - 51.92	Pole + Reinf.	P60x0.625	43	-71.963	--	50.8	Pass
L44	51.92 - 46.92	Pole + Reinf.	P60x0.625	44	-75.064	--	54.1	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L45	46.92 - 41.92	Pole + Reinf.	P60x0.625	45	-79.037	--	57.5	Pass
L46	41.92 - 40.33	Pole + Reinf.	P60x0.625	46	-80.285	--	58.6	Pass
L47	40.33 - 40.08	Pole + Reinf.	P60x0.6	47	-80.478	--	59.3	Pass
L48	40.08 - 35.08	Pole + Reinf.	P60x0.6	48	-84.151	--	62.8	Pass
L49	35.08 - 30.08	Pole + Reinf.	P60x0.6	49	-87.481	--	66.5	Pass
L50	30.08 - 28	Pole + Reinf.	P60x0.6	50	-88.606	--	68.0	Pass
L51	28 - 27.75	Pole + Reinf.	P60x0.725	51	-88.772	--	57.2	Pass
L52	27.75 - 22.75	Pole + Reinf.	P60x0.725	52	-92.893	--	60.4	Pass
L53	22.75 - 20.08	Pole + Reinf.	P60x0.725	53	-95.121	--	62.1	Pass
L54	20.08 - 19.83	Pole	P60x0.625	54	-95.320	--	69.3	Pass
L55	19.83 - 17	Pole	P60x0.625	55	-97.470	--	71.3	Pass
L56	17 - 16.75	Pole + Reinf.	P60x0.725	56	-97.696	--	61.8	Pass
L57	16.75 - 11.65	Pole + Reinf.	P60x0.75	57	-101.930	--	63.5	Pass
L58	11.65 - 11.42	Pole + Reinf.	P60x0.75	58	-102.094	--	63.7	Pass
L59	11.42 - 9.4	Pole + Reinf.	P60x0.75	59	-103.448	--	64.9	Pass
L60	9.4 - 9.15	Pole + Reinf.	P60x0.8	60	-103.630	--	64.6	Pass
L61	9.15 - 4.83	Pole + Reinf.	P60x0.8	61	-106.631	--	67.3	Pass
L62	4.83 - 4.58	Pole + Reinf.	P60x0.75	62	-106.810	--	68.8	Pass
L63	4.58 - 0	Pole + Reinf.	P60x0.75	63	-109.954	--	71.7	Pass
							Summary	
						Pole	71.7	Pass
						Reinforcement	69.8	Pass
						Overall	71.7	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Flange Connection	181.583	1.3	Pass
1	Flange Connection	141.417	42.6	Pass
1	Bridge Stiffener	121.167	64.2	Pass
	Flange Connections		53.2	Pass
1	Bridge Stiffener	100.917	62.7	Pass
	Flange Connections		39.3	Pass
1	Bridge Stiffener	80.833	60.1	Pass
	Flange Connections		38.7	Pass
1	Bridge Stiffener	60.583	43.6	Pass
	Flange Connections		34.5	Pass
1	Existing Bridge Stiffener	40.333	52.1	Pass
	New Bridge Stiffener		39.9	Pass
	Flange Connections		51.7	Pass
1	Existing Bridge Stiffener	20.083	48.6	Pass
	New Bridge Stiffener		38.6	Pass
	Flange Connections		69.1	Pass
1	Anchor Rods	Base	42.2	Pass
1	Base Plate	Base	77.8	Pass
1	Base Foundation (Structure)	Base	74.0	Pass
1	Base Foundation (Soil Interaction)	Base	70.6	Pass

Structure Rating (max from all components) =	**77.8%**

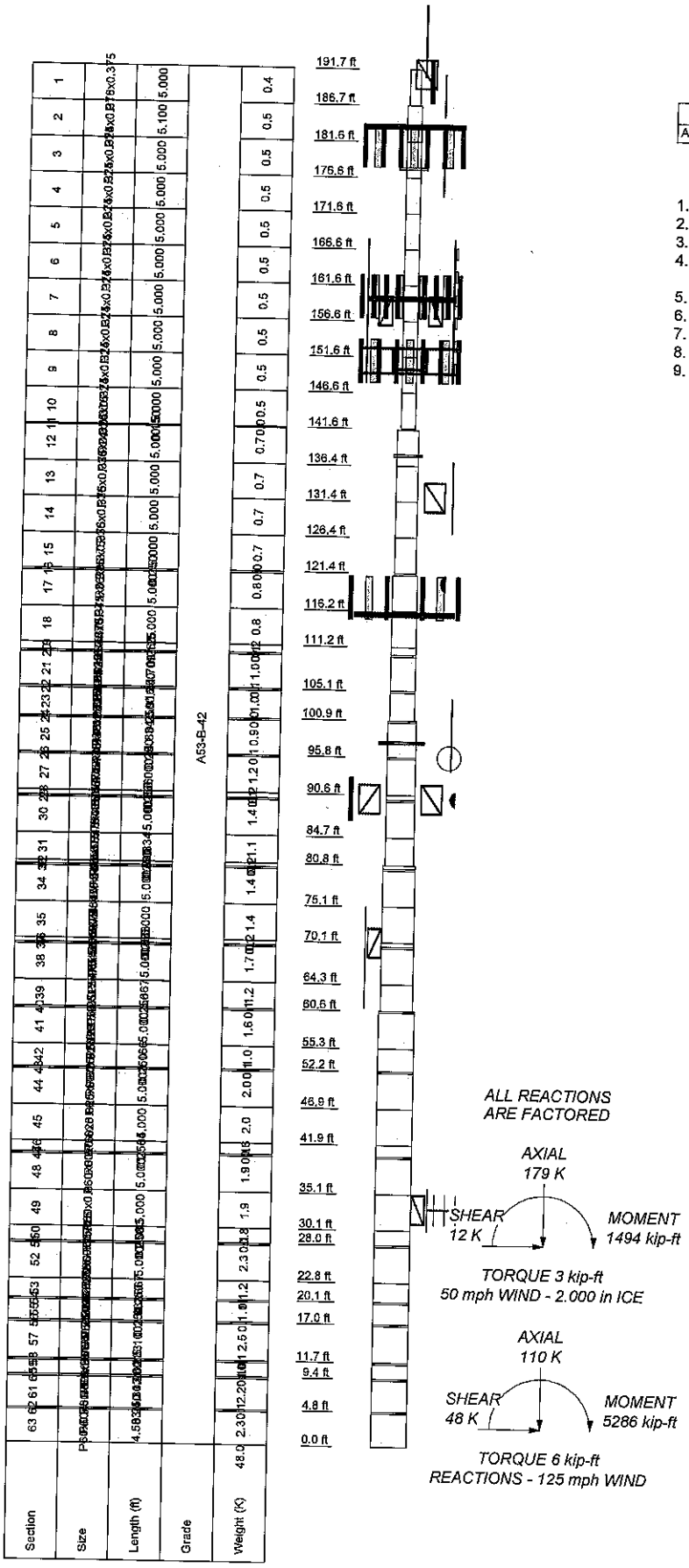
Notes:
1) See additional documentation in "Appendix C – Additional Calculations" for calculations supporting the % capacity consumed.
2) Rating per TIA-222-H Section 15.5

4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT



MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A53-B-42	42 ksi	63 ksi			

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 125 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 2.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. TIA-222-H Annex S
9. TOWER RATING: 71.7%

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

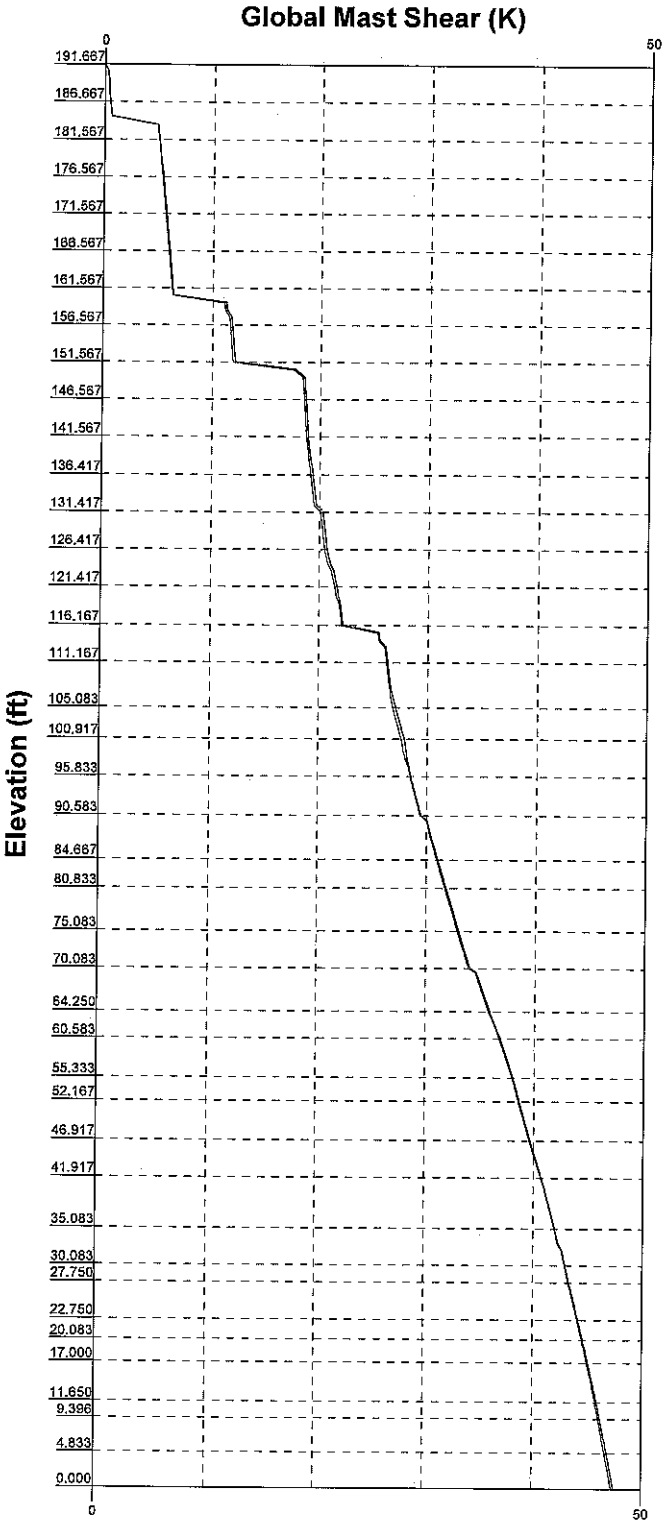
Job: 87581.023.01 - Newington_1, CT (BU# 826217			
Project:			
Client: Crown Castle	Drawn by: Pavan Upadhya	App'd:	
Code: TIA-222-H	Date: 07/13/19	Scale: NTS	
Path:		Dwg No. E-1	

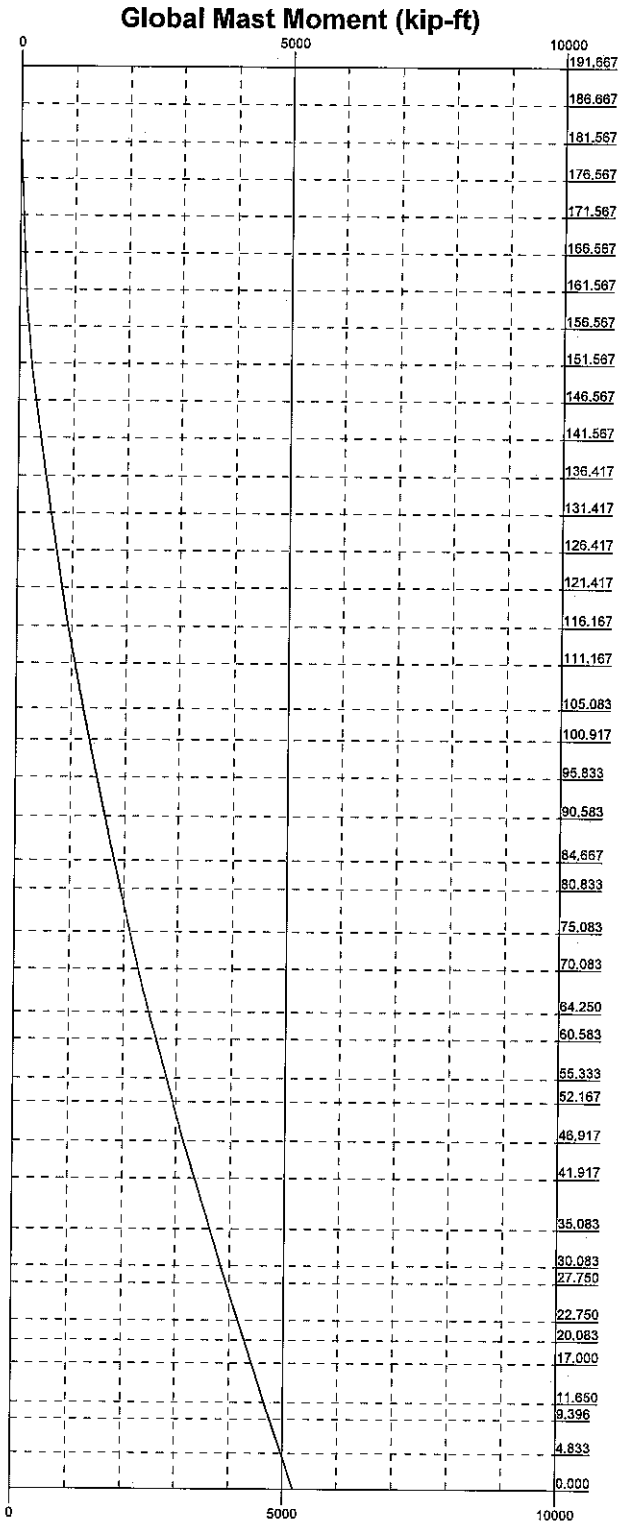
TIA-222-H - 125 mph/50 mph 2.000 in Ice Exposure B

Vx Vz

Maximum Values

Mx Mz

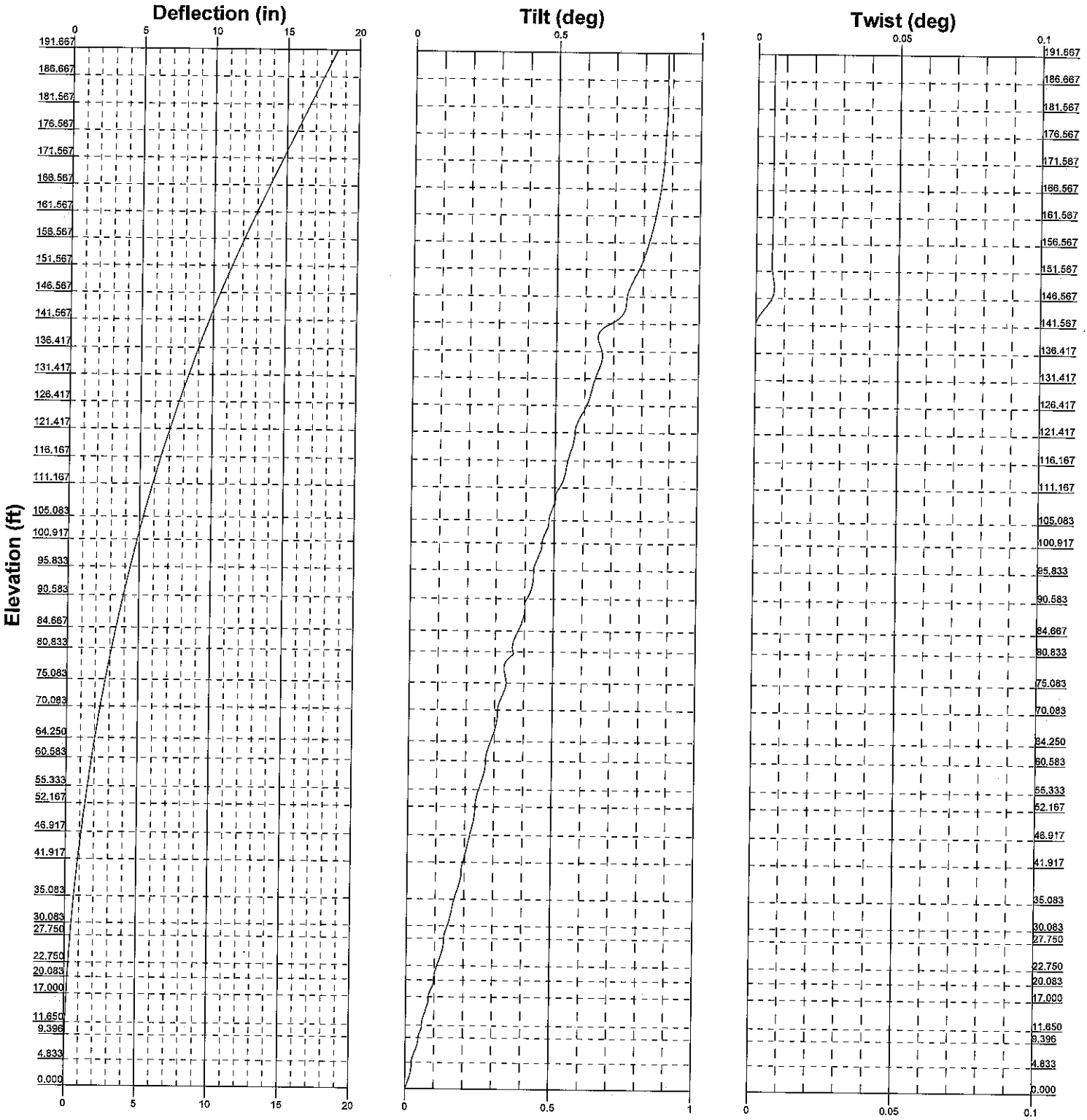




B+T GRP	B+T Group 1717 S, Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX:	Job: 87581.023.01 - Newington_1, CT (BU# 826217	
		Project:	
		Client: Crown Castle / Drawn by: Pavan Upadhya	App'd:
		Code: TIA-222-H / Date: 07/13/19	Scale: NTS
		Path:	Dwg No. E-4

TIA-222-H - Service - 60 mph

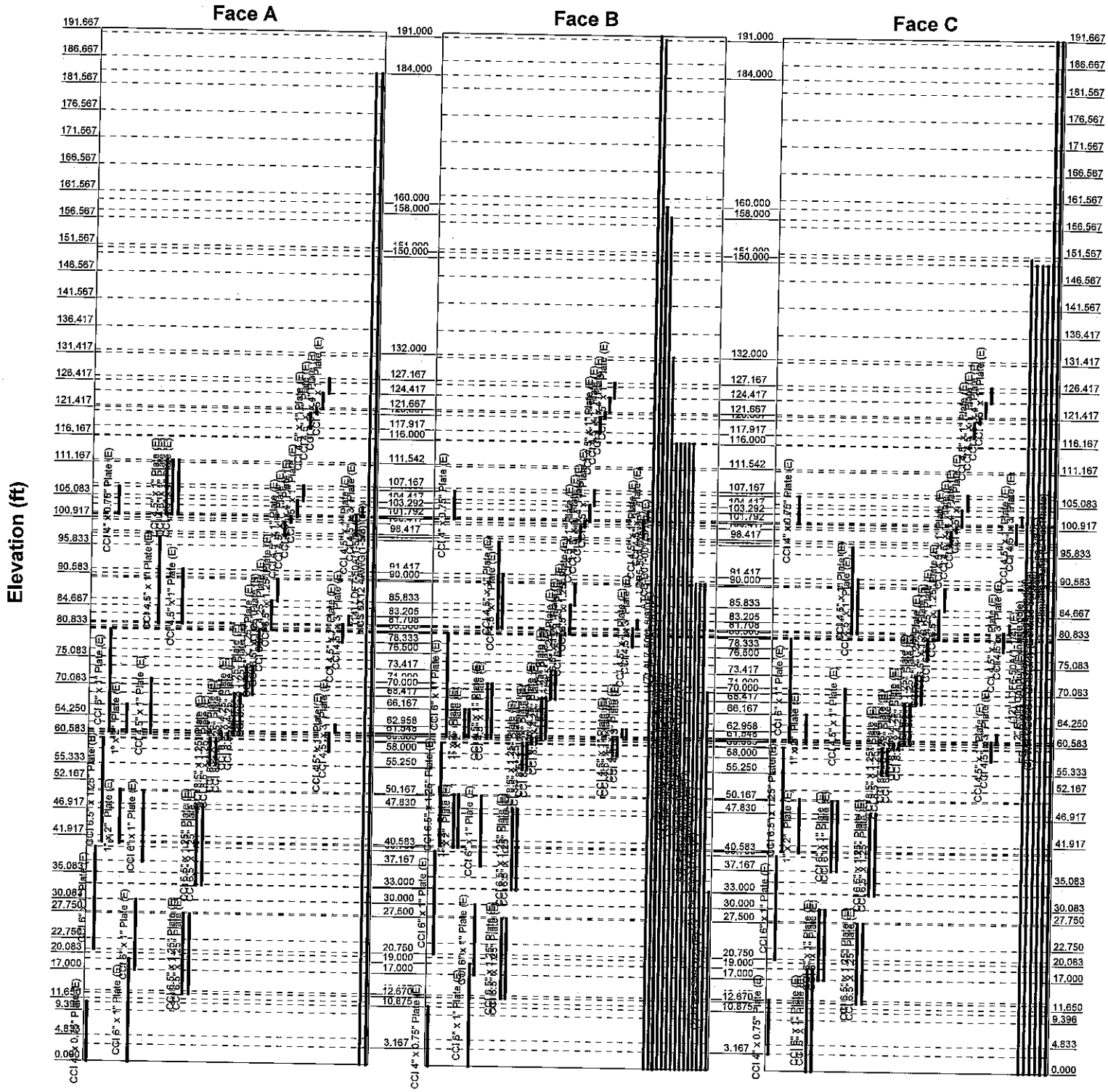
Maximum Values



B+T Group 1717 S, Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX:	Job: 87581.023.01 - Newington_1, CT (BU# 826211		
	Project:		
	Client: Crown Castle	Drawn by: Pavan Upadhya	App'd:
	Code: TIA-222-H	Date: 07/13/19	Scale: NTS
	Path:		Dwg No. E-5

Feed Line Distribution Chart
0' - 191'8"

Round Flat App In Face App Out Face Truss Leg



B+T GRP	**B+T Group** 1717 S, Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX:	Job: **87581.023.01 - Newington_1, CT (BU# 826217**	
		Project:	
		Client: Crown Castle	Drawn by: Pavan Upadhya	App'd:
		Code: TIA-222-H	Date: 07/13/19	Scale: NTS
		Path:		Dwg No. E-7

Tower Input Data

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

Tower is located in Hartford County, Connecticut.
Tower base elevation above sea level: 133.000 ft.
Basic wind speed of 125 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.000 ft.
Nominal ice thickness of 2.000 in.
Ice thickness is considered to increase with height.
Ice density of 56.000 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50.000 °F.
Deflections calculated using a wind speed of 60 mph.
TIA-222-H Annex S.
TOWER RATING: 71.7%.
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
Consider Moments - Horizontals
Consider Moments - Diagonals
Use Moment Magnification
Use Code Stress Ratios
√ Use Code Safety Factors - Guys
Escalate Ice
Always Use Max Kz
Use Special Wind Profile
Include Bolts In Member Capacity
Leg Bolts Are At Top Of Section
Secondary Horizontal Braces Leg
Use Diamond Inner Bracing (4 Sided)
SR Members Have Cut Ends
SR Members Are Concentric

Distribute Leg Loads As Uniform
Assume Legs Pinned
√ Assume Rigid Index Plate
√ Use Clear Spans For Wind Area
Use Clear Spans For KL/r
Retension Guys To Initial Tension
√ Bypass Mast Stability Checks
√ Use Azimuth Dish Coefficients
√ Project Wind Area of Appurt.
Autocalc Torque Arm Areas
Add IBC .6D+W Combination
Sort Capacity Reports By Component
Triangulate Diamond Inner Bracing
Treat Feed Line Bundles As Cylinder
Ignore KL/ry For 60 Deg. Angle Legs

Use ASCE 10 X-Brace Ly Rules
Calculate Redundant Bracing Forces
Ignore Redundant Members in FEA
SR Leg Bolts Resist Compression
All Leg Panels Have Same Allowable
Offset Girt At Foundation
√ Consider Feed Line Torque
Include Angle Block Shear Check
Use TIA-222-H Bracing Resist. Exemption
Use TIA-222-H Tension Splice Exemption
Poles
√ Include Shear-Torsion Interaction
Always Use Sub-Critical Flow
Use Top Mounted Sockets
Pole Without Linear Attachments
Pole With Shroud Or No Appurtenances
Outside and Inside Corner Radii Are Known

Pole Section Geometry

Section	Elevation ft	Section Length ft	Pole Size	Pole Grade	Socket Length ft
L1	191.667-186.667	5.000	P18x0.375	A53-B-42 (42 ksi)	
L2	186.667-181.567	5.100	P24x0.375	A53-B-42 (42 ksi)	
L3	181.567-176.567	5.000	P24x0.375	A53-B-42 (42 ksi)	
L4	176.567-171.567	5.000	P24x0.375	A53-B-42 (42 ksi)	
L5	171.567-166.567	5.000	P24x0.375	A53-B-42 (42 ksi)	
L6	166.567-161.567	5.000	P24x0.375	A53-B-42 (42 ksi)	
L7	161.567-156.567	5.000	P24x0.375	A53-B-42 (42 ksi)	
L8	156.567-151.567	5.000	P24x0.375	A53-B-42 (42 ksi)	
L9	151.567-146.567	5.000	P24x0.375	A53-B-42 (42 ksi)	
L10	146.567-141.567	5.000	P24x0.375	A53-B-42 (42 ksi)	
L11	141.567-141.417	0.150	P24x0.375	A53-B-42 (42 ksi)	
L12	141.417-136.417	5.000	P36x0.375	A53-B-42 (42 ksi)	
L13	136.417-131.417	5.000	P36x0.375	A53-B-42 (42 ksi)	
L14	131.417-126.417	5.000	P36x0.375	A53-B-42 (42 ksi)	
L15	126.417-121.417	5.000	P36x0.375	A53-B-42 (42 ksi)	
L16	121.417-121.167	0.250	P36x0.375	A53-B-42 (42 ksi)	
L17	121.167-116.167	5.000	P42x0.375	A53-B-42 (42 ksi)	
L18	116.167-111.167	5.000	P42x0.375	A53-B-42 (42 ksi)	
L19	111.167-110.042	1.125	P42x0.375	A53-B-42 (42 ksi)	
L20	110.042-109.792	0.250	P42x0.4875	A53-B-42 (42 ksi)	
L21	109.792-105.083	4.709	P42x0.4875	A53-B-42 (42 ksi)	
L22	105.083-104.833	0.250	P42x0.5625	A53-B-42 (42 ksi)	
L23	104.833-100.917	3.916	P42x0.5625	A53-B-42 (42 ksi)	
L24	100.917-100.667	0.250	P48x0.375	A53-B-42 (42 ksi)	
L25	100.667-95.833	4.834	P48x0.375	A53-B-42 (42 ksi)	
L26	95.833-95.583	0.250	P48x0.475	A53-B-42 (42 ksi)	
L27	95.583-90.583	5.000	P48x0.475	A53-B-42 (42 ksi)	
L28	90.583-89.917	0.666	P48x0.475	A53-B-42 (42 ksi)	
L29	89.917-89.667	0.250	P48x0.575	A53-B-42 (42 ksi)	

Section	Elevation ft	Section Length ft	Pole Size	Pole Grade	Socket Length ft
L30	89.667-84.667	5.000	P48x0.575	A53-B-42 (42 ksi)	
L31	84.667-80.833	3.834	P48x0.575	A53-B-42 (42 ksi)	
L32	80.833-80.333	0.500	P54x0.55	A53-B-42 (42 ksi)	
L33	80.333-80.083	0.250	P54x0.4875	A53-B-42 (42 ksi)	
L34	80.083-75.083	5.000	P54x0.4875	A53-B-42 (42 ksi)	
L35	75.083-70.083	5.000	P54x0.4875	A53-B-42 (42 ksi)	
L36	70.083-69.500	0.583	P54x0.4875	A53-B-42 (42 ksi)	
L37	69.500-69.250	0.250	P54x0.5875	A53-B-42 (42 ksi)	
L38	69.250-64.250	5.000	P54x0.5875	A53-B-42 (42 ksi)	
L39	64.250-60.583	3.667	P54x0.5875	A53-B-42 (42 ksi)	
L40	60.583-60.333	0.250	P60x0.5125	A53-B-42 (42 ksi)	
L41	60.333-55.333	5.000	P60x0.5125	A53-B-42 (42 ksi)	
L42	55.333-52.167	3.166	P60x0.5125	A53-B-42 (42 ksi)	
L43	52.167-51.917	0.250	P60x0.625	A53-B-42 (42 ksi)	
L44	51.917-46.917	5.000	P60x0.625	A53-B-42 (42 ksi)	
L45	46.917-41.917	5.000	P60x0.625	A53-B-42 (42 ksi)	
L46	41.917-40.333	1.584	P60x0.625	A53-B-42 (42 ksi)	
L47	40.333-40.083	0.250	P60x0.6	A53-B-42 (42 ksi)	
L48	40.083-35.083	5.000	P60x0.6	A53-B-42 (42 ksi)	
L49	35.083-30.083	5.000	P60x0.6	A53-B-42 (42 ksi)	
L50	30.083-28.000	2.083	P60x0.6	A53-B-42 (42 ksi)	
L51	28.000-27.750	0.250	P60x0.725	A53-B-42 (42 ksi)	
L52	27.750-22.750	5.000	P60x0.725	A53-B-42 (42 ksi)	
L53	22.750-20.083	2.667	P60x0.725	A53-B-42 (42 ksi)	
L54	20.083-19.833	0.250	P60x0.625	A53-B-42 (42 ksi)	
L55	19.833-17.000	2.833	P60x0.625	A53-B-42 (42 ksi)	
L56	17.000-16.750	0.250	P60x0.725	A53-B-42 (42 ksi)	
L57	16.750-11.650	5.100	P60x0.75	A53-B-42 (42 ksi)	
L58	11.650-11.417	0.233	P60x0.75	A53-B-42 (42 ksi)	
L59	11.417-9.396	2.021	P60x0.75	A53-B-42 (42 ksi)	
L60	9.396-9.146	0.250	P60x0.8	A53-B-42	

Section	Elevation ft	Section Length ft	Pole Size	Pole Grade	Socket Length ft
L61	9.146-4.833	4.313	P60x0.8	(42 ksi) A53-B-42 (42 ksi)	
L62	4.833-4.583	0.250	P60x0.75	A53-B-42 (42 ksi)	
L63	4.583-0.000	4.583	P60x0.75	A53-B-42 (42 ksi)	

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 191.667-186.667				1	1	1			
L2 186.667-181.567				1	1	1			
L3 181.567-176.567				1	1	1			
L4 176.567-171.567				1	1	1			
L5 171.567-166.567				1	1	1			
L6 166.567-161.567				1	1	1			
L7 161.567-156.567				1	1	1			
L8 156.567-151.567				1	1	1			
L9 151.567-146.567				1	1	1			
L10 146.567-141.567				1	1	1			
L11 141.567-141.417				1	1	1			
L12 141.417-136.417				1	1	1			
L13 136.417-131.417				1	1	1			
L14 131.417-126.417				1	1	1			
L15 126.417-121.417				1	1	1			

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
L16 121.417-121.167				1	1	1			
L17 121.167-116.167				1	1	1			
L18 116.167-111.167				1	1	1			
L19 111.167-110.042				1	1	1			
L20 110.042-109.792				1	1	0.983655			
L21 109.792-105.083				1	1	0.983655			
L22 105.083-104.833				1	1	0.976951			
L23 104.833-100.917				1	1	0.976951			
L24 100.917-100.667				1	1	1			
L25 100.667-95.833				1	1	1			
L26 95.833-95.583				1	1	0.981492			
L27 95.583-90.583				1	1	0.981492			
L28 90.583-89.917				1	1	0.981492			
L29 89.917-89.667				1	1	0.97009			
L30 89.667-84.667				1	1	0.97009			
L31 84.667-80.833				1	1	0.97009			
L32 80.833-80.333				1	1	0.976401			
L33 80.333-80.083				1	1	0.990478			
L34 80.083-75.083				1	1	0.990478			
L35 75.083-70.083				1	1	0.990478			
L36 70.083-69.500				1	1	0.990478			
L37 69.500-69.250				1	1	1.00601			
L38 69.250-64.250				1	1	1.00601			
L39 64.250-60.583				1	1	1.00601			
L40				1	1	0.987891			

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
60.583-60.333									
L41				1	1	0.987891			
60.333-55.333									
L42				1	1	0.987891			
55.333-52.167									
L43				1	1	1.01747			
52.167-51.917									
L44				1	1	1.01747			
51.917-46.917									
L45				1	1	1.01747			
46.917-41.917									
L46				1	1	1.01747			
41.917-40.333									
L47				1	1	0.995499			
40.333-40.083									
L48				1	1	0.995499			
40.083-35.083									
L49				1	1	0.995499			
35.083-30.083									
L50				1	1	0.995499			
30.083-28.000									
L51				1	1	1.00337			
28.000-27.750									
L52				1	1	1.00337			
27.750-22.750									
L53				1	1	1.00337			
22.750-20.083									
L54				1	1	1			
20.083-19.833									
L55				1	1	1			
19.833-17.000									
L56				1	1	1.04129			
17.000-16.750									
L57				1	1	1.02849			
16.750-11.650									
L58				1	1	1.02849			
11.650-11.417									
L59				1	1	1.02849			
11.417-9.396									
L60				1	1	1.00535			
9.396-9.146									
L61				1	1	1.00535			
9.146-4.833									
L62				1	1	1.04998			
4.833-4.583									
L63				1	1	1.04998			
4.583-0.000									

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
* Reinforcement Plates*										

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
CCI 4" x 0.75" Plate (E)	A	No	Surface Af (CaAa)	10.875 - 0.000	1	1	0.400 0.450	4.000	9.500	0.000
CCI 4" x 0.75" Plate (E)	B	No	Surface Af (CaAa)	10.875 - 0.000	1	1	-0.250 -0.200	4.000	9.500	0.000
CCI 4" x 0.75" Plate (E) ***LW***	C	No	Surface Af (CaAa)	13.167 - 3.167	1	1	0.250 0.300	4.000	9.500	0.000
CCI 6" x 1" Plate (E)	A	No	Surface Af (CaAa)	39.750 - 20.750	1	1	0.400 0.500	6.000	14.000	0.000
CCI 6" x 1" Plate (E)	B	No	Surface Af (CaAa)	39.750 - 20.750	1	1	0.400 0.500	6.000	14.000	0.000
CCI 6" x 1" Plate (E) ***LW***	C	No	Surface Af (CaAa)	39.750 - 20.750	1	1	0.400 0.500	6.000	14.000	0.000
CCI 6.5" x 1.25" Plate (E)	A	No	Surface Af (CaAa)	59.917 - 40.833	1	1	-0.450 -0.400	6.500	15.500	0.000
CCI 6.5" x 1.25" Plate (E)	B	No	Surface Af (CaAa)	59.917 - 40.833	1	1	-0.450 -0.400	6.500	15.500	0.000
CCI 6.5" x 1.25" Plate (E) ***LW***	C	No	Surface Af (CaAa)	59.917 - 40.833	1	1	-0.400 -0.350	6.500	15.500	0.000
CCI 6" x 1" Plate (E)	A	No	Surface Af (CaAa)	80.167 - 61.167	1	1	-0.450 -0.400	6.000	14.000	0.000
CCI 6" x 1" Plate (E)	B	No	Surface Af (CaAa)	80.167 - 61.167	1	1	-0.350 -0.300	6.000	14.000	0.000
CCI 6" x 1" Plate (E) ***LW***	C	No	Surface Af (CaAa)	80.167 - 61.167	1	1	-0.450 -0.400	6.000	14.000	0.000
CCI 4" x 0.75" Plate (E)	A	No	Surface Af (CaAa)	106.583 - 101.583	1	1	-0.500 -0.450	4.000	9.500	0.000
CCI 4" x 0.75" Plate (E)	B	No	Surface Af (CaAa)	106.583 - 101.583	1	1	-0.500 -0.450	4.000	9.500	0.000
CCI 4" x 0.75" Plate (E) ***LW***	C	No	Surface Af (CaAa)	106.583 - 101.583	1	1	-0.500 -0.450	4.000	9.500	0.000
1" x 2" Plate (E)	A	No	Surface Af (CaAa)	50.417 - 40.583	1	1	-0.450 -0.400	1.000	6.000	0.007
1" x 2" Plate (E)	B	No	Surface Af (CaAa)	50.417 - 40.583	1	1	-0.350 -0.300	1.000	6.000	0.007
1" x 2" Plate (E)	B	No	Surface Af (CaAa)	50.417 - 40.583	1	1	0.200 0.250	1.000	6.000	0.007
1" x 2" Plate (E) ***LW***	C	No	Surface Af (CaAa)	50.417 - 40.583	1	1	-0.350 -0.300	1.000	6.000	0.007
1" x 2" Plate (E)	A	No	Surface Af (CaAa)	66.167 - 61.083	1	1	-0.350 -0.300	1.000	6.000	0.007
1" x 2" Plate (E)	B	No	Surface Af (CaAa)	66.167 - 61.083	1	1	-0.450 -0.400	1.000	6.000	0.007
1" x 2" Plate (E)	B	No	Surface Af (CaAa)	66.167 - 61.083	1	1	0.300 0.350	1.000	6.000	0.007
1" x 2" Plate (E) ***LW***	C	No	Surface Af (CaAa)	66.167 - 61.083	1	1	-0.450 -0.400	1.000	6.000	0.007
CCI 6" x 1" Plate (E)	A	No	Surface Af (CaAa)	19.000 - 0.000	1	1	0.300 0.350	6.000	14.000	0.000
CCI 6" x 1" Plate (E)	B	No	Surface Af (CaAa)	19.000 - 0.000	1	1	0.400 0.450	6.000	14.000	0.000
CCI 6" x 1" Plate (E)	C	No	Surface Af (CaAa)	19.000 - 0.000	1	1	0.450 0.500	6.000	14.000	0.000
CCI 6" x 1" Plate	C	No	Surface Af	19.000 -	1	1	-0.500	6.000	14.000	0.000

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
(E)			(CaAa)	0.000			-0.450			
LW										
CCI 6" x 1" Plate	A	No	Surface Af	30.000 -	1	1	-0.150	6.000	14.000	0.000
(E)			(CaAa)	17.000			-0.100			
CCI 6" x 1" Plate	B	No	Surface Af	30.000 -	1	1	-0.450	6.000	14.000	0.000
(E)			(CaAa)	17.000			-0.400			
CCI 6" x 1" Plate	C	No	Surface Af	30.000 -	1	1	0.350	6.000	14.000	0.000
(E)			(CaAa)	17.000			0.400			
CCI 6" x 1" Plate	C	No	Surface Af	30.000 -	1	1	-0.500	6.000	14.000	0.000
(E)			(CaAa)	17.000			-0.450			
LW										
CCI 6" x 1" Plate	A	No	Surface Af	50.167 -	1	1	0.250	6.000	14.000	0.000
(E)			(CaAa)	37.167			0.300			
CCI 6" x 1" Plate	B	No	Surface Af	50.167 -	1	1	0.100	6.000	14.000	0.000
(E)			(CaAa)	37.167			0.150			
CCI 6" x 1" Plate	C	No	Surface Af	50.167 -	1	1	-0.400	6.000	14.000	0.000
(E)			(CaAa)	37.167			-0.350			
CCI 6" x 1" Plate	C	No	Surface Af	50.167 -	1	1	0.450	6.000	14.000	0.000
(E)			(CaAa)	37.167			0.500			
LW										
CCI 4.5" x 1" Plate	A	No	Surface Af	71.000 -	1	1	-0.250	4.500	11.000	0.000
(E)			(CaAa)	61.000			-0.200			
CCI 4.5" x 1" Plate	B	No	Surface Af	71.000 -	1	1	-0.450	4.500	11.000	0.000
(E)			(CaAa)	61.000			-0.400			
CCI 4.5" x 1" Plate	B	No	Surface Af	71.000 -	1	1	0.400	4.500	11.000	0.000
(E)			(CaAa)	61.000			0.450			
CCI 4.5" x 1" Plate	C	No	Surface Af	71.000 -	1	1	0.350	4.500	11.000	0.000
(E)			(CaAa)	61.000			0.400			
LW										
CCI 4.5" x 1" Plate	A	No	Surface Af	97.333 -	1	1	-0.500	4.500	11.000	0.000
(E)			(CaAa)	81.333			-0.450			
CCI 4.5" x 1" Plate	B	No	Surface Af	97.333 -	1	1	-0.500	4.500	11.000	0.000
(E)			(CaAa)	81.333			-0.450			
CCI 4.5" x 1" Plate	C	No	Surface Af	97.333 -	1	1	-0.500	4.500	11.000	0.000
(E)			(CaAa)	81.333			-0.450			
LW										
CCI 4.5" x 1" Plate	A	No	Surface Af	111.542 -	1	1	-0.350	4.500	11.000	0.000
(E)			(CaAa)	101.542			-0.300			
CCI 4.5" x 1" Plate	A	No	Surface Af	111.542 -	1	1	-0.350	4.500	11.000	0.000
(E)			(CaAa)	101.542			-0.300			
CCI 4.5" x 1" Plate	A	No	Surface Af	111.542 -	1	1	-0.350	4.500	11.000	0.000
(E)			(CaAa)	101.542			-0.300			
LW										
CCI 4.5" x 1" Plate	A	No	Surface Af	91.417 -	1	1	-0.150	4.500	11.000	0.000
(E)			(CaAa)	81.417			-0.100			
CCI 4.5" x 1" Plate	B	No	Surface Af	91.417 -	1	1	-0.150	4.500	11.000	0.000
(E)			(CaAa)	81.417			-0.100			
CCI 4.5" x 1" Plate	C	No	Surface Af	91.417 -	1	1	-0.150	4.500	11.000	0.000
(E)			(CaAa)	81.417			-0.100			
LW										
* BS*										
CCI 6.5" x 1.25" Plate	A	No	Surface Af	27.500 -	1	1	0.400	6.500	15.500	0.028
(E)			(CaAa)	12.670			0.450			
CCI 6.5" x 1.25" Plate	A	No	Surface Af	27.500 -	1	1	-0.250	6.500	15.500	0.028
(E)			(CaAa)	12.670			-0.200			
CCI 6.5" x 1.25" Plate	B	No	Surface Af	27.500 -	1	1	0.450	6.500	15.500	0.028
(E)			(CaAa)	12.670			0.500			
CCI 6.5" x 1.25" Plate	B	No	Surface Af	27.500 -	1	1	-0.250	6.500	15.500	0.028
(E)			(CaAa)	12.670			-0.200			
CCI 6.5" x 1.25" Plate	C	No	Surface Af	27.500 -	1	1	0.350	6.500	15.500	0.028

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
(E)			(CaAa)	12.670			0.400			
CCI 6.5" x 1.25" Plate	C	No	Surface Af	27.500 -	1	1	-0.250	6.500	15.500	0.028
(E)			(CaAa)	12.670			-0.200			
LW										
CCI 6.5" x 1.25" Plate	A	No	Surface Af	47.830 -	1	1	0.400	6.500	15.500	0.028
(E)			(CaAa)	32.830			0.450			
CCI 6.5" x 1.25" Plate	A	No	Surface Af	47.830 -	1	1	-0.400	6.500	15.500	0.028
(E)			(CaAa)	32.830			-0.350			
CCI 6.5" x 1.25" Plate	B	No	Surface Af	47.830 -	1	1	-0.400	6.500	15.500	0.028
(E)			(CaAa)	32.830			-0.350			
CCI 6.5" x 1.25" Plate	B	No	Surface Af	47.830 -	1	1	-0.250	6.500	15.500	0.028
(E)			(CaAa)	32.830			-0.200			
CCI 6.5" x 1.25" Plate	C	No	Surface Af	47.830 -	1	1	-0.400	6.500	15.500	0.028
(E)			(CaAa)	32.830			0.350			
CCI 6.5" x 1.25" Plate	C	No	Surface Af	47.830 -	1	1	-0.250	6.500	15.500	0.028
(E)			(CaAa)	32.830			-0.200			
LW										
CCI 8.5" x 1.25" Plate	A	No	Surface Af	60.083 -	1	1	0.200	8.500	19.500	0.036
(E)			(CaAa)	55.250			0.250			
CCI 8.5" x 1.25" Plate	A	No	Surface Af	60.083 -	1	1	-0.400	8.500	19.500	0.036
(E)			(CaAa)	55.250			-0.350			
CCI 8.5" x 1.25" Plate	B	No	Surface Af	60.083 -	1	1	0.150	8.500	19.500	0.036
(E)			(CaAa)	55.250			0.200			
CCI 8.5" x 1.25" Plate	B	No	Surface Af	60.083 -	1	1	-0.350	8.500	19.500	0.036
(E)			(CaAa)	55.250			-0.300			
CCI 8.5" x 1.25" Plate	C	No	Surface Af	60.083 -	1	1	0.100	8.500	19.500	0.036
(E)			(CaAa)	55.250			0.150			
CCI 8.5" x 1.25" Plate	C	No	Surface Af	60.083 -	1	1	-0.500	8.500	19.500	0.036
(E)			(CaAa)	55.250			-0.450			
LW										
CCI 8.5" x 1.25" Plate	A	No	Surface Af	61.083 -	1	1	0.200	8.500	19.500	0.036
(E)			(CaAa)	60.083			0.250			
CCI 8.5" x 1.25" Plate	A	No	Surface Af	61.083 -	1	1	-0.400	8.500	19.500	0.036
(E)			(CaAa)	60.083			-0.350			
CCI 8.5" x 1.25" Plate	B	No	Surface Af	61.083 -	1	1	0.150	8.500	19.500	0.036
(E)			(CaAa)	60.083			0.200			
CCI 8.5" x 1.25" Plate	B	No	Surface Af	61.083 -	1	1	-0.350	8.500	19.500	0.036
(E)			(CaAa)	60.083			-0.300			
CCI 8.5" x 1.25" Plate	C	No	Surface Af	61.083 -	1	1	0.100	8.500	19.500	0.036
(E)			(CaAa)	60.083			0.150			
CCI 8.5" x 1.25" Plate	C	No	Surface Af	61.083 -	1	1	-0.500	8.500	19.500	0.036
(E)			(CaAa)	60.083			-0.450			
LW										
CCI 8.5" x 4.25" Plate	A	No	Surface Af	68.417 -	1	1	0.200	8.500	25.500	0.123
(E)			(CaAa)	61.083			0.250			
CCI 8.5" x 4.25" Plate	A	No	Surface Af	68.417 -	1	1	-0.400	8.500	25.500	0.123
(E)			(CaAa)	61.083			-0.350			
CCI 8.5" x 4.25" Plate	B	No	Surface Af	68.417 -	1	1	0.150	8.500	25.500	0.123
(E)			(CaAa)	61.083			0.200			
CCI 8.5" x 4.25" Plate	B	No	Surface Af	68.417 -	1	1	-0.350	8.500	25.500	0.123
(E)			(CaAa)	61.083			-0.300			
CCI 8.5" x 4.25" Plate	C	No	Surface Af	68.417 -	1	1	0.100	8.500	25.500	0.123
(E)			(CaAa)	61.083			0.150			
CCI 8.5" x 4.25" Plate	C	No	Surface Af	68.417 -	1	1	-0.500	8.500	25.500	0.123
(E)			(CaAa)	61.083			-0.450			
LW										
CCI 8.5" x 1.25" Plate	A	No	Surface Af	73.417 -	1	1	0.200	8.500	19.500	0.036
(E)			(CaAa)	68.417			0.250			
CCI 8.5" x 1.25" Plate	A	No	Surface Af	73.417 -	1	1	-0.400	8.500	19.500	0.036
(E)			(CaAa)	68.417			-0.350			

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
CCI 8.5" x 1.25" Plate (E)	B	No	Surface Af (CaAa)	73.417 - 68.417	1	1	0.150 0.200	8.500	19.500	0.036
CCI 8.5" x 1.25" Plate (E)	B	No	Surface Af (CaAa)	73.417 - 68.417	1	1	-0.350 -0.300	8.500	19.500	0.036
CCI 8.5" x 1.25" Plate (E)	C	No	Surface Af (CaAa)	73.417 - 68.417	1	1	0.100 0.150	8.500	19.500	0.036
CCI 8.5" x 1.25" Plate (E)	C	No	Surface Af (CaAa)	73.417 - 68.417	1	1	-0.500 -0.450	8.500	19.500	0.036
LW										
CCI 6.5" x 1.25" Plate (E)	A	No	Surface Af (CaAa)	80.333 - 76.500	1	1	0.050 0.100	6.500	15.500	0.028
CCI 6.5" x 1.25" Plate (E)	B	No	Surface Af (CaAa)	80.333 - 76.500	1	1	0.000 0.050	6.500	15.500	0.028
CCI 6.5" x 1.25" Plate (E)	C	No	Surface Af (CaAa)	80.333 - 76.500	1	1	0.150 0.200	6.500	15.500	0.028
LW										
CCI 6.5" x 1.25" Plate (E)	A	No	Surface Af (CaAa)	80.500 - 80.333	1	1	0.050 0.100	6.500	15.500	0.028
CCI 6.5" x 1.25" Plate (E)	B	No	Surface Af (CaAa)	80.500 - 80.333	1	1	0.000 0.050	6.500	15.500	0.028
CCI 6.5" x 1.25" Plate (E)	C	No	Surface Af (CaAa)	80.500 - 80.333	1	1	0.150 0.200	6.500	15.500	0.028
LW										
CCI 6.5" x 4.25" Plate (E)	A	No	Surface Af (CaAa)	85.833 - 80.500	1	1	0.050 0.100	6.500	21.500	0.094
CCI 6.5" x 4.25" Plate (E)	B	No	Surface Af (CaAa)	85.833 - 80.500	1	1	0.000 0.050	6.500	21.500	0.094
CCI 6.5" x 4.25" Plate (E)	C	No	Surface Af (CaAa)	85.833 - 80.500	1	1	0.150 0.200	6.500	21.500	0.094
LW										
CCI 6.5" x 1.25" Plate (E)	A	No	Surface Af (CaAa)	89.750 - 85.833	1	1	0.050 0.100	6.500	15.500	0.028
CCI 6.5" x 1.25" Plate (E)	B	No	Surface Af (CaAa)	89.750 - 85.833	1	1	0.000 0.050	6.500	15.500	0.028
CCI 6.5" x 1.25" Plate (E)	C	No	Surface Af (CaAa)	89.750 - 85.833	1	1	0.150 0.200	6.500	15.500	0.028
LW										
CCI 4.5" x 1" Plate (E)	A	No	Surface Af (CaAa)	100.417 - 97.917	1	1	-0.150 -0.100	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	B	No	Surface Af (CaAa)	100.417 - 97.917	1	1	-0.100 -0.050	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	C	No	Surface Af (CaAa)	100.417 - 97.917	1	1	-0.100 -0.050	4.500	11.000	0.015
LW										
CCI 4.5" x 1" Plate (E)	A	No	Surface Af (CaAa)	101.417 - 100.417	1	1	-0.150 -0.100	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	B	No	Surface Af (CaAa)	101.417 - 100.417	1	1	-0.100 -0.050	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	C	No	Surface Af (CaAa)	101.417 - 100.417	1	1	-0.100 -0.050	4.500	11.000	0.015
LW										
CCI 4.5" x 4" Plate (E)	A	No	Surface Af (CaAa)	104.417 - 101.417	1	1	-0.150 -0.100	4.500	17.000	0.061
CCI 4.5" x 4" Plate (E)	B	No	Surface Af (CaAa)	104.417 - 101.417	1	1	-0.100 -0.050	4.500	17.000	0.061
CCI 4.5" x 4" Plate (E)	C	No	Surface Af (CaAa)	104.417 - 101.417	1	1	-0.100 -0.050	4.500	17.000	0.061
LW										
CCI 4.5" x 1" Plate (E)	A	No	Surface Af (CaAa)	107.167 - 104.417	1	1	-0.150 -0.100	4.500	11.000	0.015

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
CCI 4.5" x 1" Plate (E)	B	No	Surface Af (CaAa)	107.167 - 104.417	1	1	-0.100 -0.050	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	C	No	Surface Af (CaAa)	107.167 - 104.417	1	1	-0.100 -0.050	4.500	11.000	0.015
LW										
CCI 4.5" x 1" Plate (E)	A	No	Surface Af (CaAa)	120.667 - 117.917	1	1	-0.150 -0.100	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	B	No	Surface Af (CaAa)	120.667 - 117.917	1	1	-0.100 -0.050	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	C	No	Surface Af (CaAa)	120.667 - 117.917	1	1	-0.200 -0.150	4.500	11.000	0.015
LW										
CCI 4.5" x 1" Plate (E)	A	No	Surface Af (CaAa)	121.667 - 120.667	1	1	-0.150 -0.100	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	B	No	Surface Af (CaAa)	121.667 - 120.667	1	1	-0.100 -0.050	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	C	No	Surface Af (CaAa)	121.667 - 120.667	1	1	-0.200 -0.150	4.500	11.000	0.015
LW										
CCI 4.5" x 4" Plate (E)	A	No	Surface Af (CaAa)	124.417 - 121.667	1	1	-0.150 -0.100	4.500	17.000	0.061
CCI 4.5" x 4" Plate (E)	B	No	Surface Af (CaAa)	124.417 - 121.667	1	1	-0.100 -0.050	4.500	17.000	0.061
CCI 4.5" x 4" Plate (E)	C	No	Surface Af (CaAa)	124.417 - 121.667	1	1	-0.200 -0.150	4.500	17.000	0.061
LW										
CCI 4.5" x 1" Plate (E)	A	No	Surface Af (CaAa)	127.167 - 124.417	1	1	-0.150 -0.100	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	B	No	Surface Af (CaAa)	127.167 - 124.417	1	1	-0.100 -0.050	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	C	No	Surface Af (CaAa)	127.167 - 124.417	1	1	-0.200 -0.150	4.500	11.000	0.015
LW										
CCI 4.5" x 1" Plate (E)	A	No	Surface Af (CaAa)	61.458 - 58.000	1	1	-0.250 -0.200	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	B	No	Surface Af (CaAa)	61.458 - 58.000	1	1	-0.450 -0.400	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	B	No	Surface Af (CaAa)	61.458 - 58.000	1	1	0.400 0.450	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	C	No	Surface Af (CaAa)	61.458 - 58.000	1	1	0.350 0.400	4.500	11.000	0.015
LW										
CCI 4.5" x 3" Plate (E)	A	No	Surface Af (CaAa)	62.958 - 61.548	1	1	-0.250 -0.200	4.500	15.000	0.046
CCI 4.5" x 3" Plate (E)	B	No	Surface Af (CaAa)	62.958 - 61.548	1	1	-0.450 -0.400	4.500	15.000	0.046
CCI 4.5" x 3" Plate (E)	B	No	Surface Af (CaAa)	62.958 - 61.548	1	1	0.400 0.450	4.500	15.000	0.046
CCI 4.5" x 3" Plate (E)	C	No	Surface Af (CaAa)	62.958 - 61.548	1	1	0.350 0.400	4.500	15.000	0.046
LW										
CCI 4.5" x 1" Plate (E)	A	No	Surface Af (CaAa)	81.708 - 78.333	1	1	-0.500 -0.450	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	B	No	Surface Af (CaAa)	81.708 - 78.333	1	1	-0.500 -0.450	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	C	No	Surface Af (CaAa)	81.708 - 78.333	1	1	-0.500 -0.450	4.500	11.000	0.015
LW										
CCI 4.5" x 3" Plate (E)	A	No	Surface Af (CaAa)	83.205 - 81.708	1	1	-0.500 -0.450	4.500	15.000	0.046

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
CCI 4.5" x 3" Plate (E)	B	No	Surface Af (CaAa)	83.205 - 81.708	1	1	-0.500 -0.450	4.500	15.000	0.046
CCI 4.5" x 3" Plate (E) ***LW***	C	No	Surface Af (CaAa)	83.205 - 81.708	1	1	-0.500 -0.450	4.500	15.000	0.046
CCI 4.5" x 1" Plate (E)	A	No	Surface Af (CaAa)	101.792 - 98.417	1	1	0.300 0.350	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E)	B	No	Surface Af (CaAa)	101.792 - 98.417	1	1	0.300 0.350	4.500	11.000	0.015
CCI 4.5" x 1" Plate (E) ***LW***	C	No	Surface Af (CaAa)	101.792 - 98.417	1	1	0.300 0.350	4.500	11.000	0.015
CCI 4.5" x 3" Plate (E)	A	No	Surface Af (CaAa)	103.292 - 101.792	1	1	0.300 0.350	4.500	15.000	0.046
CCI 4.5" x 3" Plate (E)	B	No	Surface Af (CaAa)	103.292 - 101.792	1	1	0.300 0.350	4.500	15.000	0.046
CCI 4.5" x 3" Plate (E)	C	No	Surface Af (CaAa)	103.292 - 101.792	1	1	0.300 0.350	4.500	15.000	0.046
HCS 6X12 4AWG(1-5/8) (1R) ***LW***	A	No	Surface Ar (CaAa)	184.000 - 0.000	1	1	-0.320 -0.300	1.660		0.002
AL7-50(1-5/8) (E) ***LW***	B	No	Surface Ar (CaAa)	160.000 - 0.000	7	7	-0.320 -0.050	1.960		0.001
Safety Line 3/8 (E)	C	No	Surface Ar (CaAa)	191.667 - 0.000	1	1	0.000 0.010	0.375		0.000
Climbing Rung (E-Per Photo) ***LW***	C	No	Surface Ar (CaAa)	191.667 - 0.000	1	1	-0.050 0.050	1.000		0.008

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight klf
LW									
LW									
LDF5-50A(7/8) (E)	B	No	No	Inside Pole	191.667 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
LW									
ATCB-B01-001(5/16) (E)	B	No	No	Inside Pole	191.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
LW									
LDF7-50A(1-5/8) (E)	A	No	No	Inside Pole	184.000 - 0.000	14	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
LW									
LDF5-50A(7/8) (E)	B	No	No	Inside Pole	158.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft²/ft	Weight klf
LW									
LDF6-50A(1-1/4) (E)	C	No	No	Inside Pole	151.000 - 0.000	12	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
2" Rigid Conduit (E-inside pole)	C	No	No	Inside Pole	150.000 - 0.000	1	No Ice	0.000	0.003
							1/2" Ice	0.000	0.003
							1" Ice	0.000	0.003
							2" Ice	0.000	0.003
FB-L98B-034-XXX(3/8) (E-inside conduit)	C	No	No	Inside Pole	150.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
WR-VG86ST-BRD(3/4) (E-inside conduit)	C	No	No	Inside Pole	150.000 - 0.000	2	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
LW									
LDF5-50A(7/8) (E)	B	No	No	Inside Pole	132.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
LW									
2-1/4" Rigid Conduit (E-per photo)	B	No	No	Inside Pole	116.000 - 0.000	2	No Ice	0.000	0.003
							1/2" Ice	0.000	0.003
							1" Ice	0.000	0.003
							2" Ice	0.000	0.003
LDF4-50A(1/2) (E-inside conduit)	B	No	No	Inside Pole	116.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
HB158-21U6M48-30F(1-5/8) (R)	B	No	No	Inside Pole	116.000 - 0.000	3	No Ice	0.000	0.002
							1/2" Ice	0.000	0.002
							1" Ice	0.000	0.002
							2" Ice	0.000	0.002
2" Rigid Conduit (R)	B	No	No	Inside Pole	116.000 - 0.000	1	No Ice	0.000	0.003
							1/2" Ice	0.000	0.003
							1" Ice	0.000	0.003
							2" Ice	0.000	0.003
MLC6C-06C-008R-008R(1-1/2) (R)	B	No	No	Inside Pole	116.000 - 0.000	1	No Ice	0.000	0.002
							1/2" Ice	0.000	0.002
							1" Ice	0.000	0.002
							2" Ice	0.000	0.002
LW									
ATCB-B01-001(5/16) (E)	B	No	No	Inside Pole	90.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
LDF4-50A(1/2) (E)	B	No	No	Inside Pole	90.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
LDF5-50A(7/8) (E)	B	No	No	Inside Pole	90.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
LW									
LDF5-50A(7/8) (E)	B	No	No	Inside Pole	70.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft²/ft	Weight klf
							2" Ice	0.000	0.000
LW									
LDF4-50A(1/2) (E)	B	No	No	Inside Pole	33.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
LW									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft²	A_F ft²	C_AA_A In Face ft²	C_AA_A Out Face ft²	Weight K
L1	191.667-186.667	A	0.000	0.000	0.000	0.000	0.000
		B	0.000	0.000	0.000	0.000	0.002
		C	0.000	0.000	0.688	0.000	0.043
L2	186.667-181.567	A	0.000	0.000	0.404	0.000	0.034
		B	0.000	0.000	0.000	0.000	0.002
		C	0.000	0.000	0.701	0.000	0.044
L3	181.567-176.567	A	0.000	0.000	0.830	0.000	0.069
		B	0.000	0.000	0.000	0.000	0.002
		C	0.000	0.000	0.688	0.000	0.043
L4	176.567-171.567	A	0.000	0.000	0.830	0.000	0.069
		B	0.000	0.000	0.000	0.000	0.002
		C	0.000	0.000	0.688	0.000	0.043
L5	171.567-166.567	A	0.000	0.000	0.830	0.000	0.069
		B	0.000	0.000	0.000	0.000	0.002
		C	0.000	0.000	0.688	0.000	0.043
L6	166.567-161.567	A	0.000	0.000	0.830	0.000	0.069
		B	0.000	0.000	0.000	0.000	0.002
		C	0.000	0.000	0.688	0.000	0.043
L7	161.567-156.567	A	0.000	0.000	0.830	0.000	0.069
		B	0.000	0.000	4.710	0.000	0.015
		C	0.000	0.000	0.688	0.000	0.043
L8	156.567-151.567	A	0.000	0.000	0.830	0.000	0.069
		B	0.000	0.000	6.860	0.000	0.024
		C	0.000	0.000	0.688	0.000	0.043
L9	151.567-146.567	A	0.000	0.000	0.830	0.000	0.069
		B	0.000	0.000	6.860	0.000	0.024
		C	0.000	0.000	0.688	0.000	0.089
L10	146.567-141.567	A	0.000	0.000	0.830	0.000	0.069
		B	0.000	0.000	6.860	0.000	0.024
		C	0.000	0.000	0.688	0.000	0.099
L11	141.567-141.417	A	0.000	0.000	0.025	0.000	0.002
		B	0.000	0.000	0.206	0.000	0.001
		C	0.000	0.000	0.021	0.000	0.003
L12	141.417-136.417	A	0.000	0.000	0.830	0.000	0.069
		B	0.000	0.000	6.860	0.000	0.024
		C	0.000	0.000	0.688	0.000	0.099
L13	136.417-131.417	A	0.000	0.000	0.830	0.000	0.069
		B	0.000	0.000	6.860	0.000	0.024
		C	0.000	0.000	0.688	0.000	0.099
L14	131.417-126.417	A	0.000	0.000	1.225	0.000	0.081
		B	0.000	0.000	7.255	0.000	0.037

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		C	0.000	0.000	1.083	0.000	0.111
L15	126.417-121.417	A	0.000	0.000	3.371	0.000	0.272
		B	0.000	0.000	9.401	0.000	0.228
		C	0.000	0.000	3.229	0.000	0.302
L16	121.417-121.167	A	0.000	0.000	0.154	0.000	0.007
		B	0.000	0.000	0.456	0.000	0.005
		C	0.000	0.000	0.147	0.000	0.009
L17	121.167-116.167	A	0.000	0.000	2.505	0.000	0.119
		B	0.000	0.000	8.535	0.000	0.075
		C	0.000	0.000	2.363	0.000	0.149
L18	116.167-111.167	A	0.000	0.000	1.674	0.000	0.069
		B	0.000	0.000	6.860	0.000	0.110
		C	0.000	0.000	0.688	0.000	0.099
L19	111.167-110.042	A	0.000	0.000	2.718	0.000	0.016
		B	0.000	0.000	1.544	0.000	0.026
		C	0.000	0.000	0.155	0.000	0.022
L20	110.042-109.792	A	0.000	0.000	0.604	0.000	0.003
		B	0.000	0.000	0.343	0.000	0.006
		C	0.000	0.000	0.034	0.000	0.005
L21	109.792-105.083	A	0.000	0.000	13.304	0.000	0.097
		B	0.000	0.000	8.388	0.000	0.139
		C	0.000	0.000	2.575	0.000	0.125
L22	105.083-104.833	A	0.000	0.000	0.874	0.000	0.007
		B	0.000	0.000	0.613	0.000	0.010
		C	0.000	0.000	0.304	0.000	0.009
L23	104.833-100.917	A	0.000	0.000	12.995	0.000	0.335
		B	0.000	0.000	10.313	0.000	0.369
		C	0.000	0.000	5.478	0.000	0.358
L24	100.917-100.667	A	0.000	0.000	0.291	0.000	0.011
		B	0.000	0.000	0.593	0.000	0.013
		C	0.000	0.000	0.284	0.000	0.013
L25	100.667-95.833	A	0.000	0.000	4.564	0.000	0.144
		B	0.000	0.000	10.394	0.000	0.186
		C	0.000	0.000	4.426	0.000	0.173
L26	95.833-95.583	A	0.000	0.000	0.229	0.000	0.003
		B	0.000	0.000	0.530	0.000	0.006
		C	0.000	0.000	0.222	0.000	0.005
L27	95.583-90.583	A	0.000	0.000	5.205	0.000	0.069
		B	0.000	0.000	11.236	0.000	0.113
		C	0.000	0.000	5.063	0.000	0.099
L28	90.583-89.917	A	0.000	0.000	1.110	0.000	0.009
		B	0.000	0.000	1.913	0.000	0.015
		C	0.000	0.000	1.091	0.000	0.013
L29	89.917-89.667	A	0.000	0.000	0.480	0.000	0.006
		B	0.000	0.000	0.781	0.000	0.008
		C	0.000	0.000	0.472	0.000	0.007
L30	89.667-84.667	A	0.000	0.000	12.155	0.000	0.285
		B	0.000	0.000	18.185	0.000	0.333
		C	0.000	0.000	12.012	0.000	0.315
L31	84.667-80.833	A	0.000	0.000	9.741	0.000	0.496
		B	0.000	0.000	14.365	0.000	0.532
		C	0.000	0.000	9.632	0.000	0.519
L32	80.833-80.333	A	0.000	0.000	0.725	0.000	0.051
		B	0.000	0.000	1.328	0.000	0.055
		C	0.000	0.000	0.711	0.000	0.054
L33	80.333-80.083	A	0.000	0.000	0.452	0.000	0.014
		B	0.000	0.000	0.753	0.000	0.017
		C	0.000	0.000	0.444	0.000	0.016
L34	80.083-75.083	A	0.000	0.000	9.501	0.000	0.195
		B	0.000	0.000	15.531	0.000	0.243
		C	0.000	0.000	9.358	0.000	0.225

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L35	75.083-70.083	A	0.000	0.000	13.127	0.000	0.311
		B	0.000	0.000	19.845	0.000	0.358
		C	0.000	0.000	12.984	0.000	0.340
L36	70.083-69.500	A	0.000	0.000	2.273	0.000	0.050
		B	0.000	0.000	3.413	0.000	0.056
		C	0.000	0.000	2.256	0.000	0.054
L37	69.500-69.250	A	0.000	0.000	0.975	0.000	0.022
		B	0.000	0.000	1.464	0.000	0.024
		C	0.000	0.000	0.967	0.000	0.023
L38	69.250-64.250	A	0.000	0.000	20.260	0.000	1.167
		B	0.000	0.000	30.360	0.000	1.231
		C	0.000	0.000	20.118	0.000	1.197
L39	64.250-60.583	A	0.000	0.000	15.257	0.000	0.966
		B	0.000	0.000	23.775	0.000	1.103
		C	0.000	0.000	15.152	0.000	0.987
L40	60.583-60.333	A	0.000	0.000	0.604	0.000	0.025
		B	0.000	0.000	1.043	0.000	0.032
		C	0.000	0.000	0.597	0.000	0.027
L41	60.333-55.333	A	0.000	0.000	16.850	0.000	0.467
		B	0.000	0.000	24.164	0.000	0.553
		C	0.000	0.000	16.708	0.000	0.497
L42	55.333-52.167	A	0.000	0.000	4.119	0.000	0.050
		B	0.000	0.000	7.937	0.000	0.082
		C	0.000	0.000	4.028	0.000	0.069
L43	52.167-51.917	A	0.000	0.000	0.312	0.000	0.003
		B	0.000	0.000	0.614	0.000	0.006
		C	0.000	0.000	0.305	0.000	0.005
L44	51.917-46.917	A	0.000	0.000	12.058	0.000	0.144
		B	0.000	0.000	18.672	0.000	0.218
		C	0.000	0.000	15.166	0.000	0.174
L45	46.917-41.917	A	0.000	0.000	22.913	0.000	0.380
		B	0.000	0.000	29.777	0.000	0.465
		C	0.000	0.000	27.771	0.000	0.410
L46	41.917-40.333	A	0.000	0.000	6.676	0.000	0.119
		B	0.000	0.000	8.808	0.000	0.144
		C	0.000	0.000	8.214	0.000	0.128
L47	40.333-40.083	A	0.000	0.000	0.833	0.000	0.017
		B	0.000	0.000	1.135	0.000	0.020
		C	0.000	0.000	1.076	0.000	0.019
L48	40.083-35.083	A	0.000	0.000	19.246	0.000	0.346
		B	0.000	0.000	25.276	0.000	0.397
		C	0.000	0.000	22.020	0.000	0.376
L49	35.083-30.083	A	0.000	0.000	10.711	0.000	0.194
		B	0.000	0.000	16.741	0.000	0.246
		C	0.000	0.000	10.569	0.000	0.224
L50	30.083-28.000	A	0.000	0.000	4.429	0.000	0.029
		B	0.000	0.000	6.941	0.000	0.051
		C	0.000	0.000	6.369	0.000	0.041
L51	28.000-27.750	A	0.000	0.000	0.541	0.000	0.003
		B	0.000	0.000	0.843	0.000	0.006
		C	0.000	0.000	0.784	0.000	0.005
L52	27.750-22.750	A	0.000	0.000	21.122	0.000	0.332
		B	0.000	0.000	27.152	0.000	0.384
		C	0.000	0.000	25.979	0.000	0.362
L53	22.750-20.083	A	0.000	0.000	10.888	0.000	0.185
		B	0.000	0.000	14.105	0.000	0.212
		C	0.000	0.000	13.479	0.000	0.200
L54	20.083-19.833	A	0.000	0.000	0.833	0.000	0.017
		B	0.000	0.000	1.135	0.000	0.020
		C	0.000	0.000	1.076	0.000	0.019
L55	19.833-17.000	A	0.000	0.000	11.441	0.000	0.196

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		B	0.000	0.000	14.858	0.000	0.226
		C	0.000	0.000	16.194	0.000	0.213
L56	17.000-16.750	A	0.000	0.000	0.833	0.000	0.017
		B	0.000	0.000	1.135	0.000	0.020
		C	0.000	0.000	1.076	0.000	0.019
L57	16.750-11.650	A	0.000	0.000	14.787	0.000	0.296
		B	0.000	0.000	20.937	0.000	0.350
		C	0.000	0.000	20.753	0.000	0.327
L58	11.650-11.417	A	0.000	0.000	0.272	0.000	0.003
		B	0.000	0.000	0.553	0.000	0.006
		C	0.000	0.000	0.653	0.000	0.005
L59	11.417-9.396	A	0.000	0.000	3.342	0.000	0.028
		B	0.000	0.000	5.780	0.000	0.049
		C	0.000	0.000	5.667	0.000	0.040
L60	9.396-9.146	A	0.000	0.000	0.458	0.000	0.003
		B	0.000	0.000	0.760	0.000	0.006
		C	0.000	0.000	0.701	0.000	0.005
L61	9.146-4.833	A	0.000	0.000	7.904	0.000	0.060
		B	0.000	0.000	13.106	0.000	0.105
		C	0.000	0.000	12.094	0.000	0.086
L62	4.833-4.583	A	0.000	0.000	0.458	0.000	0.003
		B	0.000	0.000	0.760	0.000	0.006
		C	0.000	0.000	0.701	0.000	0.005
L63	4.583-0.000	A	0.000	0.000	8.399	0.000	0.064
		B	0.000	0.000	13.926	0.000	0.112
		C	0.000	0.000	10.740	0.000	0.091

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	191.667-186.667	A	2.024	0.000	0.000	0.000	0.000	0.000
		B		0.000	0.000	0.000	0.000	0.002
		C		0.000	0.000	4.736	0.000	0.110
L2	186.667-181.567	A	2.019	0.000	0.000	1.386	0.000	0.056
		B		0.000	0.000	0.000	0.000	0.002
		C		0.000	0.000	4.820	0.000	0.112
L3	181.567-176.567	A	2.013	0.000	0.000	2.843	0.000	0.115
		B		0.000	0.000	0.000	0.000	0.002
		C		0.000	0.000	4.714	0.000	0.110
L4	176.567-171.567	A	2.008	0.000	0.000	2.838	0.000	0.114
		B		0.000	0.000	0.000	0.000	0.002
		C		0.000	0.000	4.703	0.000	0.109
L5	171.567-166.567	A	2.002	0.000	0.000	2.832	0.000	0.114
		B		0.000	0.000	0.000	0.000	0.002
		C		0.000	0.000	4.691	0.000	0.109
L6	166.567-161.567	A	1.996	0.000	0.000	2.826	0.000	0.114
		B		0.000	0.000	0.000	0.000	0.002
		C		0.000	0.000	4.679	0.000	0.109
L7	161.567-156.567	A	1.990	0.000	0.000	2.820	0.000	0.114
		B		0.000	0.000	7.595	0.000	0.118
		C		0.000	0.000	4.667	0.000	0.108
L8	156.567-151.567	A	1.983	0.000	0.000	2.813	0.000	0.114
		B		0.000	0.000	11.054	0.000	0.172
		C		0.000	0.000	4.654	0.000	0.108
L9	151.567-146.567	A	1.977	0.000	0.000	2.807	0.000	0.113
		B		0.000	0.000	11.046	0.000	0.171

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		C		0.000	0.000	4.641	0.000	0.153
L10	146.567-141.567	A	1.970	0.000	0.000	2.800	0.000	0.113
		B		0.000	0.000	11.037	0.000	0.171
		C		0.000	0.000	4.627	0.000	0.163
L11	141.567-141.417	A	1.966	0.000	0.000	0.084	0.000	0.003
		B		0.000	0.000	0.331	0.000	0.005
		C		0.000	0.000	0.139	0.000	0.005
L12	141.417-136.417	A	1.963	0.000	0.000	2.793	0.000	0.113
		B		0.000	0.000	11.028	0.000	0.170
		C		0.000	0.000	4.613	0.000	0.163
L13	136.417-131.417	A	1.956	0.000	0.000	2.786	0.000	0.113
		B		0.000	0.000	11.020	0.000	0.170
		C		0.000	0.000	4.599	0.000	0.162
L14	131.417-126.417	A	1.948	0.000	0.000	3.327	0.000	0.134
		B		0.000	0.000	11.559	0.000	0.192
		C		0.000	0.000	5.132	0.000	0.184
L15	126.417-121.417	A	1.940	0.000	0.000	6.360	0.000	0.397
		B		0.000	0.000	14.590	0.000	0.454
		C		0.000	0.000	8.158	0.000	0.446
L16	121.417-121.167	A	1.936	0.000	0.000	0.307	0.000	0.013
		B		0.000	0.000	0.719	0.000	0.016
		C		0.000	0.000	0.397	0.000	0.015
L17	121.167-116.167	A	1.932	0.000	0.000	5.106	0.000	0.206
		B		0.000	0.000	13.334	0.000	0.264
		C		0.000	0.000	6.896	0.000	0.256
L18	116.167-111.167	A	1.924	0.000	0.000	3.836	0.000	0.127
		B		0.000	0.000	10.980	0.000	0.254
		C		0.000	0.000	4.535	0.000	0.161
L19	111.167-110.042	A	1.919	0.000	0.000	3.863	0.000	0.071
		B		0.000	0.000	2.469	0.000	0.058
		C		0.000	0.000	1.018	0.000	0.036
L20	110.042-109.792	A	1.917	0.000	0.000	0.858	0.000	0.016
		B		0.000	0.000	0.549	0.000	0.013
		C		0.000	0.000	0.226	0.000	0.008
L21	109.792-105.083	A	1.913	0.000	0.000	18.809	0.000	0.375
		B		0.000	0.000	12.979	0.000	0.320
		C		0.000	0.000	6.902	0.000	0.230
L22	105.083-104.833	A	1.909	0.000	0.000	1.228	0.000	0.026
		B		0.000	0.000	0.919	0.000	0.023
		C		0.000	0.000	0.596	0.000	0.018
L23	104.833-100.917	A	1.905	0.000	0.000	18.532	0.000	0.643
		B		0.000	0.000	15.492	0.000	0.623
		C		0.000	0.000	10.433	0.000	0.548
L24	100.917-100.667	A	1.901	0.000	0.000	0.492	0.000	0.020
		B		0.000	0.000	0.903	0.000	0.027
		C		0.000	0.000	0.580	0.000	0.022
L25	100.667-95.833	A	1.896	0.000	0.000	7.956	0.000	0.271
		B		0.000	0.000	15.902	0.000	0.410
		C		0.000	0.000	9.651	0.000	0.318
L26	95.833-95.583	A	1.891	0.000	0.000	0.415	0.000	0.009
		B		0.000	0.000	0.826	0.000	0.016
		C		0.000	0.000	0.503	0.000	0.011
L27	95.583-90.583	A	1.886	0.000	0.000	9.093	0.000	0.188
		B		0.000	0.000	17.310	0.000	0.331
		C		0.000	0.000	10.837	0.000	0.236
L28	90.583-89.917	A	1.880	0.000	0.000	1.741	0.000	0.032
		B		0.000	0.000	2.835	0.000	0.051
		C		0.000	0.000	1.973	0.000	0.039
L29	89.917-89.667	A	1.879	0.000	0.000	0.733	0.000	0.016
		B		0.000	0.000	1.144	0.000	0.023
		C		0.000	0.000	0.820	0.000	0.018

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L30	89.667-84.667	A	1.873	0.000	0.000	17.873	0.000	0.545
		B		0.000	0.000	26.086	0.000	0.691
		C		0.000	0.000	19.604	0.000	0.593
L31	84.667-80.833	A	1.864	0.000	0.000	14.318	0.000	0.728
		B		0.000	0.000	20.614	0.000	0.839
		C		0.000	0.000	15.638	0.000	0.764
L32	80.833-80.333	A	1.859	0.000	0.000	1.115	0.000	0.071
		B		0.000	0.000	1.936	0.000	0.085
		C		0.000	0.000	1.286	0.000	0.075
L33	80.333-80.083	A	1.858	0.000	0.000	0.673	0.000	0.025
		B		0.000	0.000	1.083	0.000	0.032
		C		0.000	0.000	0.759	0.000	0.027
L34	80.083-75.083	A	1.852	0.000	0.000	14.196	0.000	0.391
		B		0.000	0.000	22.404	0.000	0.537
		C		0.000	0.000	15.905	0.000	0.439
L35	75.083-70.083	A	1.839	0.000	0.000	18.223	0.000	0.563
		B		0.000	0.000	27.302	0.000	0.719
		C		0.000	0.000	19.920	0.000	0.610
L36	70.083-69.500	A	1.832	0.000	0.000	3.035	0.000	0.093
		B		0.000	0.000	4.547	0.000	0.118
		C		0.000	0.000	3.232	0.000	0.098
L37	69.500-69.250	A	1.831	0.000	0.000	1.301	0.000	0.040
		B		0.000	0.000	1.950	0.000	0.050
		C		0.000	0.000	1.386	0.000	0.042
L38	69.250-64.250	A	1.824	0.000	0.000	27.344	0.000	1.584
		B		0.000	0.000	41.081	0.000	1.825
		C		0.000	0.000	29.026	0.000	1.631
L39	64.250-60.583	A	1.812	0.000	0.000	21.026	0.000	1.304
		B		0.000	0.000	32.990	0.000	1.614
		C		0.000	0.000	22.250	0.000	1.339
L40	60.583-60.333	A	1.806	0.000	0.000	0.848	0.000	0.040
		B		0.000	0.000	1.444	0.000	0.054
		C		0.000	0.000	0.931	0.000	0.042
L41	60.333-55.333	A	1.798	0.000	0.000	22.562	0.000	0.789
		B		0.000	0.000	32.489	0.000	1.000
		C		0.000	0.000	24.218	0.000	0.836
L42	55.333-52.167	A	1.785	0.000	0.000	6.365	0.000	0.126
		B		0.000	0.000	11.551	0.000	0.218
		C		0.000	0.000	7.405	0.000	0.155
L43	52.167-51.917	A	1.779	0.000	0.000	0.487	0.000	0.009
		B		0.000	0.000	0.896	0.000	0.016
		C		0.000	0.000	0.569	0.000	0.011
L44	51.917-46.917	A	1.770	0.000	0.000	17.719	0.000	0.362
		B		0.000	0.000	27.638	0.000	0.561
		C		0.000	0.000	23.230	0.000	0.454
L45	46.917-41.917	A	1.751	0.000	0.000	31.161	0.000	0.756
		B		0.000	0.000	41.805	0.000	0.977
		C		0.000	0.000	38.734	0.000	0.872
L46	41.917-40.333	A	1.738	0.000	0.000	9.023	0.000	0.227
		B		0.000	0.000	12.268	0.000	0.293
		C		0.000	0.000	11.416	0.000	0.263
L47	40.333-40.083	A	1.734	0.000	0.000	1.078	0.000	0.030
		B		0.000	0.000	1.487	0.000	0.037
		C		0.000	0.000	1.455	0.000	0.036
L48	40.083-35.083	A	1.722	0.000	0.000	25.299	0.000	0.633
		B		0.000	0.000	33.475	0.000	0.776
		C		0.000	0.000	30.349	0.000	0.718
L49	35.083-30.083	A	1.698	0.000	0.000	15.065	0.000	0.361
		B		0.000	0.000	23.234	0.000	0.504
		C		0.000	0.000	16.620	0.000	0.406
L50	30.083-28.000	A	1.678	0.000	0.000	6.192	0.000	0.097

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft²	A_F ft²	C_AA_A In Face ft²	C_AA_A Out Face ft²	Weight K
		B		0.000	0.000	9.593	0.000	0.156
		C		0.000	0.000	9.203	0.000	0.142
L51	28.000-27.750	A	1.672	0.000	0.000	0.754	0.000	0.012
		B		0.000	0.000	1.162	0.000	0.019
		C		0.000	0.000	1.127	0.000	0.017
L52	27.750-22.750	A	1.655	0.000	0.000	27.301	0.000	0.629
		B		0.000	0.000	35.460	0.000	0.770
		C		0.000	0.000	34.730	0.000	0.738
L53	22.750-20.083	A	1.628	0.000	0.000	13.975	0.000	0.335
		B		0.000	0.000	18.323	0.000	0.409
		C		0.000	0.000	17.916	0.000	0.392
L54	20.083-19.833	A	1.617	0.000	0.000	1.060	0.000	0.029
		B		0.000	0.000	1.468	0.000	0.036
		C		0.000	0.000	1.429	0.000	0.034
L55	19.833-17.000	A	1.604	0.000	0.000	14.637	0.000	0.351
		B		0.000	0.000	19.253	0.000	0.429
		C		0.000	0.000	21.442	0.000	0.436
L56	17.000-16.750	A	1.590	0.000	0.000	1.092	0.000	0.029
		B		0.000	0.000	1.499	0.000	0.035
		C		0.000	0.000	1.494	0.000	0.034
L57	16.750-11.650	A	1.563	0.000	0.000	19.586	0.000	0.496
		B		0.000	0.000	27.884	0.000	0.635
		C		0.000	0.000	29.057	0.000	0.614
L58	11.650-11.417	A	1.530	0.000	0.000	0.414	0.000	0.007
		B		0.000	0.000	0.793	0.000	0.014
		C		0.000	0.000	0.987	0.000	0.014
L59	11.417-9.396	A	1.515	0.000	0.000	4.910	0.000	0.077
		B		0.000	0.000	8.194	0.000	0.131
		C		0.000	0.000	8.530	0.000	0.122
L60	9.396-9.146	A	1.497	0.000	0.000	0.666	0.000	0.010
		B		0.000	0.000	1.071	0.000	0.017
		C		0.000	0.000	1.051	0.000	0.015
L61	9.146-4.833	A	1.456	0.000	0.000	11.392	0.000	0.168
		B		0.000	0.000	18.387	0.000	0.281
		C		0.000	0.000	17.975	0.000	0.250
L62	4.833-4.583	A	1.399	0.000	0.000	0.653	0.000	0.009
		B		0.000	0.000	1.058	0.000	0.016
		C		0.000	0.000	1.029	0.000	0.014
L63	4.583-0.000	A	1.302	0.000	0.000	11.754	0.000	0.163
		B		0.000	0.000	19.152	0.000	0.276
		C		0.000	0.000	15.774	0.000	0.218

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	191.667-186.667	-0.003	1.248	-0.014	2.811
L2	186.667-181.567	-0.715	1.295	-0.875	3.012
L3	181.567-176.567	-1.409	1.313	-1.691	2.912
L4	176.567-171.567	-1.409	1.313	-1.689	2.908
L5	171.567-166.567	-1.409	1.313	-1.688	2.904
L6	166.567-161.567	-1.409	1.313	-1.686	2.900
L7	161.567-156.567	2.198	-3.144	0.767	-0.497
L8	156.567-151.567	3.059	-4.207	1.432	-1.418
L9	151.567-146.567	3.059	-4.207	1.434	-1.422
L10	146.567-141.567	3.059	-4.207	1.437	-1.427

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L11	141.567-141.417	3.059	-4.207	1.438	-1.429
L12	141.417-136.417	3.698	-5.079	1.799	-1.762
L13	136.417-131.417	3.698	-5.079	1.802	-1.767
L14	131.417-126.417	3.593	-4.737	1.814	-1.696
L15	126.417-121.417	3.199	-3.430	1.867	-1.356
L16	121.417-121.167	3.236	-3.576	1.857	-1.381
L17	121.167-116.167	3.615	-4.206	2.014	-1.615
L18	116.167-111.167	2.955	-4.459	1.462	-1.483
L19	111.167-110.042	-3.391	2.109	-3.123	2.605
L20	110.042-109.792	-3.391	2.109	-3.123	2.604
L21	109.792-105.083	-2.932	1.913	-2.728	2.355
L22	105.083-104.833	-2.399	1.655	-2.260	2.033
L23	104.833-100.917	-1.786	1.121	-1.694	1.532
L24	100.917-100.667	1.712	-2.189	1.383	-1.177
L25	100.667-95.833	2.590	-3.400	1.524	-1.381
L26	95.833-95.583	2.673	-3.669	1.553	-1.532
L27	95.583-90.583	1.857	-2.549	1.498	-1.480
L28	90.583-89.917	1.524	-2.091	1.261	-1.247
L29	89.917-89.667	1.184	-2.125	0.977	-1.331
L30	89.667-84.667	0.617	-2.184	0.489	-1.477
L31	84.667-80.833	0.569	-2.134	0.447	-1.453
L32	80.833-80.333	0.866	-2.987	0.681	-2.046
L33	80.333-80.083	1.101	-2.735	0.952	-1.888
L34	80.083-75.083	1.914	-2.574	1.741	-1.757
L35	75.083-70.083	2.300	-2.147	2.120	-1.499
L36	70.083-69.500	0.147	-1.316	0.065	-0.848
L37	69.500-69.250	0.147	-1.316	0.065	-0.849
L38	69.250-64.250	0.267	-1.279	0.230	-0.785
L39	64.250-60.583	-0.436	-1.001	-0.473	-0.468
L40	60.583-60.333	0.061	-1.900	-0.195	-1.215
L41	60.333-55.333	1.185	-1.652	0.959	-1.068
L42	55.333-52.167	1.711	-2.002	1.478	-1.090
L43	52.167-51.917	1.687	-2.003	1.456	-1.083
L44	51.917-46.917	2.890	-3.046	2.908	-1.986
L45	46.917-41.917	3.122	-3.377	3.204	-2.528
L46	41.917-40.333	3.292	-3.699	3.335	-2.852
L47	40.333-40.083	3.633	-4.730	3.434	-4.094
L48	40.083-35.083	2.800	-3.652	2.619	-3.072
L49	35.083-30.083	2.116	-2.823	1.921	-2.086
L50	30.083-28.000	-1.701	-4.283	-1.537	-3.468
L51	28.000-27.750	-1.809	-4.329	-1.636	-3.523
L52	27.750-22.750	-1.382	-2.478	-1.287	-2.027
L53	22.750-20.083	-1.421	-2.508	-1.323	-2.062
L54	20.083-19.833	-1.612	-2.846	-1.506	-2.355
L55	19.833-17.000	-0.523	-2.920	-0.378	-2.523
L56	17.000-16.750	2.346	-1.706	2.346	-1.353
L57	16.750-11.650	2.199	-1.767	2.174	-1.377
L58	11.650-11.417	2.159	-2.614	2.009	-1.940
L59	11.417-9.396	2.923	-4.818	2.805	-4.254
L60	9.396-9.146	3.176	-5.549	3.071	-5.027
L61	9.146-4.833	3.176	-5.549	3.080	-5.051
L62	4.833-4.583	3.176	-5.549	3.092	-5.085
L63	4.583-0.000	4.346	-6.340	4.271	-5.909

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	218	Safety Line 3/8	186.67 - 191.67	1.0000	1.0000
L1	219	Climbing Rung	186.67 - 191.67	1.0000	1.0000
L2	187	HCS 6X12 4AWG(1-5/8)	181.57 - 184.00	1.0000	1.0000
L2	218	Safety Line 3/8	181.57 - 186.67	1.0000	1.0000
L2	219	Climbing Rung	181.57 - 186.67	1.0000	1.0000
L3	187	HCS 6X12 4AWG(1-5/8)	176.57 - 181.57	1.0000	1.0000
L3	218	Safety Line 3/8	176.57 - 181.57	1.0000	1.0000
L3	219	Climbing Rung	176.57 - 181.57	1.0000	1.0000
L4	187	HCS 6X12 4AWG(1-5/8)	171.57 - 176.57	1.0000	1.0000
L4	218	Safety Line 3/8	171.57 - 176.57	1.0000	1.0000
L4	219	Climbing Rung	171.57 - 176.57	1.0000	1.0000
L5	187	HCS 6X12 4AWG(1-5/8)	166.57 - 171.57	1.0000	1.0000
L5	218	Safety Line 3/8	166.57 - 171.57	1.0000	1.0000
L5	219	Climbing Rung	166.57 - 171.57	1.0000	1.0000
L6	187	HCS 6X12 4AWG(1-5/8)	161.57 - 166.57	1.0000	1.0000
L6	218	Safety Line 3/8	161.57 - 166.57	1.0000	1.0000
L6	219	Climbing Rung	161.57 - 166.57	1.0000	1.0000
L7	187	HCS 6X12 4AWG(1-5/8)	156.57 - 161.57	1.0000	1.0000
L7	190	AL7-50(1-5/8)	156.57 - 160.00	1.0000	1.0000
L7	218	Safety Line 3/8	156.57 - 161.57	1.0000	1.0000
L7	219	Climbing Rung	156.57 - 161.57	1.0000	1.0000
L8	187	HCS 6X12 4AWG(1-5/8)	151.57 - 156.57	1.0000	1.0000
L8	190	AL7-50(1-5/8)	151.57 - 156.57	1.0000	1.0000
L8	218	Safety Line 3/8	151.57 - 156.57	1.0000	1.0000
L8	219	Climbing Rung	151.57 - 156.57	1.0000	1.0000
L9	187	HCS 6X12 4AWG(1-5/8)	146.57 - 151.57	1.0000	1.0000
L9	190	AL7-50(1-5/8)	146.57 - 151.57	1.0000	1.0000
L9	218	Safety Line 3/8	146.57 - 151.57	1.0000	1.0000
L9	219	Climbing Rung	146.57 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
			151.57		
L10	187	HCS 6X12 4AWG(1-5/8)	141.57 - 146.57	1.0000	1.0000
L10	190	AL7-50(1-5/8)	141.57 - 146.57	1.0000	1.0000
L10	218	Safety Line 3/8	141.57 - 146.57	1.0000	1.0000
L10	219	Climbing Rung	141.57 - 146.57	1.0000	1.0000
L11	187	HCS 6X12 4AWG(1-5/8)	141.42 - 141.57	1.0000	1.0000
L11	190	AL7-50(1-5/8)	141.42 - 141.57	1.0000	1.0000
L11	218	Safety Line 3/8	141.42 - 141.57	1.0000	1.0000
L11	219	Climbing Rung	141.42 - 141.57	1.0000	1.0000
L12	187	HCS 6X12 4AWG(1-5/8)	136.42 - 141.42	1.0000	1.0000
L12	190	AL7-50(1-5/8)	136.42 - 141.42	1.0000	1.0000
L12	218	Safety Line 3/8	136.42 - 141.42	1.0000	1.0000
L12	219	Climbing Rung	136.42 - 141.42	1.0000	1.0000
L13	187	HCS 6X12 4AWG(1-5/8)	131.42 - 136.42	1.0000	1.0000
L13	190	AL7-50(1-5/8)	131.42 - 136.42	1.0000	1.0000
L13	218	Safety Line 3/8	131.42 - 136.42	1.0000	1.0000
L13	219	Climbing Rung	131.42 - 136.42	1.0000	1.0000
L14	151	CCI 4.5" x 1" Plate	126.42 - 127.17	1.0000	1.0000
L14	152	CCI 4.5" x 1" Plate	126.42 - 127.17	1.0000	1.0000
L14	153	CCI 4.5" x 1" Plate	126.42 - 127.17	1.0000	1.0000
L14	187	HCS 6X12 4AWG(1-5/8)	126.42 - 131.42	1.0000	1.0000
L14	190	AL7-50(1-5/8)	126.42 - 131.42	1.0000	1.0000
L14	218	Safety Line 3/8	126.42 - 131.42	1.0000	1.0000
L14	219	Climbing Rung	126.42 - 131.42	1.0000	1.0000
L15	143	CCI 4.5" x 1" Plate	121.42 - 121.67	1.0000	1.0000
L15	144	CCI 4.5" x 1" Plate	121.42 - 121.67	1.0000	1.0000
L15	145	CCI 4.5" x 1" Plate	121.42 - 121.67	1.0000	1.0000
L15	147	CCI 4.5" x 4" Plate	121.67 - 124.42	1.0000	1.0000
L15	148	CCI 4.5" x 4" Plate	121.67 - 124.42	1.0000	1.0000
L15	149	CCI 4.5" x 4" Plate	121.67 - 124.42	1.0000	1.0000
L15	151	CCI 4.5" x 1" Plate	124.42 - 126.42	1.0000	1.0000
L15	152	CCI 4.5" x 1" Plate	124.42 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L15	153	CCI 4.5" x 1" Plate	126.42 124.42 - 126.42	1.0000	1.0000
L15	187	HCS 6X12 4AWG(1-5/8)	121.42 - 126.42	1.0000	1.0000
L15	190	AL7-50(1-5/8)	121.42 - 126.42	1.0000	1.0000
L15	218	Safety Line 3/8	121.42 - 126.42	1.0000	1.0000
L15	219	Climbing Rung	121.42 - 126.42	1.0000	1.0000
L16	143	CCI 4.5" x 1" Plate	121.17 - 121.42	1.0000	1.0000
L16	144	CCI 4.5" x 1" Plate	121.17 - 121.42	1.0000	1.0000
L16	145	CCI 4.5" x 1" Plate	121.17 - 121.42	1.0000	1.0000
L16	187	HCS 6X12 4AWG(1-5/8)	121.17 - 121.42	1.0000	1.0000
L16	190	AL7-50(1-5/8)	121.17 - 121.42	1.0000	1.0000
L16	218	Safety Line 3/8	121.17 - 121.42	1.0000	1.0000
L16	219	Climbing Rung	121.17 - 121.42	1.0000	1.0000
L17	139	CCI 4.5" x 1" Plate	117.92 - 120.67	1.0000	1.0000
L17	140	CCI 4.5" x 1" Plate	117.92 - 120.67	1.0000	1.0000
L17	141	CCI 4.5" x 1" Plate	117.92 - 120.67	1.0000	1.0000
L17	143	CCI 4.5" x 1" Plate	120.67 - 121.17	1.0000	1.0000
L17	144	CCI 4.5" x 1" Plate	120.67 - 121.17	1.0000	1.0000
L17	145	CCI 4.5" x 1" Plate	120.67 - 121.17	1.0000	1.0000
L17	187	HCS 6X12 4AWG(1-5/8)	116.17 - 121.17	1.0000	1.0000
L17	190	AL7-50(1-5/8)	116.17 - 121.17	1.0000	1.0000
L17	218	Safety Line 3/8	116.17 - 121.17	1.0000	1.0000
L17	219	Climbing Rung	116.17 - 121.17	1.0000	1.0000
L18	56	CCI 4.5" x 1" Plate	111.17 - 111.54	1.0000	1.0000
L18	57	CCI 4.5" x 1" Plate	111.17 - 111.54	1.0000	1.0000
L18	58	CCI 4.5" x 1" Plate	111.17 - 111.54	1.0000	1.0000
L18	187	HCS 6X12 4AWG(1-5/8)	111.17 - 116.17	1.0000	1.0000
L18	190	AL7-50(1-5/8)	111.17 - 116.17	1.0000	1.0000
L18	218	Safety Line 3/8	111.17 - 116.17	1.0000	1.0000
L18	219	Climbing Rung	111.17 - 116.17	1.0000	1.0000
L19	56	CCI 4.5" x 1" Plate	110.04 - 111.17	1.0000	1.0000
L19	57	CCI 4.5" x 1" Plate	110.04 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L19	58	CCI 4.5" x 1" Plate	111.17 110.04 - 111.17	1.0000	1.0000
L19	187	HCS 6X12 4AWG(1-5/8)	110.04 - 111.17	1.0000	1.0000
L19	190	AL7-50(1-5/8)	110.04 - 111.17	1.0000	1.0000
L19	218	Safety Line 3/8	110.04 - 111.17	1.0000	1.0000
L19	219	Climbing Rung	110.04 - 111.17	1.0000	1.0000
L20	56	CCI 4.5" x 1" Plate	109.79 - 110.04	1.0000	1.0000
L20	57	CCI 4.5" x 1" Plate	109.79 - 110.04	1.0000	1.0000
L20	58	CCI 4.5" x 1" Plate	109.79 - 110.04	1.0000	1.0000
L20	187	HCS 6X12 4AWG(1-5/8)	109.79 - 110.04	1.0000	1.0000
L20	190	AL7-50(1-5/8)	109.79 - 110.04	1.0000	1.0000
L20	218	Safety Line 3/8	109.79 - 110.04	1.0000	1.0000
L20	219	Climbing Rung	109.79 - 110.04	1.0000	1.0000
L21	18	CCI 4" x 0.75" Plate	105.08 - 106.58	1.0000	1.0000
L21	19	CCI 4" x 0.75" Plate	105.08 - 106.58	1.0000	1.0000
L21	20	CCI 4" x 0.75" Plate	105.08 - 106.58	1.0000	1.0000
L21	56	CCI 4.5" x 1" Plate	105.08 - 109.79	1.0000	1.0000
L21	57	CCI 4.5" x 1" Plate	105.08 - 109.79	1.0000	1.0000
L21	58	CCI 4.5" x 1" Plate	105.08 - 109.79	1.0000	1.0000
L21	135	CCI 4.5" x 1" Plate	105.08 - 107.17	1.0000	1.0000
L21	136	CCI 4.5" x 1" Plate	105.08 - 107.17	1.0000	1.0000
L21	137	CCI 4.5" x 1" Plate	105.08 - 107.17	1.0000	1.0000
L21	187	HCS 6X12 4AWG(1-5/8)	105.08 - 109.79	1.0000	1.0000
L21	190	AL7-50(1-5/8)	105.08 - 109.79	1.0000	1.0000
L21	218	Safety Line 3/8	105.08 - 109.79	1.0000	1.0000
L21	219	Climbing Rung	105.08 - 109.79	1.0000	1.0000
L22	18	CCI 4" x 0.75" Plate	104.83 - 105.08	1.0000	1.0000
L22	19	CCI 4" x 0.75" Plate	104.83 - 105.08	1.0000	1.0000
L22	20	CCI 4" x 0.75" Plate	104.83 - 105.08	1.0000	1.0000
L22	56	CCI 4.5" x 1" Plate	104.83 - 105.08	1.0000	1.0000
L22	57	CCI 4.5" x 1" Plate	104.83 - 105.08	1.0000	1.0000
L22	58	CCI 4.5" x 1" Plate	104.83 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L22	135	CCI 4.5" x 1" Plate	105.08 104.83 - 105.08	1.0000	1.0000
L22	136	CCI 4.5" x 1" Plate	104.83 - 105.08	1.0000	1.0000
L22	137	CCI 4.5" x 1" Plate	104.83 - 105.08	1.0000	1.0000
L22	187	HCS 6X12 4AWG(1-5/8)	104.83 - 105.08	1.0000	1.0000
L22	190	AL7-50(1-5/8)	104.83 - 105.08	1.0000	1.0000
L22	218	Safety Line 3/8	104.83 - 105.08	1.0000	1.0000
L22	219	Climbing Rung	104.83 - 105.08	1.0000	1.0000
L23	18	CCI 4" x 0.75" Plate	101.58 - 104.83	1.0000	1.0000
L23	19	CCI 4" x 0.75" Plate	101.58 - 104.83	1.0000	1.0000
L23	20	CCI 4" x 0.75" Plate	101.58 - 104.83	1.0000	1.0000
L23	56	CCI 4.5" x 1" Plate	101.54 - 104.83	1.0000	1.0000
L23	57	CCI 4.5" x 1" Plate	101.54 - 104.83	1.0000	1.0000
L23	58	CCI 4.5" x 1" Plate	101.54 - 104.83	1.0000	1.0000
L23	127	CCI 4.5" x 1" Plate	100.92 - 101.42	1.0000	1.0000
L23	128	CCI 4.5" x 1" Plate	100.92 - 101.42	1.0000	1.0000
L23	129	CCI 4.5" x 1" Plate	100.92 - 101.42	1.0000	1.0000
L23	131	CCI 4.5" x 4" Plate	101.42 - 104.42	1.0000	1.0000
L23	132	CCI 4.5" x 4" Plate	101.42 - 104.42	1.0000	1.0000
L23	133	CCI 4.5" x 4" Plate	101.42 - 104.42	1.0000	1.0000
L23	135	CCI 4.5" x 1" Plate	104.42 - 104.83	1.0000	1.0000
L23	136	CCI 4.5" x 1" Plate	104.42 - 104.83	1.0000	1.0000
L23	137	CCI 4.5" x 1" Plate	104.42 - 104.83	1.0000	1.0000
L23	173	CCI 4.5" x 1" Plate	100.92 - 101.79	1.0000	1.0000
L23	174	CCI 4.5" x 1" Plate	100.92 - 101.79	1.0000	1.0000
L23	175	CCI 4.5" x 1" Plate	100.92 - 101.79	1.0000	1.0000
L23	177	CCI 4.5" x 3" Plate	101.79 - 103.29	1.0000	1.0000
L23	178	CCI 4.5" x 3" Plate	101.79 - 103.29	1.0000	1.0000
L23	179	CCI 4.5" x 3" Plate	101.79 - 103.29	1.0000	1.0000
L23	187	HCS 6X12 4AWG(1-5/8)	100.92 - 104.83	1.0000	1.0000
L23	190	AL7-50(1-5/8)	100.92 - 104.83	1.0000	1.0000
L23	218	Safety Line 3/8	100.92 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
			104.83		
L23	219	Climbing Rung	100.92 - 104.83	1.0000	1.0000
L24	127	CCI 4.5" x 1" Plate	100.67 - 100.92	1.0000	1.0000
L24	128	CCI 4.5" x 1" Plate	100.67 - 100.92	1.0000	1.0000
L24	129	CCI 4.5" x 1" Plate	100.67 - 100.92	1.0000	1.0000
L24	173	CCI 4.5" x 1" Plate	100.67 - 100.92	1.0000	1.0000
L24	174	CCI 4.5" x 1" Plate	100.67 - 100.92	1.0000	1.0000
L24	175	CCI 4.5" x 1" Plate	100.67 - 100.92	1.0000	1.0000
L24	187	HCS 6X12 4AWG(1-5/8)	100.67 - 100.92	1.0000	1.0000
L24	190	AL7-50(1-5/8)	100.67 - 100.92	1.0000	1.0000
L24	218	Safety Line 3/8	100.67 - 100.92	1.0000	1.0000
L24	219	Climbing Rung	100.67 - 100.92	1.0000	1.0000
L25	52	CCI 4.5" x 1" Plate	95.83 - 97.33	1.0000	1.0000
L25	53	CCI 4.5" x 1" Plate	95.83 - 97.33	1.0000	1.0000
L25	54	CCI 4.5" x 1" Plate	95.83 - 97.33	1.0000	1.0000
L25	123	CCI 4.5" x 1" Plate	97.92 - 100.42	1.0000	1.0000
L25	124	CCI 4.5" x 1" Plate	97.92 - 100.42	1.0000	1.0000
L25	125	CCI 4.5" x 1" Plate	97.92 - 100.42	1.0000	1.0000
L25	127	CCI 4.5" x 1" Plate	100.42 - 100.67	1.0000	1.0000
L25	128	CCI 4.5" x 1" Plate	100.42 - 100.67	1.0000	1.0000
L25	129	CCI 4.5" x 1" Plate	100.42 - 100.67	1.0000	1.0000
L25	173	CCI 4.5" x 1" Plate	98.42 - 100.67	1.0000	1.0000
L25	174	CCI 4.5" x 1" Plate	98.42 - 100.67	1.0000	1.0000
L25	175	CCI 4.5" x 1" Plate	98.42 - 100.67	1.0000	1.0000
L25	187	HCS 6X12 4AWG(1-5/8)	95.83 - 100.67	1.0000	1.0000
L25	190	AL7-50(1-5/8)	95.83 - 100.67	1.0000	1.0000
L25	218	Safety Line 3/8	95.83 - 100.67	1.0000	1.0000
L25	219	Climbing Rung	95.83 - 100.67	1.0000	1.0000
L26	52	CCI 4.5" x 1" Plate	95.58 - 95.83	1.0000	1.0000
L26	53	CCI 4.5" x 1" Plate	95.58 - 95.83	1.0000	1.0000
L26	54	CCI 4.5" x 1" Plate	95.58 - 95.83	1.0000	1.0000
L26	187	HCS 6X12 4AWG(1-5/8)	95.58 - 95.83	1.0000	1.0000
L26	190	AL7-50(1-5/8)	95.58 - 95.83	1.0000	1.0000
L26	218	Safety Line 3/8	95.58 - 95.83	1.0000	1.0000
L26	219	Climbing Rung	95.58 - 95.83	1.0000	1.0000
L27	52	CCI 4.5" x 1" Plate	90.58 - 95.58	1.0000	1.0000
L27	53	CCI 4.5" x 1" Plate	90.58 - 95.58	1.0000	1.0000
L27	54	CCI 4.5" x 1" Plate	90.58 - 95.58	1.0000	1.0000
L27	60	CCI 4.5" x 1" Plate	90.58 - 91.42	1.0000	1.0000
L27	61	CCI 4.5" x 1" Plate	90.58 - 91.42	1.0000	1.0000
L27	62	CCI 4.5" x 1" Plate	90.58 - 91.42	1.0000	1.0000
L27	187	HCS 6X12 4AWG(1-5/8)	90.58 - 95.58	1.0000	1.0000
L27	190	AL7-50(1-5/8)	90.58 - 95.58	1.0000	1.0000
L27	218	Safety Line 3/8	90.58 - 95.58	1.0000	1.0000
L27	219	Climbing Rung	90.58 - 95.58	1.0000	1.0000
L28	52	CCI 4.5" x 1" Plate	89.92 - 90.58	1.0000	1.0000
L28	53	CCI 4.5" x 1" Plate	89.92 - 90.58	1.0000	1.0000
L28	54	CCI 4.5" x 1" Plate	89.92 - 90.58	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L28	60	CCI 4.5" x 1" Plate	89.92 - 90.58	1.0000	1.0000
L28	61	CCI 4.5" x 1" Plate	89.92 - 90.58	1.0000	1.0000
L28	62	CCI 4.5" x 1" Plate	89.92 - 90.58	1.0000	1.0000
L28	187	HCS 6X12 4AWG(1-5/8)	89.92 - 90.58	1.0000	1.0000
L28	190	AL7-50(1-5/8)	89.92 - 90.58	1.0000	1.0000
L28	218	Safety Line 3/8	89.92 - 90.58	1.0000	1.0000
L28	219	Climbing Rung	89.92 - 90.58	1.0000	1.0000
L29	52	CCI 4.5" x 1" Plate	89.67 - 89.92	1.0000	1.0000
L29	53	CCI 4.5" x 1" Plate	89.67 - 89.92	1.0000	1.0000
L29	54	CCI 4.5" x 1" Plate	89.67 - 89.92	1.0000	1.0000
L29	60	CCI 4.5" x 1" Plate	89.67 - 89.92	1.0000	1.0000
L29	61	CCI 4.5" x 1" Plate	89.67 - 89.92	1.0000	1.0000
L29	62	CCI 4.5" x 1" Plate	89.67 - 89.92	1.0000	1.0000
L29	119	CCI 6.5" x 1.25" Plate	89.67 - 89.75	1.0000	1.0000
L29	120	CCI 6.5" x 1.25" Plate	89.67 - 89.75	1.0000	1.0000
L29	121	CCI 6.5" x 1.25" Plate	89.67 - 89.75	1.0000	1.0000
L29	187	HCS 6X12 4AWG(1-5/8)	89.67 - 89.92	1.0000	1.0000
L29	190	AL7-50(1-5/8)	89.67 - 89.92	1.0000	1.0000
L29	218	Safety Line 3/8	89.67 - 89.92	1.0000	1.0000
L29	219	Climbing Rung	89.67 - 89.92	1.0000	1.0000
L30	52	CCI 4.5" x 1" Plate	84.67 - 89.67	1.0000	1.0000
L30	53	CCI 4.5" x 1" Plate	84.67 - 89.67	1.0000	1.0000
L30	54	CCI 4.5" x 1" Plate	84.67 - 89.67	1.0000	1.0000
L30	60	CCI 4.5" x 1" Plate	84.67 - 89.67	1.0000	1.0000
L30	61	CCI 4.5" x 1" Plate	84.67 - 89.67	1.0000	1.0000
L30	62	CCI 4.5" x 1" Plate	84.67 - 89.67	1.0000	1.0000
L30	115	CCI 6.5" x 4.25" Plate	84.67 - 85.83	1.0000	1.0000
L30	116	CCI 6.5" x 4.25" Plate	84.67 - 85.83	1.0000	1.0000
L30	117	CCI 6.5" x 4.25" Plate	84.67 - 85.83	1.0000	1.0000
L30	119	CCI 6.5" x 1.25" Plate	85.83 - 89.67	1.0000	1.0000
L30	120	CCI 6.5" x 1.25" Plate	85.83 - 89.67	1.0000	1.0000
L30	121	CCI 6.5" x 1.25" Plate	85.83 - 89.67	1.0000	1.0000
L30	187	HCS 6X12 4AWG(1-5/8)	84.67 - 89.67	1.0000	1.0000
L30	190	AL7-50(1-5/8)	84.67 - 89.67	1.0000	1.0000
L30	218	Safety Line 3/8	84.67 - 89.67	1.0000	1.0000
L30	219	Climbing Rung	84.67 - 89.67	1.0000	1.0000
L31	52	CCI 4.5" x 1" Plate	81.33 - 84.67	1.0000	1.0000
L31	53	CCI 4.5" x 1" Plate	81.33 - 84.67	1.0000	1.0000
L31	54	CCI 4.5" x 1" Plate	81.33 - 84.67	1.0000	1.0000
L31	60	CCI 4.5" x 1" Plate	81.42 - 84.67	1.0000	1.0000
L31	61	CCI 4.5" x 1" Plate	81.42 - 84.67	1.0000	1.0000
L31	62	CCI 4.5" x 1" Plate	81.42 - 84.67	1.0000	1.0000
L31	115	CCI 6.5" x 4.25" Plate	80.83 - 84.67	1.0000	1.0000
L31	116	CCI 6.5" x 4.25" Plate	80.83 - 84.67	1.0000	1.0000
L31	117	CCI 6.5" x 4.25" Plate	80.83 - 84.67	1.0000	1.0000
L31	165	CCI 4.5" x 1" Plate	80.83 - 81.71	1.0000	1.0000
L31	166	CCI 4.5" x 1" Plate	80.83 - 81.71	1.0000	1.0000
L31	167	CCI 4.5" x 1" Plate	80.83 - 81.71	1.0000	1.0000
L31	169	CCI 4.5" x 3" Plate	81.71 - 83.20	1.0000	1.0000
L31	170	CCI 4.5" x 3" Plate	81.71 - 83.20	1.0000	1.0000
L31	171	CCI 4.5" x 3" Plate	81.71 - 83.20	1.0000	1.0000
L31	187	HCS 6X12 4AWG(1-5/8)	80.83 - 84.67	1.0000	1.0000
L31	190	AL7-50(1-5/8)	80.83 - 84.67	1.0000	1.0000
L31	218	Safety Line 3/8	80.83 - 84.67	1.0000	1.0000
L31	219	Climbing Rung	80.83 - 84.67	1.0000	1.0000
L32	111	CCI 6.5" x 1.25" Plate	80.33 - 80.50	1.0000	1.0000
L32	112	CCI 6.5" x 1.25" Plate	80.33 - 80.50	1.0000	1.0000
L32	113	CCI 6.5" x 1.25" Plate	80.33 - 80.50	1.0000	1.0000
L32	115	CCI 6.5" x 4.25" Plate	80.50 - 80.83	1.0000	1.0000
L32	116	CCI 6.5" x 4.25" Plate	80.50 - 80.83	1.0000	1.0000
L32	117	CCI 6.5" x 4.25" Plate	80.50 - 80.83	1.0000	1.0000
L32	165	CCI 4.5" x 1" Plate	80.33 - 80.83	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L32	166	CCI 4.5" x 1" Plate	80.33 - 80.83	1.0000	1.0000
L32	167	CCI 4.5" x 1" Plate	80.33 - 80.83	1.0000	1.0000
L32	187	HCS 6X12 4AWG(1-5/8)	80.33 - 80.83	1.0000	1.0000
L32	190	AL7-50(1-5/8)	80.33 - 80.83	1.0000	1.0000
L32	218	Safety Line 3/8	80.33 - 80.83	1.0000	1.0000
L32	219	Climbing Rung	80.33 - 80.83	1.0000	1.0000
L33	14	CCI 6" x 1" Plate	80.08 - 80.17	1.0000	1.0000
L33	15	CCI 6" x 1" Plate	80.08 - 80.17	1.0000	1.0000
L33	16	CCI 6" x 1" Plate	80.08 - 80.17	1.0000	1.0000
L33	107	CCI 6.5" x 1.25" Plate	80.08 - 80.33	1.0000	1.0000
L33	108	CCI 6.5" x 1.25" Plate	80.08 - 80.33	1.0000	1.0000
L33	109	CCI 6.5" x 1.25" Plate	80.08 - 80.33	1.0000	1.0000
L33	165	CCI 4.5" x 1" Plate	80.08 - 80.33	1.0000	1.0000
L33	166	CCI 4.5" x 1" Plate	80.08 - 80.33	1.0000	1.0000
L33	167	CCI 4.5" x 1" Plate	80.08 - 80.33	1.0000	1.0000
L33	187	HCS 6X12 4AWG(1-5/8)	80.08 - 80.33	1.0000	1.0000
L33	190	AL7-50(1-5/8)	80.08 - 80.33	1.0000	1.0000
L33	218	Safety Line 3/8	80.08 - 80.33	1.0000	1.0000
L33	219	Climbing Rung	80.08 - 80.33	1.0000	1.0000
L34	14	CCI 6" x 1" Plate	75.08 - 80.08	1.0000	1.0000
L34	15	CCI 6" x 1" Plate	75.08 - 80.08	1.0000	1.0000
L34	16	CCI 6" x 1" Plate	75.08 - 80.08	1.0000	1.0000
L34	107	CCI 6.5" x 1.25" Plate	76.50 - 80.08	1.0000	1.0000
L34	108	CCI 6.5" x 1.25" Plate	76.50 - 80.08	1.0000	1.0000
L34	109	CCI 6.5" x 1.25" Plate	76.50 - 80.08	1.0000	1.0000
L34	165	CCI 4.5" x 1" Plate	78.33 - 80.08	1.0000	1.0000
L34	166	CCI 4.5" x 1" Plate	78.33 - 80.08	1.0000	1.0000
L34	167	CCI 4.5" x 1" Plate	78.33 - 80.08	1.0000	1.0000
L34	187	HCS 6X12 4AWG(1-5/8)	75.08 - 80.08	1.0000	1.0000
L34	190	AL7-50(1-5/8)	75.08 - 80.08	1.0000	1.0000
L34	218	Safety Line 3/8	75.08 - 80.08	1.0000	1.0000
L34	219	Climbing Rung	75.08 - 80.08	1.0000	1.0000
L35	14	CCI 6" x 1" Plate	70.08 - 75.08	1.0000	1.0000
L35	15	CCI 6" x 1" Plate	70.08 - 75.08	1.0000	1.0000
L35	16	CCI 6" x 1" Plate	70.08 - 75.08	1.0000	1.0000
L35	47	CCI 4.5" x 1" Plate	70.08 - 71.00	1.0000	1.0000
L35	48	CCI 4.5" x 1" Plate	70.08 - 71.00	1.0000	1.0000
L35	49	CCI 4.5" x 1" Plate	70.08 - 71.00	1.0000	1.0000
L35	50	CCI 4.5" x 1" Plate	70.08 - 71.00	1.0000	1.0000
L35	100	CCI 8.5" x 1.25" Plate	70.08 - 73.42	1.0000	1.0000
L35	101	CCI 8.5" x 1.25" Plate	70.08 - 73.42	1.0000	1.0000
L35	102	CCI 8.5" x 1.25" Plate	70.08 - 73.42	1.0000	1.0000
L35	103	CCI 8.5" x 1.25" Plate	70.08 - 73.42	1.0000	1.0000
L35	104	CCI 8.5" x 1.25" Plate	70.08 - 73.42	1.0000	1.0000
L35	105	CCI 8.5" x 1.25" Plate	70.08 - 73.42	1.0000	1.0000
L35	187	HCS 6X12 4AWG(1-5/8)	70.08 - 75.08	1.0000	1.0000
L35	190	AL7-50(1-5/8)	70.08 - 75.08	1.0000	1.0000
L35	218	Safety Line 3/8	70.08 - 75.08	1.0000	1.0000
L35	219	Climbing Rung	70.08 - 75.08	1.0000	1.0000
L36	14	CCI 6" x 1" Plate	69.50 - 70.08	1.0000	1.0000
L36	15	CCI 6" x 1" Plate	69.50 - 70.08	1.0000	1.0000
L36	16	CCI 6" x 1" Plate	69.50 - 70.08	1.0000	1.0000
L36	47	CCI 4.5" x 1" Plate	69.50 - 70.08	1.0000	1.0000
L36	48	CCI 4.5" x 1" Plate	69.50 - 70.08	1.0000	1.0000
L36	49	CCI 4.5" x 1" Plate	69.50 - 70.08	1.0000	1.0000
L36	50	CCI 4.5" x 1" Plate	69.50 - 70.08	1.0000	1.0000
L36	100	CCI 8.5" x 1.25" Plate	69.50 - 70.08	1.0000	1.0000
L36	101	CCI 8.5" x 1.25" Plate	69.50 - 70.08	1.0000	1.0000
L36	102	CCI 8.5" x 1.25" Plate	69.50 - 70.08	1.0000	1.0000
L36	103	CCI 8.5" x 1.25" Plate	69.50 - 70.08	1.0000	1.0000
L36	104	CCI 8.5" x 1.25" Plate	69.50 - 70.08	1.0000	1.0000
L36	105	CCI 8.5" x 1.25" Plate	69.50 - 70.08	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L36	187	HCS 6X12 4AWG(1-5/8)	69.50 - 70.08	1.0000	1.0000
L36	190	AL7-50(1-5/8)	69.50 - 70.08	1.0000	1.0000
L36	218	Safety Line 3/8	69.50 - 70.08	1.0000	1.0000
L36	219	Climbing Rung	69.50 - 70.08	1.0000	1.0000
L37	14	CCI 6" x 1" Plate	69.25 - 69.50	1.0000	1.0000
L37	15	CCI 6" x 1" Plate	69.25 - 69.50	1.0000	1.0000
L37	16	CCI 6" x 1" Plate	69.25 - 69.50	1.0000	1.0000
L37	47	CCI 4.5" x 1" Plate	69.25 - 69.50	1.0000	1.0000
L37	48	CCI 4.5" x 1" Plate	69.25 - 69.50	1.0000	1.0000
L37	49	CCI 4.5" x 1" Plate	69.25 - 69.50	1.0000	1.0000
L37	50	CCI 4.5" x 1" Plate	69.25 - 69.50	1.0000	1.0000
L37	100	CCI 8.5" x 1.25" Plate	69.25 - 69.50	1.0000	1.0000
L37	101	CCI 8.5" x 1.25" Plate	69.25 - 69.50	1.0000	1.0000
L37	102	CCI 8.5" x 1.25" Plate	69.25 - 69.50	1.0000	1.0000
L37	103	CCI 8.5" x 1.25" Plate	69.25 - 69.50	1.0000	1.0000
L37	104	CCI 8.5" x 1.25" Plate	69.25 - 69.50	1.0000	1.0000
L37	105	CCI 8.5" x 1.25" Plate	69.25 - 69.50	1.0000	1.0000
L37	187	HCS 6X12 4AWG(1-5/8)	69.25 - 69.50	1.0000	1.0000
L37	190	AL7-50(1-5/8)	69.25 - 69.50	1.0000	1.0000
L37	218	Safety Line 3/8	69.25 - 69.50	1.0000	1.0000
L37	219	Climbing Rung	69.25 - 69.50	1.0000	1.0000
L38	14	CCI 6" x 1" Plate	64.25 - 69.25	1.0000	1.0000
L38	15	CCI 6" x 1" Plate	64.25 - 69.25	1.0000	1.0000
L38	16	CCI 6" x 1" Plate	64.25 - 69.25	1.0000	1.0000
L38	27	1" x 2" Plate	64.25 - 66.17	1.0000	1.0000
L38	28	1" x 2" Plate	64.25 - 66.17	1.0000	1.0000
L38	29	1" x 2" Plate	64.25 - 66.17	1.0000	1.0000
L38	30	1" x 2" Plate	64.25 - 66.17	1.0000	1.0000
L38	47	CCI 4.5" x 1" Plate	64.25 - 69.25	1.0000	1.0000
L38	48	CCI 4.5" x 1" Plate	64.25 - 69.25	1.0000	1.0000
L38	49	CCI 4.5" x 1" Plate	64.25 - 69.25	1.0000	1.0000
L38	50	CCI 4.5" x 1" Plate	64.25 - 69.25	1.0000	1.0000
L38	93	CCI 8.5" x 4.25" Plate	64.25 - 68.42	1.0000	1.0000
L38	94	CCI 8.5" x 4.25" Plate	64.25 - 68.42	1.0000	1.0000
L38	95	CCI 8.5" x 4.25" Plate	64.25 - 68.42	1.0000	1.0000
L38	96	CCI 8.5" x 4.25" Plate	64.25 - 68.42	1.0000	1.0000
L38	97	CCI 8.5" x 4.25" Plate	64.25 - 68.42	1.0000	1.0000
L38	98	CCI 8.5" x 4.25" Plate	64.25 - 68.42	1.0000	1.0000
L38	100	CCI 8.5" x 1.25" Plate	68.42 - 69.25	1.0000	1.0000
L38	101	CCI 8.5" x 1.25" Plate	68.42 - 69.25	1.0000	1.0000
L38	102	CCI 8.5" x 1.25" Plate	68.42 - 69.25	1.0000	1.0000
L38	103	CCI 8.5" x 1.25" Plate	68.42 - 69.25	1.0000	1.0000
L38	104	CCI 8.5" x 1.25" Plate	68.42 - 69.25	1.0000	1.0000
L38	105	CCI 8.5" x 1.25" Plate	68.42 - 69.25	1.0000	1.0000
L38	187	HCS 6X12 4AWG(1-5/8)	64.25 - 69.25	1.0000	1.0000
L38	190	AL7-50(1-5/8)	64.25 - 69.25	1.0000	1.0000
L38	218	Safety Line 3/8	64.25 - 69.25	1.0000	1.0000
L38	219	Climbing Rung	64.25 - 69.25	1.0000	1.0000
L39	14	CCI 6" x 1" Plate	61.17 - 64.25	1.0000	1.0000
L39	15	CCI 6" x 1" Plate	61.17 - 64.25	1.0000	1.0000
L39	16	CCI 6" x 1" Plate	61.17 - 64.25	1.0000	1.0000
L39	27	1" x 2" Plate	61.08 - 64.25	1.0000	1.0000
L39	28	1" x 2" Plate	61.08 - 64.25	1.0000	1.0000
L39	29	1" x 2" Plate	61.08 - 64.25	1.0000	1.0000
L39	30	1" x 2" Plate	61.08 - 64.25	1.0000	1.0000
L39	47	CCI 4.5" x 1" Plate	61.00 - 64.25	1.0000	1.0000
L39	48	CCI 4.5" x 1" Plate	61.00 - 64.25	1.0000	1.0000
L39	49	CCI 4.5" x 1" Plate	61.00 - 64.25	1.0000	1.0000
L39	50	CCI 4.5" x 1" Plate	61.00 - 64.25	1.0000	1.0000
L39	86	CCI 8.5" x 1.25" Plate	60.58 - 61.08	1.0000	1.0000
L39	87	CCI 8.5" x 1.25" Plate	60.58 - 61.08	1.0000	1.0000
L39	88	CCI 8.5" x 1.25" Plate	60.58 - 61.08	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L39	89	CCI 8.5" x 1.25" Plate	60.58 - 61.08	1.0000	1.0000
L39	90	CCI 8.5" x 1.25" Plate	60.58 - 61.08	1.0000	1.0000
L39	91	CCI 8.5" x 1.25" Plate	60.58 - 61.08	1.0000	1.0000
L39	93	CCI 8.5" x 4.25" Plate	61.08 - 64.25	1.0000	1.0000
L39	94	CCI 8.5" x 4.25" Plate	61.08 - 64.25	1.0000	1.0000
L39	95	CCI 8.5" x 4.25" Plate	61.08 - 64.25	1.0000	1.0000
L39	96	CCI 8.5" x 4.25" Plate	61.08 - 64.25	1.0000	1.0000
L39	97	CCI 8.5" x 4.25" Plate	61.08 - 64.25	1.0000	1.0000
L39	98	CCI 8.5" x 4.25" Plate	61.08 - 64.25	1.0000	1.0000
L39	155	CCI 4.5" x 1" Plate	60.58 - 61.46	1.0000	1.0000
L39	156	CCI 4.5" x 1" Plate	60.58 - 61.46	1.0000	1.0000
L39	157	CCI 4.5" x 1" Plate	60.58 - 61.46	1.0000	1.0000
L39	158	CCI 4.5" x 1" Plate	60.58 - 61.46	1.0000	1.0000
L39	160	CCI 4.5" x 3" Plate	61.55 - 62.96	1.0000	1.0000
L39	161	CCI 4.5" x 3" Plate	61.55 - 62.96	1.0000	1.0000
L39	162	CCI 4.5" x 3" Plate	61.55 - 62.96	1.0000	1.0000
L39	163	CCI 4.5" x 3" Plate	61.55 - 62.96	1.0000	1.0000
L39	187	HCS 6X12 4AWG(1-5/8)	60.58 - 64.25	1.0000	1.0000
L39	190	AL7-50(1-5/8)	60.58 - 64.25	1.0000	1.0000
L39	218	Safety Line 3/8	60.58 - 64.25	1.0000	1.0000
L39	219	Climbing Rung	60.58 - 64.25	1.0000	1.0000
L40	86	CCI 8.5" x 1.25" Plate	60.33 - 60.58	1.0000	1.0000
L40	87	CCI 8.5" x 1.25" Plate	60.33 - 60.58	1.0000	1.0000
L40	88	CCI 8.5" x 1.25" Plate	60.33 - 60.58	1.0000	1.0000
L40	89	CCI 8.5" x 1.25" Plate	60.33 - 60.58	1.0000	1.0000
L40	90	CCI 8.5" x 1.25" Plate	60.33 - 60.58	1.0000	1.0000
L40	91	CCI 8.5" x 1.25" Plate	60.33 - 60.58	1.0000	1.0000
L40	155	CCI 4.5" x 1" Plate	60.33 - 60.58	1.0000	1.0000
L40	156	CCI 4.5" x 1" Plate	60.33 - 60.58	1.0000	1.0000
L40	157	CCI 4.5" x 1" Plate	60.33 - 60.58	1.0000	1.0000
L40	158	CCI 4.5" x 1" Plate	60.33 - 60.58	1.0000	1.0000
L40	187	HCS 6X12 4AWG(1-5/8)	60.33 - 60.58	1.0000	1.0000
L40	190	AL7-50(1-5/8)	60.33 - 60.58	1.0000	1.0000
L40	218	Safety Line 3/8	60.33 - 60.58	1.0000	1.0000
L40	219	Climbing Rung	60.33 - 60.58	1.0000	1.0000
L41	10	CCI 6.5" x 1.25" Plate	55.33 - 59.92	1.0000	1.0000
L41	11	CCI 6.5" x 1.25" Plate	55.33 - 59.92	1.0000	1.0000
L41	12	CCI 6.5" x 1.25" Plate	55.33 - 59.92	1.0000	1.0000
L41	79	CCI 8.5" x 1.25" Plate	55.33 - 60.08	1.0000	1.0000
L41	80	CCI 8.5" x 1.25" Plate	55.33 - 60.08	1.0000	1.0000
L41	81	CCI 8.5" x 1.25" Plate	55.33 - 60.08	1.0000	1.0000
L41	82	CCI 8.5" x 1.25" Plate	55.33 - 60.08	1.0000	1.0000
L41	83	CCI 8.5" x 1.25" Plate	55.33 - 60.08	1.0000	1.0000
L41	84	CCI 8.5" x 1.25" Plate	55.33 - 60.08	1.0000	1.0000
L41	86	CCI 8.5" x 1.25" Plate	60.08 - 60.33	1.0000	1.0000
L41	87	CCI 8.5" x 1.25" Plate	60.08 - 60.33	1.0000	1.0000
L41	88	CCI 8.5" x 1.25" Plate	60.08 - 60.33	1.0000	1.0000
L41	89	CCI 8.5" x 1.25" Plate	60.08 - 60.33	1.0000	1.0000
L41	90	CCI 8.5" x 1.25" Plate	60.08 - 60.33	1.0000	1.0000
L41	91	CCI 8.5" x 1.25" Plate	60.08 - 60.33	1.0000	1.0000
L41	155	CCI 4.5" x 1" Plate	58.00 - 60.33	1.0000	1.0000
L41	156	CCI 4.5" x 1" Plate	58.00 - 60.33	1.0000	1.0000
L41	157	CCI 4.5" x 1" Plate	58.00 - 60.33	1.0000	1.0000
L41	158	CCI 4.5" x 1" Plate	58.00 - 60.33	1.0000	1.0000
L41	187	HCS 6X12 4AWG(1-5/8)	55.33 - 60.33	1.0000	1.0000
L41	190	AL7-50(1-5/8)	55.33 - 60.33	1.0000	1.0000
L41	218	Safety Line 3/8	55.33 - 60.33	1.0000	1.0000
L41	219	Climbing Rung	55.33 - 60.33	1.0000	1.0000
L42	10	CCI 6.5" x 1.25" Plate	52.17 - 55.33	1.0000	1.0000
L42	11	CCI 6.5" x 1.25" Plate	52.17 - 55.33	1.0000	1.0000
L42	12	CCI 6.5" x 1.25" Plate	52.17 - 55.33	1.0000	1.0000
L42	79	CCI 8.5" x 1.25" Plate	55.25 - 55.33	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L42	80	CCI 8.5" x 1.25" Plate	55.25 - 55.33	1.0000	1.0000
L42	81	CCI 8.5" x 1.25" Plate	55.25 - 55.33	1.0000	1.0000
L42	82	CCI 8.5" x 1.25" Plate	55.25 - 55.33	1.0000	1.0000
L42	83	CCI 8.5" x 1.25" Plate	55.25 - 55.33	1.0000	1.0000
L42	84	CCI 8.5" x 1.25" Plate	55.25 - 55.33	1.0000	1.0000
L42	187	HCS 6X12 4AWG(1-5/8)	52.17 - 55.33	1.0000	1.0000
L42	190	AL7-50(1-5/8)	52.17 - 55.33	1.0000	1.0000
L42	218	Safety Line 3/8	52.17 - 55.33	1.0000	1.0000
L42	219	Climbing Rung	52.17 - 55.33	1.0000	1.0000
L43	10	CCI 6.5" x 1.25" Plate	51.92 - 52.17	1.0000	1.0000
L43	11	CCI 6.5" x 1.25" Plate	51.92 - 52.17	1.0000	1.0000
L43	12	CCI 6.5" x 1.25" Plate	51.92 - 52.17	1.0000	1.0000
L43	187	HCS 6X12 4AWG(1-5/8)	51.92 - 52.17	1.0000	1.0000
L43	190	AL7-50(1-5/8)	51.92 - 52.17	1.0000	1.0000
L43	218	Safety Line 3/8	51.92 - 52.17	1.0000	1.0000
L43	219	Climbing Rung	51.92 - 52.17	1.0000	1.0000
L44	10	CCI 6.5" x 1.25" Plate	46.92 - 51.92	1.0000	1.0000
L44	11	CCI 6.5" x 1.25" Plate	46.92 - 51.92	1.0000	1.0000
L44	12	CCI 6.5" x 1.25" Plate	46.92 - 51.92	1.0000	1.0000
L44	22	1" x 2" Plate	46.92 - 50.42	1.0000	1.0000
L44	23	1" x 2" Plate	46.92 - 50.42	1.0000	1.0000
L44	24	1" x 2" Plate	46.92 - 50.42	1.0000	1.0000
L44	25	1" x 2" Plate	46.92 - 50.42	1.0000	1.0000
L44	42	CCI 6" x 1" Plate	46.92 - 50.17	1.0000	1.0000
L44	43	CCI 6" x 1" Plate	46.92 - 50.17	1.0000	1.0000
L44	44	CCI 6" x 1" Plate	46.92 - 50.17	1.0000	1.0000
L44	45	CCI 6" x 1" Plate	46.92 - 50.17	1.0000	1.0000
L44	72	CCI 6.5" x 1.25" Plate	46.92 - 47.83	1.0000	1.0000
L44	73	CCI 6.5" x 1.25" Plate	46.92 - 47.83	1.0000	1.0000
L44	74	CCI 6.5" x 1.25" Plate	46.92 - 47.83	1.0000	1.0000
L44	75	CCI 6.5" x 1.25" Plate	46.92 - 47.83	1.0000	1.0000
L44	76	CCI 6.5" x 1.25" Plate	46.92 - 47.83	1.0000	1.0000
L44	77	CCI 6.5" x 1.25" Plate	46.92 - 47.83	1.0000	1.0000
L44	187	HCS 6X12 4AWG(1-5/8)	46.92 - 51.92	1.0000	1.0000
L44	190	AL7-50(1-5/8)	46.92 - 51.92	1.0000	1.0000
L44	218	Safety Line 3/8	46.92 - 51.92	1.0000	1.0000
L44	219	Climbing Rung	46.92 - 51.92	1.0000	1.0000
L45	10	CCI 6.5" x 1.25" Plate	41.92 - 46.92	1.0000	1.0000
L45	11	CCI 6.5" x 1.25" Plate	41.92 - 46.92	1.0000	1.0000
L45	12	CCI 6.5" x 1.25" Plate	41.92 - 46.92	1.0000	1.0000
L45	22	1" x 2" Plate	41.92 - 46.92	1.0000	1.0000
L45	23	1" x 2" Plate	41.92 - 46.92	1.0000	1.0000
L45	24	1" x 2" Plate	41.92 - 46.92	1.0000	1.0000
L45	25	1" x 2" Plate	41.92 - 46.92	1.0000	1.0000
L45	42	CCI 6" x 1" Plate	41.92 - 46.92	1.0000	1.0000
L45	43	CCI 6" x 1" Plate	41.92 - 46.92	1.0000	1.0000
L45	44	CCI 6" x 1" Plate	41.92 - 46.92	1.0000	1.0000
L45	45	CCI 6" x 1" Plate	41.92 - 46.92	1.0000	1.0000
L45	72	CCI 6.5" x 1.25" Plate	41.92 - 46.92	1.0000	1.0000
L45	73	CCI 6.5" x 1.25" Plate	41.92 - 46.92	1.0000	1.0000
L45	74	CCI 6.5" x 1.25" Plate	41.92 - 46.92	1.0000	1.0000
L45	75	CCI 6.5" x 1.25" Plate	41.92 - 46.92	1.0000	1.0000
L45	76	CCI 6.5" x 1.25" Plate	41.92 - 46.92	1.0000	1.0000
L45	77	CCI 6.5" x 1.25" Plate	41.92 - 46.92	1.0000	1.0000
L45	187	HCS 6X12 4AWG(1-5/8)	41.92 - 46.92	1.0000	1.0000
L45	190	AL7-50(1-5/8)	41.92 - 46.92	1.0000	1.0000
L45	218	Safety Line 3/8	41.92 - 46.92	1.0000	1.0000
L45	219	Climbing Rung	41.92 - 46.92	1.0000	1.0000
L46	10	CCI 6.5" x 1.25" Plate	40.83 - 41.92	1.0000	1.0000
L46	11	CCI 6.5" x 1.25" Plate	40.83 - 41.92	1.0000	1.0000
L46	12	CCI 6.5" x 1.25" Plate	40.83 - 41.92	1.0000	1.0000
L46	22	1" x 2" Plate	40.58 - 41.92	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L46	23	1" x 2" Plate	40.58 - 41.92	1.0000	1.0000
L46	24	1" x 2" Plate	40.58 - 41.92	1.0000	1.0000
L46	25	1" x 2" Plate	40.58 - 41.92	1.0000	1.0000
L46	42	CCI 6" x 1" Plate	40.33 - 41.92	1.0000	1.0000
L46	43	CCI 6" x 1" Plate	40.33 - 41.92	1.0000	1.0000
L46	44	CCI 6" x 1" Plate	40.33 - 41.92	1.0000	1.0000
L46	45	CCI 6" x 1" Plate	40.33 - 41.92	1.0000	1.0000
L46	72	CCI 6.5" x 1.25" Plate	40.33 - 41.92	1.0000	1.0000
L46	73	CCI 6.5" x 1.25" Plate	40.33 - 41.92	1.0000	1.0000
L46	74	CCI 6.5" x 1.25" Plate	40.33 - 41.92	1.0000	1.0000
L46	75	CCI 6.5" x 1.25" Plate	40.33 - 41.92	1.0000	1.0000
L46	76	CCI 6.5" x 1.25" Plate	40.33 - 41.92	1.0000	1.0000
L46	77	CCI 6.5" x 1.25" Plate	40.33 - 41.92	1.0000	1.0000
L46	187	HCS 6X12 4AWG(1-5/8)	40.33 - 41.92	1.0000	1.0000
L46	190	AL7-50(1-5/8)	40.33 - 41.92	1.0000	1.0000
L46	218	Safety Line 3/8	40.33 - 41.92	1.0000	1.0000
L46	219	Climbing Rung	40.33 - 41.92	1.0000	1.0000
L47	42	CCI 6" x 1" Plate	40.08 - 40.33	1.0000	1.0000
L47	43	CCI 6" x 1" Plate	40.08 - 40.33	1.0000	1.0000
L47	44	CCI 6" x 1" Plate	40.08 - 40.33	1.0000	1.0000
L47	45	CCI 6" x 1" Plate	40.08 - 40.33	1.0000	1.0000
L47	72	CCI 6.5" x 1.25" Plate	40.08 - 40.33	1.0000	1.0000
L47	73	CCI 6.5" x 1.25" Plate	40.08 - 40.33	1.0000	1.0000
L47	74	CCI 6.5" x 1.25" Plate	40.08 - 40.33	1.0000	1.0000
L47	75	CCI 6.5" x 1.25" Plate	40.08 - 40.33	1.0000	1.0000
L47	76	CCI 6.5" x 1.25" Plate	40.08 - 40.33	1.0000	1.0000
L47	77	CCI 6.5" x 1.25" Plate	40.08 - 40.33	1.0000	1.0000
L47	187	HCS 6X12 4AWG(1-5/8)	40.08 - 40.33	1.0000	1.0000
L47	190	AL7-50(1-5/8)	40.08 - 40.33	1.0000	1.0000
L47	218	Safety Line 3/8	40.08 - 40.33	1.0000	1.0000
L47	219	Climbing Rung	40.08 - 40.33	1.0000	1.0000
L48	6	CCI 6" x 1" Plate	35.08 - 39.75	1.0000	1.0000
L48	7	CCI 6" x 1" Plate	35.08 - 39.75	1.0000	1.0000
L48	8	CCI 6" x 1" Plate	35.08 - 39.75	1.0000	1.0000
L48	42	CCI 6" x 1" Plate	37.17 - 40.08	1.0000	1.0000
L48	43	CCI 6" x 1" Plate	37.17 - 40.08	1.0000	1.0000
L48	44	CCI 6" x 1" Plate	37.17 - 40.08	1.0000	1.0000
L48	45	CCI 6" x 1" Plate	37.17 - 40.08	1.0000	1.0000
L48	72	CCI 6.5" x 1.25" Plate	35.08 - 40.08	1.0000	1.0000
L48	73	CCI 6.5" x 1.25" Plate	35.08 - 40.08	1.0000	1.0000
L48	74	CCI 6.5" x 1.25" Plate	35.08 - 40.08	1.0000	1.0000
L48	75	CCI 6.5" x 1.25" Plate	35.08 - 40.08	1.0000	1.0000
L48	76	CCI 6.5" x 1.25" Plate	35.08 - 40.08	1.0000	1.0000
L48	77	CCI 6.5" x 1.25" Plate	35.08 - 40.08	1.0000	1.0000
L48	187	HCS 6X12 4AWG(1-5/8)	35.08 - 40.08	1.0000	1.0000
L48	190	AL7-50(1-5/8)	35.08 - 40.08	1.0000	1.0000
L48	218	Safety Line 3/8	35.08 - 40.08	1.0000	1.0000
L48	219	Climbing Rung	35.08 - 40.08	1.0000	1.0000
L49	6	CCI 6" x 1" Plate	30.08 - 35.08	1.0000	1.0000
L49	7	CCI 6" x 1" Plate	30.08 - 35.08	1.0000	1.0000
L49	8	CCI 6" x 1" Plate	30.08 - 35.08	1.0000	1.0000
L49	72	CCI 6.5" x 1.25" Plate	32.83 - 35.08	1.0000	1.0000
L49	73	CCI 6.5" x 1.25" Plate	32.83 - 35.08	1.0000	1.0000
L49	74	CCI 6.5" x 1.25" Plate	32.83 - 35.08	1.0000	1.0000
L49	75	CCI 6.5" x 1.25" Plate	32.83 - 35.08	1.0000	1.0000
L49	76	CCI 6.5" x 1.25" Plate	32.83 - 35.08	1.0000	1.0000
L49	77	CCI 6.5" x 1.25" Plate	32.83 - 35.08	1.0000	1.0000
L49	187	HCS 6X12 4AWG(1-5/8)	30.08 - 35.08	1.0000	1.0000
L49	190	AL7-50(1-5/8)	30.08 - 35.08	1.0000	1.0000
L49	218	Safety Line 3/8	30.08 - 35.08	1.0000	1.0000
L49	219	Climbing Rung	30.08 - 35.08	1.0000	1.0000
L50	6	CCI 6" x 1" Plate	28.00 - 30.08	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L50	7	CCI 6" x 1" Plate	28.00 - 30.08	1.0000	1.0000
L50	8	CCI 6" x 1" Plate	28.00 - 30.08	1.0000	1.0000
L50	37	CCI 6" x 1" Plate	28.00 - 30.00	1.0000	1.0000
L50	38	CCI 6" x 1" Plate	28.00 - 30.00	1.0000	1.0000
L50	39	CCI 6" x 1" Plate	28.00 - 30.00	1.0000	1.0000
L50	40	CCI 6" x 1" Plate	28.00 - 30.00	1.0000	1.0000
L50	187	HCS 6X12 4AWG(1-5/8)	28.00 - 30.08	1.0000	1.0000
L50	190	AL7-50(1-5/8)	28.00 - 30.08	1.0000	1.0000
L50	218	Safety Line 3/8	28.00 - 30.08	1.0000	1.0000
L50	219	Climbing Rung	28.00 - 30.08	1.0000	1.0000
L51	6	CCI 6" x 1" Plate	27.75 - 28.00	1.0000	1.0000
L51	7	CCI 6" x 1" Plate	27.75 - 28.00	1.0000	1.0000
L51	8	CCI 6" x 1" Plate	27.75 - 28.00	1.0000	1.0000
L51	37	CCI 6" x 1" Plate	27.75 - 28.00	1.0000	1.0000
L51	38	CCI 6" x 1" Plate	27.75 - 28.00	1.0000	1.0000
L51	39	CCI 6" x 1" Plate	27.75 - 28.00	1.0000	1.0000
L51	40	CCI 6" x 1" Plate	27.75 - 28.00	1.0000	1.0000
L51	187	HCS 6X12 4AWG(1-5/8)	27.75 - 28.00	1.0000	1.0000
L51	190	AL7-50(1-5/8)	27.75 - 28.00	1.0000	1.0000
L51	218	Safety Line 3/8	27.75 - 28.00	1.0000	1.0000
L51	219	Climbing Rung	27.75 - 28.00	1.0000	1.0000
L52	6	CCI 6" x 1" Plate	22.75 - 27.75	1.0000	1.0000
L52	7	CCI 6" x 1" Plate	22.75 - 27.75	1.0000	1.0000
L52	8	CCI 6" x 1" Plate	22.75 - 27.75	1.0000	1.0000
L52	37	CCI 6" x 1" Plate	22.75 - 27.75	1.0000	1.0000
L52	38	CCI 6" x 1" Plate	22.75 - 27.75	1.0000	1.0000
L52	39	CCI 6" x 1" Plate	22.75 - 27.75	1.0000	1.0000
L52	40	CCI 6" x 1" Plate	22.75 - 27.75	1.0000	1.0000
L52	65	CCI 6.5" x 1.25" Plate	22.75 - 27.50	1.0000	1.0000
L52	66	CCI 6.5" x 1.25" Plate	22.75 - 27.50	1.0000	1.0000
L52	67	CCI 6.5" x 1.25" Plate	22.75 - 27.50	1.0000	1.0000
L52	68	CCI 6.5" x 1.25" Plate	22.75 - 27.50	1.0000	1.0000
L52	69	CCI 6.5" x 1.25" Plate	22.75 - 27.50	1.0000	1.0000
L52	70	CCI 6.5" x 1.25" Plate	22.75 - 27.50	1.0000	1.0000
L52	187	HCS 6X12 4AWG(1-5/8)	22.75 - 27.75	1.0000	1.0000
L52	190	AL7-50(1-5/8)	22.75 - 27.75	1.0000	1.0000
L52	218	Safety Line 3/8	22.75 - 27.75	1.0000	1.0000
L52	219	Climbing Rung	22.75 - 27.75	1.0000	1.0000
L53	6	CCI 6" x 1" Plate	20.75 - 22.75	1.0000	1.0000
L53	7	CCI 6" x 1" Plate	20.75 - 22.75	1.0000	1.0000
L53	8	CCI 6" x 1" Plate	20.75 - 22.75	1.0000	1.0000
L53	37	CCI 6" x 1" Plate	20.08 - 22.75	1.0000	1.0000
L53	38	CCI 6" x 1" Plate	20.08 - 22.75	1.0000	1.0000
L53	39	CCI 6" x 1" Plate	20.08 - 22.75	1.0000	1.0000
L53	40	CCI 6" x 1" Plate	20.08 - 22.75	1.0000	1.0000
L53	65	CCI 6.5" x 1.25" Plate	20.08 - 22.75	1.0000	1.0000
L53	66	CCI 6.5" x 1.25" Plate	20.08 - 22.75	1.0000	1.0000
L53	67	CCI 6.5" x 1.25" Plate	20.08 - 22.75	1.0000	1.0000
L53	68	CCI 6.5" x 1.25" Plate	20.08 - 22.75	1.0000	1.0000
L53	69	CCI 6.5" x 1.25" Plate	20.08 - 22.75	1.0000	1.0000
L53	70	CCI 6.5" x 1.25" Plate	20.08 - 22.75	1.0000	1.0000
L53	187	HCS 6X12 4AWG(1-5/8)	20.08 - 22.75	1.0000	1.0000
L53	190	AL7-50(1-5/8)	20.08 - 22.75	1.0000	1.0000
L53	218	Safety Line 3/8	20.08 - 22.75	1.0000	1.0000
L53	219	Climbing Rung	20.08 - 22.75	1.0000	1.0000
L54	37	CCI 6" x 1" Plate	19.83 - 20.08	1.0000	1.0000
L54	38	CCI 6" x 1" Plate	19.83 - 20.08	1.0000	1.0000
L54	39	CCI 6" x 1" Plate	19.83 - 20.08	1.0000	1.0000
L54	40	CCI 6" x 1" Plate	19.83 - 20.08	1.0000	1.0000
L54	65	CCI 6.5" x 1.25" Plate	19.83 - 20.08	1.0000	1.0000
L54	66	CCI 6.5" x 1.25" Plate	19.83 - 20.08	1.0000	1.0000
L54	67	CCI 6.5" x 1.25" Plate	19.83 - 20.08	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L54	68	CCI 6.5" x 1.25" Plate	19.83 - 20.08	1.0000	1.0000
L54	69	CCI 6.5" x 1.25" Plate	19.83 - 20.08	1.0000	1.0000
L54	70	CCI 6.5" x 1.25" Plate	19.83 - 20.08	1.0000	1.0000
L54	187	HCS 6X12 4AWG(1-5/8)	19.83 - 20.08	1.0000	1.0000
L54	190	AL7-50(1-5/8)	19.83 - 20.08	1.0000	1.0000
L54	218	Safety Line 3/8	19.83 - 20.08	1.0000	1.0000
L54	219	Climbing Rung	19.83 - 20.08	1.0000	1.0000
L55	32	CCI 6" x 1" Plate	17.00 - 19.00	1.0000	1.0000
L55	33	CCI 6" x 1" Plate	17.00 - 19.00	1.0000	1.0000
L55	34	CCI 6" x 1" Plate	17.00 - 19.00	1.0000	1.0000
L55	35	CCI 6" x 1" Plate	17.00 - 19.00	1.0000	1.0000
L55	37	CCI 6" x 1" Plate	17.00 - 19.83	1.0000	1.0000
L55	38	CCI 6" x 1" Plate	17.00 - 19.83	1.0000	1.0000
L55	39	CCI 6" x 1" Plate	17.00 - 19.83	1.0000	1.0000
L55	40	CCI 6" x 1" Plate	17.00 - 19.83	1.0000	1.0000
L55	65	CCI 6.5" x 1.25" Plate	17.00 - 19.83	1.0000	1.0000
L55	66	CCI 6.5" x 1.25" Plate	17.00 - 19.83	1.0000	1.0000
L55	67	CCI 6.5" x 1.25" Plate	17.00 - 19.83	1.0000	1.0000
L55	68	CCI 6.5" x 1.25" Plate	17.00 - 19.83	1.0000	1.0000
L55	69	CCI 6.5" x 1.25" Plate	17.00 - 19.83	1.0000	1.0000
L55	70	CCI 6.5" x 1.25" Plate	17.00 - 19.83	1.0000	1.0000
L55	187	HCS 6X12 4AWG(1-5/8)	17.00 - 19.83	1.0000	1.0000
L55	190	AL7-50(1-5/8)	17.00 - 19.83	1.0000	1.0000
L55	218	Safety Line 3/8	17.00 - 19.83	1.0000	1.0000
L55	219	Climbing Rung	17.00 - 19.83	1.0000	1.0000
L56	32	CCI 6" x 1" Plate	16.75 - 17.00	1.0000	1.0000
L56	33	CCI 6" x 1" Plate	16.75 - 17.00	1.0000	1.0000
L56	34	CCI 6" x 1" Plate	16.75 - 17.00	1.0000	1.0000
L56	35	CCI 6" x 1" Plate	16.75 - 17.00	1.0000	1.0000
L56	65	CCI 6.5" x 1.25" Plate	16.75 - 17.00	1.0000	1.0000
L56	66	CCI 6.5" x 1.25" Plate	16.75 - 17.00	1.0000	1.0000
L56	67	CCI 6.5" x 1.25" Plate	16.75 - 17.00	1.0000	1.0000
L56	68	CCI 6.5" x 1.25" Plate	16.75 - 17.00	1.0000	1.0000
L56	69	CCI 6.5" x 1.25" Plate	16.75 - 17.00	1.0000	1.0000
L56	70	CCI 6.5" x 1.25" Plate	16.75 - 17.00	1.0000	1.0000
L56	187	HCS 6X12 4AWG(1-5/8)	16.75 - 17.00	1.0000	1.0000
L56	190	AL7-50(1-5/8)	16.75 - 17.00	1.0000	1.0000
L56	218	Safety Line 3/8	16.75 - 17.00	1.0000	1.0000
L56	219	Climbing Rung	16.75 - 17.00	1.0000	1.0000
L57	4	CCI 4" x 0.75" Plate	11.65 - 13.17	1.0000	1.0000
L57	32	CCI 6" x 1" Plate	11.65 - 16.75	1.0000	1.0000
L57	33	CCI 6" x 1" Plate	11.65 - 16.75	1.0000	1.0000
L57	34	CCI 6" x 1" Plate	11.65 - 16.75	1.0000	1.0000
L57	35	CCI 6" x 1" Plate	11.65 - 16.75	1.0000	1.0000
L57	65	CCI 6.5" x 1.25" Plate	12.67 - 16.75	1.0000	1.0000
L57	66	CCI 6.5" x 1.25" Plate	12.67 - 16.75	1.0000	1.0000
L57	67	CCI 6.5" x 1.25" Plate	12.67 - 16.75	1.0000	1.0000
L57	68	CCI 6.5" x 1.25" Plate	12.67 - 16.75	1.0000	1.0000
L57	69	CCI 6.5" x 1.25" Plate	12.67 - 16.75	1.0000	1.0000
L57	70	CCI 6.5" x 1.25" Plate	12.67 - 16.75	1.0000	1.0000
L57	187	HCS 6X12 4AWG(1-5/8)	11.65 - 16.75	1.0000	1.0000
L57	190	AL7-50(1-5/8)	11.65 - 16.75	1.0000	1.0000
L57	218	Safety Line 3/8	11.65 - 16.75	1.0000	1.0000
L57	219	Climbing Rung	11.65 - 16.75	1.0000	1.0000
L58	4	CCI 4" x 0.75" Plate	11.42 - 11.65	1.0000	1.0000
L58	32	CCI 6" x 1" Plate	11.42 - 11.65	1.0000	1.0000
L58	33	CCI 6" x 1" Plate	11.42 - 11.65	1.0000	1.0000
L58	34	CCI 6" x 1" Plate	11.42 - 11.65	1.0000	1.0000
L58	35	CCI 6" x 1" Plate	11.42 - 11.65	1.0000	1.0000
L58	187	HCS 6X12 4AWG(1-5/8)	11.42 - 11.65	1.0000	1.0000
L58	190	AL7-50(1-5/8)	11.42 - 11.65	1.0000	1.0000
L58	218	Safety Line 3/8	11.42 - 11.65	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L58	219	Climbing Rung	11.42 - 11.65	1.0000	1.0000
L59	2	CCI 4" x 0.75" Plate	9.40 - 10.88	1.0000	1.0000
L59	3	CCI 4" x 0.75" Plate	9.40 - 10.88	1.0000	1.0000
L59	4	CCI 4" x 0.75" Plate	9.40 - 11.42	1.0000	1.0000
L59	32	CCI 6" x 1" Plate	9.40 - 11.42	1.0000	1.0000
L59	33	CCI 6" x 1" Plate	9.40 - 11.42	1.0000	1.0000
L59	34	CCI 6" x 1" Plate	9.40 - 11.42	1.0000	1.0000
L59	35	CCI 6" x 1" Plate	9.40 - 11.42	1.0000	1.0000
L59	187	HCS 6X12 4AWG(1-5/8)	9.40 - 11.42	1.0000	1.0000
L59	190	AL7-50(1-5/8)	9.40 - 11.42	1.0000	1.0000
L59	218	Safety Line 3/8	9.40 - 11.42	1.0000	1.0000
L59	219	Climbing Rung	9.40 - 11.42	1.0000	1.0000
L60	2	CCI 4" x 0.75" Plate	9.15 - 9.40	1.0000	1.0000
L60	3	CCI 4" x 0.75" Plate	9.15 - 9.40	1.0000	1.0000
L60	4	CCI 4" x 0.75" Plate	9.15 - 9.40	1.0000	1.0000
L60	32	CCI 6" x 1" Plate	9.15 - 9.40	1.0000	1.0000
L60	33	CCI 6" x 1" Plate	9.15 - 9.40	1.0000	1.0000
L60	34	CCI 6" x 1" Plate	9.15 - 9.40	1.0000	1.0000
L60	35	CCI 6" x 1" Plate	9.15 - 9.40	1.0000	1.0000
L60	187	HCS 6X12 4AWG(1-5/8)	9.15 - 9.40	1.0000	1.0000
L60	190	AL7-50(1-5/8)	9.15 - 9.40	1.0000	1.0000
L60	218	Safety Line 3/8	9.15 - 9.40	1.0000	1.0000
L60	219	Climbing Rung	9.15 - 9.40	1.0000	1.0000
L61	2	CCI 4" x 0.75" Plate	4.83 - 9.15	1.0000	1.0000
L61	3	CCI 4" x 0.75" Plate	4.83 - 9.15	1.0000	1.0000
L61	4	CCI 4" x 0.75" Plate	4.83 - 9.15	1.0000	1.0000
L61	32	CCI 6" x 1" Plate	4.83 - 9.15	1.0000	1.0000
L61	33	CCI 6" x 1" Plate	4.83 - 9.15	1.0000	1.0000
L61	34	CCI 6" x 1" Plate	4.83 - 9.15	1.0000	1.0000
L61	35	CCI 6" x 1" Plate	4.83 - 9.15	1.0000	1.0000
L61	187	HCS 6X12 4AWG(1-5/8)	4.83 - 9.15	1.0000	1.0000
L61	190	AL7-50(1-5/8)	4.83 - 9.15	1.0000	1.0000
L61	218	Safety Line 3/8	4.83 - 9.15	1.0000	1.0000
L61	219	Climbing Rung	4.83 - 9.15	1.0000	1.0000
L62	2	CCI 4" x 0.75" Plate	4.58 - 4.83	1.0000	1.0000
L62	3	CCI 4" x 0.75" Plate	4.58 - 4.83	1.0000	1.0000
L62	4	CCI 4" x 0.75" Plate	4.58 - 4.83	1.0000	1.0000
L62	32	CCI 6" x 1" Plate	4.58 - 4.83	1.0000	1.0000
L62	33	CCI 6" x 1" Plate	4.58 - 4.83	1.0000	1.0000
L62	34	CCI 6" x 1" Plate	4.58 - 4.83	1.0000	1.0000
L62	35	CCI 6" x 1" Plate	4.58 - 4.83	1.0000	1.0000
L62	187	HCS 6X12 4AWG(1-5/8)	4.58 - 4.83	1.0000	1.0000
L62	190	AL7-50(1-5/8)	4.58 - 4.83	1.0000	1.0000
L62	218	Safety Line 3/8	4.58 - 4.83	1.0000	1.0000
L62	219	Climbing Rung	4.58 - 4.83	1.0000	1.0000
L63	2	CCI 4" x 0.75" Plate	0.00 - 4.58	1.0000	1.0000
L63	3	CCI 4" x 0.75" Plate	0.00 - 4.58	1.0000	1.0000
L63	4	CCI 4" x 0.75" Plate	3.17 - 4.58	1.0000	1.0000
L63	32	CCI 6" x 1" Plate	0.00 - 4.58	1.0000	1.0000
L63	33	CCI 6" x 1" Plate	0.00 - 4.58	1.0000	1.0000
L63	34	CCI 6" x 1" Plate	0.00 - 4.58	1.0000	1.0000
L63	35	CCI 6" x 1" Plate	0.00 - 4.58	1.0000	1.0000
L63	187	HCS 6X12 4AWG(1-5/8)	0.00 - 4.58	1.0000	1.0000
L63	190	AL7-50(1-5/8)	0.00 - 4.58	1.0000	1.0000
L63	218	Safety Line 3/8	0.00 - 4.58	1.0000	1.0000
L63	219	Climbing Rung	0.00 - 4.58	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
Lightning Rod 5/8" x 4' on 4' Pole (E)	B	From Leg	1.000 0.000 4.000	0.000	191.667	No Ice	1.356	1.356	0.066
						1/2" Ice	2.131	2.131	0.087
						1" Ice	2.702	2.702	0.112
						2" Ice	3.773	3.773	0.175
LW									
LW									
WB2623 w/ Mount Pipe (E)	B	From Leg	2.000 0.000 -1.000	0.000	191.000	No Ice	1.929	0.866	0.020
						1/2" Ice	2.158	1.110	0.038
						1" Ice	2.399	1.369	0.058
						2" Ice	2.915	1.938	0.111
3' x 2" Pipe Mount (E-For Omni)	B	From Leg	2.000 0.000 -1.000	0.000	191.000	No Ice	0.583	0.583	0.011
						1/2" Ice	0.770	0.770	0.017
						1" Ice	0.967	0.967	0.024
						2" Ice	1.388	1.388	0.047
Side Arm Mount [SO 701-1] (E)	B	From Leg	1.000 0.000 0.000	0.000	191.000	No Ice	0.850	1.670	0.065
						1/2" Ice	1.140	2.340	0.079
						1" Ice	1.430	3.010	0.093
						2" Ice	2.010	4.350	0.121
LW									
OGB4-900D (E - Per Photo)	B	From Leg	4.000 0.000 4.000	0.000	184.000	No Ice	0.785	0.785	0.010
						1/2" Ice	1.028	1.028	0.016
						1" Ice	1.281	1.281	0.025
						2" Ice	1.814	1.814	0.053
DB589-A (E - Per Photo)	B	From Leg	4.000 0.000 -5.000	0.000	184.000	No Ice	2.763	2.763	0.012
						1/2" Ice	4.170	4.170	0.033
						1" Ice	5.593	5.593	0.063
						2" Ice	8.490	8.490	0.150
AIR -32 B2A/B66AA w/ Mount Pipe (E)	A	From Leg	4.000 0.000 -3.000	0.000	184.000	No Ice	6.747	6.070	0.153
						1/2" Ice	7.202	6.867	0.214
						1" Ice	7.648	7.583	0.282
						2" Ice	8.565	9.063	0.441
AIR -32 B2A/B66AA w/ Mount Pipe (E)	B	From Leg	4.000 0.000 -3.000	0.000	184.000	No Ice	6.747	6.070	0.153
						1/2" Ice	7.202	6.867	0.214
						1" Ice	7.648	7.583	0.282
						2" Ice	8.565	9.063	0.441
AIR -32 B2A/B66AA w/ Mount Pipe (E)	C	From Leg	4.000 0.000 -3.000	0.000	184.000	No Ice	6.747	6.070	0.153
						1/2" Ice	7.202	6.867	0.214
						1" Ice	7.648	7.583	0.282
						2" Ice	8.565	9.063	0.441
APX16DWV-16DWVS-E-A 20 w/ Mount Pipe (E)	A	From Leg	4.000 0.000 -3.000	0.000	184.000	No Ice	7.154	3.703	0.062
						1/2" Ice	7.600	4.495	0.113
						1" Ice	8.044	5.215	0.170
						2" Ice	8.956	6.704	0.307
APX16DWV-16DWVS-E-A 20 w/ Mount Pipe (E)	B	From Leg	4.000 0.000 -3.000	0.000	184.000	No Ice	7.154	3.703	0.062
						1/2" Ice	7.600	4.495	0.113
						1" Ice	8.044	5.215	0.170
						2" Ice	8.956	6.704	0.307
APX16DWV-16DWVS-E-A 20 w/ Mount Pipe (E)	C	From Leg	4.000 0.000 -3.000	0.000	184.000	No Ice	7.154	3.703	0.062
						1/2" Ice	7.600	4.495	0.113
						1" Ice	8.044	5.215	0.170
						2" Ice	8.956	6.704	0.307
KRY 112 144/1	A	From Leg	4.000	0.000	184.000	No Ice	0.350	0.175	0.011