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

November 14, 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: 806454**
Verizon Site ID: NG1915
117 Washington Ave, North Haven, CT 06473
Latitude: 41° -23' 46.93"/ Longitude: -72° -51' 27.67"

Dear Ms. Bachman:

Verizon currently maintains twelve (12) antennas at the 120-foot level of the existing 120-foot monopole tower at 117 Washington Ave, North Haven, CT 06473. The tower is owned by Crown Castle and the land is owned by Commercial Investment Group LLC. Verizon now intends to add three (3) new antennas. Verizon will also replace fifteen (15) remote radios with nine (9) new remote radios and add three (3) diplexers.

An email was sent to the Town Clerk of North Haven, CT on 11/11/19 to determine if any original approval documents exist. There has been no response received yet and a copy of the request is included in this package. A Crown Castle representative will visit the town hall on 11/15/19 to inquirer if original approval documents exist.

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 First Selectman, Mr. Michael J. Freda and the Building Official, Mr. Elio Floriano. Notice will also be sent to the property owner, Commercial Investment Group LLC. 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
Network 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)

First Selectman – Mr. Michael J. Freda
Town of North Haven
18 Church Street
North Haven, CT 06473
(203) 239-5321

Building Official-Mr. Elio Floriano
Town of North Haven
18 Church Street
North Haven, CT 06473
(203) 239-5321

Commercial Investment Group LLC
Mr. Joseph Moruzzi
2911 Dixwell Avenue
Hamden, CT 06518
(203) 230-1781

Barbadora, Jeff

From: Barbadora, Jeff
Sent: Monday, November 11, 2019 4:13 PM
To: townclerk@northhaven-ct.gov
Subject: 117 Washington Av - Map 073 Lot 009

Good Afternoon,

I have an inquiry regarding original zoning documents for a cell tower and I am hoping you can provide more information.

We are applying for Connecticut Siting Council (CSC) approval to modify antennas on an existing cell tower and a requirement for the filing by the CSC is that we procure original zoning documents from the jurisdiction, if possible. However, if these documents are not available, please let me know.

The cell tower is located at 117 Washington Ave in North Haven, CT and according to lease documents this may have been approved around 1990/92 and the entity leasing the property would have been Metro Mobile CTS of New Haven, Inc. Owner of the property at that time were Luciani Realty Partnership.

If you have any questions, please don't hesitate to call or e-mail me.

Thanks,

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

117 WASHINGTON AVE

Location	117 WASHINGTON AVE	**Mblu**	073/ / 009/ /
Acct#	201742	**Owner**	COMMERCIAL INVESTMENT GROUP LLC
Assessment	$3,416,280	**Appraisal**	$4,880,400
PID	8732	**Building Count**	3

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2014	$1,740,100	$3,140,300	$4,880,400
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2014	$1,218,070	$2,198,210	$3,416,280

Owner of Record

Owner	COMMERCIAL INVESTMENT GROUP LLC	**Sale Price**	$6,139,443
Co-Owner	C/O JOSEPH MORUZZI	**Certificate**	
Address	P O BOX 185599 HAMDEN, CT 06518	**Book & Page**	952/ 916
		Sale Date	03/30/2017

Ownership History

Ownership History				
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Sale Date**
COMMERCIAL INVESTMENT GROUP LLC	$6,139,443		952/ 916	03/30/2017
NORTH HAVEN SHOPPING CENTER LLC	$0		952/ 912	03/30/2017
NORTH HAVEN SHOPPING CENTER LLC	$0		918/ 751	03/18/2015
LUCIANI REALTY LIMITED PARTNERSHIP	$0		900/ 87	12/30/2013
LUCIANI REALTY LIMITED PARTNERSHIP	$0	1	431/ 862	05/28/1992

Building Information

Building 1 : Section 1

Year Built:	1952
Living Area:	13,800
Replacement Cost:	$872,105

Building Percent Good: 35

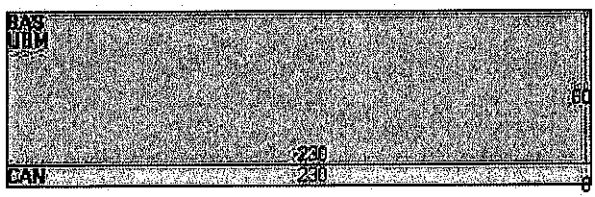
Replacement Cost Less Depreciation: $305,200

Building Attributes	
Field	**Description**
STYLE	Shopping Cntr
MODEL	Comm/Ind
Grade	C -
Stories:	1
Occupancy	12
Exterior Wall 1	Concr/Cinder
Exterior Wall 2	
Roof Structure	Gable/Hip
Roof Cover	Asphalt
Interior Wall 1	Drywall
Interior Wall 2	
Interior Floor 1	Carpet
Interior Floor 2	Ceram Clay Til
Heating Fuel	Oil
Heating Type	Forced Air-Duc
AC Type	Central
Bldg Use	SHOPPING CENTER M94
Total Rooms	
Total Bedrms	
Total Baths	
1st Floor Use:	
Heat/AC	HEAT/AC PKGS
Frame Type	FIREPRF STEEL
Baths/Plumbing	AVERAGE
Ceiling/Wall	CEIL & WALLS
Rooms/Prtns	AVERAGE
Wall Height	12
% Comn Wall	

Building Photo

(http://images.vgsi.com/photos/NorthHavenCTPhotos//\00\01\9

Building Layout



Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
BAS	First Floor	13,800	13,800
CAN	Canopy	1,840	0
UBM	Basement, Unfinished	13,800	0
		29,440	13,800

Building 2 : Section 1

Year Built: 1962

Living Area: 41,446

Replacement Cost: $2,429,016

Building Percent Good: 40

Replacement Cost Less Depreciation: $971,600

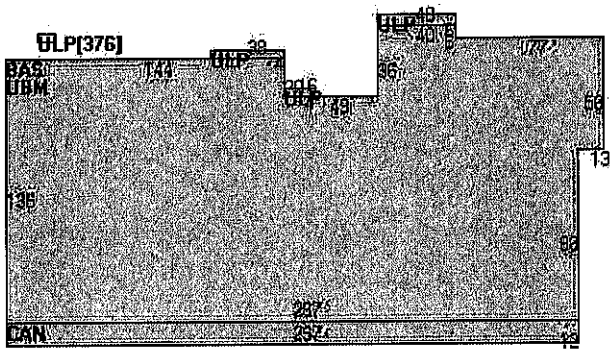
Building Attributes : Bldg 2 of 3

Field	Description
STYLE	Shopping Cntr
MODEL	Comm/Ind
Grade	C -
Stories:	1
Occupancy	6
Exterior Wall 1	Concr/Cinder
Exterior Wall 2	
Roof Structure	Flat
Roof Cover	T&G/Rubber
Interior Wall 1	Drywall
Interior Wall 2	
Interior Floor 1	Linoleum
Interior Floor 2	Carpet
Heating Fuel	Oil
Heating Type	Forced Air-Duc
AC Type	Central
Bldg Use	SHOPPING CENTER M94
Total Rooms	
Total Bedrms	
Total Baths	
1st Floor Use:	
Heat/AC	HEAT/AC PKGS
Frame Type	WOOD FRAME
Baths/Plumbing	AVERAGE
Ceiling/Wall	CEIL & WALLS
Rooms/Prtns	AVERAGE
Wall Height	16
% Comn Wall	

Building Photo

(http://images.vgsi.com/photos/NorthHavenCTPhotos//\00\01\9

Building Layout



Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	41,446	41,446
CAN	Canopy	3,564	0
UBM	Basement, Unfinished	41,446	0
ULP	Loading Platform, Unfinished	832	0
		87,288	41,446

Building 3 : Section 1

Year Built: 2014
Living Area: 5,100
Replacement Cost: $735,779
Building Percent Good: 75
Replacement Cost Less Depreciation: $551,800

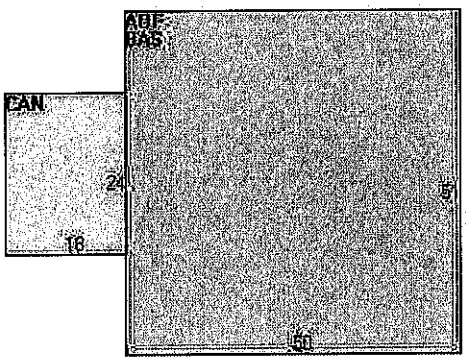
Building Attributes : Bldg 3 of 3	
Field	Description
STYLE	Branch Bank

Building Photo

Building Photo
(http://images.vgsi.com/photos/NorthHavenCTPhotos//\00\02\1

MODEL	Comm/Ind
Grade	C +
Stories:	2
Occupancy	1
Exterior Wall 1	Clapboard
Exterior Wall 2	
Roof Structure	Gable/Hip
Roof Cover	Asphalt
Interior Wall 1	Drywall
Interior Wall 2	
Interior Floor 1	Carpet
Interior Floor 2	
Heating Fuel	Gas
Heating Type	Forced Air-Duc
AC Type	Central
Bldg Use	BANK BLDG
Total Rooms	
Total Bedrms	
Total Baths	
1st Floor Use:	
Heat/AC	HEAT/AC PKGS
Frame Type	WOOD FRAME
Baths/Plumbing	AVERAGE
Ceiling/Wall	SUS-CEIL & WL
Rooms/Prtns	AVERAGE
Wall Height	8
% Comn Wall	

Building Layout



Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
AOF	Office	2,550	2,550
BAS	First Floor	2,550	2,550
CAN	Canopy	432	0
		5,532	5,100

Extra Features

Extra Features				Legend
Code	**Description**	**Size**	**Value**	**Bldg #**
CLR1	COOLER	98 S.F.	$700	1
OVHD	OVER HEADDOOR	400 S.F.	$0	2
SPR1	SPRINKLERS-WET	29440 S.F.	$9,300	1
ATM1	ATM	1 UNITS	$6,200	2
SPR1	SPRINKLERS-WET	82892 S.F.	$29,800	2

Land

Land Use

Land Line Valuation

Use Code	3230	**Size (Acres)**	6.09
Description	SHOPPING CENTER M94	**Frontage**	
Zone	IL30	**Depth**	
Neighborhood	301	**Assessed Value**	$2,198,210
Alt Land Appr	No	**Appraised Value**	$3,140,300
Category			

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
PAV1	PAVING-ASPHALT			128300 S.F.	$86,600	1
PAV1	PAVING-ASPHALT			128300 S.F.	$86,600	2
TWR1	COMMU-TOWER			1 UNITS	$125,000	2

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2013	$2,080,000	$3,045,000	$5,125,000
2008	$2,096,400	$1,982,400	$4,078,800
2007		$1,364,160	$2,750,160

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2013	$1,456,000	$2,131,500	$3,587,500
2008	$1,467,480	$1,387,680	$2,855,160
2007		$1,364,160	$2,750,160

117 Washington

Property Information

Property ID	73/9
Location	117 WASHINGTON AVE
Owner	COMMERCIAL INVESTMENT GROUP LLC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Town of North Haven, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 07/01/2018
Data updated 11/18/2018

Site Name: North Haven CT

Cumulative Power Density

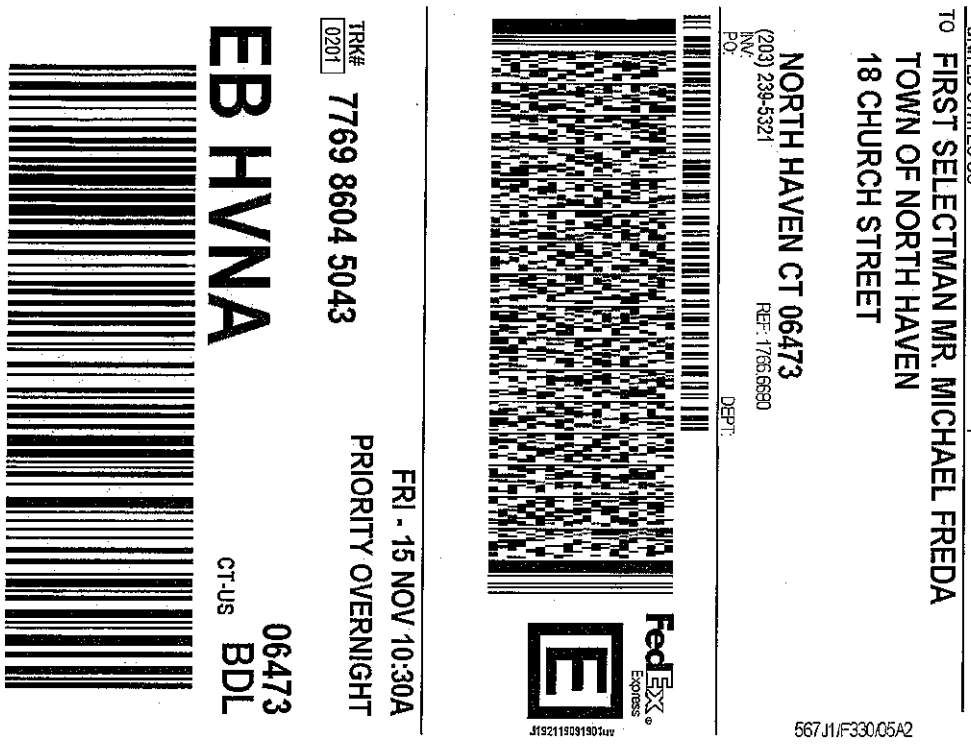
Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	746	4	628	2511.04	119	0.0638	0.497333333	12.82%
VZW Cellular	869	1	643	642.83	119	0.0163	0.579333333	2.82%
VZW Cellular	880	4	364	1454.32	119	0.0369	0.586666667	6.30%
VZW PCS	1970	4	1525	6100.4	119	0.1549	1.0	15.49%
VZW AWS	2145	4	1493	5972.52	119	0.1517	1.0	15.17%
VZW CBRS	3550	4	23	93.44	119	0.0024	1.0	0.24%

Total Percentage of Maximum Permissible Exposure 52.83%

*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 C95.1-1992

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.



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Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.
Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

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PJF PAUL J. FORD & COMPANY

Date: **November 01, 2019**

Amanda D Brown
Crown Castle
3530 Toringdon Way
Charlotte, NC 28277

Paul J. Ford and Company
250 E. Broad St., Ste 600
Columbus, OH 43215
614-221-6679

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Carrier Site Number:	NG1915
	Carrier Site Name:	NO HAVEN CT
Crown Castle Designation:	**Crown Castle BU Number:**	806454
	Crown Castle Site Name:	NHV 112 948129
	Crown Castle JDE Job Number:	592725
	Crown Castle Work Order Number:	1802981
	Crown Castle Order Number:	506770 Rev. 0
Engineering Firm Designation:	**Paul J. Ford and Company Project Number:**	37519-3573.001.7805
Site Data:	**117 WASHINGTON STREET, NORTH HAVEN, New Haven County, CT** **Latitude *41° 23' 46.93"*, Longitude *-72° 51' 27.67"*** **120 Foot - Monopole Tower**	

Dear Amanda D Brown,

Paul J. Ford and Company 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 – 51.4%**

This analysis utilizes an ultimate 3-second gust wind speed of 125 mph as required by the 2018 Connecticut State Building Code and Appendix N. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Respectfully submitted by:

Udaykiran Yerra
Structural Designer
uyerra@pauljford.com

STATE OF CONNECTICUT
JUSTIN T. KLINE
No. 30301
LICENSED
PROFESSIONAL ENGINEER

2019.11.01
16:24:06-04'00'

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 120 ft Monopole tower designed by VALMONT in March of 1990.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	125 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
115.0	117.0	3	commscope	CBC78T-DS-43-2X	14	1 5/8
		6	commscope	JAHH-65B-R3B w/ Mount Pipe		
		3	commscope	SSPX310R w/ Mount Pipe		
		6	decibel	DB844G65ZAXY w/ Mount Pipe		
		2	rfs celwave	DB-T1-6Z-8AB-0Z		
		3	samsung telecommunications	20W CBRS		
		3	samsung telecommunications	RFV01U-D1A		
		3	samsung telecommunications	RFV01U-D2A		
	115.0	1	tower mounts	Platform Mount [LP 602-1_KCKR]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
107.0	107.0	3	alcatel lucent	1900MHz RRH (65MHz)	--	--
		3	alcatel lucent	800 EXTERNAL NOTCH FILTER		
		3	alcatel lucent	800MHZ RRH		
		1	tower mounts	Side Arm Mount [SO 102-3]		
105.0	109.0	1	andrew	VHLP2-18	4 6	Elliptical 5/16
		1	andrew	VHLP800-11		
		1	dragonwave	A-ANT-23G-2-C		
	106.0	3	alcatel lucent	TD-RRH8x20-25		
		9	rfs celwave	ACU-A20-N		
		3	rfs celwave	APXVSPP18-C-A20 w/ Mount Pipe		
		3	rfs celwave	APXVTM14-C-120 w/ Mount Pipe		
	105.0	3	argus technologies	LLPX310R w/ Mount Pipe		
		3	samsung telecommunications	FDD_R6_RRH		
		1	tower mounts	Platform Mount [LP 602-1]		
90.0	90.0	3	rfs celwave	APXV18-206517S-C w/ Mount Pipe	6	1 5/8
		1	tower mounts	Pipe Mount [PM 601-3]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Remarks	Reference	Source
4-GEOTECHNICAL REPORTS	FDH, 08-09040E G1, 9/12/2008	2294635	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	SAC, 10656-90, 4/3/1990	253930	CCISITES
4-TOWER MANUFACTURER DRAWINGS	Valmont, 3/27/1990	253972	CCISITES

3.1) Analysis Method

tnxTower (version 8.0.5.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A.

3.2) Assumptions

1) Tower and structures were built in accordance with the manufacturer's specifications.
2) The tower and structures have been maintained in accordance with the manufacturer's specification.
3) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.
4) The existing base plate grout was not considered in this analysis. Heavy hex nuts were assumed to be installed under the base plate at each of the existing anchor rod locations. Should grout be removed in the future, the existence of these hex nuts should be verified prior to grout removal.

This analysis may be affected if any assumptions are not valid or have been made in error. Paul J. Ford and Company 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	120 - 77.33	Pole	TP30.45x21.91x0.22	1	-10.35	1274.74	43.3	Pass
L2	77.33 - 34.33	Pole	TP38.61x29.0753x0.31	2	-17.52	2278.80	51.4	Pass
L3	34.33 - 0	Pole	TP44.85x36.8559x0.38	3	-27.73	3342.35	51.2	Pass
							Summary	
						Pole (L2)	51.4	Pass
						Rating =	51.4	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	50.5	Pass
1	Base Plate	0	26.1	Pass
1	Base Foundation Structural Steel	0	25.9	Pass
1	Base Foundation Soil Interaction	0	26.7	Pass

Structure Rating (max from all components) =	51.4%

Notes:

- All structural ratings are per TIA-222-H Section 15.5

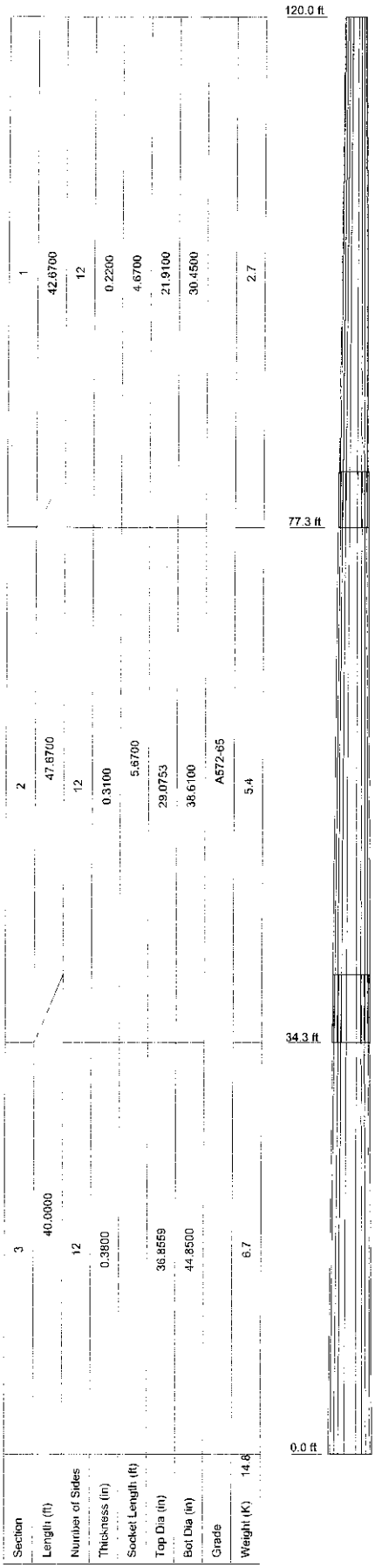
1) See additional documentation in "Appendix C – Additional Calculations" for calculations supporting the % capacity consumed.

4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower designed for Exposure B to the TIA-222-H Standard.
2. Tower designed for a 125 mph basic wind in accordance with the TIA-222-H Standard.
3. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
4. Deflections are based upon a 60 mph wind.
5. Tower Risk Category II.
6. Topographic Category 1 with Crest Height of 0.0000 ft
7. TOWER RATING: 51.4%

ALL REACTIONS ARE FACTORED

AXIAL 52 K

SHEAR 4 K *MOMENT 389 kip-ft*

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

AXIAL 28 K

SHEAR 20 K *MOMENT 1681 kip-ft*

TORQUE 2 kip-ft
REACTIONS - 125 mph WIND

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Job: *120ft Monopole | North Haven, CT*		
Project: *37519-3573.001.7805*		
Client: CCI	Drawn by: Udaykiran Yerra	App'd:
Code: TIA-222-H	Date: 11/01/19	Scale: NTS
Path:		Dwg No. E-1

Tower Input Data

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

1) Tower base elevation above sea level: 33.0000 ft.
2) Basic wind speed of 125 mph.
3) Risk Category II.
4) Exposure Category B.
5) Simplified Topographic Factor Procedure for wind speed-up calculations is used.
6) Topographic Category: 1.
7) Crest Height: 0.0000 ft.
8) Nominal ice thickness of 1.5000 in.
9) Ice thickness is considered to increase with height.
10) Ice density of 56.00 pcf.
11) A wind speed of 50 mph is used in combination with ice.
12) Temperature drop of 50 °F.
13) Deflections calculated using a wind speed of 60 mph.
14) A non-linear (P-delta) analysis was used.
15) Pressures are calculated at each section.
16) Stress ratio used in pole design is 1.05.
17) Tower analysis based on target reliabilities in accordance with Annex S.
18) Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
19) Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	120.0000-77.3300	42.6700	4.67	12	21.9100	30.4500	0.2200	0.8800	A572-65 (65 ksi)
L2	77.3300-	47.6700	5.67	12	29.0753	38.6100	0.3100	1.2400	A572-65

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
	34.3300								(65 ksi)
L3	34.3300-0.0000	40.0000		12	36.8559	44.8500	0.3800	1.5200	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	22.6053	15.3652	922.6631	7.7650	11.3494	81.2963	1869.5656	7.5623	5.2823	24.01
	31.4466	21.4149	2497.9224	10.8223	15.7731	158.3660	5061.4680	10.5398	7.5710	34.414
L2	30.9587	28.7136	3032.5794	10.2980	15.0610	201.3528	6144.8281	14.1319	6.9614	22.456
	39.8627	38.2311	7158.1342	13.7114	20.0000	357.9071	14504.3206	18.8162	9.5167	30.699
L3	39.1951	44.6319	7579.5645	13.0584	19.0914	397.0153	15358.2526	21.9665	8.8590	23.313
	46.2981	54.4135	13734.9413	15.9203	23.2323	591.2002	27830.7147	26.7807	11.0014	28.951

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 120.0000-77.3300				1	1	1			
L2 77.3300-34.3300				1	1	1			
L3 34.3300-0.0000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
FXL-1480(1-1/4")	C	No	Surface Ar (CaAa)	105.0000 - 0.0000	4	4	-0.342 -0.217	1.5700		0.45
ATCB-B01-001 (5/16")	C	No	Surface Ar (CaAa)	105.0000 - 0.0000	2	2	0.442 0.467	0.3300		0.06
2" (Nominal) Conduit	C	No	Surface Ar (CaAa)	105.0000 - 0.0000	2	2	0.400 0.442	2.3750		0.72
7983A(ELLIPTICAL)	C	No	Surface Ar (CaAa)	105.0000 - 0.0000	4	2	0.467 0.500	0.5730		0.08
AVA7-50(1-5/8")	C	No	Surface Ar (CaAa)	90.0000 - 0.0000	6	6	0.083 0.333	1.9800		0.72

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
AVA7-50(1-5/8")	C	No	No	Inside Pole	115.0000 - 0.0000	14	No Ice	0.0000	0.72
							1/2" Ice	0.0000	0.72
							1" Ice	0.0000	0.72
							2" Ice	0.0000	0.72
ATCB-B01-001 (5/16")	C	No	No	Inside Pole	105.0000 - 0.0000	4	No Ice	0.0000	0.06
							1/2" Ice	0.0000	0.06
							1" Ice	0.0000	0.06
							2" Ice	0.0000	0.06

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	120.0000-77.3300	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	50.569	0.000	0.54
L2	77.3300-34.3300	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	106.279	0.000	0.78
L3	34.3300-0.0000	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	84.850	0.000	0.62

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	120.0000-77.3300	A	1.421	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	107.043	0.000	1.57
L2	77.3300-34.3300	A	1.343	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	209.247	0.000	2.82
L3	34.3300-0.0000	A	1.191	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	163.699	0.000	2.14

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	120.0000-77.3300	-1.2036	4.1533	-1.7101	3.9200
L2	77.3300-34.3300	-2.3242	6.8657	-2.6420	5.9609
L3	34.3300-0.0000	-2.5020	7.4000	-2.9422	6.6972

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	2	FXL-1480(1-1/4")	77.33 - 105.00	1.0000	1.0000
L1	3	ATCB-B01-001 (5/16")	77.33 - 105.00	1.0000	1.0000
L1	4	2" (Nominal) Conduit	77.33 - 105.00	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	5	7983A(ELLIPTICAL)	77.33 - 105.00	1.0000	1.0000
L1	6	AVA7-50(1-5/8")	77.33 - 90.00	1.0000	1.0000
L2	2	FXL-1480(1-1/4")	34.33 - 77.33	1.0000	1.0000
L2	3	ATCB-B01-001 (5/16")	34.33 - 77.33	1.0000	1.0000
L2	4	2" (Nominal) Conduit	34.33 - 77.33	1.0000	1.0000
L2	5	7983A(ELLIPTICAL)	34.33 - 77.33	1.0000	1.0000
L2	6	AVA7-50(1-5/8")	34.33 - 77.33	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
level 115									
(2) DB844G65ZAXY w/ Mount Pipe	A	From Leg	4.0000 0.00 2.00	0.00	115.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.5782 4.9555 5.3404 6.1369	4.8023 5.4160 6.0401 7.3370	0.03 0.08 0.13 0.26
(2) DB844G65ZAXY w/ Mount Pipe	B	From Leg	4.0000 0.00 2.00	0.00	115.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.5782 4.9555 5.3404 6.1369	4.8023 5.4160 6.0401 7.3370	0.03 0.08 0.13 0.26
(2) DB844G65ZAXY w/ Mount Pipe	C	From Leg	4.0000 0.00 2.00	0.00	115.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.5782 4.9555 5.3404 6.1369	4.8023 5.4160 6.0401 7.3370	0.03 0.08 0.13 0.26
(2) DB-T1-6Z-8AB-0Z	A	From Leg	4.0000 0.00 2.00	0.00	115.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.8000 5.0704 5.3481 5.9259	2.0000 2.1926 2.3926 2.8148	0.04 0.08 0.12 0.21
(2) JAHH-65B-R3B w/ Mount Pipe	A	From Leg	4.0000 0.00 2.00	0.00	115.0000	No Ice 1/2" Ice 1" Ice 2" Ice	5.5000 5.9700 6.4500 7.4400	4.3800 4.8400 5.3000 6.2600	0.10 0.17 0.25 0.46
(2) JAHH-65B-R3B w/ Mount Pipe	B	From Leg	4.0000 0.00 2.00	0.00	115.0000	No Ice 1/2" Ice 1" Ice 2" Ice	5.5000 5.9700 6.4500 7.4400	4.3800 4.8400 5.3000 6.2600	0.10 0.17 0.25 0.46
(2) JAHH-65B-R3B w/ Mount Pipe	C	From Leg	4.0000 0.00 2.00	0.00	115.0000	No Ice 1/2" Ice 1" Ice 2" Ice	5.5000 5.9700 6.4500 7.4400	4.3800 4.8400 5.3000 6.2600	0.10 0.17 0.25 0.46
Platform Mount [LP 602-1_KCKR]	C	None		0.00	115.0000	No Ice 1/2"	42.3000 49.0400	42.3000 49.0400	1.62 2.38

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
						Ice	55.8700	55.8700	3.27
						1" Ice	69.8500	69.8500	5.40
						2" Ice			
SSPX310R w/ Mount Pipe	A	From Leg	4.0000	0.00	115.0000	No Ice	3.1052	1.9793	0.03
			0.00			1/2"	3.4002	2.3801	0.06
			2.00			Ice	3.7053	2.7972	0.09
						1" Ice	4.3456	3.6801	0.17
						2" Ice			
SSPX310R w/ Mount Pipe	B	From Leg	4.0000	0.00	115.0000	No Ice	3.1052	1.9793	0.03
			0.00			1/2"	3.4002	2.3801	0.06
			2.00			Ice	3.7053	2.7972	0.09
						1" Ice	4.3456	3.6801	0.17
						2" Ice			
SSPX310R w/ Mount Pipe	C	From Leg	4.0000	0.00	115.0000	No Ice	3.1052	1.9793	0.03
			0.00			1/2"	3.4002	2.3801	0.06
			2.00			Ice	3.7053	2.7972	0.09
						1" Ice	4.3456	3.6801	0.17
						2" Ice			
CBC78T-DS-43-2X	A	From Leg	4.0000	0.00	115.0000	No Ice	0.3680	0.5120	0.02
			0.00			1/2"	0.4456	0.6046	0.03
			2.00			Ice	0.5306	0.7046	0.04
						1" Ice	0.7228	0.9268	0.06
						2" Ice			
CBC78T-DS-43-2X	B	From Leg	4.0000	0.00	115.0000	No Ice	0.3680	0.5120	0.02
			0.00			1/2"	0.4456	0.6046	0.03
			2.00			Ice	0.5306	0.7046	0.04
						1" Ice	0.7228	0.9268	0.06
						2" Ice			
CBC78T-DS-43-2X	C	From Leg	4.0000	0.00	115.0000	No Ice	0.3680	0.5120	0.02
			0.00			1/2"	0.4456	0.6046	0.03
			2.00			Ice	0.5306	0.7046	0.04
						1" Ice	0.7228	0.9268	0.06
						2" Ice			
RFV01U-D1A	A	From Leg	4.0000	0.00	115.0000	No Ice	1.8750	1.2500	0.08
			0.00			1/2"	2.0454	1.3926	0.10
			2.00			Ice	2.2231	1.5426	0.12
						1" Ice	2.6009	1.8648	0.18
						2" Ice			
RFV01U-D1A	B	From Leg	4.0000	0.00	115.0000	No Ice	1.8750	1.2500	0.08
			0.00			1/2"	2.0454	1.3926	0.10
			2.00			Ice	2.2231	1.5426	0.12
						1" Ice	2.6009	1.8648	0.18
						2" Ice			
RFV01U-D1A	C	From Leg	4.0000	0.00	115.0000	No Ice	1.8750	1.2500	0.08
			0.00			1/2"	2.0454	1.3926	0.10
			2.00			Ice	2.2231	1.5426	0.12
						1" Ice	2.6009	1.8648	0.18
						2" Ice			
RFV01U-D2A	A	From Leg	4.0000	0.00	115.0000	No Ice	1.8750	1.0125	0.07
			0.00			1/2"	2.0454	1.1445	0.09
			2.00			Ice	2.2231	1.2840	0.11
						1" Ice	2.6009	1.5851	0.15
						2" Ice			
RFV01U-D2A	B	From Leg	4.0000	0.00	115.0000	No Ice	1.8750	1.0125	0.07
			0.00			1/2"	2.0454	1.1445	0.09
			2.00			Ice	2.2231	1.2840	0.11
						1" Ice	2.6009	1.5851	0.15
						2" Ice			
RFV01U-D2A	C	From Leg	4.0000	0.00	115.0000	No Ice	1.8750	1.0125	0.07
			0.00			1/2"	2.0454	1.1445	0.09
			2.00			Ice	2.2231	1.2840	0.11
						1" Ice	2.6009	1.5851	0.15
						2" Ice			
20W CBRS	A	From Leg	4.0000	0.00	115.0000	No Ice	0.8571	0.4203	0.02
			0.00			1/2"	0.9752	0.5105	0.03

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			2.00			Ice	1.1008	0.6082	0.03
						1" Ice	1.3741	0.8327	0.06
						2" Ice			
20W CBRS	B	From Leg	4.0000	0.00	115.0000	No Ice	0.8571	0.4203	0.02
			0.00			1/2"	0.9752	0.5105	0.03
			2.00			Ice	1.1008	0.6082	0.03
						1" Ice	1.3741	0.8327	0.06
						2" Ice			
20W CBRS	C	From Leg	4.0000	0.00	115.0000	No Ice	0.8571	0.4203	0.02
			0.00			1/2"	0.9752	0.5105	0.03
			2.00			Ice	1.1008	0.6082	0.03
						1" Ice	1.3741	0.8327	0.06
						2" Ice			
level 107									
800MHZ RRH	A	From Leg	4.0000	0.00	107.0000	No Ice	2.1342	1.7730	0.05
			0.00			1/2"	2.3195	1.9461	0.07
			0.00			Ice	2.5123	2.1267	0.10
						1" Ice	2.9201	2.5100	0.16
						2" Ice			
800MHZ RRH	B	From Leg	4.0000	0.00	107.0000	No Ice	2.1342	1.7730	0.05
			0.00			1/2"	2.3195	1.9461	0.07
			0.00			Ice	2.5123	2.1267	0.10
						1" Ice	2.9201	2.5100	0.16
						2" Ice			
800MHZ RRH	C	From Leg	4.0000	0.00	107.0000	No Ice	2.1342	1.7730	0.05
			0.00			1/2"	2.3195	1.9461	0.07
			0.00			Ice	2.5123	2.1267	0.10
						1" Ice	2.9201	2.5100	0.16
						2" Ice			
800 EXTERNAL NOTCH FILTER	A	From Leg	4.0000	0.00	107.0000	No Ice	0.6601	0.3211	0.01
			0.00			1/2"	0.7627	0.3983	0.02
			0.00			Ice	0.8727	0.4830	0.02
						1" Ice	1.1149	0.6744	0.04
						2" Ice			
800 EXTERNAL NOTCH FILTER	B	From Leg	4.0000	0.00	107.0000	No Ice	0.6601	0.3211	0.01
			0.00			1/2"	0.7627	0.3983	0.02
			0.00			Ice	0.8727	0.4830	0.02
						1" Ice	1.1149	0.6744	0.04
						2" Ice			
800 EXTERNAL NOTCH FILTER	C	From Leg	4.0000	0.00	107.0000	No Ice	0.6601	0.3211	0.01
			0.00			1/2"	0.7627	0.3983	0.02
			0.00			Ice	0.8727	0.4830	0.02
						1" Ice	1.1149	0.6744	0.04
						2" Ice			
1900MHz RRH (65MHz)	A	From Leg	4.0000	0.00	107.0000	No Ice	2.3218	2.2360	0.06
			0.00			1/2"	2.5266	2.4385	0.08
			0.00			Ice	2.7388	2.6485	0.11
						1" Ice	3.1855	3.0906	0.17
						2" Ice			
1900MHz RRH (65MHz)	B	From Leg	4.0000	0.00	107.0000	No Ice	2.3218	2.2360	0.06
			0.00			1/2"	2.5266	2.4385	0.08
			0.00			Ice	2.7388	2.6485	0.11
						1" Ice	3.1855	3.0906	0.17
						2" Ice			
1900MHz RRH (65MHz)	C	From Leg	4.0000	0.00	107.0000	No Ice	2.3218	2.2360	0.06
			0.00			1/2"	2.5266	2.4385	0.08
			0.00			Ice	2.7388	2.6485	0.11
						1" Ice	3.1855	3.0906	0.17
						2" Ice			
Side Arm Mount [SO 102-3]	C	None		0.00	107.0000	No Ice	3.6000	3.6000	0.07
						1/2"	4.1800	4.1800	0.11
						Ice	4.7500	4.7500	0.14
						1" Ice	5.9000	5.9000	0.20
						2" Ice			
level 105									

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
APXVSPP18-C-A20 w/ Mount Pipe	A	From Leg	4.0000 0.00 1.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.6000 5.0500 5.5000 6.4400	4.0100 4.4500 4.8900 5.8200	0.10 0.16 0.23 0.42
APXVSPP18-C-A20 w/ Mount Pipe	B	From Leg	4.0000 0.00 1.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.6000 5.0500 5.5000 6.4400	4.0100 4.4500 4.8900 5.8200	0.10 0.16 0.23 0.42
APXVSPP18-C-A20 w/ Mount Pipe	C	From Leg	4.0000 0.00 1.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.6000 5.0500 5.5000 6.4400	4.0100 4.4500 4.8900 5.8200	0.10 0.16 0.23 0.42
(3) ACU-A20-N	A	From Leg	4.0000 0.00 1.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.0667 0.1037 0.1481 0.2593	0.1167 0.1620 0.2148 0.3426	0.00 0.00 0.00 0.01
(3) ACU-A20-N	B	From Leg	4.0000 0.00 1.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.0667 0.1037 0.1481 0.2593	0.1167 0.1620 0.2148 0.3426	0.00 0.00 0.00 0.01
(3) ACU-A20-N	C	From Leg	4.0000 0.00 1.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	0.0667 0.1037 0.1481 0.2593	0.1167 0.1620 0.2148 0.3426	0.00 0.00 0.00 0.01
APXVTM14-C-120 w/ Mount Pipe	A	From Leg	4.0000 0.00 1.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.0900 4.4800 4.8800 5.7100	2.8600 3.2300 3.6100 4.4000	0.08 0.13 0.19 0.33
APXVTM14-C-120 w/ Mount Pipe	B	From Leg	4.0000 0.00 1.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.0900 4.4800 4.8800 5.7100	2.8600 3.2300 3.6100 4.4000	0.08 0.13 0.19 0.33
APXVTM14-C-120 w/ Mount Pipe	C	From Leg	4.0000 0.00 1.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.0900 4.4800 4.8800 5.7100	2.8600 3.2300 3.6100 4.4000	0.08 0.13 0.19 0.33
TD-RRH8x20-25	A	From Leg	4.0000 0.00 1.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.0455 4.2975 4.5570 5.0981	1.5345 1.7142 1.9008 2.2951	0.07 0.10 0.13 0.20
TD-RRH8x20-25	B	From Leg	4.0000 0.00 1.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.0455 4.2975 4.5570 5.0981	1.5345 1.7142 1.9008 2.2951	0.07 0.10 0.13 0.20
TD-RRH8x20-25	C	From Leg	4.0000 0.00 1.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.0455 4.2975 4.5570 5.0981	1.5345 1.7142 1.9008 2.2951	0.07 0.10 0.13 0.20
(2) 2.375" OD x 10' Mount Pipe	A	From Leg	4.0000 0.00 0.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	2.3750 3.4031 4.4479 5.9106	2.3750 3.4031 4.4479 5.9106	0.03 0.04 0.07 0.14

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
2.375" OD x 10' Mount Pipe	C	From Leg	4.0000 0.00 0.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	2.3750 3.4031 4.4479 5.9106	2.3750 3.4031 4.4479 5.9106	0.03 0.04 0.07 0.14
LLPX310R w/ Mount Pipe	A	From Leg	4.0000 0.00 0.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.4582 4.7860 5.1221 5.8189	2.8533 3.3731 3.9095 5.0147	0.04 0.08 0.12 0.22
LLPX310R w/ Mount Pipe	B	From Leg	4.0000 0.00 0.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.4582 4.7860 5.1221 5.8189	2.8533 3.3731 3.9095 5.0147	0.04 0.08 0.12 0.22
LLPX310R w/ Mount Pipe	C	From Leg	4.0000 0.00 0.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	4.4582 4.7860 5.1221 5.8189	2.8533 3.3731 3.9095 5.0147	0.04 0.08 0.12 0.22
FDD_R6_RRH	A	From Leg	4.0000 0.00 0.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.5333 1.6898 1.8537 2.2037	0.6840 0.7999 0.9228 1.1926	0.03 0.04 0.06 0.09
FDD_R6_RRH	B	From Leg	4.0000 0.00 0.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.5333 1.6898 1.8537 2.2037	0.6840 0.7999 0.9228 1.1926	0.03 0.04 0.06 0.09
FDD_R6_RRH	C	From Leg	4.0000 0.00 0.00	0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	1.5333 1.6898 1.8537 2.2037	0.6840 0.7999 0.9228 1.1926	0.03 0.04 0.06 0.09
Platform Mount [LP 602-1]	C	None		0.00	105.0000	No Ice 1/2" Ice 1" Ice 2" Ice	31.0700 34.8200 38.4800 45.6000	31.0700 34.8200 38.4800 45.6000	1.34 1.97 2.67 4.31
level 90 APXV18-206517S-C w/ Mount Pipe	A	From Leg	4.0000 0.00 0.00	0.00	90.0000	No Ice 1/2" Ice 1" Ice 2" Ice	3.7900 4.3800 4.9900 6.2500	3.1600 3.7500 4.3500 5.5900	0.05 0.09 0.15 0.28
APXV18-206517S-C w/ Mount Pipe	B	From Leg	4.0000 0.00 0.00	0.00	90.0000	No Ice 1/2" Ice 1" Ice 2" Ice	3.7900 4.3800 4.9900 6.2500	3.1600 3.7500 4.3500 5.5900	0.05 0.09 0.15 0.28
APXV18-206517S-C w/ Mount Pipe	C	From Leg	4.0000 0.00 0.00	0.00	90.0000	No Ice 1/2" Ice 1" Ice 2" Ice	3.7900 4.3800 4.9900 6.2500	3.1600 3.7500 4.3500 5.5900	0.05 0.09 0.15 0.28
Pipe Mount [PM 601-3]	C	None		0.00	90.0000	No Ice 1/2" Ice 1" Ice 2" Ice	3.1700 3.7900 4.4200 5.7600	3.1700 3.7900 4.4200 5.7600	0.20 0.23 0.28 0.40

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft		Aperture Area ft²	Weight K
A-ANT-23G-2-C	A	Paraboloid w/o Radome	From Leg	4.0000 0.00 4.00	0.00		105.0000	2.1750	No Ice 1/2" Ice 1" Ice 2" Ice	3.7200 4.0100 4.3000 4.8800	0.01 0.02 0.03 0.04
VHLP2-18	A	Paraboloid w/o Radome	From Leg	4.0000 0.00 4.00	40.00		105.0000	2.1750	No Ice 1/2" Ice 1" Ice 2" Ice	3.7200 4.0100 4.3000 4.8800	0.03 0.05 0.07 0.11
VHLP800-11	C	Paraboloid w/o Radome	From Leg	4.0000 0.00 4.00	0.00		105.0000	2.8000	No Ice 1/2" Ice 1" Ice 2" Ice	6.1600 6.5300 6.9000 7.6400	0.02 0.06 0.09 0.17

Tower Pressures - No Ice

G_H = 1.100

Section Elevation ft	z ft	K_z	q_z psf	A_G ft²	Face	A_F ft²	A_R ft²	A_{leg} ft²	Leg %	C_AA_A In Face ft²	C_AA_A Out Face ft²
L1 120.0000-77.3300	97.8306	0.982	35.333	96.100	A	0.000	96.100	96.100	100.00	0.000	0.000
					B	0.000	96.100		100.00	0.000	0.000
					C	0.000	96.100		100.00	50.569	0.000
L2 77.3300-34.3300	55.5278	0.835	29.910	126.888	A	0.000	126.888	126.888	100.00	0.000	0.000
					B	0.000	126.888		100.00	0.000	0.000
					C	0.000	126.888		100.00	106.279	0.000
L3 34.3300-0.0000	16.6896	0.7	25.240	122.291	A	0.000	122.291	122.291	100.00	0.000	0.000
					B	0.000	122.291		100.00	0.000	0.000
					C	0.000	122.291		100.00	84.850	0.000

Tower Pressure - With Ice

G_H = 1.100

Section Elevation ft	z ft	K_z	q_z psf	t_z in	A_G ft²	Face	A_F ft²	A_R ft²	A_{leg} ft²	Leg %	C_AA_A In Face ft²	C_AA_A Out Face ft²
L1 120.0000-77.3300	97.8306	0.982	5.653	1.4214	106.208	A	0.000	106.208	106.208	100.00	0.000	0.000
						B	0.000	106.208		100.00	0.000	0.000
						C	0.000	106.208		100.00	107.043	0.000
L2 77.3300-34.3300	55.5278	0.835	4.786	1.3431	137.075	A	0.000	137.075	137.075	100.00	0.000	0.000
						B	0.000	137.075		100.00	0.000	0.000
						C	0.000	137.075		100.00	209.247	0.000
L3 34.3300-0.0000	16.6896	0.7	4.038	1.1910	129.976	A	0.000	129.976	129.976	100.00	0.000	0.000
						B	0.000	129.976		100.00	0.000	0.000
						C	0.000	129.976		100.00	163.699	0.000

Tower Pressure - Service

G_H = 1.100

Section Elevation ft	z ft	K_Z	q_z psf	A_G ft²	Face	A_F ft²	A_R ft²	A_{leg} ft²	Leg %	C_AA_A In Face ft²	C_AA_A Out Face ft²
L1 120.0000-77.3300	97.8306	0.982	7.667	96.100	A	0.000	96.100	96.100	100.00	0.000	0.000
					B	0.000	96.100		100.00	0.000	0.000
					C	0.000	96.100		100.00	50.569	0.000
L2 77.3300-34.3300	55.5278	0.835	6.490	126.888	A	0.000	126.888	126.888	100.00	0.000	0.000
					B	0.000	126.888		100.00	0.000	0.000
					C	0.000	126.888		100.00	106.279	0.000
L3 34.3300-0.0000	16.6896	0.7	5.477	122.291	A	0.000	122.291	122.291	100.00	0.000	0.000
					B	0.000	122.291		100.00	0.000	0.000
					C	0.000	122.291		100.00	84.850	0.000

Tower Forces - No Ice - Wind Normal To Face

Section Elevation ft	Add Weight K	Self Weight K	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F K	w plf	Ctrl. Face
L1 120.0000-77.3300	0.54	2.67	A	1	0.95	35.33	1	1	96.100	3.55	83.16	C
			B	1	0.95	3	1	1	96.100			
			C	1	0.95		1	1	96.100			
L2 77.3300-34.3300	0.78	5.43	A	1	0.95	29.91	1	1	126.888	3.97	92.23	C
			B	1	0.95	0	1	1	126.888			
			C	1	0.95		1	1	126.888			
L3 34.3300-0.0000	0.62	6.74	A	1	0.95	25.24	1	1	122.291	3.23	93.96	C
			B	1	0.95	0	1	1	122.291			
			C	1	0.95		1	1	122.291			
Sum Weight:	1.94	14.84						OTM	621.19 kip-ft	10.74		

Tower Forces - No Ice - Wind 60 To Face

Section Elevation ft	Add Weight K	Self Weight K	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F K	w plf	Ctrl. Face
L1 120.0000-77.3300	0.54	2.67	A	1	0.95	35.33	1	1	96.100	3.55	83.16	C
			B	1	0.95	3	1	1	96.100			
			C	1	0.95		1	1	96.100			
L2 77.3300-34.3300	0.78	5.43	A	1	0.95	29.91	1	1	126.888	3.97	92.23	C
			B	1	0.95	0	1	1	126.888			
			C	1	0.95		1	1	126.888			
L3 34.3300-0.0000	0.62	6.74	A	1	0.95	25.24	1	1	122.291	3.23	93.96	C
			B	1	0.95	0	1	1	122.291			
			C	1	0.95		1	1	122.291			
Sum Weight:	1.94	14.84						OTM	621.19 kip-ft	10.74		

Tower Forces - No Ice - Wind 90 To Face

Section Elevation ft	Add Weight K	Self Weight K	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F K	w plf	Ctrl. Face
L1 120.0000-	0.54	2.67	A	1	0.95	35.33	1	1	96.100	3.55	83.16	C

Section Elevation ft	Add Weight K	Self Weight K	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F K	w plf	Ctrl. Face
77.3300			B	1	0.95	3	1	1	96.100			
			C	1	0.95		1	1	96.100			
L2 77.3300-34.3300	0.78	5.43	A	1	0.95	29.91	1	1	126.888	4.26	99.07	B
			B	1	1.02	0	1	1	126.888			
			C	1	0.95		1	1	126.888			
L3 34.3300-0.0000	0.62	6.74	A	1	0.95	25.24	1	1	122.291	3.26	94.89	B
			B	1	0.959	0	1	1	122.291			
			C	1	0.95		1	1	122.291			
Sum Weight:	1.94	14.84						OTM	638.04 kip-ft	11.07		

Tower Forces - With Ice - Wind Normal To Face

Section Elevation ft	Add Weight K	Self Weight K	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F K	w plf	Ctrl. Face
L1 120.0000-77.3300	1.57	4.77	A	1	1.2	5.653	1	1	106.208	0.79	18.57	C
			B	1	1.2		1	1	106.208			
			C	1	1.2		1	1	106.208			
L2 77.3300-34.3300	2.82	8.01	A	1	1.2	4.786	1	1	137.075	0.87	20.14	C
			B	1	1.2		1	1	137.075			
			C	1	1.2		1	1	137.075			
L3 34.3300-0.0000	2.14	8.92	A	1	1.2	4.038	1	1	129.976	0.69	20.18	C
			B	1	1.2		1	1	129.976			
			C	1	1.2		1	1	129.976			
Sum Weight:	6.53	21.70						OTM	137.18 kip-ft	2.35		

Tower Forces - With Ice - Wind 60 To Face

Section Elevation ft	Add Weight K	Self Weight K	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F K	w plf	Ctrl. Face
L1 120.0000-77.3300	1.57	4.77	A	1	1.2	5.653	1	1	106.208	0.79	18.57	C
			B	1	1.2		1	1	106.208			
			C	1	1.2		1	1	106.208			
L2 77.3300-34.3300	2.82	8.01	A	1	1.2	4.786	1	1	137.075	0.87	20.14	C
			B	1	1.2		1	1	137.075			
			C	1	1.2		1	1	137.075			
L3 34.3300-0.0000	2.14	8.92	A	1	1.2	4.038	1	1	129.976	0.69	20.18	C
			B	1	1.2		1	1	129.976			
			C	1	1.2		1	1	129.976			
Sum Weight:	6.53	21.70						OTM	137.18 kip-ft	2.35		

Tower Forces - With Ice - Wind 90 To Face

Section Elevation ft	Add Weight K	Self Weight K	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F K	w plf	Ctrl. Face
L1 120.0000-77.3300	1.57	4.77	A	1	1.2	5.653	1	1	106.208	0.79	18.57	C
			B	1	1.2		1	1	106.208			
			C	1	1.2		1	1	106.208			
L2 77.3300-34.3300	2.82	8.01	A	1	1.2	4.786	1	1	137.075	0.87	20.14	C
			B	1	1.2		1	1	137.075			
			C	1	1.2		1	1	137.075			
L3 34.3300-0.0000	2.14	8.92	A	1	1.2	4.038	1	1	129.976	0.69	20.18	C
			B	1	1.2		1	1	129.976			
			C	1	1.2		1	1	129.976			
Sum Weight:	6.53	21.70						OTM	137.18 kip-ft	2.35		

Tower Forces - Service - Wind Normal To Face

Section Elevation ft	Add Weight K	Self Weight K	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F K	w plf	Ctrl. Face
L1 120.0000-77.3300	0.54	2.67	A	1	0.95	7.667	1	1	96.100	0.77	18.04	C
			B	1	0.95		1	1	96.100			
			C	1	0.95		1	1	96.100			
L2 77.3300-34.3300	0.78	5.43	A	1	0.95	6.490	1	1	126.888	0.86	20.01	C
			B	1	0.95		1	1	126.888			
			C	1	0.95		1	1	126.888			
L3 34.3300-0.0000	0.62	6.74	A	1	0.95	5.477	1	1	122.291	0.70	20.39	C
			B	1	0.95		1	1	122.291			
			C	1	0.95		1	1	122.291			
Sum Weight:	1.94	14.84						OTM	134.80 kip-ft	2.33		

Tower Forces - Service - Wind 60 To Face

Section Elevation ft	Add Weight K	Self Weight K	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F K	w plf	Ctrl. Face
L1 120.0000-77.3300	0.54	2.67	A	1	0.95	7.667	1	1	96.100	0.77	18.04	C
			B	1	0.95		1	1	96.100			
			C	1	0.95		1	1	96.100			
L2 77.3300-34.3300	0.78	5.43	A	1	0.95	6.490	1	1	126.888	0.86	20.01	C
			B	1	0.95		1	1	126.888			
			C	1	0.95		1	1	126.888			
L3 34.3300-0.0000	0.62	6.74	A	1	0.95	5.477	1	1	122.291	0.70	20.39	C
			B	1	0.95		1	1	122.291			
			C	1	0.95		1	1	122.291			
Sum Weight:	1.94	14.84						OTM	134.80 kip-ft	2.33		

Tower Forces - Service - Wind 90 To Face

Section Elevation ft	Add Weight K	Self Weight K	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F K	w plf	Ctrl. Face
L1 120.0000-77.3300	0.54	2.67	A	1	0.95	7.667	1	1	96.100	0.77	18.04	C
			B	1	0.95		1	1	96.100			
			C	1	0.95		1	1	96.100			
L2 77.3300-34.3300	0.78	5.43	A	1	0.95	6.490	1	1	126.888	0.92	21.50	B
			B	1	1.02		1	1	126.888			
			C	1	0.95		1	1	126.888			
L3 34.3300-0.0000	0.62	6.74	A	1	0.95	5.477	1	1	122.291	0.71	20.59	B
			B	1	0.959		1	1	122.291			
			C	1	0.95		1	1	122.291			
Sum Weight:	1.94	14.84						OTM	138.45 kip-ft	2.40		

Force Totals

Load Case	Vertical Forces K	Sum of Forces X K	Sum of Forces Z K	Sum of Overturning Moments, M_x kip-ft	Sum of Overturning Moments, M_z kip-ft	Sum of Torques kip-ft
Leg Weight	14.84					
Bracing Weight	0.00					
Total Member Self-Weight	14.84			0.44	0.22	
Total Weight	23.12			0.44	0.22	
Wind 0 deg - No Ice		0.33	-19.84	-1625.31	-35.48	-0.55
Wind 30 deg - No Ice		10.04	-17.15	-1404.37	-824.66	-1.51
Wind 60 deg - No Ice		17.09	-9.99	-820.10	-1396.24	-2.22
Wind 90 deg - No Ice		19.61	-0.21	-22.39	-1599.40	-2.13
Wind 120 deg - No Ice		17.07	9.74	794.13	-1394.54	-1.26
Wind 150 deg - No Ice		9.68	17.52	1429.05	-777.13	0.63
Wind 180 deg - No Ice		-0.19	19.88	1631.36	21.32	1.77
Wind 210 deg - No Ice		-9.83	17.31	1422.70	802.89	2.19
Wind 240 deg - No Ice		-16.97	10.22	845.77	1384.42	2.08
Wind 270 deg - No Ice		-19.57	0.19	21.38	1595.06	1.79
Wind 300 deg - No Ice		-16.91	-9.72	-790.40	1377.26	1.23
Wind 330 deg - No Ice		-9.84	-17.29	-1403.37	793.94	0.19
Member Ice	6.86					
Total Weight Ice	46.27			5.66	0.97	
Wind 0 deg - Ice		0.06	-4.35	-351.46	-5.74	-0.15
Wind 30 deg - Ice		2.20	-3.76	-303.03	-180.01	-0.38
Wind 60 deg - Ice		3.75	-2.19	-174.34	-306.39	-0.54
Wind 90 deg - Ice		4.31	-0.04	1.37	-351.47	-0.51
Wind 120 deg - Ice		3.74	2.14	180.72	-306.01	-0.30
Wind 150 deg - Ice		2.10	3.78	316.26	-169.31	0.12
Wind 180 deg - Ice		-0.04	4.36	363.89	5.06	0.39
Wind 210 deg - Ice		-2.16	3.79	317.78	177.78	0.51
Wind 240 deg - Ice		-3.73	2.23	190.58	306.02	0.51
Wind 270 deg - Ice		-4.30	0.04	9.75	352.57	0.45
Wind 300 deg - Ice		-3.71	-2.13	-168.66	304.68	0.30
Wind 330 deg - Ice		-2.13	-3.73	-300.08	174.45	0.05
Total Weight	23.12			0.44	0.22	
Wind 0 deg - Service		0.07	-4.30	-353.56	-7.53	-0.12
Wind 30 deg - Service		2.18	-3.72	-305.61	-178.78	-0.33
Wind 60 deg - Service		3.71	-2.17	-178.83	-302.81	-0.48
Wind 90 deg - Service		4.26	-0.05	-5.73	-346.89	-0.46
Wind 120 deg - Service		3.70	2.11	171.46	-302.44	-0.27
Wind 150 deg - Service		2.10	3.80	309.23	-168.46	0.14
Wind 180 deg - Service		-0.04	4.31	353.13	4.80	0.38
Wind 210 deg - Service		-2.13	3.76	307.85	174.39	0.48
Wind 240 deg - Service		-3.68	2.22	182.66	300.59	0.45
Wind 270 deg - Service		-4.25	0.04	3.77	346.29	0.39
Wind 300 deg - Service		-3.67	-2.11	-172.38	299.03	0.27
Wind 330 deg - Service		-2.13	-3.75	-305.40	172.45	0.04

Load Combinations

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

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	120 - 77.33	Pole	Max Tension	14	0.00	-0.00	-0.00
			Max. Compression	26	-25.47	1.04	1.45
			Max. Mx	8	-10.38	-322.49	6.57
			Max. My	2	-10.36	-8.96	331.34

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vy	8	12.52	-322.49	6.57
			Max. Vx	14	12.80	5.67	-331.22
			Max. Torque	7			2.19
L2	77.33 - 34.33	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-37.03	1.03	-1.92
			Max. Mx	8	-17.54	-927.52	15.18
			Max. My	14	-17.52	14.15	-948.76
			Max. Vy	8	16.26	-927.52	15.18
			Max. Vx	14	16.54	14.15	-948.76
			Max. Torque	7			2.19
L3	34.33 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-51.53	1.02	-5.75
			Max. Mx	8	-27.73	-1645.44	23.03
			Max. My	14	-27.73	22.04	-1678.52
			Max. Vy	8	19.62	-1645.44	23.03
			Max. Vx	14	19.90	22.04	-1678.52
			Max. Torque	7			2.19

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	51.53	-0.00	-0.00
	Max. H_x	21	20.81	19.57	-0.19
	Max. H_z	3	20.81	-0.33	19.84
	Max. M_x	2	1672.16	-0.33	19.84
	Max. M_z	8	1645.44	-19.61	0.21
	Max. Torsion	7	2.19	-17.09	9.99
	Min. Vert	15	20.81	0.19	-19.88
	Min. H_x	9	20.81	-19.61	0.21
	Min. H_z	15	20.81	0.19	-19.88
	Min. M_x	14	-1678.52	0.19	-19.88
	Min. M_z	20	-1641.07	19.57	-0.19
	Min. Torsion	17	-2.17	9.83	-17.31

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	23.12	-0.00	-0.00	0.44	0.22	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	27.74	0.33	-19.84	-1672.16	-36.56	-0.53
0.9 Dead+1.0 Wind 0 deg - No Ice	20.81	0.33	-19.84	-1659.98	-36.33	-0.53
1.2 Dead+1.0 Wind 30 deg - No Ice	27.74	10.04	-17.15	-1444.89	-848.47	-1.47
0.9 Dead+1.0 Wind 30 deg - No Ice	20.81	10.04	-17.15	-1434.36	-842.28	-1.48
1.2 Dead+1.0 Wind 60 deg - No Ice	27.74	17.09	-9.99	-843.77	-1436.51	-2.18
0.9 Dead+1.0 Wind 60 deg - No Ice	20.81	17.09	-9.99	-837.67	-1426.01	-2.19
1.2 Dead+1.0 Wind 90 deg - No Ice	27.74	19.61	-0.21	-23.03	-1645.44	-2.09
0.9 Dead+1.0 Wind 90 deg - No Ice	20.81	19.61	-0.21	-22.97	-1633.43	-2.10
1.2 Dead+1.0 Wind 120 deg - No Ice	27.74	17.07	9.74	817.12	-1434.77	-1.24

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
0.9 Dead+1.0 Wind 120 deg - No Ice	20.81	17.07	9.74	810.98	-1424.27	-1.25
1.2 Dead+1.0 Wind 150 deg - No Ice	27.74	9.68	17.52	1470.30	-799.31	0.63
0.9 Dead+1.0 Wind 150 deg - No Ice	20.81	9.68	17.52	1459.37	-793.55	0.63
1.2 Dead+1.0 Wind 180 deg - No Ice	27.74	-0.19	19.88	1678.52	22.04	1.76
0.9 Dead+1.0 Wind 180 deg - No Ice	20.81	-0.19	19.88	1666.05	21.80	1.76
1.2 Dead+1.0 Wind 210 deg - No Ice	27.74	-9.83	17.31	1463.94	826.09	2.16
0.9 Dead+1.0 Wind 210 deg - No Ice	20.81	-9.83	17.31	1453.01	819.95	2.17
1.2 Dead+1.0 Wind 240 deg - No Ice	27.74	-16.97	10.22	870.40	1424.40	2.04
0.9 Dead+1.0 Wind 240 deg - No Ice	20.81	-16.97	10.22	863.83	1413.85	2.04
1.2 Dead+1.0 Wind 270 deg - No Ice	27.74	-19.57	0.19	22.13	1641.07	1.75
0.9 Dead+1.0 Wind 270 deg - No Ice	20.81	-19.57	0.19	21.83	1628.96	1.76
1.2 Dead+1.0 Wind 300 deg - No Ice	27.74	-16.91	-9.72	-813.15	1417.06	1.20
0.9 Dead+1.0 Wind 300 deg - No Ice	20.81	-16.91	-9.72	-807.29	1406.57	1.21
1.2 Dead+1.0 Wind 330 deg - No Ice	27.74	-9.84	-17.29	-1443.69	816.77	0.18
0.9 Dead+1.0 Wind 330 deg - No Ice	20.81	-9.84	-17.29	-1433.22	810.72	0.19
1.2 Dead+1.0 Ice+1.0 Temp	51.53	0.00	0.00	5.75	1.02	-0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	51.53	0.06	-4.35	-375.60	-6.06	-0.15
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	51.53	2.20	-3.76	-323.86	-192.20	-0.37
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	51.53	3.75	-2.19	-186.38	-327.19	-0.52
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	51.53	4.30	-0.04	1.32	-375.32	-0.49
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	51.53	3.74	2.14	192.93	-326.78	-0.29
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	51.53	2.10	3.78	337.77	-180.70	0.12
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	51.53	-0.04	4.36	388.65	5.55	0.38
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	51.53	-2.16	3.79	339.40	190.03	0.50
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	51.53	-3.73	2.23	203.53	327.00	0.49
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	51.53	-4.30	0.04	10.33	376.72	0.43
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	51.53	-3.71	-2.13	-180.27	325.57	0.29
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	51.53	-2.13	-3.73	-320.68	186.44	0.04
Dead+Wind 0 deg - Service	23.12	0.07	-4.30	-360.93	-7.73	-0.12
Dead+Wind 30 deg - Service	23.12	2.18	-3.72	-311.82	-183.13	-0.32
Dead+Wind 60 deg - Service	23.12	3.71	-2.17	-181.96	-310.16	-0.48
Dead+Wind 90 deg - Service	23.12	4.26	-0.05	-4.66	-355.31	-0.46
Dead+Wind 120 deg - Service	23.12	3.70	2.11	176.84	-309.78	-0.27
Dead+Wind 150 deg - Service	23.12	2.10	3.80	317.95	-172.51	0.14
Dead+Wind 180 deg - Service	23.12	-0.04	4.31	362.95	4.93	0.38
Dead+Wind 210 deg - Service	23.12	-2.13	3.76	316.57	178.63	0.47
Dead+Wind 240 deg - Service	23.12	-3.68	2.22	188.35	307.88	0.45

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead+Wind 270 deg - Service	23.12	-4.25	0.04	5.10	354.70	0.38
Dead+Wind 300 deg - Service	23.12	-3.67	-2.11	-175.34	306.29	0.26
Dead+Wind 330 deg - Service	23.12	-2.13	-3.75	-311.56	176.62	0.04

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
1	0.00	-23.12	0.00	0.00	23.12	0.00	0.000%
2	0.33	-27.74	-19.84	-0.33	27.74	19.84	0.002%
3	0.33	-20.81	-19.84	-0.33	20.81	19.84	0.002%
4	10.04	-27.74	-17.15	-10.04	27.74	17.15	0.000%
5	10.04	-20.81	-17.15	-10.04	20.81	17.15	0.001%
6	17.09	-27.74	-9.99	-17.09	27.74	9.99	0.000%
7	17.09	-20.81	-9.99	-17.09	20.81	9.99	0.000%
8	19.61	-27.74	-0.21	-19.61	27.74	0.21	0.002%
9	19.61	-20.81	-0.21	-19.61	20.81	0.21	0.002%
10	17.07	-27.74	9.74	-17.07	27.74	-9.74	0.000%
11	17.07	-20.81	9.74	-17.07	20.81	-9.74	0.001%
12	9.68	-27.74	17.52	-9.68	27.74	-17.52	0.000%
13	9.68	-20.81	17.52	-9.68	20.81	-17.52	0.001%
14	-0.19	-27.74	19.88	0.19	27.74	-19.88	0.002%
15	-0.19	-20.81	19.88	0.19	20.81	-19.88	0.002%
16	-9.83	-27.74	17.31	9.83	27.74	-17.31	0.000%
17	-9.83	-20.81	17.31	9.83	20.81	-17.31	0.000%
18	-16.97	-27.74	10.22	16.97	27.74	-10.22	0.000%
19	-16.97	-20.81	10.22	16.97	20.81	-10.22	0.001%
20	-19.57	-27.74	0.19	19.57	27.74	-0.19	0.002%
21	-19.57	-20.81	0.19	19.57	20.81	-0.19	0.002%
22	-16.91	-27.74	-9.72	16.91	27.74	9.72	0.000%
23	-16.91	-20.81	-9.72	16.91	20.81	9.72	0.001%
24	-9.84	-27.74	-17.29	9.84	27.74	17.29	0.000%
25	-9.84	-20.81	-17.29	9.84	20.81	17.29	0.001%
26	0.00	-51.53	0.00	-0.00	51.53	-0.00	0.001%
27	0.06	-51.53	-4.35	-0.06	51.53	4.35	0.001%
28	2.20	-51.53	-3.76	-2.20	51.53	3.76	0.001%
29	3.75	-51.53	-2.19	-3.75	51.53	2.19	0.001%
30	4.31	-51.53	-0.04	-4.30	51.53	0.04	0.001%
31	3.74	-51.53	2.14	-3.74	51.53	-2.14	0.001%
32	2.10	-51.53	3.78	-2.10	51.53	-3.78	0.001%
33	-0.04	-51.53	4.36	0.04	51.53	-4.36	0.001%
34	-2.16	-51.53	3.79	2.16	51.53	-3.79	0.001%
35	-3.73	-51.53	2.23	3.73	51.53	-2.23	0.001%
36	-4.30	-51.53	0.04	4.30	51.53	-0.04	0.001%
37	-3.71	-51.53	-2.13	3.71	51.53	2.13	0.001%
38	-2.13	-51.53	-3.73	2.13	51.53	3.73	0.001%
39	0.07	-23.12	-4.30	-0.07	23.12	4.30	0.002%
40	2.18	-23.12	-3.72	-2.18	23.12	3.72	0.002%
41	3.71	-23.12	-2.17	-3.71	23.12	2.17	0.002%
42	4.26	-23.12	-0.05	-4.26	23.12	0.05	0.002%
43	3.70	-23.12	2.11	-3.70	23.12	-2.11	0.002%
44	2.10	-23.12	3.80	-2.10	23.12	-3.80	0.002%
45	-0.04	-23.12	4.31	0.04	23.12	-4.31	0.002%
46	-2.13	-23.12	3.76	2.13	23.12	-3.76	0.002%
47	-3.68	-23.12	2.22	3.68	23.12	-2.22	0.002%
48	-4.25	-23.12	0.04	4.25	23.12	-0.04	0.002%
49	-3.67	-23.12	-2.11	3.67	23.12	2.11	0.002%
50	-2.13	-23.12	-3.75	2.13	23.12	3.75	0.002%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	6	0.00000001	0.00000001
2	Yes	12	0.00000001	0.00006313
3	Yes	12	0.00000001	0.00005286
4	Yes	14	0.00000001	0.00005773
5	Yes	13	0.00000001	0.00013741
6	Yes	14	0.00000001	0.00006746
7	Yes	14	0.00000001	0.00005193
8	Yes	12	0.00000001	0.00013484
9	Yes	12	0.00000001	0.00011118
10	Yes	14	0.00000001	0.00005422
11	Yes	13	0.00000001	0.00012939
12	Yes	14	0.00000001	0.00005543
13	Yes	13	0.00000001	0.00013220
14	Yes	12	0.00000001	0.00012151
15	Yes	12	0.00000001	0.00009986
16	Yes	14	0.00000001	0.00006812
17	Yes	14	0.00000001	0.00005240
18	Yes	14	0.00000001	0.00005731
19	Yes	13	0.00000001	0.00013647
20	Yes	12	0.00000001	0.00009142
21	Yes	12	0.00000001	0.00007625
22	Yes	14	0.00000001	0.00006014
23	Yes	13	0.00000001	0.00014429
24	Yes	14	0.00000001	0.00005683
25	Yes	13	0.00000001	0.00013558
26	Yes	6	0.00000001	0.00000633
27	Yes	12	0.00000001	0.00008568
28	Yes	12	0.00000001	0.00009412
29	Yes	12	0.00000001	0.00009491
30	Yes	12	0.00000001	0.00008479
31	Yes	12	0.00000001	0.00009301
32	Yes	12	0.00000001	0.00009322
33	Yes	12	0.00000001	0.00008728
34	Yes	12	0.00000001	0.00009743
35	Yes	12	0.00000001	0.00009599
36	Yes	12	0.00000001	0.00008549
37	Yes	12	0.00000001	0.00009307
38	Yes	12	0.00000001	0.00009268
39	Yes	11	0.00000001	0.00005354
40	Yes	11	0.00000001	0.00004514
41	Yes	11	0.00000001	0.00005108
42	Yes	11	0.00000001	0.00005467
43	Yes	11	0.00000001	0.00004464
44	Yes	11	0.00000001	0.00004550
45	Yes	11	0.00000001	0.00005517
46	Yes	11	0.00000001	0.00005192
47	Yes	11	0.00000001	0.00004513
48	Yes	11	0.00000001	0.00005371
49	Yes	11	0.00000001	0.00004752
50	Yes	11	0.00000001	0.00004544

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	120 - 77.33	11.17	46	0.78	0.00
L2	82 - 34.33	5.36	46	0.62	0.00
L3	40 - 0	1.27	46	0.29	0.00

Critical Deflections and Radius of Curvature - Service Wind

Elevation	Appurtenance	Gov. Load Comb.	Deflection	Tilt	Twist	Radius of Curvature
ft			in	°	°	ft
115.0000	(2) DB844G65ZAXY w/ Mount Pipe	46	10.35	0.76	0.00	57774
109.0000	A-ANT-23G-2-C	46	9.39	0.74	0.00	26261
107.0000	800MHZ RRH	46	9.07	0.74	0.00	22221
105.0000	APXVSPP18-C-A20 w/ Mount Pipe	46	8.75	0.73	0.00	19258
90.0000	APXV18-206517S-C w/ Mount Pipe	46	6.47	0.66	0.00	9628

Maximum Tower Deflections - Design Wind

Section No.	Elevation	Horz. Deflection	Gov. Load Comb.	Tilt	Twist
	ft	in		°	°
L1	120 - 77.33	51.75	16	3.62	0.02
L2	82 - 34.33	24.82	16	2.86	0.01
L3	40 - 0	5.88	16	1.33	0.00

Critical Deflections and Radius of Curvature - Design Wind

Elevation	Appurtenance	Gov. Load Comb.	Deflection	Tilt	Twist	Radius of Curvature
ft			in	°	°	ft
115.0000	(2) DB844G65ZAXY w/ Mount Pipe	16	47.98	3.54	0.02	12663
109.0000	A-ANT-23G-2-C	16	43.50	3.44	0.02	5755
107.0000	800MHZ RRH	16	42.01	3.41	0.02	4870
105.0000	APXVSPP18-C-A20 w/ Mount Pipe	16	40.54	3.37	0.02	4220
90.0000	APXV18-206517S-C w/ Mount Pipe	16	29.97	3.07	0.01	2108

Compression Checks

Pole Design Data

Section No.	Elevation	Size	L	L_u	Kl/r	A	P_u	ϕP_n	Ratio $\frac{P_u}{\phi P_n}$
	ft		ft	ft		in^2	K	K	
L1	120 - 77.33 (1)	TP30.45x21.91x0.22	42.6700	0.0000	0.0	20.7528	-10.35	1214.04	0.009
L2	77.33 - 34.33 (2)	TP38.61x29.0753x0.31	47.6700	0.0000	0.0	37.0990	-17.52	2170.29	0.008
L3	34.33 - 0 (3)	TP44.85x36.8559x0.38	40.0000	0.0000	0.0	54.4135	-27.73	3183.19	0.009

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	120 - 77.33 (1)	TP30.45x21.91x0.22	331.75	746.74	0.444	0.00	746.74	0.000
L2	77.33 - 34.33 (2)	TP38.61x29.0753x0.31	950.27	1790.19	0.531	0.00	1790.19	0.000
L3	34.33 - 0 (3)	TP44.85x36.8559x0.38	1680.93	3178.19	0.529	0.00	3178.19	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	120 - 77.33 (1)	TP30.45x21.91x0.22	12.83	364.21	0.035	2.17	938.54	0.002
L2	77.33 - 34.33 (2)	TP38.61x29.0753x0.31	16.56	651.09	0.025	2.16	2128.55	0.001
L3	34.33 - 0 (3)	TP44.85x36.8559x0.38	19.92	954.96	0.021	2.16	3735.52	0.001

Pole Interaction Design Data

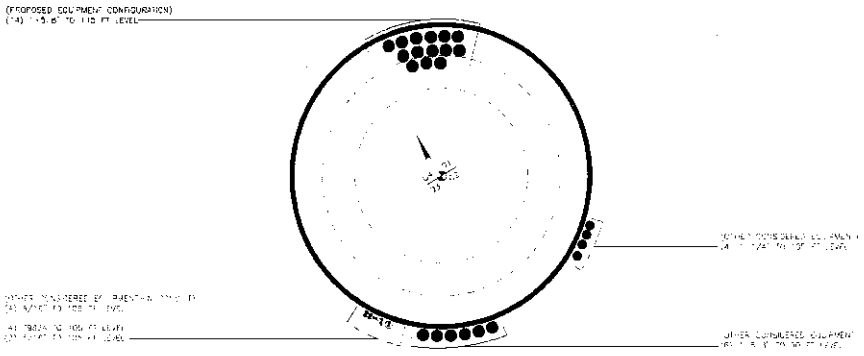
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	120 - 77.33 (1)	0.009	0.444	0.000	0.035	0.002	0.454	1.050	4.8.2
L2	77.33 - 34.33 (2)	0.008	0.531	0.000	0.025	0.001	0.540	1.050	4.8.2
L3	34.33 - 0 (3)	0.009	0.529	0.000	0.021	0.001	0.538	1.050	4.8.2

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	120 - 77.33	Pole	TP30.45x21.91x0.22	1	-10.35	1274.74	43.3	Pass
L2	77.33 - 34.33	Pole	TP38.61x29.0753x0.31	2	-17.52	2278.80	51.4	Pass
L3	34.33 - 0	Pole	TP44.85x36.8559x0.38	3	-27.73	3342.35	51.2	Pass
							Summary	
						Pole (L2)	51.4	Pass
						RATING =	**51.4**	**Pass**

APPENDIX B

BASE LEVEL DRAWING



APPENDIX C

ADDITIONAL CALCULATIONS

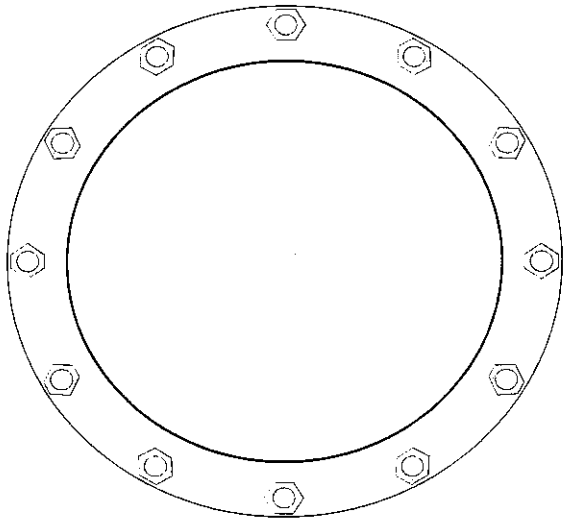
Monopole Base Plate Connection

Site Info	
BU #	806454
Site Name	
Order #	

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

Applied Loads	
Moment (kip-ft)	1680.93
Axial Force (kips)	27.73
Shear Force (kips)	19.92

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(12) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 52.95" BC

Base Plate Data

57.16" OD x 2.75" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

N/A

Pole Data

44.85" x 0.38" 12-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_c = 129.2	ϕPn_c = 243.75	**Stress Rating**
Vu = 1.66	ϕVn = 73.13	**50.5%**
Mu = n/a	ϕMn = n/a	Pass

Base Plate Summary

Max Stress (ksi):	14.77	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**26.0%**	Pass

Drilled Pier Foundation

CROWN CASTLE

BU # :	806454
Site Name:	
Order Number:	

TIA-222 Revison:	H
Tower Type:	Monopole

Applied Loads	Comp.	Uplift
Moment (kip-ft)	1681	
Axial Force (kips)	28	
Shear Force (kips)	20	

Material Properties		
Concrete Strength, f'c:	3	ksi
Rebar Strength, Fy:	60	ksi

Pier Design Data		
Depth	59.25	ft
Ext. Above Grade	0.5	ft
Pier Section 1		
From 0.5' above grade to 59.25' below grade		
Pier Diameter	6	ft
Rebar Quantity	36	
Rebar Size	11	
Clear Cover to Ties	3	in
Tie Size	4	

Analysis Results		
Soil Lateral Capacity	*Compression*	*Uplift*
D_{req} (ft from TOC)	13.44	-
Soil Safety Factor	18.60	-
Max Moment (kip-ft)	1879.98	-
Rating*	*6.8%*	-
Soil Vertical Capacity	*Compression*	*Uplift*
Skin Friction (kips)	538.07	-
End Bearing (kips)	296.88	-
Weight of Concrete (kips)	206.17	-
Total Capacity (kips)	834.95	-
Axial (kips)	234.17	-
Rating*	*26.7%*	-
Reinforced Concrete Capacity	*Compression*	*Uplift*
Critical Depth (ft from TOC)	13.32	-
Critical Moment (kip-ft)	1879.96	-
Critical Moment Capacity	6907.07	-
Rating*	*25.9%*	-

Soil Interaction Rating*	**26.7%**
Structural Foundation Rating*	**25.9%**

*Rating per TIA-222-H Section 15.5

Check Limitation	
Apply TIA-222-H Section 15.5:	☑
N/A	☐

Soil Profile

Groundwater Depth	13	ft	# of Layers: 5

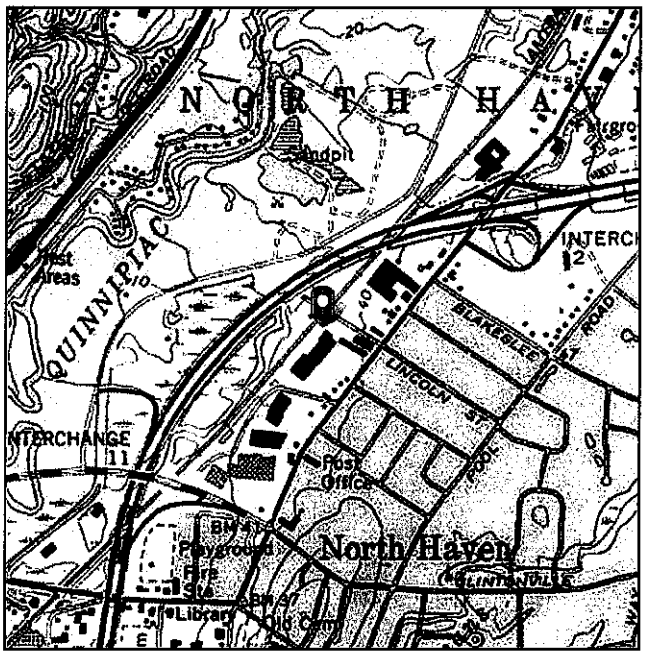
Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ_{soil} (pcf)	$\gamma_{concrete}$ (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Gross Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	3	3	105	150	0	0	0.000	0.000					Cohesionless
2	3	12	9	105	150	0	25	0.356	0.356				6	Cohesionless
3	12	13	1	110	150	1.25	0	0.688	0.688					Cohesive
4	13	42	29	47.6	87.6	1.25	0	0.688	0.688					Cohesive
5	42	59.25	17.25	52.6	87.6	1.5	0	0.825	0.825			14		Cohesive

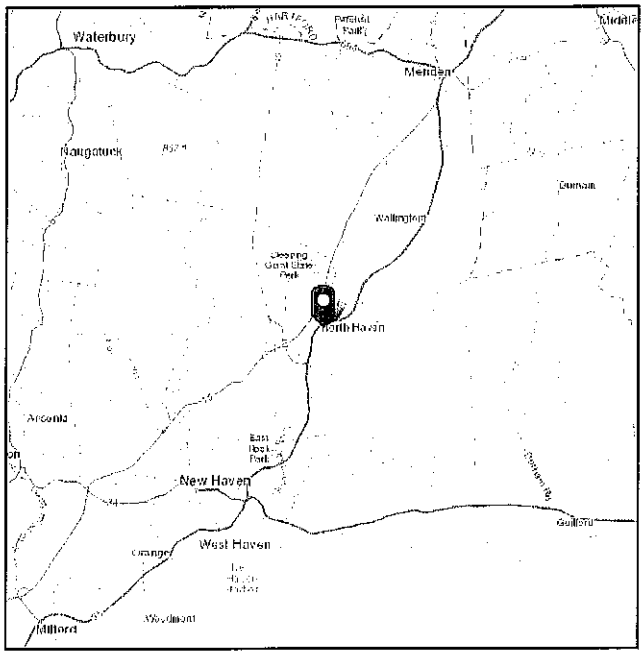
ASCE 7 Hazards Report

Address:
No Address at This Location

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

Elevation: 33.83 ft (NAVD 88)
Latitude: 41.396369
Longitude: -72.857686





Wind

Results:

Wind Speed:	125 Vmph
10-year MRI	77 Vmph
25-year MRI	87 Vmph
50-year MRI	94 Vmph
100-year MRI	101 Vmph
Data Source:	ASCE/SEI 7-10, Fig. 26.5-1A and Figs. CC-1–CC-4, incorporating errata of March 12, 2014
Date Accessed:	Mon Oct 28 2019

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

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

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

ASCE
AMERICAN SOCIETY OF CIVIL ENGINEERS

Ice

Results:

Ice Thickness:	0.75 in.
Concurrent Temperature:	15 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Mon Oct 28 2019

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

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

REVIEWED
By Mike Laverty at 9:19 am, Nov 07, 2019

verizo

NO HAVEN
117 WASHINGT
NORTH HAVEN,

PROJECT SUMMARY

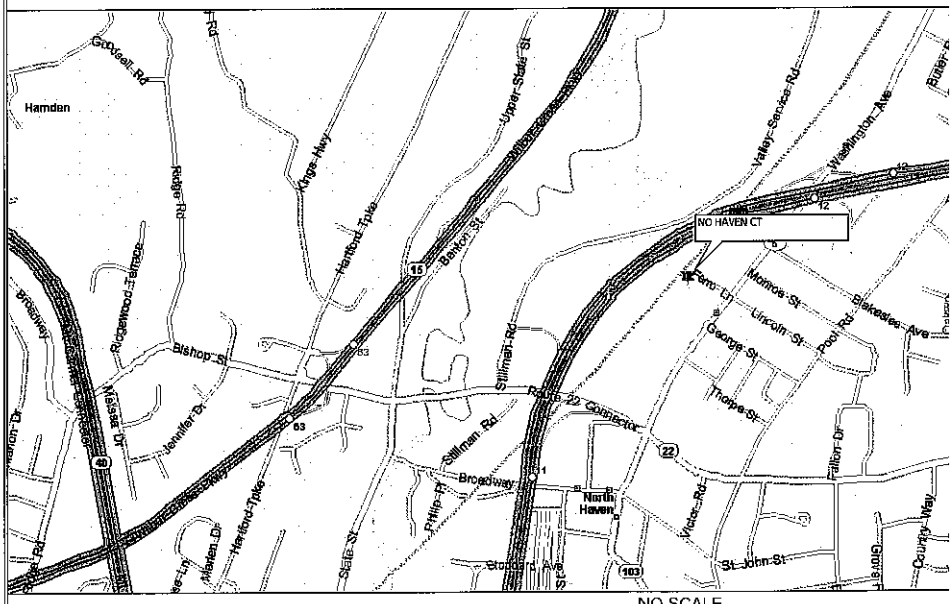
SITE NAME:	NO HAVEN CT
SITE ADDRESS:	117 WASHINGTON ST NORTH HAVEN, CT 06473
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DR CANONSBURG, PA 15317
BU NUMBER:	806454
MAP NUMBER:	073
LOT NUMBER:	009
CUSTOMER/APPLICANT:	VERIZON WIRELESS 400 FRIEBERG PARKWAY WESTBOROUGH, MA 01581
CONTACT:	DAN MYZYRI (617) 945-7288
NAD83	
LATITUDE:	41° 23' 46.93" N
LONGITUDE:	72° 51' 27.67" W
ELEVATION:	33'
CURRENT ZONING:	N/A
A&E FIRM:	B+T GROUP 1717 S. BOULDER, SUITE 300 TULSA, OK 74119 MIKE OAKES (918) 587-4630
OCCUPANCY TYPE:	UNMANNED
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.

CODE COMPLIANCE

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

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

LOCATION MAP

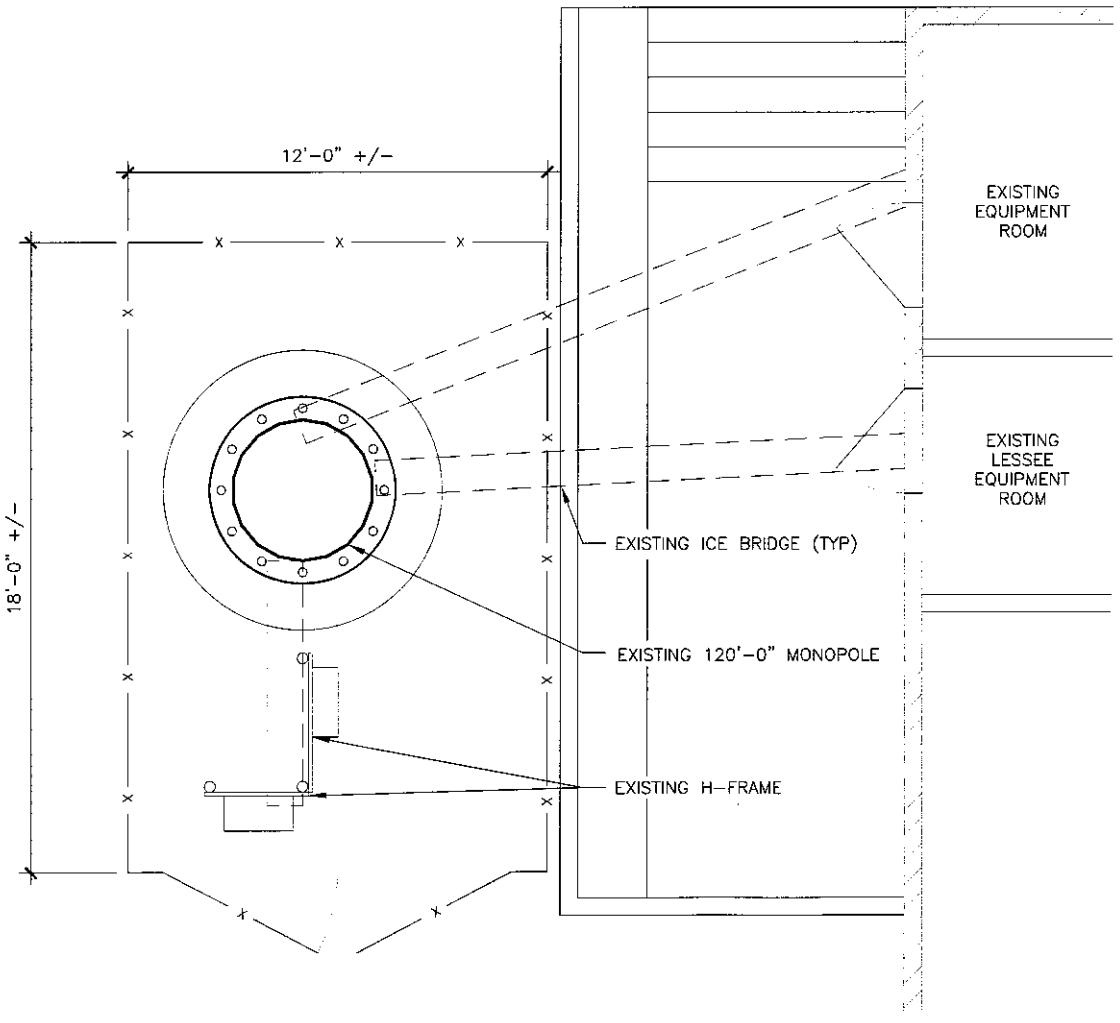


NO SCALE

DRIVING DIRECTIONS

DEPART FROM BRADLEY INTERNATIONAL AIRPORT ON LOCAL ROAD. TAKE LOCAL ROAD ONTO TERMINAL RD. ROAD CONNECTOR. ROAD NAME CHANGES TO CT-20 [BRADLEY FIELD CONNECTOR]. TAKE RAMP ONTO I-91 [RICHARD RIGHT ONTO RAMP. BEAR LEFT (ONTO US-5 [WASHINGTON AVE]. TURN RIGHT ONTO FERRO LN. TURN LEFT ONTO

NOTES:
1. CONTRACTOR TO VERIFY EXACT
   INSTALLATION AND ANTENNA HE
   DATA SHEETS PRIOR TO INSTAL
2. STRUCTURAL ANALYSIS DONE E
3. VERIZON SHALL PROVIDE A ST
   THE TOWER PREPARED BY A L
   STRUCTURAL ENGINEER CERTIF
   TOWER AND PROPOSED IMPRO
   CAPACITY TO SUPPORT ALL NE
   DONE IN COMPLIANCE WITH TH
   BUILDING CODES AND EIA/TIA
   CONTRACTOR IS RESPONSIBLE
   AND ALL IMPROVEMENTS REQU
   ANALYSIS CERTIFICATION ARE P
   PRIOR TO THE ADDITION OF AN
   APPURTENANCES PROPOSED O
   OTHERWISE NOTED IN THE STR
   AND WEATHERPROFF UNUSED A
4. ESTIMATED HYBRIFLEX CABLE L

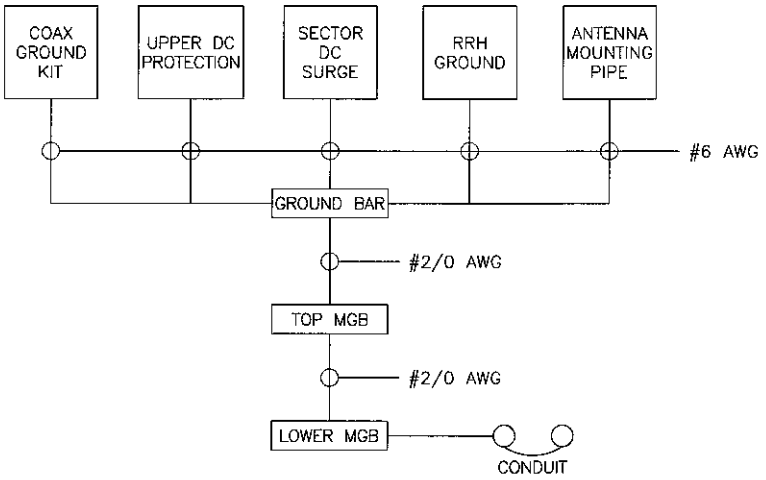


1 COMPOUND PLAN

SCALE: 0' 1' 4' 8' 16'

N

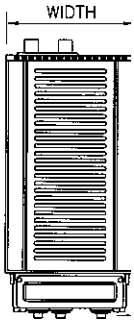
NOTE:
1. INSTALL ALL EQUIPMENT, MOUNTING BRACKETS AND HARDWARE ACCORDING WITH MANUFACTURE'S RECOMMENDATIONS.
2. GROUND DISTRIBUTION BOXES, MOUNTING PIPES AND RRHs IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS.
3. INSTALLED EQUIPMENT AND MOUNTING BRACKETS SHALL NOT INTERFERE WITH CLIMBING ACCESS NOR ANT INSTALLED SAFETY DEVICES.
4. EQUIPMENT TO BE INSTALLED AT VERIZON'S RAD. CENTER IN ACCORDANCE WITH TOWER STRUCTURAL ANALYSIS (ANALYSIS BY OTHERS).



NOTE:
1. BOND ANTENNA GROUNDING KIT CABLES TO TOP CIBE.
2. BOND ANTENNA GROUNDING KIT CABLE TO BOTTOM CIBE.
3. TYPICAL FOR ALL SECTORS.

1 GROUNDING SCHEMATIC DIAGRAM
SCALE: N.T.S.

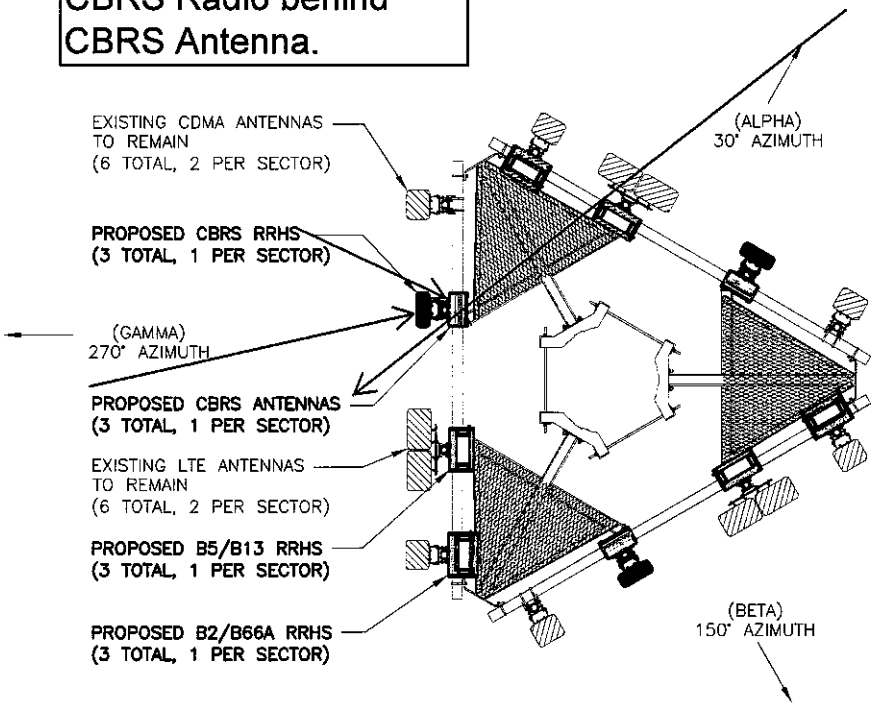
REMOTE RADIO HEAD DI		
MODEL	HEIGHT	W
20W CBRS	12.1"	
RV01U-D1A	15"	
RV01U-D2A	15"	



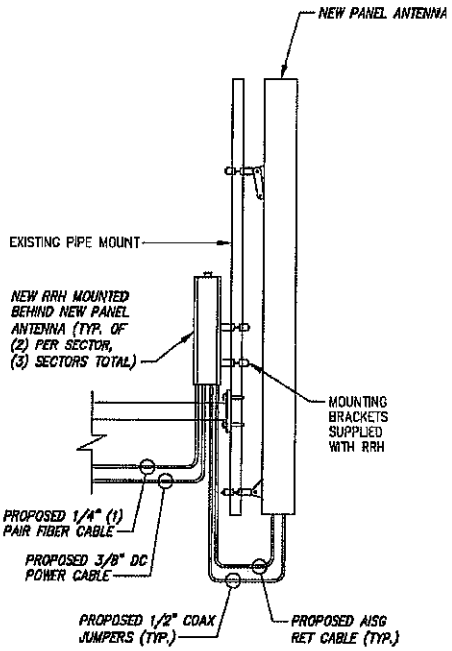
2 RRH SPECIFICATIONS
SCALE: N.T.S.

CBRS Radio behind CBRS Antenna.

Call out proposed antenna model number per RFDS.



3 PROPOSED ANTENNA ORIENTATION
SCALE: N.T.S.



1 ANTENNA MOUNTING DETAIL

SCALE: N.T.S.

Date: **October 29, 2019**

FDH INFRASTRUCTURE SERVICES
ENGINEERING INNOVATION

FDH Infrastructure Services, LLC
6521 Meriden Drive Suite 107
Raleigh, NC 27616
(919) 755-1012
Structural@fdh-is.com

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

Subject:	**Mount Analysis Report**	
Carrier Designation:	**Verizon Wireless Co-Locate**	
	Carrier Site Number:	NG1915
	Carrier Site Name:	NO HAVEN CT
Crown Castle Designation:	**Crown Castle BU Number:**	806454
	Crown Castle Site Name:	NHV 112 948129
	Crown Castle JDE Job Number:	592725
	Crown Castle Order Number:	506770 Revision 0
Engineering Firm Designation:	**FDH Infrastructure Services, LLC Report Designation:** PR-001915	
Site Data:	**117 Washington Street, North Haven, New Haven County, CT 06473** **Latitude 41°23'46.93" Longitude -72°51'27.67"**	
Structure Information:	**Tower Height & Type:**	**120.0 ft Monopole**
	Mount Elevation:	**115 ft**
	Mount Type:	**12.5 ft Platform w/ Handrails**

Dear Darcy Tarr,

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

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

Platform w/ Handrails	**Sufficient**

This analysis utilizes an ultimate 3-second gust wind speed of 125 mph as required by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Respectfully submitted by:

David Craft, EIT
Project Engineer I

Reviewed by:

Krystyn M. Perez, PE
Vice President, Structural Engineering
CT PE License No. 32975

STATE OF CONNECTICUT
KRYSTYN M. PEREZ
No. 32975
LICENSED PROFESSIONAL ENGINEER

10/29/2019

TABLE OF CONTENTS

1) INTRODUCTION

This is a 12.5' Platform Mount w/ Handrails designed by Site Pro 1.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Ultimate Wind Speed:	125 mph
Exposure Category:	B
Topographic Factor at Base:	1
Topographic Factor at Mount:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Seismic S_s:	0.184
Seismic S_1:	0.062
Live Loading Wind Speed:	30 mph
Man Live Load at Mid/End-Points:	250 lb
Man Live Load at Mount Pipes:	500 lb

Table 1 - Proposed Equipment Configuration

Mount Centerline (ft)	Antenna Centerline (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Mount / Modification Details
115.0	117.0	3	commscope	CBC78T-DS-43-2X	12.5' Platform w/ Handrails [Site Pro 1 P/N RMQP-4096-HK]
		6	commscope	JAHH-65B-R3B	
		3	commscope	SSPX310R	
		6	decibel	DB844G65ZAXY	
		2	rfs celwave	DB-T1-6Z-8AB-0Z	
		3	samsung telecommunications	20W CBRS	
		3	samsung telecommunications	RFV01U-D1A	
		3	samsung telecommunications	RFV01U-R2A	

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Reference	Source
4-MOUNT MANUFACTURE DRAWINGS	Site Pro 1	DWG. NO. RMQP-4096-HK	On File
LOADING ORDER	Verizon Wireless	Order 506770 Rev. 0	CCISITES
4-MOUNT REINFORCEMNT DESIGN/DRAWINGS/DATA	All-Points Technology Corporation, P.C.	8729646	CCISITES

3.1) Analysis Method

RISA-3D (version 17.0.4), a commercially available analysis software package, was used to create a three-dimensional model of the antenna mounting system and calculate member stresses for various loading cases.

FDH Infrastructure Services, LLC Mount Analysis Tool v5.1.6, a tool internally developed FDH Infrastructure Services, LLC, 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).

3.2) Assumptions

1) The antenna mounting system was properly fabricated, installed and maintained in good condition in accordance with its original design and manufacturer's specifications.
2) The configuration of antennas, mounts, and other appurtenances are as specified in Table 1 and the referenced drawings.
3) All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
4) Steel grades have been assumed as follows, unless noted otherwise:

Channel, Solid Round, Angle, Plate	ASTM A36 (GR 36)
HSS (Rectangular)	ASTM 500 (GR B-46)
Pipe	ASTM A53 (GR 35)
Connection Bolts	ASTM A325

This analysis may be affected if any assumptions are not valid or have been made in error. FDH Infrastructure Services, LLC 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 (Platform w/ Handrails)

Notes	Component	Critical Member	Centerline (ft)	% Capacity[3]	Pass / Fail
1	Face Horizontal(s)	HA	115.0	19.4	Pass
1	Standoff Member(s)	S4	115.0	13.4	Pass
1	Bracing Member(s)	CB3	115.0	46.3	Pass
1	Handrail(s)	HRC	115.0	53.5	Pass
1	Kicker Support	K2	115.0	10.0	Pass
1	Mount Pipes	PMA3	115.0	32.7	Pass
1, 2	Mount to Tower Connection	-	115.0	17.9	Pass

Structure Rating (max from all components) =	53.5[3]

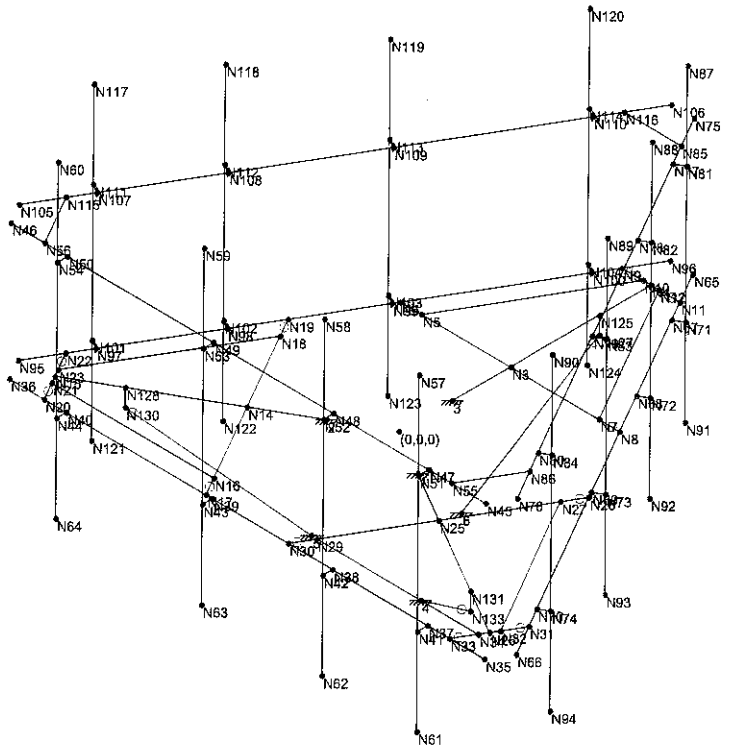
Notes:
1) See additional documentation in "Appendix C - Software Analysis Output" for calculations supporting the % capacity.
2) See additional documentation in "Appendix B – Software Input Calculations" for calculations supporting the % capacity.
3) Rating per TIA-222-H Section 15.5

4.1) Recommendations

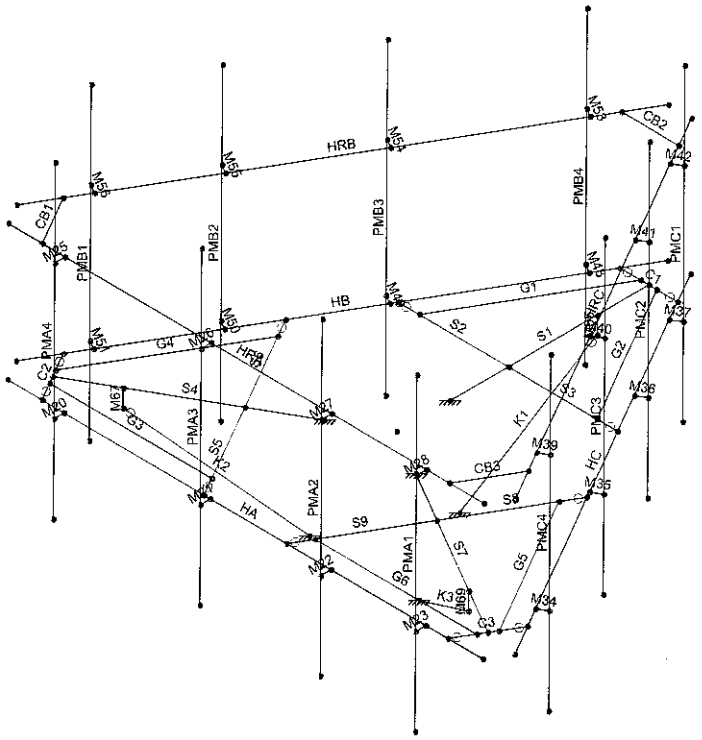
The mount has sufficient capacity to carry the proposed loading configuration. No modifications are required at this time.

APPENDIX A

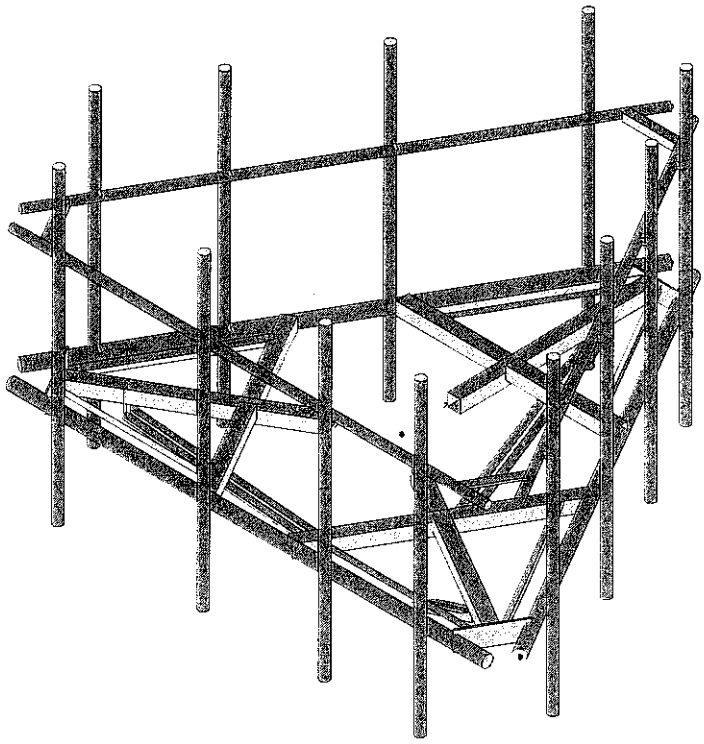
WIRE FRAME AND RENDERED MODELS



FDH Infrastructure Services, LLC	806454-NHV 112 948129	Existing Mount
DDC		Oct 29, 2019 at 1:34 PM
PR-001915		806454-NHV 112 948129 (10-29-2019 12 02 P...



FDH Infrastructure Services, LLC	806454-NHV 112 948129	Existing Mount
DDC		Oct 29, 2019 at 1:34 PM
PR-001915		806454-NHV 112 948129 (10-29-2019 12 02 P...



FDH Infrastructure Services, LLC	806454-NHV 112 948129	Existing Mount
DDC		Oct 29, 2019 at 1:35 PM
PR-001915		806454-NHV 112 948129 (10-29-2019 12 02 P...

APPENDIX B

SOFTWARE INPUT CALCULATIONS

FDH INFRASTRUCTURE SERVICES
ENGINEERING INNOVATION

Mount Analysis

Project Information	
Project Number:	PR-001915
Site Name:	NHV 112 948129
Site Number:	805454

Analysis Parameters			
Tower Type:	TowerType	Monopole	-
Mount Status:	MountStatus	Existing	-
Mount Type:	MountType	Platform w/ Handrails	-
Analysis Code:	Code	TIA-222-H	-
IBC Code:	IbcCode	2015 IBC	-
Max Stress Ratio:	MaxStressRatio	100%	-
Tower Height:	TwrHeight	120	ft
Effective Mount Centerline Height:	MntHeight	115	ft
RISA Y-Coordinate of Mount CL:	MountY	21	in
Ultimate Wind Speed:	WindSpeed	125	mph
Maintenance Wind Speed:	MaintWind	30	mph
Design Ice Wind Speed:	IceWind	50	mph
Ultimate Ice Thickness:	IceThickness	1.5	in
Risk Category:	RiskCat	II	-
Exposure Category:	Exposure	B	-
Topographic Factor K_{zt}:	Kzt	1	-
Ss:	Ss	0.184	-
S_1:	S1	0.062	-
Site Class:	SiteClass	D (assumed)	-
Ground Elevation at Base of Structure:	zs	0	ft
Roof Speed Up Factor:	Ks		-

Wind Parameters			
Wind Speed:			
Sheilding Factor K_a:	Ka	0.90	-
Gust Factor G_H:	Gh	1.00	-
Velocity Pressure Factor K_z:	Kz	1.03	-
Wind Importance Factor I:	I	1	-
Exist. Structure Reduction Factor Fw:	Fw	1.00	-
Direction Probability Factor K_d:	Kd	0.95	-
Wind Pressure q_z:	qz	38.08	psf
Maint. Wind Pressure q_{z-m}:	qzm	2.25	psf
Ice Wind Speed:			
Design Ice Thickness t_{z-i}:	tiz	1.70	in
Ice Height Escalation Factor K_{zi}:	Kiz	1.13	-
Ice Importance Factor I:	I	1.00	-

Load Combinations
1.2D + 1.0Wo
1.2D + 1.0Di + 1.0Wi
1.4D
1.2D + 1.5Lm + 1.0Wm
1.2D + 1.5Lv
1.2D + 1.0Eh

Considered Wind Directions
0°, 30°, 60°, 90°, 120°, 150°, 180°, 210°, 240°, 270°, 300°, 330°

Maintenance Loads	
Pipe Mounts, L_M (lbs):	500
Horizontals, L_V (lbs):	250

Maximum Deflections		
Vertical (in)	Tilt (deg)	Twist (deg)
0.090	0.296	0.082

Tie-Back End Reactions		
Member Label	Joint Label at BC	Resultant (lbs)

Overall Max Stress Ratio	
53.5%	Pass

Connection Summary										
Node Label	Bolt Quantity	Bolt Diameter (in)	Bolt Type	Tu (kips)	ΦTn (kips)	Vu (kips)	ΦVn (kips)	Controlling LC	Stress Ratio	Pass/Fail
5	1	0.625	A325N	3.83	20.34	2.43	13.82	21	17.5%	Pass

Section Sets Summary						
Section Set	Member	Member Label	Controlling	LC	Stress Ratio	Pass/Fail
A Face Horizontal	PIPE_3.0	HA	Shear	1	19.4%	Pass
B Face Horizontal	PIPE_3.0	HB	Bending	3	18.2%	Pass
C Face Horizontal	PIPE_3.0	HC	Bending	7	18.1%	Pass
Stand Off	HSS4X4X4	S4	Bending	12	13.4%	Pass
Corner Gusset	PL6x1/2	G3	Bending	5	22.7%	Pass
Grating Support	L2x2x3	G6	Bending	218	38.5%	Pass
A Pipe Mount	PIPE_2.5	PMA3	Bending	8	32.7%	Pass
B Pipe Mount	PIPE_2.5	PMB3	Bending	2	31.9%	Pass
C Pipe Mount	PIPE_2.5	PMC3	Bending	6	30.8%	Pass
A Hand Rail	PIPE_2.0	HRA	Bending	6	51.6%	Pass
B Hand Rail	PIPE_2.0	HRB	Bending	12	50.4%	Pass
C Hand Rail	PIPE_2.0	HRC	Bending	2	53.5%	Pass
Hand Rail Corner Brace	L2.5x2.5x4	CB3	Bending	6	46.3%	Pass
Kickers	LL2.5x2.5x3x5	K2	Bending	21	10.0%	Pass

Site Specific Appurtenances:

	Include Loading (Yes/No)	Manufacturer	Model	Member Label	Type	#	Absolute Azimuth (deg)	Centerline Elevation (ft)	Height (in)	Width (in)	Depth (in)	Weight (lbs)	Ice Weight (lbs)	CaAa Front No Ice (ft^2)	CaAa Front Ice (ft^2)	CaAa Side No Ice (ft^2)	CaAa Side Ice (ft^2)
1	Yes	decibel	DB844G65ZAXY	PMA1	Antenna	1	0.00	117.00	48.0	10.0	8.0	16.0	136.471	4.341	6.023	3.615	5.246
2	Yes	commscope	CBC78T-DS-43-2X	PMA1	Other	1	0.00	117.00	6.4	6.9	9.6	20.7	35.673	0.368	0.841	0.512	1.061
3	Yes	commscope	JAHH-65B-R3B	PMA2	Antenna	2	0.00	117.00	72.0	13.8	8.2	63.3	284.447	9.113	11.561	5.983	8.368
4	Yes	commscope	BSAMNT-SBS-2-2	PMA2	Other	1	0.00	119.50	4.0	24.0	6.0	13.0	31.298	0.800	1.689	0.200	0.580
5	Yes	commscope	BSAMNT-SBS-2-2	PMA2	Other	1	0.00	114.50	4.0	24.0	6.0	13.0	31.298	0.800	1.689	0.200	0.580
6	Yes	rfs celwave	DB-T1-6Z-8AB-0Z	PMA2	Other	1	0.00	117.00	24.0	24.0	10.0	44.0	159.023	4.800	6.256	2.000	3.059
7	Yes	samsung telecommunications	RFV01U-D1A	PMA2	Other	1	0.00	117.00	15.0	15.0	10.0	44.4	135.599	1.875	2.821	1.250	2.054
8	Yes	commscope	SSPX310R	PMA3	Antenna	1	0.00	117.00	29.5	11.8	4.5	16.5	89.635	2.901	4.167	1.272	2.299
9	Yes	rfs celwave	DB-T1-6Z-8AB-0Z	PMA3	Other	1	0.00	117.00	24.0	24.0	10.0	44.0	159.023	4.800	6.256	2.000	3.059
10	Yes	decibel	DB844G65ZAXY	PMA4	Antenna	1	0.00	117.00	48.0	10.0	8.0	16.0	136.471	4.341	6.023	3.615	5.246
11	Yes	samsung telecommunications	20W CBRS	PMA4	Other	1	0.00	117.00	12.1	8.5	4.1	18.6	41.955	0.857	1.537	0.420	0.969
12	Yes	decibel	DB844G65ZAXY	PMB1	Antenna	1	120.00	117.00	48.0	10.0	8.0	16.0	136.471	4.341	6.023	3.615	5.246
13	Yes	samsung telecommunications	RFV01U-D1A	PMB1	Other	1	120.00	117.00	15.0	15.0	10.0	44.4	135.599	1.875	2.821	1.250	2.054
14	Yes	commscope	JAHH-65B-R3B	PMB2	Antenna	2	120.00	117.00	72.0	13.8	8.2	63.3	284.447	9.113	11.561	5.983	8.368
15	Yes	commscope	BSAMNT-SBS-2-2	PMB2	Other	1	120.00	119.50	4.0	24.0	6.0	13.0	31.298	0.800	1.689	0.200	0.580
16	Yes	commscope	BSAMNT-SBS-2-2	PMB2	Other	1	120.00	114.50	4.0	24.0	6.0	13.0	31.298	0.800	1.689	0.200	0.580
17	Yes	commscope	CBC78T-DS-43-2X	PMB2	Other	1	120.00	117.00	6.4	6.9	9.6	20.7	35.673	0.368	0.841	0.512	1.061
18	Yes	samsung telecommunications	RFV01U-D1A	PMB2	Other	1	120.00	117.00	15.0	15.0	10.0	44.4	135.599	1.875	2.821	1.250	2.054
19	Yes	commscope	SSPX310R	PMB3	Antenna	1	120.00	117.00	29.5	11.8	4.5	16.5	89.635	2.901	4.167	1.272	2.299
20	Yes	samsung telecommunications	RFV01U-D2A	PMB3	Other	1	120.00	117.00	15.0	15.0	8.1	70.3	118.954	1.875	2.821	1.013	1.763
21	Yes	decibel	DB844G65ZAXY	PMB4	Antenna	1	120.00	117.00	48.0	10.0	8.0	16.0	136.471	4.341	6.023	3.615	5.246
22	Yes	commscope	CBC78T-DS-43-2X	PMB4	Other	1	120.00	117.00	6.4	6.9	9.6	20.7	35.673	0.368	0.841	0.512	1.061
23	Yes	decibel	DB844G65ZAXY	PMC1	Antenna	1	240.00	117.00	48.0	10.0	8.0	16.0	136.471	4.341	6.023	3.615	5.246
24	Yes	samsung telecommunications	RFV01U-D2A	PMC1	Other	1	240.00	117.00	15.0	15.0	8.1	70.3	118.954	1.875	2.821	1.013	1.763
25	Yes	commscope	JAHH-65B-R3B	PMC2	Antenna	2	240.00	117.00	72.0	13.8	8.2	63.3	284.447	9.113	11.561	5.983	8.368
26	Yes	commscope	BSAMNT-SBS-2-2	PMC2	Other	1	240.00	119.50	4.0	24.0	6.0	13.0	31.298	0.800	1.689	0.200	0.580
27	Yes	commscope	BSAMNT-SBS-2-2	PMC2	Other	1	240.00	114.50	4.0	24.0	6.0	13.0	31.298	0.800	1.689	0.200	0.580
28	Yes	samsung telecommunications	20W CBRS	PMC2	Other	1	240.00	117.00	12.1	8.5	4.1	18.6	41.955	0.857	1.537	0.420	0.969
29	Yes	samsung telecommunications	RFV01U-D2A	PMC2	Other	1	240.00	117.00	15.0	15.0	8.1	70.3	118.954	1.875	2.821	1.013	1.763
30	Yes	commscope	SSPX310R	PMC3	Antenna	1	240.00	117.00	29.5	11.8	4.5	16.5	89.635	2.901	4.167	1.272	2.299
31	Yes	samsung telecommunications	20W CBRS	PMC3	Other	1	240.00	117.00	12.1	8.5	4.1	18.6	41.955	0.857	1.537	0.420	0.969
32	Yes	decibel	DB844G65ZAXY	PMC4	Antenna	1	240.00	117.00	48.0	10.0	8.0	16.0	136.471	4.341	6.023	3.615	5.246

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 (in/sec^2)	386.4
Wall Mesh Size (in)	12
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?	Yes(Iterative)
RISAConnection Code	AISC 14th(360-10): LRFD
Cold Formed Steel Code	AISI S100-10: ASD
Wood Code	AWC NDS-12: ASD
Wood Temperature	< 100F
Concrete Code	ACI 318-11
Masonry Code	ACI 530-11: ASD
Aluminum Code	AA ADM1-10: ASD - Building
Stainless Steel Code	AISC 14th(360-10): ASD
Adjust Stiffness?	Yes(Iterative)

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?	No
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 (in)	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	4
Cd X	4
Rho Z	1
Rho X	1

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E..	Density[k/ft..	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
2	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
3	A992	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

General Material Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E5 F)	Density[k/ft^3]
1	gen_Conc3NW	3155	1372	.15	.6	.145
2	gen_Conc4NW	3644	1584	.15	.6	.145
3	gen_Conc3LW	2085	906	.15	.6	.11
4	gen_Conc4LW	2408	1047	.15	.6	.11
5	gen_Alum	10600	4077	.3	1.29	.173
6	gen_Steel	29000	11154	.3	.65	.49
7	RIGID	1e+6		.3	0	0

Material Takeoff

	Material	Size	Pieces	Length[in]	Weight[K]
1	General				
2	RIGID		27	92.9	0

Material Takeoff (Continued)

	Material	Size	Pieces	Length[in]	Weight[K]
3	Total General		27	92.9	0
4					
5	Hot Rolled Steel				
6	A36 Gr.36	LL2.5x2.5x3x6	3	151.4	.077
7	A36 Gr.36	L2.5x2.5x4	3	54.2	.018
8	A36 Gr.36	L2x2x3	6	306.1	.063
9	A36 Gr.36	PL6x1/2	3	54.7	.047
10	A500 Gr.B Rect	HSS4X4X4	9	395.3	.406
11	A53 Gr.B	PIPE_2.0	3	450.1	.13
12	A53 Gr.B	PIPE_2.5	12	1152	.526
13	A53 Gr.B	PIPE_3.0	3	450.1	.264
14	Total HR Steel		42	3014	1.531

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
1	S1	3	N4			Stand Off	Beam	SquareTube	A500 Gr...	Typical
2	S2	N3	N6			Stand Off	Beam	SquareTube	A500 Gr...	Typical
3	S3	N3	N8			Stand Off	Beam	SquareTube	A500 Gr...	Typical
4	S4	2	N15			Stand Off	Beam	SquareTube	A500 Gr...	Typical
5	S5	N14	N17			Stand Off	Beam	SquareTube	A500 Gr...	Typical
6	S6	N14	N19			Stand Off	Beam	SquareTube	A500 Gr...	Typical
7	S7	1	N26			Stand Off	Beam	SquareTube	A500 Gr...	Typical
8	S8	N25	N28			Stand Off	Beam	SquareTube	A500 Gr...	Typical
9	S9	N25	N30			Stand Off	Beam	SquareTube	A500 Gr...	Typical
10	M20	N40	N44			RIGID	None	None	RIGID	Typical
11	M21	N39	N43			RIGID	None	None	RIGID	Typical
12	M22	N38	N42			RIGID	None	None	RIGID	Typical
13	M23	N37	N41			RIGID	None	None	RIGID	Typical
14	M25	N50	N54			RIGID	None	None	RIGID	Typical
15	M26	N49	N53			RIGID	None	None	RIGID	Typical
16	M27	N48	N52			RIGID	None	None	RIGID	Typical
17	M28	N47	N51			RIGID	None	None	RIGID	Typical
18	M34	N70	N74			RIGID	None	None	RIGID	Typical
19	M35	N69	N73			RIGID	None	None	RIGID	Typical
20	M36	N68	N72			RIGID	None	None	RIGID	Typical
21	M37	N67	N71			RIGID	None	None	RIGID	Typical
22	M39	N80	N84			RIGID	None	None	RIGID	Typical
23	M40	N79	N83			RIGID	None	None	RIGID	Typical
24	M41	N78	N82			RIGID	None	None	RIGID	Typical
25	M42	N77	N81			RIGID	None	None	RIGID	Typical
26	M48	N100	N104			RIGID	None	None	RIGID	Typical
27	M49	N99	N103			RIGID	None	None	RIGID	Typical
28	M50	N98	N102			RIGID	None	None	RIGID	Typical
29	M51	N97	N101			RIGID	None	None	RIGID	Typical
30	M53	N110	N114			RIGID	None	None	RIGID	Typical
31	M54	N109	N113			RIGID	None	None	RIGID	Typical
32	M55	N108	N112			RIGID	None	None	RIGID	Typical
33	M56	N107	N111			RIGID	None	None	RIGID	Typical
34	M65	N125	N127			RIGID	None	None	RIGID	Typical
35	M67	N128	N130			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
36	M69	N131	N133			RIGID	None	None	RIGID	Typical
37	K1	N127	6			Kickers	VBrace	Double Angl...	A36 Gr.36	Typical
38	K2	N130	5			Kickers	VBrace	Double Angl...	A36 Gr.36	Typical
39	K3	N133	4			Kickers	VBrace	Double Angl...	A36 Gr.36	Typical
40	CB1	N56	N115		180	Hand Rail Corner Brace	HBrace	Single Angle	A36 Gr.36	Typical
41	CB2	N116	N85		180	Hand Rail Corner Brace	HBrace	Single Angle	A36 Gr.36	Typical
42	CB3	N86	N55		180	Hand Rail Corner Brace	HBrace	Single Angle	A36 Gr.36	Typical
43	G1	N5	N10			Grating Support	HBrace	Single Angle	A36 Gr.36	Typical
44	G2	N7	N12		270	Grating Support	HBrace	Single Angle	A36 Gr.36	Typical
45	G3	N16	N21			Grating Support	HBrace	Single Angle	A36 Gr.36	Typical
46	G4	N18	N23		270	Grating Support	HBrace	Single Angle	A36 Gr.36	Typical
47	G5	N27	N32			Grating Support	HBrace	Single Angle	A36 Gr.36	Typical
48	G6	N29	N34		270	Grating Support	HBrace	Single Angle	A36 Gr.36	Typical
49	C1	N9	N11			Corner Gusset	HBrace	RECT	A36 Gr.36	Typical
50	C2	N20	N22			Corner Gusset	HBrace	RECT	A36 Gr.36	Typical
51	C3	N31	N33			Corner Gusset	HBrace	RECT	A36 Gr.36	Typical
52	PMC1	N87	N91			C Pipe Mount	Column	Pipe	A53 Gr.B	Typical
53	PMC2	N88	N92			C Pipe Mount	Column	Pipe	A53 Gr.B	Typical
54	PMC3	N89	N93			C Pipe Mount	Column	Pipe	A53 Gr.B	Typical
55	PMC4	N90	N94			C Pipe Mount	Column	Pipe	A53 Gr.B	Typical
56	HRC	N75	N76			C Hand Rail	HBrace	Pipe	A53 Gr.B	Typical
57	HC	N65	N66			C Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
58	PMB1	N117	N121			B Pipe Mount	Column	Pipe	A53 Gr.B	Typical
59	PMB2	N118	N122			B Pipe Mount	Column	Pipe	A53 Gr.B	Typical
60	PMB3	N119	N123			B Pipe Mount	Column	Pipe	A53 Gr.B	Typical
61	PMB4	N120	N124			B Pipe Mount	Column	Pipe	A53 Gr.B	Typical
62	HRB	N105	N106			B Hand Rail	HBrace	Pipe	A53 Gr.B	Typical
63	HB	N95	N96			B Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
64	PMA1	N57	N61			A Pipe Mount	Column	Pipe	A53 Gr.B	Typical
65	PMA2	N58	N62			A Pipe Mount	Column	Pipe	A53 Gr.B	Typical
66	PMA3	N59	N63			A Pipe Mount	Column	Pipe	A53 Gr.B	Typical
67	PMA4	N60	N64			A Pipe Mount	Column	Pipe	A53 Gr.B	Typical
68	HRA	N45	N46			A Hand Rail	HBrace	Pipe	A53 Gr.B	Typical
69	HA	N35	N36			A Face Horizontal	Beam	Pipe	A53 Gr.B	Typical

Hot Rolled Steel Design Parameters

	Label	Shape	Length[in]	Lbyy[in]	Lbzz[in]	Lcomp top[in]	Lcomp bot[in]	L-torqu...	Kyy	Kzz	Cb	Function
1	S1	Stand Off	62.5	46.25	62.5	Lbyy			1	1		Lateral
2	S2	Stand Off	34.637			Lbyy			.8	.8		Lateral
3	S3	Stand Off	34.637			Lbyy			.8	.8		Lateral
4	S4	Stand Off	62.5	46.25	62.5	Lbyy			1	1		Lateral
5	S5	Stand Off	34.637			Lbyy			.8	.8		Lateral
6	S6	Stand Off	34.637			Lbyy			.8	.8		Lateral
7	S7	Stand Off	62.5	46.25	62.5	Lbyy			1	1		Lateral
8	S8	Stand Off	34.637			Lbyy			.8	.8		Lateral
9	S9	Stand Off	34.637			Lbyy			.8	.8		Lateral
10	K1	Kickers	50.477						1	1		Lateral
11	K2	Kickers	50.477						1	1		Lateral
12	K3	Kickers	50.477						1	1		Lateral
13	CB1	Hand Rail C...	18.062									Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[in]	Lbyy[in]	Lbzz[in]	Lcomp top[in]	Lcomp bot[in]	L-torqu...	Kyy	Kzz	Cb	Function
14	CB2	Hand Rail C...	18.063									Lateral
15	CB3	Hand Rail C...	18.062									Lateral
16	G1	Grating Sup...	51.017						.65	.65		Lateral
17	G2	Grating Sup...	51.017						.65	.65		Lateral
18	G3	Grating Sup...	51.023						.65	.65		Lateral
19	G4	Grating Sup...	51.017						.65	.65		Lateral
20	G5	Grating Sup...	51.017						.65	.65		Lateral
21	G6	Grating Sup...	51.023						.65	.65		Lateral
22	C1	Corner Gus...	18.25	18.188	9.125				1	.8		Lateral
23	C2	Corner Gus...	18.25	18.188	9.125				1	.8		Lateral
24	C3	Corner Gus...	18.25	18.188	9.125				1	.8		Lateral
25	PMC1	C Pipe Mount	96	42	42				1	1		Lateral
26	PMC2	C Pipe Mount	96	42	42				1	1		Lateral
27	PMC3	C Pipe Mount	96	42	42				1	1		Lateral
28	PMC4	C Pipe Mount	96	42	42				1	1		Lateral
29	HRC	C Hand Rail	150.032	150	128.375	Lbyy			1	1		Lateral
30	HC	C Face Hori...	150.032	150	51.02	Lbyy			1	1		Lateral
31	PMB1	B Pipe Mount	96	42	42				1	1		Lateral
32	PMB2	B Pipe Mount	96	42	42				1	1		Lateral
33	PMB3	B Pipe Mount	96	42	42				1	1		Lateral
34	PMB4	B Pipe Mount	96	42	42				1	1		Lateral
35	HRB	B Hand Rail	150.032	150	128.375	Lbyy			1	1		Lateral
36	HB	B Face Hori...	150.032	150	51.02	Lbyy			1	1		Lateral
37	PMA1	A Pipe Mount	96	42	42				1	1		Lateral
38	PMA2	A Pipe Mount	96	42	42				1	1		Lateral
39	PMA3	A Pipe Mount	96	42	42				1	1		Lateral
40	PMA4	A Pipe Mount	96	42	42				1	1		Lateral
41	HRA	A Hand Rail	150.032	150	128.375	Lbyy			1	1		Lateral
42	HA	A Face Hori...	150.032	150	51.02	Lbyy			1	1		Lateral

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	S1						Yes				None
2	S2		BenPIN				Yes				None
3	S3		BenPIN				Yes				None
4	S4						Yes				None
5	S5		BenPIN				Yes				None
6	S6		BenPIN				Yes				None
7	S7						Yes				None
8	S8		BenPIN				Yes				None
9	S9		BenPIN				Yes				None
10	M20						Yes	** NA **			None
11	M21						Yes	** NA **			None
12	M22						Yes	** NA **			None
13	M23						Yes	** NA **			None
14	M25						Yes	** NA **			None
15	M26						Yes	** NA **			None
16	M27						Yes	** NA **			None
17	M28						Yes	** NA **			None
18	M34						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic ...
19	M35						Yes	** NA **			None
20	M36						Yes	** NA **			None
21	M37						Yes	** NA **			None
22	M39						Yes	** NA **			None
23	M40						Yes	** NA **			None
24	M41						Yes	** NA **			None
25	M42						Yes	** NA **			None
26	M48						Yes	** NA **			None
27	M49						Yes	** NA **			None
28	M50						Yes	** NA **			None
29	M51						Yes	** NA **			None
30	M53						Yes	** NA **			None
31	M54						Yes	** NA **			None
32	M55						Yes	** NA **			None
33	M56						Yes	** NA **			None
34	M65						Yes	** NA **			None
35	M67						Yes	** NA **			None
36	M69						Yes	** NA **			None
37	K1	BenPIN					Yes	** NA **			None
38	K2	BenPIN					Yes	** NA **			None
39	K3	BenPIN					Yes	** NA **			None
40	CB1						Yes	** NA **			None
41	CB2						Yes	** NA **			None
42	CB3						Yes	** NA **			None
43	G1						Yes	** NA **			None
44	G2						Yes	** NA **			None
45	G3						Yes	** NA **			None
46	G4						Yes	** NA **			None
47	G5						Yes	** NA **			None
48	G6						Yes	** NA **			None
49	C1	BenPIN	BenPIN				Yes	** NA **			None
50	C2	BenPIN	BenPIN				Yes	** NA **			None
51	C3	BenPIN	BenPIN				Yes	** NA **			None
52	PMC1						Yes	** NA **			None
53	PMC2						Yes	** NA **			None
54	PMC3						Yes	** NA **			None
55	PMC4						Yes	** NA **			None
56	HRC						Yes	** NA **			None
57	HC						Yes				None
58	PMB1						Yes	** NA **			None
59	PMB2						Yes	** NA **			None
60	PMB3						Yes	** NA **			None
61	PMB4						Yes	** NA **			None
62	HRB						Yes	** NA **			None
63	HB						Yes				None
64	PMA1						Yes	** NA **			None
65	PMA2						Yes	** NA **			None
66	PMA3						Yes	** NA **			None
67	PMA4						Yes	** NA **			None
68	HRA						Yes	** NA **			None
69	HA						Yes				None

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	A Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	B Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
3	C Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
4	Stand Off	HSS4X4...	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Cross Brace	HSS4X4...	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
6	Corner Gusset	PL6x1/2	HBrace	RECT	A36 Gr.36	Typical	3	.063	9	.237
7	Grating Support	L2x2x3	HBrace	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
8	A Pipe Mount	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	B Pipe Mount	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	C Pipe Mount	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
11	A Hand Rail	PIPE_2.0	HBrace	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
12	B Hand Rail	PIPE_2.0	HBrace	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
13	C Hand Rail	PIPE_2.0	HBrace	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
14	Hand Rail Corner Brace	L2.5x2.5x4	HBrace	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
15	Kickers	LL2.5x2....	VBrace	Double Angle (3/4 ...	A36 Gr.36	Typical	1.8	3.09	1.07	.023

Joint Coordinates and Temperatures

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
1	(0,0,0)	0	0	0	0	
2	3	0	0	-16.6875	0	
3	N3	0	0	-35	0	
4	N4	0	0	-79.1875	0	
5	N5	-28.0625	0	-35	0	
6	N6	-34.636665	0	-35	0	
7	N7	28.0625	0	-35	0	
8	N8	34.636665	0	-35	0	
9	N9	-9.125	0	-79.1875	0	
10	N10	-2.5625	0	-79.1875	0	
11	N11	9.125	0	-79.1875	0	
12	N12	2.5625	0	-79.1875	0	
13	2	-14.451799	0	8.34375	0	
14	N14	-30.310889	0	17.5	0	
15	N15	-68.578387	0	39.59375	0	
16	N16	-16.279639	0	41.802838	0	
17	N17	-12.992557	0	47.496232	0	
18	N18	-44.342139	0	-6.802838	0	
19	N19	-47.629222	0	-12.496232	0	
20	N20	-64.015887	0	47.496232	0	
21	N21	-67.302969	0	41.802838	0	
22	N22	-73.140887	0	31.691268	0	
23	N23	-69.859637	0	37.37456	0	
24	1	14.451799	0	8.34375	0	
25	N25	30.310889	0	17.5	0	
26	N26	68.578387	0	39.59375	0	
27	N27	44.342139	0	-6.802838	0	
28	N28	47.629222	0	-12.496232	0	
29	N29	16.279639	0	41.802838	0	
30	N30	12.992557	0	47.496232	0	
31	N31	73.140887	0	31.691268	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
32	N32	69.859637	0	37.37456	0	
33	N33	64.015887	0	47.496232	0	
34	N34	67.302969	0	41.802838	0	
35	N35	75.015887	0	47.496232	0	
36	N36	-75.015887	0	47.496232	0	
37	N37	57.015887	0	47.496232	0	
38	N38	27.015887	0	47.496232	0	
39	N39	-10.984113	0	47.496232	0	
40	N40	-56.984113	0	47.496232	0	
41	N41	57.015887	0	50.696232	0	
42	N42	27.015887	0	50.696232	0	
43	N43	-10.984113	0	50.696232	0	
44	N44	-56.984113	0	50.696232	0	
45	N45	75.015887	42	47.496232	0	
46	N46	-75.015887	42	47.496232	0	
47	N47	57.015887	42	47.496232	0	
48	N48	27.015887	42	47.496232	0	
49	N49	-10.984113	42	47.496232	0	
50	N50	-56.984113	42	47.496232	0	
51	N51	57.015887	42	50.696232	0	
52	N52	27.015887	42	50.696232	0	
53	N53	-10.984113	42	50.696232	0	
54	N54	-56.984113	42	50.696232	0	
55	N55	64.203387	42	47.496232	0	
56	N56	-64.203387	42	47.496232	0	
57	N57	57.015887	69	50.696232	0	
58	N58	27.015887	69	50.696232	0	
59	N59	-10.984113	69	50.696232	0	
60	N60	-56.984113	69	50.696232	0	
61	N61	57.015887	-27	50.696232	0	
62	N62	27.015887	-27	50.696232	0	
63	N63	-10.984113	-27	50.696232	0	
64	N64	-56.984113	-27	50.696232	0	
65	N65	3.625	0	-88.713779	0	
66	N66	78.640887	0	41.217548	0	
67	N67	12.625	0	-73.125322	0	
68	N68	27.625	0	-47.14456	0	
69	N69	46.625	0	-14.235595	0	
70	N70	69.625	0	25.601574	0	
71	N71	15.396281	0	-74.725322	0	
72	N72	30.396281	0	-48.74456	0	
73	N73	49.396281	0	-15.835595	0	
74	N74	72.396281	0	24.001574	0	
75	N75	3.625	42	-88.713779	0	
76	N76	78.640887	42	41.217548	0	
77	N77	12.625	42	-73.125322	0	
78	N78	27.625	42	-47.14456	0	
79	N79	46.625	42	-14.235595	0	
80	N80	69.625	42	25.601574	0	
81	N81	15.396281	42	-74.725322	0	
82	N82	30.396281	42	-48.74456	0	
83	N83	49.396281	42	-15.835595	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
84	N84	72.396281	42	24.001574	0	
85	N85	9.03125	42	-79.34988	0	
86	N86	73.234637	42	31.853648	0	
87	N87	15.396281	69	-74.725322	0	
88	N88	30.396281	69	-48.74456	0	
89	N89	49.396281	69	-15.835595	0	
90	N90	72.396281	69	24.001574	0	
91	N91	15.396281	-27	-74.725322	0	
92	N92	30.396281	-27	-48.74456	0	
93	N93	49.396281	-27	-15.835595	0	
94	N94	72.396281	-27	24.001574	0	
95	N95	-78.640887	0	41.217548	0	
96	N96	-3.625	0	-88.713779	0	
97	N97	-69.640887	0	25.62909	0	
98	N98	-54.640887	0	-0.351672	0	
99	N99	-35.640887	0	-33.260637	0	
100	N100	-12.640887	0	-73.097806	0	
101	N101	-72.412168	0	24.02909	0	
102	N102	-57.412168	0	-1.951672	0	
103	N103	-38.412168	0	-34.860637	0	
104	N104	-15.412168	0	-74.697806	0	
105	N105	-78.640887	42	41.217548	0	
106	N106	-3.625	42	-88.713779	0	
107	N107	-69.640887	42	25.62909	0	
108	N108	-54.640887	42	-0.351672	0	
109	N109	-35.640887	42	-33.260637	0	
110	N110	-12.640887	42	-73.097806	0	
111	N111	-72.412168	42	24.02909	0	
112	N112	-57.412168	42	-1.951672	0	
113	N113	-38.412168	42	-34.860637	0	
114	N114	-15.412168	42	-74.697806	0	
115	N115	-73.234637	42	31.853648	0	
116	N116	-9.03125	42	-79.34988	0	
117	N117	-72.412168	69	24.02909	0	
118	N118	-57.412168	69	-1.951672	0	
119	N119	-38.412168	69	-34.860637	0	
120	N120	-15.412168	69	-74.697806	0	
121	N121	-72.412168	-27	24.02909	0	
122	N122	-57.412168	-27	-1.951672	0	
123	N123	-38.412168	-27	-34.860637	0	
124	N124	-15.412168	-27	-74.697806	0	
125	N125	0	0	-62.9375	0	
126	6	0	-31.8125	-19.9375	0	
127	N127	0	-5.375	-62.9375	0	
128	N128	-54.505474	0	31.46875	0	
129	5	-17.266381	-31.8125	9.96875	0	
130	N130	-54.505474	-5.375	31.46875	0	
131	N131	54.505474	0	31.46875	0	
132	4	17.266381	-31.8125	9.96875	0	
133	N133	54.505474	-5.375	31.46875	0	

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	6	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	5	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	4	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
4	3	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
5	2	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
6	1	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Joint Loads and Enforced Displacements

Joint Label	L,D,M	Direction	Magnitude [(k,k-ft), (in,rad), (k*s^2/i...
No Data to Print ...			

Member Point Loads (BLC 1 : Wind 0 Deg - No Ice)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	PMA1	Z	-.076	0
2	PMA1	Z	-.076	%50
3	PMA1	Z	-.013	%25
4	PMA2	Z	-.321	0
5	PMA2	Z	-.321	%62.5
6	PMA2	Z	-.169	%25
7	PMA2	Z	-.066	%25
8	PMA3	Z	-.051	%9.635
9	PMA3	Z	-.051	%40.365
10	PMA3	Z	-.169	%25
11	PMA4	Z	-.076	0
12	PMA4	Z	-.076	%50
13	PMA4	Z	-.03	%25
14	PMB1	Z	-.067	0
15	PMB1	Z	-.067	%50
16	PMB1	Z	-.049	%25
17	PMB2	Z	-.238	0
18	PMB2	Z	-.238	%62.5
19	PMB2	Z	-.005	0
20	PMB2	Z	-.005	%56.25
21	PMB2	Z	-.017	%25
22	PMB2	Z	-.049	%25
23	PMB3	Z	-.03	%9.635
24	PMB3	Z	-.03	%40.365
25	PMB3	Z	-.043	%25
26	PMB4	Z	-.067	0
27	PMB4	Z	-.067	%50
28	PMB4	Z	-.017	%25
29	PMC1	Z	-.067	0
30	PMC1	Z	-.067	%50
31	PMC1	Z	-.043	%25
32	PMC2	Z	-.238	0
33	PMC2	Z	-.238	%62.5
34	PMC2	Z	-.005	0
35	PMC2	Z	-.005	%56.25

Member Point Loads (BLC 1 : Wind 0 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
36	PMC2	Z	-.019	%25
37	PMC2	Z	-.043	%25
38	PMC3	Z	-.03	%9.635
39	PMC3	Z	-.03	%40.365
40	PMC3	Z	-.019	%25
41	PMC4	Z	-.067	0
42	PMC4	Z	-.067	%50

Member Point Loads (BLC 2 : Wind 30 Deg - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.037	0
2	PMA1	Z	-.063	0
3	PMA1	X	.037	%50
4	PMA1	Z	-.063	%50
5	PMA1	X	.007	%25
6	PMA1	Z	-.012	%25
7	PMA2	X	.147	0
8	PMA2	Z	-.254	0
9	PMA2	X	.147	%62.5
10	PMA2	Z	-.254	%62.5
11	PMA2	X	.000879	0
12	PMA2	Z	-.002	0
13	PMA2	X	.000879	%56.25
14	PMA2	Z	-.002	%56.25
15	PMA2	X	.072	%25
16	PMA2	Z	-.125	%25
17	PMA2	X	.03	%25
18	PMA2	Z	-.052	%25
19	PMA3	X	.022	%9.635
20	PMA3	Z	-.038	%9.635
21	PMA3	X	.022	%40.365
22	PMA3	Z	-.038	%40.365
23	PMA3	X	.072	%25
24	PMA3	Z	-.125	%25
25	PMA4	X	.037	0
26	PMA4	Z	-.063	0
27	PMA4	X	.037	%50
28	PMA4	Z	-.063	%50
29	PMA4	X	.013	%25
30	PMA4	Z	-.023	%25
31	PMB1	X	.032	0
32	PMB1	Z	-.055	0
33	PMB1	X	.032	%50
34	PMB1	Z	-.055	%50
35	PMB1	X	.022	%25
36	PMB1	Z	-.038	%25
37	PMB2	X	.105	0
38	PMB2	Z	-.182	0
39	PMB2	X	.105	%62.5
40	PMB2	Z	-.182	%62.5
41	PMB2	X	.004	0

Member Point Loads (BLC 2 : Wind 30 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
42	PMB2	Z	-.006	0
43	PMB2	X	.004	%56.25
44	PMB2	Z	-.006	%56.25
45	PMB2	X	.009	%25
46	PMB2	Z	-.016	%25
47	PMB2	X	.022	%25
48	PMB2	Z	-.038	%25
49	PMB3	X	.011	%9.635
50	PMB3	Z	-.019	%9.635
51	PMB3	X	.011	%40.365
52	PMB3	Z	-.019	%40.365
53	PMB3	X	.018	%25
54	PMB3	Z	-.031	%25
55	PMB4	X	.032	0
56	PMB4	Z	-.055	0
57	PMB4	X	.032	%50
58	PMB4	Z	-.055	%50
59	PMB4	X	.009	%25
60	PMB4	Z	-.016	%25
61	PMC1	X	.037	0
62	PMC1	Z	-.063	0
63	PMC1	X	.037	%50
64	PMC1	Z	-.063	%50
65	PMC1	X	.029	%25
66	PMC1	Z	-.051	%25
67	PMC2	X	.147	0
68	PMC2	Z	-.254	0
69	PMC2	X	.147	%62.5
70	PMC2	Z	-.254	%62.5
71	PMC2	X	.000879	0
72	PMC2	Z	-.002	0
73	PMC2	X	.000879	%56.25
74	PMC2	Z	-.002	%56.25
75	PMC2	X	.013	%25
76	PMC2	Z	-.023	%25
77	PMC2	X	.029	%25
78	PMC2	Z	-.051	%25
79	PMC3	X	.022	%9.635
80	PMC3	Z	-.038	%9.635
81	PMC3	X	.022	%40.365
82	PMC3	Z	-.038	%40.365
83	PMC3	X	.013	%25
84	PMC3	Z	-.023	%25
85	PMC4	X	.037	0
86	PMC4	Z	-.063	0
87	PMC4	X	.037	%50
88	PMC4	Z	-.063	%50

Member Point Loads (BLC 3 : Wind 60 Deg - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.058	0

Member Point Loads (BLC 3 : Wind 60 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
2	PMA1	Z	-.033	0
3	PMA1	X	.058	%50
4	PMA1	Z	-.033	%50
5	PMA1	X	.015	%25
6	PMA1	Z	-.008	%25
7	PMA2	X	.206	0
8	PMA2	Z	-.119	0
9	PMA2	X	.206	%62.5
10	PMA2	Z	-.119	%62.5
11	PMA2	X	.005	0
12	PMA2	Z	-.003	0
13	PMA2	X	.005	%56.25
14	PMA2	Z	-.003	%56.25
15	PMA2	X	.082	%25
16	PMA2	Z	-.047	%25
17	PMA2	X	.043	%25
18	PMA2	Z	-.025	%25
19	PMA3	X	.026	%9.635
20	PMA3	Z	-.015	%9.635
21	PMA3	X	.026	%40.365
22	PMA3	Z	-.015	%40.365
23	PMA3	X	.082	%25
24	PMA3	Z	-.047	%25
25	PMA4	X	.058	0
26	PMA4	Z	-.033	0
27	PMA4	X	.058	%50
28	PMA4	Z	-.033	%50
29	PMA4	X	.016	%25
30	PMA4	Z	-.009	%25
31	PMB1	X	.058	0
32	PMB1	Z	-.033	0
33	PMB1	X	.058	%50
34	PMB1	Z	-.033	%50
35	PMB1	X	.043	%25
36	PMB1	Z	-.025	%25
37	PMB2	X	.206	0
38	PMB2	Z	-.119	0
39	PMB2	X	.206	%62.5
40	PMB2	Z	-.119	%62.5
41	PMB2	X	.005	0
42	PMB2	Z	-.003	0
43	PMB2	X	.005	%56.25
44	PMB2	Z	-.003	%56.25
45	PMB2	X	.015	%25
46	PMB2	Z	-.008	%25
47	PMB2	X	.043	%25
48	PMB2	Z	-.025	%25
49	PMB3	X	.026	%9.635
50	PMB3	Z	-.015	%9.635
51	PMB3	X	.026	%40.365
52	PMB3	Z	-.015	%40.365
53	PMB3	X	.037	%25

Member Point Loads (BLC 3 : Wind 60 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
54	PMB3	Z	-.022	%25
55	PMB4	X	.058	0
56	PMB4	Z	-.033	0
57	PMB4	X	.058	%50
58	PMB4	Z	-.033	%50
59	PMB4	X	.015	%25
60	PMB4	Z	-.008	%25
61	PMC1	X	.066	0
62	PMC1	Z	-.038	0
63	PMC1	X	.066	%50
64	PMC1	Z	-.038	%50
65	PMC1	X	.057	%25
66	PMC1	Z	-.033	%25
67	PMC2	X	.278	0
68	PMC2	Z	-.16	0
69	PMC2	X	.278	%62.5
70	PMC2	Z	-.16	%62.5
71	PMC2	X	.026	%25
72	PMC2	Z	-.015	%25
73	PMC2	X	.057	%25
74	PMC2	Z	-.033	%25
75	PMC3	X	.044	%9.635
76	PMC3	Z	-.026	%9.635
77	PMC3	X	.044	%40.365
78	PMC3	Z	-.026	%40.365
79	PMC3	X	.026	%25
80	PMC3	Z	-.015	%25
81	PMC4	X	.066	0
82	PMC4	Z	-.038	0
83	PMC4	X	.066	%50
84	PMC4	Z	-.038	%50

Member Point Loads (BLC 4 : Wind 90 Deg - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.064	0
2	PMA1	X	.064	%50
3	PMA1	X	.018	%25
4	PMA2	X	.21	0
5	PMA2	X	.21	%62.5
6	PMA2	X	.007	0
7	PMA2	X	.007	%56.25
8	PMA2	X	.07	%25
9	PMA2	X	.044	%25
10	PMA3	X	.022	%9.635
11	PMA3	X	.022	%40.365
12	PMA3	X	.07	%25
13	PMA4	X	.064	0
14	PMA4	X	.064	%50
15	PMA4	X	.015	%25
16	PMB1	X	.073	0
17	PMB1	X	.073	%50

Member Point Loads (BLC 4 : Wind 90 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
18	PMB1	X	.06	%25
19	PMB2	X	.293	0
20	PMB2	X	.293	%62.5
21	PMB2	X	.002	0
22	PMB2	X	.002	%56.25
23	PMB2	X	.014	%25
24	PMB2	X	.06	%25
25	PMB3	X	.044	%9.635
26	PMB3	X	.044	%40.365
27	PMB3	X	.058	%25
28	PMB4	X	.073	0
29	PMB4	X	.073	%50
30	PMB4	X	.014	%25
31	PMC1	X	.073	0
32	PMC1	X	.073	%50
33	PMC1	X	.058	%25
34	PMC2	X	.293	0
35	PMC2	X	.293	%62.5
36	PMC2	X	.002	0
37	PMC2	X	.002	%56.25
38	PMC2	X	.026	%25
39	PMC2	X	.058	%25
40	PMC3	X	.044	%9.635
41	PMC3	X	.044	%40.365
42	PMC3	X	.026	%25
43	PMC4	X	.073	0
44	PMC4	X	.073	%50

Member Point Loads (BLC 5 : Wind 120 Deg - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.058	0
2	PMA1	Z	.033	0
3	PMA1	X	.058	%50
4	PMA1	Z	.033	%50
5	PMA1	X	.015	%25
6	PMA1	Z	.008	%25
7	PMA2	X	.206	0
8	PMA2	Z	.119	0
9	PMA2	X	.206	%62.5
10	PMA2	Z	.119	%62.5
11	PMA2	X	.005	0
12	PMA2	Z	.003	0
13	PMA2	X	.005	%56.25
14	PMA2	Z	.003	%56.25
15	PMA2	X	.082	%25
16	PMA2	Z	.047	%25
17	PMA2	X	.043	%25
18	PMA2	Z	.025	%25
19	PMA3	X	.026	%9.635
20	PMA3	Z	.015	%9.635
21	PMA3	X	.026	%40.365

Member Point Loads (BLC 5 : Wind 120 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
22	PMA3	Z	.015	%40.365
23	PMA3	X	.082	%25
24	PMA3	Z	.047	%25
25	PMA4	X	.058	0
26	PMA4	Z	.033	0
27	PMA4	X	.058	%50
28	PMA4	Z	.033	%50
29	PMA4	X	.016	%25
30	PMA4	Z	.009	%25
31	PMB1	X	.066	0
32	PMB1	Z	.038	0
33	PMB1	X	.066	%50
34	PMB1	Z	.038	%50
35	PMB1	X	.057	%25
36	PMB1	Z	.033	%25
37	PMB2	X	.278	0
38	PMB2	Z	.16	0
39	PMB2	X	.278	%62.5
40	PMB2	Z	.16	%62.5
41	PMB2	X	.011	%25
42	PMB2	Z	.006	%25
43	PMB2	X	.057	%25
44	PMB2	Z	.033	%25
45	PMB3	X	.044	%9.635
46	PMB3	Z	.026	%9.635
47	PMB3	X	.044	%40.365
48	PMB3	Z	.026	%40.365
49	PMB3	X	.057	%25
50	PMB3	Z	.033	%25
51	PMB4	X	.066	0
52	PMB4	Z	.038	0
53	PMB4	X	.066	%50
54	PMB4	Z	.038	%50
55	PMB4	X	.011	%25
56	PMB4	Z	.006	%25
57	PMC1	X	.058	0
58	PMC1	Z	.033	0
59	PMC1	X	.058	%50
60	PMC1	Z	.033	%50
61	PMC1	X	.037	%25
62	PMC1	Z	.022	%25
63	PMC2	X	.206	0
64	PMC2	Z	.119	0
65	PMC2	X	.206	%62.5
66	PMC2	Z	.119	%62.5
67	PMC2	X	.005	0
68	PMC2	Z	.003	0
69	PMC2	X	.005	%56.25
70	PMC2	Z	.003	%56.25
71	PMC2	X	.016	%25
72	PMC2	Z	.009	%25
73	PMC2	X	.037	%25

Member Point Loads (BLC 5 : Wind 120 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
74	PMC2	Z	.022	%25
75	PMC3	X	.026	%9.635
76	PMC3	Z	.015	%9.635
77	PMC3	X	.026	%40.365
78	PMC3	Z	.015	%40.365
79	PMC3	X	.016	%25
80	PMC3	Z	.009	%25
81	PMC4	X	.058	0
82	PMC4	Z	.033	0
83	PMC4	X	.058	%50
84	PMC4	Z	.033	%50

Member Point Loads (BLC 6 : Wind 150 Deg - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.037	0
2	PMA1	Z	.063	0
3	PMA1	X	.037	%50
4	PMA1	Z	.063	%50
5	PMA1	X	.007	%25
6	PMA1	Z	.012	%25
7	PMA2	X	.147	0
8	PMA2	Z	.254	0
9	PMA2	X	.147	%62.5
10	PMA2	Z	.254	%62.5
11	PMA2	X	.000879	0
12	PMA2	Z	.002	0
13	PMA2	X	.000879	%56.25
14	PMA2	Z	.002	%56.25
15	PMA2	X	.072	%25
16	PMA2	Z	.125	%25
17	PMA2	X	.03	%25
18	PMA2	Z	.052	%25
19	PMA3	X	.022	%9.635
20	PMA3	Z	.038	%9.635
21	PMA3	X	.022	%40.365
22	PMA3	Z	.038	%40.365
23	PMA3	X	.072	%25
24	PMA3	Z	.125	%25
25	PMA4	X	.037	0
26	PMA4	Z	.063	0
27	PMA4	X	.037	%50
28	PMA4	Z	.063	%50
29	PMA4	X	.013	%25
30	PMA4	Z	.023	%25
31	PMB1	X	.037	0
32	PMB1	Z	.063	0
33	PMB1	X	.037	%50
34	PMB1	Z	.063	%50
35	PMB1	X	.03	%25
36	PMB1	Z	.052	%25
37	PMB2	X	.147	0

Member Point Loads (BLC 6 : Wind 150 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
38	PMB2	Z	.254	0
39	PMB2	X	.147	%62.5
40	PMB2	Z	.254	%62.5
41	PMB2	X	.000879	0
42	PMB2	Z	.002	0
43	PMB2	X	.000879	%56.25
44	PMB2	Z	.002	%56.25
45	PMB2	X	.007	%25
46	PMB2	Z	.012	%25
47	PMB2	X	.03	%25
48	PMB2	Z	.052	%25
49	PMB3	X	.022	%9.635
50	PMB3	Z	.038	%9.635
51	PMB3	X	.022	%40.365
52	PMB3	Z	.038	%40.365
53	PMB3	X	.029	%25
54	PMB3	Z	.051	%25
55	PMB4	X	.037	0
56	PMB4	Z	.063	0
57	PMB4	X	.037	%50
58	PMB4	Z	.063	%50
59	PMB4	X	.007	%25
60	PMB4	Z	.012	%25
61	PMC1	X	.032	0
62	PMC1	Z	.055	0
63	PMC1	X	.032	%50
64	PMC1	Z	.055	%50
65	PMC1	X	.018	%25
66	PMC1	Z	.031	%25
67	PMC2	X	.105	0
68	PMC2	Z	.182	0
69	PMC2	X	.105	%62.5
70	PMC2	Z	.182	%62.5
71	PMC2	X	.004	0
72	PMC2	Z	.006	0
73	PMC2	X	.004	%56.25
74	PMC2	Z	.006	%56.25
75	PMC2	X	.007	%25
76	PMC2	Z	.013	%25
77	PMC2	X	.018	%25
78	PMC2	Z	.031	%25
79	PMC3	X	.011	%9.635
80	PMC3	Z	.019	%9.635
81	PMC3	X	.011	%40.365
82	PMC3	Z	.019	%40.365
83	PMC3	X	.007	%25
84	PMC3	Z	.013	%25
85	PMC4	X	.032	0
86	PMC4	Z	.055	0
87	PMC4	X	.032	%50
88	PMC4	Z	.055	%50

Member Point Loads (BLC 7 : Wind 180 Deg - No Ice)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	PMA1	Z	.076	0
2	PMA1	Z	.076	%50
3	PMA1	Z	.013	%25
4	PMA2	Z	.321	0
5	PMA2	Z	.321	%62.5
6	PMA2	Z	.169	%25
7	PMA2	Z	.066	%25
8	PMA3	Z	.051	%9.635
9	PMA3	Z	.051	%40.365
10	PMA3	Z	.169	%25
11	PMA4	Z	.076	0
12	PMA4	Z	.076	%50
13	PMA4	Z	.03	%25
14	PMB1	Z	.067	0
15	PMB1	Z	.067	%50
16	PMB1	Z	.049	%25
17	PMB2	Z	.238	0
18	PMB2	Z	.238	%62.5
19	PMB2	Z	.005	0
20	PMB2	Z	.005	%56.25
21	PMB2	Z	.017	%25
22	PMB2	Z	.049	%25
23	PMB3	Z	.03	%9.635
24	PMB3	Z	.03	%40.365
25	PMB3	Z	.043	%25
26	PMB4	Z	.067	0
27	PMB4	Z	.067	%50
28	PMB4	Z	.017	%25
29	PMC1	Z	.067	0
30	PMC1	Z	.067	%50
31	PMC1	Z	.043	%25
32	PMC2	Z	.238	0
33	PMC2	Z	.238	%62.5
34	PMC2	Z	.005	0
35	PMC2	Z	.005	%56.25
36	PMC2	Z	.019	%25
37	PMC2	Z	.043	%25
38	PMC3	Z	.03	%9.635
39	PMC3	Z	.03	%40.365
40	PMC3	Z	.019	%25
41	PMC4	Z	.067	0
42	PMC4	Z	.067	%50

Member Point Loads (BLC 8 : Wind 210 Deg - No Ice)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	PMA1	X	-.037	0
2	PMA1	Z	.063	0
3	PMA1	X	-.037	%50
4	PMA1	Z	.063	%50
5	PMA1	X	-.007	%25
6	PMA1	Z	.012	%25

Member Point Loads (BLC 8 : Wind 210 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
7	PMA2	X	-.147	0
8	PMA2	Z	.254	0
9	PMA2	X	-.147	%62.5
10	PMA2	Z	.254	%62.5
11	PMA2	X	-.000879	0
12	PMA2	Z	.002	0
13	PMA2	X	-.000879	%56.25
14	PMA2	Z	.002	%56.25
15	PMA2	X	-.072	%25
16	PMA2	Z	.125	%25
17	PMA2	X	-.03	%25
18	PMA2	Z	.052	%25
19	PMA3	X	-.022	%9.635
20	PMA3	Z	.038	%9.635
21	PMA3	X	-.022	%40.365
22	PMA3	Z	.038	%40.365
23	PMA3	X	-.072	%25
24	PMA3	Z	.125	%25
25	PMA4	X	-.037	0
26	PMA4	Z	.063	0
27	PMA4	X	-.037	%50
28	PMA4	Z	.063	%50
29	PMA4	X	-.013	%25
30	PMA4	Z	.023	%25
31	PMB1	X	-.032	0
32	PMB1	Z	.055	0
33	PMB1	X	-.032	%50
34	PMB1	Z	.055	%50
35	PMB1	X	-.022	%25
36	PMB1	Z	.038	%25
37	PMB2	X	-.105	0
38	PMB2	Z	.182	0
39	PMB2	X	-.105	%62.5
40	PMB2	Z	.182	%62.5
41	PMB2	X	-.004	0
42	PMB2	Z	.006	0
43	PMB2	X	-.004	%56.25
44	PMB2	Z	.006	%56.25
45	PMB2	X	-.009	%25
46	PMB2	Z	.016	%25
47	PMB2	X	-.022	%25
48	PMB2	Z	.038	%25
49	PMB3	X	-.011	%9.635
50	PMB3	Z	.019	%9.635
51	PMB3	X	-.011	%40.365
52	PMB3	Z	.019	%40.365
53	PMB3	X	-.018	%25
54	PMB3	Z	.031	%25
55	PMB4	X	-.032	0
56	PMB4	Z	.055	0
57	PMB4	X	-.032	%50
58	PMB4	Z	.055	%50

Member Point Loads (BLC 8 : Wind 210 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
59	PMB4	X	-.009	%25
60	PMB4	Z	.016	%25
61	PMC1	X	-.037	0
62	PMC1	Z	.063	0
63	PMC1	X	-.037	%50
64	PMC1	Z	.063	%50
65	PMC1	X	-.029	%25
66	PMC1	Z	.051	%25
67	PMC2	X	-.147	0
68	PMC2	Z	.254	0
69	PMC2	X	-.147	%62.5
70	PMC2	Z	.254	%62.5
71	PMC2	X	-.000879	0
72	PMC2	Z	.002	0
73	PMC2	X	-.000879	%56.25
74	PMC2	Z	.002	%56.25
75	PMC2	X	-.013	%25
76	PMC2	Z	.023	%25
77	PMC2	X	-.029	%25
78	PMC2	Z	.051	%25
79	PMC3	X	-.022	%9.635
80	PMC3	Z	.038	%9.635
81	PMC3	X	-.022	%40.365
82	PMC3	Z	.038	%40.365
83	PMC3	X	-.013	%25
84	PMC3	Z	.023	%25
85	PMC4	X	-.037	0
86	PMC4	Z	.063	0
87	PMC4	X	-.037	%50
88	PMC4	Z	.063	%50

Member Point Loads (BLC 9 : Wind 240 Deg - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.058	0
2	PMA1	Z	.033	0
3	PMA1	X	-.058	%50
4	PMA1	Z	.033	%50
5	PMA1	X	-.015	%25
6	PMA1	Z	.008	%25
7	PMA2	X	-.206	0
8	PMA2	Z	.119	0
9	PMA2	X	-.206	%62.5
10	PMA2	Z	.119	%62.5
11	PMA2	X	-.005	0
12	PMA2	Z	.003	0
13	PMA2	X	-.005	%56.25
14	PMA2	Z	.003	%56.25
15	PMA2	X	-.082	%25
16	PMA2	Z	.047	%25
17	PMA2	X	-.043	%25
18	PMA2	Z	.025	%25

Member Point Loads (BLC 9 : Wind 240 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
19	PMA3	X	-.026	%9.635
20	PMA3	Z	.015	%9.635
21	PMA3	X	-.026	%40.365
22	PMA3	Z	.015	%40.365
23	PMA3	X	-.082	%25
24	PMA3	Z	.047	%25
25	PMA4	X	-.058	0
26	PMA4	Z	.033	0
27	PMA4	X	-.058	%50
28	PMA4	Z	.033	%50
29	PMA4	X	-.016	%25
30	PMA4	Z	.009	%25
31	PMB1	X	-.058	0
32	PMB1	Z	.033	0
33	PMB1	X	-.058	%50
34	PMB1	Z	.033	%50
35	PMB1	X	-.043	%25
36	PMB1	Z	.025	%25
37	PMB2	X	-.206	0
38	PMB2	Z	.119	0
39	PMB2	X	-.206	%62.5
40	PMB2	Z	.119	%62.5
41	PMB2	X	-.005	0
42	PMB2	Z	.003	0
43	PMB2	X	-.005	%56.25
44	PMB2	Z	.003	%56.25
45	PMB2	X	-.015	%25
46	PMB2	Z	.008	%25
47	PMB2	X	-.043	%25
48	PMB2	Z	.025	%25
49	PMB3	X	-.026	%9.635
50	PMB3	Z	.015	%9.635
51	PMB3	X	-.026	%40.365
52	PMB3	Z	.015	%40.365
53	PMB3	X	-.037	%25
54	PMB3	Z	.022	%25
55	PMB4	X	-.058	0
56	PMB4	Z	.033	0
57	PMB4	X	-.058	%50
58	PMB4	Z	.033	%50
59	PMB4	X	-.015	%25
60	PMB4	Z	.008	%25
61	PMC1	X	-.066	0
62	PMC1	Z	.038	0
63	PMC1	X	-.066	%50
64	PMC1	Z	.038	%50
65	PMC1	X	-.057	%25
66	PMC1	Z	.033	%25
67	PMC2	X	-.278	0
68	PMC2	Z	.16	0
69	PMC2	X	-.278	%62.5
70	PMC2	Z	.16	%62.5

Member Point Loads (BLC 9 : Wind 240 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
71	PMC2	X	-.026	%25
72	PMC2	Z	.015	%25
73	PMC2	X	-.057	%25
74	PMC2	Z	.033	%25
75	PMC3	X	-.044	%9.635
76	PMC3	Z	.026	%9.635
77	PMC3	X	-.044	%40.365
78	PMC3	Z	.026	%40.365
79	PMC3	X	-.026	%25
80	PMC3	Z	.015	%25
81	PMC4	X	-.066	0
82	PMC4	Z	.038	0
83	PMC4	X	-.066	%50
84	PMC4	Z	.038	%50

Member Point Loads (BLC 10 : Wind 270 Deg - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.064	0
2	PMA1	X	-.064	%50
3	PMA1	X	-.018	%25
4	PMA2	X	-.21	0
5	PMA2	X	-.21	%62.5
6	PMA2	X	-.007	0
7	PMA2	X	-.007	%56.25
8	PMA2	X	-.07	%25
9	PMA2	X	-.044	%25
10	PMA3	X	-.022	%9.635
11	PMA3	X	-.022	%40.365
12	PMA3	X	-.07	%25
13	PMA4	X	-.064	0
14	PMA4	X	-.064	%50
15	PMA4	X	-.015	%25
16	PMB1	X	-.073	0
17	PMB1	X	-.073	%50
18	PMB1	X	-.06	%25
19	PMB2	X	-.293	0
20	PMB2	X	-.293	%62.5
21	PMB2	X	-.002	0
22	PMB2	X	-.002	%56.25
23	PMB2	X	-.014	%25
24	PMB2	X	-.06	%25
25	PMB3	X	-.044	%9.635
26	PMB3	X	-.044	%40.365
27	PMB3	X	-.058	%25
28	PMB4	X	-.073	0
29	PMB4	X	-.073	%50
30	PMB4	X	-.014	%25
31	PMC1	X	-.073	0
32	PMC1	X	-.073	%50
33	PMC1	X	-.058	%25
34	PMC2	X	-.293	0

Member Point Loads (BLC 10 : Wind 270 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
35	PMC2	X	-.293	%62.5
36	PMC2	X	-.002	0
37	PMC2	X	-.002	%56.25
38	PMC2	X	-.026	%25
39	PMC2	X	-.058	%25
40	PMC3	X	-.044	%9.635
41	PMC3	X	-.044	%40.365
42	PMC3	X	-.026	%25
43	PMC4	X	-.073	0
44	PMC4	X	-.073	%50

Member Point Loads (BLC 11 : Wind 300 Deg - No Ice)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	PMA1	X	-.058	0
2	PMA1	Z	-.033	0
3	PMA1	X	-.058	%50
4	PMA1	Z	-.033	%50
5	PMA1	X	-.015	%25
6	PMA1	Z	-.008	%25
7	PMA2	X	-.206	0
8	PMA2	Z	-.119	0
9	PMA2	X	-.206	%62.5
10	PMA2	Z	-.119	%62.5
11	PMA2	X	-.005	0
12	PMA2	Z	-.003	0
13	PMA2	X	-.005	%56.25
14	PMA2	Z	-.003	%56.25
15	PMA2	X	-.082	%25
16	PMA2	Z	-.047	%25
17	PMA2	X	-.043	%25
18	PMA2	Z	-.025	%25
19	PMA3	X	-.026	%9.635
20	PMA3	Z	-.015	%9.635
21	PMA3	X	-.026	%40.365
22	PMA3	Z	-.015	%40.365
23	PMA3	X	-.082	%25
24	PMA3	Z	-.047	%25
25	PMA4	X	-.058	0
26	PMA4	Z	-.033	0
27	PMA4	X	-.058	%50
28	PMA4	Z	-.033	%50
29	PMA4	X	-.016	%25
30	PMA4	Z	-.009	%25
31	PMB1	X	-.066	0
32	PMB1	Z	-.038	0
33	PMB1	X	-.066	%50
34	PMB1	Z	-.038	%50
35	PMB1	X	-.057	%25
36	PMB1	Z	-.033	%25
37	PMB2	X	-.278	0
38	PMB2	Z	-.16	0

Member Point Loads (BLC 11 : Wind 300 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
39	PMB2	X	-.278	%62.5
40	PMB2	Z	-.16	%62.5
41	PMB2	X	-.011	%25
42	PMB2	Z	-.006	%25
43	PMB2	X	-.057	%25
44	PMB2	Z	-.033	%25
45	PMB3	X	-.044	%9.635
46	PMB3	Z	-.026	%9.635
47	PMB3	X	-.044	%40.365
48	PMB3	Z	-.026	%40.365
49	PMB3	X	-.057	%25
50	PMB3	Z	-.033	%25
51	PMB4	X	-.066	0
52	PMB4	Z	-.038	0
53	PMB4	X	-.066	%50
54	PMB4	Z	-.038	%50
55	PMB4	X	-.011	%25
56	PMB4	Z	-.006	%25
57	PMC1	X	-.058	0
58	PMC1	Z	-.033	0
59	PMC1	X	-.058	%50
60	PMC1	Z	-.033	%50
61	PMC1	X	-.037	%25
62	PMC1	Z	-.022	%25
63	PMC2	X	-.206	0
64	PMC2	Z	-.119	0
65	PMC2	X	-.206	%62.5
66	PMC2	Z	-.119	%62.5
67	PMC2	X	-.005	0
68	PMC2	Z	-.003	0
69	PMC2	X	-.005	%56.25
70	PMC2	Z	-.003	%56.25
71	PMC2	X	-.016	%25
72	PMC2	Z	-.009	%25
73	PMC2	X	-.037	%25
74	PMC2	Z	-.022	%25
75	PMC3	X	-.026	%9.635
76	PMC3	Z	-.015	%9.635
77	PMC3	X	-.026	%40.365
78	PMC3	Z	-.015	%40.365
79	PMC3	X	-.016	%25
80	PMC3	Z	-.009	%25
81	PMC4	X	-.058	0
82	PMC4	Z	-.033	0
83	PMC4	X	-.058	%50
84	PMC4	Z	-.033	%50

Member Point Loads (BLC 12 : Wind 330 Deg - No Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.037	0
2	PMA1	Z	-.063	0

Member Point Loads (BLC 12 : Wind 330 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
3	PMA1	X	-.037	%50
4	PMA1	Z	-.063	%50
5	PMA1	X	-.007	%25
6	PMA1	Z	-.012	%25
7	PMA2	X	-.147	0
8	PMA2	Z	-.254	0
9	PMA2	X	-.147	%62.5
10	PMA2	Z	-.254	%62.5
11	PMA2	X	-.000879	0
12	PMA2	Z	-.002	0
13	PMA2	X	-.000879	%56.25
14	PMA2	Z	-.002	%56.25
15	PMA2	X	-.072	%25
16	PMA2	Z	-.125	%25
17	PMA2	X	-.03	%25
18	PMA2	Z	-.052	%25
19	PMA3	X	-.022	%9.635
20	PMA3	Z	-.038	%9.635
21	PMA3	X	-.022	%40.365
22	PMA3	Z	-.038	%40.365
23	PMA3	X	-.072	%25
24	PMA3	Z	-.125	%25
25	PMA4	X	-.037	0
26	PMA4	Z	-.063	0
27	PMA4	X	-.037	%50
28	PMA4	Z	-.063	%50
29	PMA4	X	-.013	%25
30	PMA4	Z	-.023	%25
31	PMB1	X	-.037	0
32	PMB1	Z	-.063	0
33	PMB1	X	-.037	%50
34	PMB1	Z	-.063	%50
35	PMB1	X	-.03	%25
36	PMB1	Z	-.052	%25
37	PMB2	X	-.147	0
38	PMB2	Z	-.254	0
39	PMB2	X	-.147	%62.5
40	PMB2	Z	-.254	%62.5
41	PMB2	X	-.000879	0
42	PMB2	Z	-.002	0
43	PMB2	X	-.000879	%56.25
44	PMB2	Z	-.002	%56.25
45	PMB2	X	-.007	%25
46	PMB2	Z	-.012	%25
47	PMB2	X	-.03	%25
48	PMB2	Z	-.052	%25
49	PMB3	X	-.022	%9.635
50	PMB3	Z	-.038	%9.635
51	PMB3	X	-.022	%40.365
52	PMB3	Z	-.038	%40.365
53	PMB3	X	-.029	%25
54	PMB3	Z	-.051	%25

Member Point Loads (BLC 12 : Wind 330 Deg - No Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
55	PMB4	X	-.037	0
56	PMB4	Z	-.063	0
57	PMB4	X	-.037	%50
58	PMB4	Z	-.063	%50
59	PMB4	X	-.007	%25
60	PMB4	Z	-.012	%25
61	PMC1	X	-.032	0
62	PMC1	Z	-.055	0
63	PMC1	X	-.032	%50
64	PMC1	Z	-.055	%50
65	PMC1	X	-.018	%25
66	PMC1	Z	-.031	%25
67	PMC2	X	-.105	0
68	PMC2	Z	-.182	0
69	PMC2	X	-.105	%62.5
70	PMC2	Z	-.182	%62.5
71	PMC2	X	-.004	0
72	PMC2	Z	-.006	0
73	PMC2	X	-.004	%56.25
74	PMC2	Z	-.006	%56.25
75	PMC2	X	-.007	%25
76	PMC2	Z	-.013	%25
77	PMC2	X	-.018	%25
78	PMC2	Z	-.031	%25
79	PMC3	X	-.011	%9.635
80	PMC3	Z	-.019	%9.635
81	PMC3	X	-.011	%40.365
82	PMC3	Z	-.019	%40.365
83	PMC3	X	-.007	%25
84	PMC3	Z	-.013	%25
85	PMC4	X	-.032	0
86	PMC4	Z	-.055	0
87	PMC4	X	-.032	%50
88	PMC4	Z	-.055	%50

Member Point Loads (BLC 13 : Wind 0 Deg - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	Z	-.017	0
2	PMA1	Z	-.017	%50
3	PMA1	Z	-.005	%25
4	PMA2	Z	-.065	0
5	PMA2	Z	-.065	%62.5
6	PMA2	Z	-.035	%25
7	PMA2	Z	-.016	%25
8	PMA3	Z	-.012	%9.635
9	PMA3	Z	-.012	%40.365
10	PMA3	Z	-.035	%25
11	PMA4	Z	-.017	0
12	PMA4	Z	-.017	%50
13	PMA4	Z	-.009	%25
14	PMB1	Z	-.015	0

Member Point Loads (BLC 13 : Wind 0 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
15	PMB1	Z	-.015	%50
16	PMB1	Z	-.013	%25
17	PMB2	Z	-.052	0
18	PMB2	Z	-.052	%62.5
19	PMB2	Z	-.002	0
20	PMB2	Z	-.002	%56.25
21	PMB2	Z	-.006	%25
22	PMB2	Z	-.013	%25
23	PMB3	Z	-.008	%9.635
24	PMB3	Z	-.008	%40.365
25	PMB3	Z	-.011	%25
26	PMB4	Z	-.015	0
27	PMB4	Z	-.015	%50
28	PMB4	Z	-.006	%25
29	PMC1	Z	-.015	0
30	PMC1	Z	-.015	%50
31	PMC1	Z	-.011	%25
32	PMC2	Z	-.052	0
33	PMC2	Z	-.052	%62.5
34	PMC2	Z	-.002	0
35	PMC2	Z	-.002	%56.25
36	PMC2	Z	-.006	%25
37	PMC2	Z	-.011	%25
38	PMC3	Z	-.008	%9.635
39	PMC3	Z	-.008	%40.365
40	PMC3	Z	-.006	%25
41	PMC4	Z	-.015	0
42	PMC4	Z	-.015	%50

Member Point Loads (BLC 14 : Wind 30 Deg - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.008	0
2	PMA1	Z	-.014	0
3	PMA1	X	.008	%50
4	PMA1	Z	-.014	%50
5	PMA1	X	.003	%25
6	PMA1	Z	-.004	%25
7	PMA2	X	.03	0
8	PMA2	Z	-.052	0
9	PMA2	X	.03	%62.5
10	PMA2	Z	-.052	%62.5
11	PMA2	X	.000408	0
12	PMA2	Z	-.000706	0
13	PMA2	X	.000408	%56.25
14	PMA2	Z	-.000706	%56.25
15	PMA2	X	.015	%25
16	PMA2	Z	-.027	%25
17	PMA2	X	.007	%25
18	PMA2	Z	-.013	%25
19	PMA3	X	.005	%9.635
20	PMA3	Z	-.009	%9.635

Member Point Loads (BLC 14 : Wind 30 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
21	PMA3	X	.005	%40.365
22	PMA3	Z	-.009	%40.365
23	PMA3	X	.015	%25
24	PMA3	Z	-.027	%25
25	PMA4	X	.008	0
26	PMA4	Z	-.014	0
27	PMA4	X	.008	%50
28	PMA4	Z	-.014	%50
29	PMA4	X	.004	%25
30	PMA4	Z	-.007	%25
31	PMB1	X	.007	0
32	PMB1	Z	-.013	0
33	PMB1	X	.007	%50
34	PMB1	Z	-.013	%50
35	PMB1	X	.006	%25
36	PMB1	Z	-.01	%25
37	PMB2	X	.024	0
38	PMB2	Z	-.041	0
39	PMB2	X	.024	%62.5
40	PMB2	Z	-.041	%62.5
41	PMB2	X	.002	0
42	PMB2	Z	-.003	0
43	PMB2	X	.002	%56.25
44	PMB2	Z	-.003	%56.25
45	PMB2	X	.003	%25
46	PMB2	Z	-.005	%25
47	PMB2	X	.006	%25
48	PMB2	Z	-.01	%25
49	PMB3	X	.003	%9.635
50	PMB3	Z	-.006	%9.635
51	PMB3	X	.003	%40.365
52	PMB3	Z	-.006	%40.365
53	PMB3	X	.005	%25
54	PMB3	Z	-.009	%25
55	PMB4	X	.007	0
56	PMB4	Z	-.013	0
57	PMB4	X	.007	%50
58	PMB4	Z	-.013	%50
59	PMB4	X	.003	%25
60	PMB4	Z	-.005	%25
61	PMC1	X	.008	0
62	PMC1	Z	-.014	0
63	PMC1	X	.008	%50
64	PMC1	Z	-.014	%50
65	PMC1	X	.007	%25
66	PMC1	Z	-.012	%25
67	PMC2	X	.03	0
68	PMC2	Z	-.052	0
69	PMC2	X	.03	%62.5
70	PMC2	Z	-.052	%62.5
71	PMC2	X	.000408	0
72	PMC2	Z	-.000706	0

Member Point Loads (BLC 14 : Wind 30 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
73	PMC2	X	.000408	%56.25
74	PMC2	Z	-.000706	%56.25
75	PMC2	X	.004	%25
76	PMC2	Z	-.007	%25
77	PMC2	X	.007	%25
78	PMC2	Z	-.012	%25
79	PMC3	X	.005	%9.635
80	PMC3	Z	-.009	%9.635
81	PMC3	X	.005	%40.365
82	PMC3	Z	-.009	%40.365
83	PMC3	X	.004	%25
84	PMC3	Z	-.007	%25
85	PMC4	X	.008	0
86	PMC4	Z	-.014	0
87	PMC4	X	.008	%50
88	PMC4	Z	-.014	%50

Member Point Loads (BLC 15 : Wind 60 Deg - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.013	0
2	PMA1	Z	-.008	0
3	PMA1	X	.013	%50
4	PMA1	Z	-.008	%50
5	PMA1	X	.005	%25
6	PMA1	Z	-.003	%25
7	PMA2	X	.045	0
8	PMA2	Z	-.026	0
9	PMA2	X	.045	%62.5
10	PMA2	Z	-.026	%62.5
11	PMA2	X	.002	0
12	PMA2	Z	-.001	0
13	PMA2	X	.002	%56.25
14	PMA2	Z	-.001	%56.25
15	PMA2	X	.019	%25
16	PMA2	Z	-.011	%25
17	PMA2	X	.011	%25
18	PMA2	Z	-.006	%25
19	PMA3	X	.007	%9.635
20	PMA3	Z	-.004	%9.635
21	PMA3	X	.007	%40.365
22	PMA3	Z	-.004	%40.365
23	PMA3	X	.019	%25
24	PMA3	Z	-.011	%25
25	PMA4	X	.013	0
26	PMA4	Z	-.008	0
27	PMA4	X	.013	%50
28	PMA4	Z	-.008	%50
29	PMA4	X	.005	%25
30	PMA4	Z	-.003	%25
31	PMB1	X	.013	0
32	PMB1	Z	-.008	0

Member Point Loads (BLC 15 : Wind 60 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
33	PMB1	X	.013	%50
34	PMB1	Z	-.008	%50
35	PMB1	X	.011	%25
36	PMB1	Z	-.006	%25
37	PMB2	X	.045	0
38	PMB2	Z	-.026	0
39	PMB2	X	.045	%62.5
40	PMB2	Z	-.026	%62.5
41	PMB2	X	.002	0
42	PMB2	Z	-.001	0
43	PMB2	X	.002	%56.25
44	PMB2	Z	-.001	%56.25
45	PMB2	X	.005	%25
46	PMB2	Z	-.003	%25
47	PMB2	X	.011	%25
48	PMB2	Z	-.006	%25
49	PMB3	X	.007	%9.635
50	PMB3	Z	-.004	%9.635
51	PMB3	X	.007	%40.365
52	PMB3	Z	-.004	%40.365
53	PMB3	X	.01	%25
54	PMB3	Z	-.006	%25
55	PMB4	X	.013	0
56	PMB4	Z	-.008	0
57	PMB4	X	.013	%50
58	PMB4	Z	-.008	%50
59	PMB4	X	.005	%25
60	PMB4	Z	-.003	%25
61	PMC1	X	.015	0
62	PMC1	Z	-.008	0
63	PMC1	X	.015	%50
64	PMC1	Z	-.008	%50
65	PMC1	X	.014	%25
66	PMC1	Z	-.008	%25
67	PMC2	X	.056	0
68	PMC2	Z	-.033	0
69	PMC2	X	.056	%62.5
70	PMC2	Z	-.033	%62.5
71	PMC2	X	.007	%25
72	PMC2	Z	-.004	%25
73	PMC2	X	.014	%25
74	PMC2	Z	-.008	%25
75	PMC3	X	.01	%9.635
76	PMC3	Z	-.006	%9.635
77	PMC3	X	.01	%40.365
78	PMC3	Z	-.006	%40.365
79	PMC3	X	.007	%25
80	PMC3	Z	-.004	%25
81	PMC4	X	.015	0
82	PMC4	Z	-.008	0
83	PMC4	X	.015	%50
84	PMC4	Z	-.008	%50

Member Point Loads (BLC 16 : Wind 90 Deg - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.015	0
2	PMA1	X	.015	%50
3	PMA1	X	.006	%25
4	PMA2	X	.047	0
5	PMA2	X	.047	%62.5
6	PMA2	X	.003	0
7	PMA2	X	.003	%56.25
8	PMA2	X	.017	%25
9	PMA2	X	.012	%25
10	PMA3	X	.006	%9.635
11	PMA3	X	.006	%40.365
12	PMA3	X	.017	%25
13	PMA4	X	.015	0
14	PMA4	X	.015	%50
15	PMA4	X	.005	%25
16	PMB1	X	.016	0
17	PMB1	X	.016	%50
18	PMB1	X	.015	%25
19	PMB2	X	.061	0
20	PMB2	X	.061	%62.5
21	PMB2	X	.000815	0
22	PMB2	X	.000815	%56.25
23	PMB2	X	.005	%25
24	PMB2	X	.015	%25
25	PMB3	X	.01	%9.635
26	PMB3	X	.01	%40.365
27	PMB3	X	.014	%25
28	PMB4	X	.016	0
29	PMB4	X	.016	%50
30	PMB4	X	.005	%25
31	PMC1	X	.016	0
32	PMC1	X	.016	%50
33	PMC1	X	.014	%25
34	PMC2	X	.061	0
35	PMC2	X	.061	%62.5
36	PMC2	X	.000815	0
37	PMC2	X	.000815	%56.25
38	PMC2	X	.008	%25
39	PMC2	X	.014	%25
40	PMC3	X	.01	%9.635
41	PMC3	X	.01	%40.365
42	PMC3	X	.008	%25
43	PMC4	X	.016	0
44	PMC4	X	.016	%50

Member Point Loads (BLC 17 : Wind 120 Deg - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.013	0
2	PMA1	Z	.008	0
3	PMA1	X	.013	%50
4	PMA1	Z	.008	%50

Member Point Loads (BLC 17 : Wind 120 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
5	PMA1	X	.005	%25
6	PMA1	Z	.003	%25
7	PMA2	X	.045	0
8	PMA2	Z	.026	0
9	PMA2	X	.045	%62.5
10	PMA2	Z	.026	%62.5
11	PMA2	X	.002	0
12	PMA2	Z	.001	0
13	PMA2	X	.002	%56.25
14	PMA2	Z	.001	%56.25
15	PMA2	X	.019	%25
16	PMA2	Z	.011	%25
17	PMA2	X	.011	%25
18	PMA2	Z	.006	%25
19	PMA3	X	.007	%9.635
20	PMA3	Z	.004	%9.635
21	PMA3	X	.007	%40.365
22	PMA3	Z	.004	%40.365
23	PMA3	X	.019	%25
24	PMA3	Z	.011	%25
25	PMA4	X	.013	0
26	PMA4	Z	.008	0
27	PMA4	X	.013	%50
28	PMA4	Z	.008	%50
29	PMA4	X	.005	%25
30	PMA4	Z	.003	%25
31	PMB1	X	.015	0
32	PMB1	Z	.008	0
33	PMB1	X	.015	%50
34	PMB1	Z	.008	%50
35	PMB1	X	.014	%25
36	PMB1	Z	.008	%25
37	PMB2	X	.056	0
38	PMB2	Z	.033	0
39	PMB2	X	.056	%62.5
40	PMB2	Z	.033	%62.5
41	PMB2	X	.004	%25
42	PMB2	Z	.002	%25
43	PMB2	X	.014	%25
44	PMB2	Z	.008	%25
45	PMB3	X	.01	%9.635
46	PMB3	Z	.006	%9.635
47	PMB3	X	.01	%40.365
48	PMB3	Z	.006	%40.365
49	PMB3	X	.014	%25
50	PMB3	Z	.008	%25
51	PMB4	X	.015	0
52	PMB4	Z	.008	0
53	PMB4	X	.015	%50
54	PMB4	Z	.008	%50
55	PMB4	X	.004	%25
56	PMB4	Z	.002	%25

Member Point Loads (BLC 17 : Wind 120 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
57	PMC1	X	.013	0
58	PMC1	Z	.008	0
59	PMC1	X	.013	%50
60	PMC1	Z	.008	%50
61	PMC1	X	.01	%25
62	PMC1	Z	.006	%25
63	PMC2	X	.045	0
64	PMC2	Z	.026	0
65	PMC2	X	.045	%62.5
66	PMC2	Z	.026	%62.5
67	PMC2	X	.002	0
68	PMC2	Z	.001	0
69	PMC2	X	.002	%56.25
70	PMC2	Z	.001	%56.25
71	PMC2	X	.005	%25
72	PMC2	Z	.003	%25
73	PMC2	X	.01	%25
74	PMC2	Z	.006	%25
75	PMC3	X	.007	%9.635
76	PMC3	Z	.004	%9.635
77	PMC3	X	.007	%40.365
78	PMC3	Z	.004	%40.365
79	PMC3	X	.005	%25
80	PMC3	Z	.003	%25
81	PMC4	X	.013	0
82	PMC4	Z	.008	0
83	PMC4	X	.013	%50
84	PMC4	Z	.008	%50

Member Point Loads (BLC 18 : Wind 150 Deg - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.008	0
2	PMA1	Z	.014	0
3	PMA1	X	.008	%50
4	PMA1	Z	.014	%50
5	PMA1	X	.003	%25
6	PMA1	Z	.004	%25
7	PMA2	X	.03	0
8	PMA2	Z	.052	0
9	PMA2	X	.03	%62.5
10	PMA2	Z	.052	%62.5
11	PMA2	X	.000408	0
12	PMA2	Z	.000706	0
13	PMA2	X	.000408	%56.25
14	PMA2	Z	.000706	%56.25
15	PMA2	X	.015	%25
16	PMA2	Z	.027	%25
17	PMA2	X	.007	%25
18	PMA2	Z	.013	%25
19	PMA3	X	.005	%9.635
20	PMA3	Z	.009	%9.635

Member Point Loads (BLC 18 : Wind 150 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
21	PMA3	X	.005	%40.365
22	PMA3	Z	.009	%40.365
23	PMA3	X	.015	%25
24	PMA3	Z	.027	%25
25	PMA4	X	.008	0
26	PMA4	Z	.014	0
27	PMA4	X	.008	%50
28	PMA4	Z	.014	%50
29	PMA4	X	.004	%25
30	PMA4	Z	.007	%25
31	PMB1	X	.008	0
32	PMB1	Z	.014	0
33	PMB1	X	.008	%50
34	PMB1	Z	.014	%50
35	PMB1	X	.007	%25
36	PMB1	Z	.013	%25
37	PMB2	X	.03	0
38	PMB2	Z	.052	0
39	PMB2	X	.03	%62.5
40	PMB2	Z	.052	%62.5
41	PMB2	X	.000408	0
42	PMB2	Z	.000706	0
43	PMB2	X	.000408	%56.25
44	PMB2	Z	.000706	%56.25
45	PMB2	X	.003	%25
46	PMB2	Z	.004	%25
47	PMB2	X	.007	%25
48	PMB2	Z	.013	%25
49	PMB3	X	.005	%9.635
50	PMB3	Z	.009	%9.635
51	PMB3	X	.005	%40.365
52	PMB3	Z	.009	%40.365
53	PMB3	X	.007	%25
54	PMB3	Z	.012	%25
55	PMB4	X	.008	0
56	PMB4	Z	.014	0
57	PMB4	X	.008	%50
58	PMB4	Z	.014	%50
59	PMB4	X	.003	%25
60	PMB4	Z	.004	%25
61	PMC1	X	.007	0
62	PMC1	Z	.013	0
63	PMC1	X	.007	%50
64	PMC1	Z	.013	%50
65	PMC1	X	.005	%25
66	PMC1	Z	.009	%25
67	PMC2	X	.024	0
68	PMC2	Z	.041	0
69	PMC2	X	.024	%62.5
70	PMC2	Z	.041	%62.5
71	PMC2	X	.002	0
72	PMC2	Z	.003	0

Member Point Loads (BLC 18 : Wind 150 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
73	PMC2	X	.002	%56.25
74	PMC2	Z	.003	%56.25
75	PMC2	X	.003	%25
76	PMC2	Z	.005	%25
77	PMC2	X	.005	%25
78	PMC2	Z	.009	%25
79	PMC3	X	.003	%9.635
80	PMC3	Z	.006	%9.635
81	PMC3	X	.003	%40.365
82	PMC3	Z	.006	%40.365
83	PMC3	X	.003	%25
84	PMC3	Z	.005	%25
85	PMC4	X	.007	0
86	PMC4	Z	.013	0
87	PMC4	X	.007	%50
88	PMC4	Z	.013	%50

Member Point Loads (BLC 19 : Wind 180 Deg - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	Z	.017	0
2	PMA1	Z	.017	%50
3	PMA1	Z	.005	%25
4	PMA2	Z	.065	0
5	PMA2	Z	.065	%62.5
6	PMA2	Z	.035	%25
7	PMA2	Z	.016	%25
8	PMA3	Z	.012	%9.635
9	PMA3	Z	.012	%40.365
10	PMA3	Z	.035	%25
11	PMA4	Z	.017	0
12	PMA4	Z	.017	%50
13	PMA4	Z	.009	%25
14	PMB1	Z	.015	0
15	PMB1	Z	.015	%50
16	PMB1	Z	.013	%25
17	PMB2	Z	.052	0
18	PMB2	Z	.052	%62.5
19	PMB2	Z	.002	0
20	PMB2	Z	.002	%56.25
21	PMB2	Z	.006	%25
22	PMB2	Z	.013	%25
23	PMB3	Z	.008	%9.635
24	PMB3	Z	.008	%40.365
25	PMB3	Z	.011	%25
26	PMB4	Z	.015	0
27	PMB4	Z	.015	%50
28	PMB4	Z	.006	%25
29	PMC1	Z	.015	0
30	PMC1	Z	.015	%50
31	PMC1	Z	.011	%25
32	PMC2	Z	.052	0

Member Point Loads (BLC 19 : Wind 180 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
33	PMC2	Z	.052	%62.5
34	PMC2	Z	.002	0
35	PMC2	Z	.002	%56.25
36	PMC2	Z	.006	%25
37	PMC2	Z	.011	%25
38	PMC3	Z	.008	%9.635
39	PMC3	Z	.008	%40.365
40	PMC3	Z	.006	%25
41	PMC4	Z	.015	0
42	PMC4	Z	.015	%50

Member Point Loads (BLC 20 : Wind 210 Deg - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.008	0
2	PMA1	Z	.014	0
3	PMA1	X	-.008	%50
4	PMA1	Z	.014	%50
5	PMA1	X	-.003	%25
6	PMA1	Z	.004	%25
7	PMA2	X	-.03	0
8	PMA2	Z	.052	0
9	PMA2	X	-.03	%62.5
10	PMA2	Z	.052	%62.5
11	PMA2	X	-.000408	0
12	PMA2	Z	.000706	0
13	PMA2	X	-.000408	%56.25
14	PMA2	Z	.000706	%56.25
15	PMA2	X	-.015	%25
16	PMA2	Z	.027	%25
17	PMA2	X	-.007	%25
18	PMA2	Z	.013	%25
19	PMA3	X	-.005	%9.635
20	PMA3	Z	.009	%9.635
21	PMA3	X	-.005	%40.365
22	PMA3	Z	.009	%40.365
23	PMA3	X	-.015	%25
24	PMA3	Z	.027	%25
25	PMA4	X	-.008	0
26	PMA4	Z	.014	0
27	PMA4	X	-.008	%50
28	PMA4	Z	.014	%50
29	PMA4	X	-.004	%25
30	PMA4	Z	.007	%25
31	PMB1	X	-.007	0
32	PMB1	Z	.013	0
33	PMB1	X	-.007	%50
34	PMB1	Z	.013	%50
35	PMB1	X	-.006	%25
36	PMB1	Z	.01	%25
37	PMB2	X	-.024	0
38	PMB2	Z	.041	0

Member Point Loads (BLC 20 : Wind 210 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
39	PMB2	X	-.024	%62.5
40	PMB2	Z	.041	%62.5
41	PMB2	X	-.002	0
42	PMB2	Z	.003	0
43	PMB2	X	-.002	%56.25
44	PMB2	Z	.003	%56.25
45	PMB2	X	-.003	%25
46	PMB2	Z	.005	%25
47	PMB2	X	-.006	%25
48	PMB2	Z	.01	%25
49	PMB3	X	-.003	%9.635
50	PMB3	Z	.006	%9.635
51	PMB3	X	-.003	%40.365
52	PMB3	Z	.006	%40.365
53	PMB3	X	-.005	%25
54	PMB3	Z	.009	%25
55	PMB4	X	-.007	0
56	PMB4	Z	.013	0
57	PMB4	X	-.007	%50
58	PMB4	Z	.013	%50
59	PMB4	X	-.003	%25
60	PMB4	Z	.005	%25
61	PMC1	X	-.008	0
62	PMC1	Z	.014	0
63	PMC1	X	-.008	%50
64	PMC1	Z	.014	%50
65	PMC1	X	-.007	%25
66	PMC1	Z	.012	%25
67	PMC2	X	-.03	0
68	PMC2	Z	.052	0
69	PMC2	X	-.03	%62.5
70	PMC2	Z	.052	%62.5
71	PMC2	X	-.000408	0
72	PMC2	Z	.000706	0
73	PMC2	X	-.000408	%56.25
74	PMC2	Z	.000706	%56.25
75	PMC2	X	-.004	%25
76	PMC2	Z	.007	%25
77	PMC2	X	-.007	%25
78	PMC2	Z	.012	%25
79	PMC3	X	-.005	%9.635
80	PMC3	Z	.009	%9.635
81	PMC3	X	-.005	%40.365
82	PMC3	Z	.009	%40.365
83	PMC3	X	-.004	%25
84	PMC3	Z	.007	%25
85	PMC4	X	-.008	0
86	PMC4	Z	.014	0
87	PMC4	X	-.008	%50
88	PMC4	Z	.014	%50

Member Point Loads (BLC 21 : Wind 240 Deg - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.013	0
2	PMA1	Z	.008	0
3	PMA1	X	-.013	%50
4	PMA1	Z	.008	%50
5	PMA1	X	-.005	%25
6	PMA1	Z	.003	%25
7	PMA2	X	-.045	0
8	PMA2	Z	.026	0
9	PMA2	X	-.045	%62.5
10	PMA2	Z	.026	%62.5
11	PMA2	X	-.002	0
12	PMA2	Z	.001	0
13	PMA2	X	-.002	%56.25
14	PMA2	Z	.001	%56.25
15	PMA2	X	-.019	%25
16	PMA2	Z	.011	%25
17	PMA2	X	-.011	%25
18	PMA2	Z	.006	%25
19	PMA3	X	-.007	%9.635
20	PMA3	Z	.004	%9.635
21	PMA3	X	-.007	%40.365
22	PMA3	Z	.004	%40.365
23	PMA3	X	-.019	%25
24	PMA3	Z	.011	%25
25	PMA4	X	-.013	0
26	PMA4	Z	.008	0
27	PMA4	X	-.013	%50
28	PMA4	Z	.008	%50
29	PMA4	X	-.005	%25
30	PMA4	Z	.003	%25
31	PMB1	X	-.013	0
32	PMB1	Z	.008	0
33	PMB1	X	-.013	%50
34	PMB1	Z	.008	%50
35	PMB1	X	-.011	%25
36	PMB1	Z	.006	%25
37	PMB2	X	-.045	0
38	PMB2	Z	.026	0
39	PMB2	X	-.045	%62.5
40	PMB2	Z	.026	%62.5
41	PMB2	X	-.002	0
42	PMB2	Z	.001	0
43	PMB2	X	-.002	%56.25
44	PMB2	Z	.001	%56.25
45	PMB2	X	-.005	%25
46	PMB2	Z	.003	%25
47	PMB2	X	-.011	%25
48	PMB2	Z	.006	%25
49	PMB3	X	-.007	%9.635
50	PMB3	Z	.004	%9.635
51	PMB3	X	-.007	%40.365
52	PMB3	Z	.004	%40.365

Member Point Loads (BLC 21 : Wind 240 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
53	PMB3	X	-.01	%25
54	PMB3	Z	.006	%25
55	PMB4	X	-.013	0
56	PMB4	Z	.008	0
57	PMB4	X	-.013	%50
58	PMB4	Z	.008	%50
59	PMB4	X	-.005	%25
60	PMB4	Z	.003	%25
61	PMC1	X	-.015	0
62	PMC1	Z	.008	0
63	PMC1	X	-.015	%50
64	PMC1	Z	.008	%50
65	PMC1	X	-.014	%25
66	PMC1	Z	.008	%25
67	PMC2	X	-.056	0
68	PMC2	Z	.033	0
69	PMC2	X	-.056	%62.5
70	PMC2	Z	.033	%62.5
71	PMC2	X	-.007	%25
72	PMC2	Z	.004	%25
73	PMC2	X	-.014	%25
74	PMC2	Z	.008	%25
75	PMC3	X	-.01	%9.635
76	PMC3	Z	.006	%9.635
77	PMC3	X	-.01	%40.365
78	PMC3	Z	.006	%40.365
79	PMC3	X	-.007	%25
80	PMC3	Z	.004	%25
81	PMC4	X	-.015	0
82	PMC4	Z	.008	0
83	PMC4	X	-.015	%50
84	PMC4	Z	.008	%50

Member Point Loads (BLC 22 : Wind 270 Deg - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.015	0
2	PMA1	X	-.015	%50
3	PMA1	X	-.006	%25
4	PMA2	X	-.047	0
5	PMA2	X	-.047	%62.5
6	PMA2	X	-.003	0
7	PMA2	X	-.003	%56.25
8	PMA2	X	-.017	%25
9	PMA2	X	-.012	%25
10	PMA3	X	-.006	%9.635
11	PMA3	X	-.006	%40.365
12	PMA3	X	-.017	%25
13	PMA4	X	-.015	0
14	PMA4	X	-.015	%50
15	PMA4	X	-.005	%25
16	PMB1	X	-.016	0

Member Point Loads (BLC 22 : Wind 270 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
17	PMB1	X	-.016	%50
18	PMB1	X	-.015	%25
19	PMB2	X	-.061	0
20	PMB2	X	-.061	%62.5
21	PMB2	X	-.000815	0
22	PMB2	X	-.000815	%56.25
23	PMB2	X	-.005	%25
24	PMB2	X	-.015	%25
25	PMB3	X	-.01	%9.635
26	PMB3	X	-.01	%40.365
27	PMB3	X	-.014	%25
28	PMB4	X	-.016	0
29	PMB4	X	-.016	%50
30	PMB4	X	-.005	%25
31	PMC1	X	-.016	0
32	PMC1	X	-.016	%50
33	PMC1	X	-.014	%25
34	PMC2	X	-.061	0
35	PMC2	X	-.061	%62.5
36	PMC2	X	-.000815	0
37	PMC2	X	-.000815	%56.25
38	PMC2	X	-.008	%25
39	PMC2	X	-.014	%25
40	PMC3	X	-.01	%9.635
41	PMC3	X	-.01	%40.365
42	PMC3	X	-.008	%25
43	PMC4	X	-.016	0
44	PMC4	X	-.016	%50

Member Point Loads (BLC 23 : Wind 300 Deg - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.013	0
2	PMA1	Z	-.008	0
3	PMA1	X	-.013	%50
4	PMA1	Z	-.008	%50
5	PMA1	X	-.005	%25
6	PMA1	Z	-.003	%25
7	PMA2	X	-.045	0
8	PMA2	Z	-.026	0
9	PMA2	X	-.045	%62.5
10	PMA2	Z	-.026	%62.5
11	PMA2	X	-.002	0
12	PMA2	Z	-.001	0
13	PMA2	X	-.002	%56.25
14	PMA2	Z	-.001	%56.25
15	PMA2	X	-.019	%25
16	PMA2	Z	-.011	%25
17	PMA2	X	-.011	%25
18	PMA2	Z	-.006	%25
19	PMA3	X	-.007	%9.635
20	PMA3	Z	-.004	%9.635

Member Point Loads (BLC 23 : Wind 300 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
21	PMA3	X	-.007	%40.365
22	PMA3	Z	-.004	%40.365
23	PMA3	X	-.019	%25
24	PMA3	Z	-.011	%25
25	PMA4	X	-.013	0
26	PMA4	Z	-.008	0
27	PMA4	X	-.013	%50
28	PMA4	Z	-.008	%50
29	PMA4	X	-.005	%25
30	PMA4	Z	-.003	%25
31	PMB1	X	-.015	0
32	PMB1	Z	-.008	0
33	PMB1	X	-.015	%50
34	PMB1	Z	-.008	%50
35	PMB1	X	-.014	%25
36	PMB1	Z	-.008	%25
37	PMB2	X	-.056	0
38	PMB2	Z	-.033	0
39	PMB2	X	-.056	%62.5
40	PMB2	Z	-.033	%62.5
41	PMB2	X	-.004	%25
42	PMB2	Z	-.002	%25
43	PMB2	X	-.014	%25
44	PMB2	Z	-.008	%25
45	PMB3	X	-.01	%9.635
46	PMB3	Z	-.006	%9.635
47	PMB3	X	-.01	%40.365
48	PMB3	Z	-.006	%40.365
49	PMB3	X	-.014	%25
50	PMB3	Z	-.008	%25
51	PMB4	X	-.015	0
52	PMB4	Z	-.008	0
53	PMB4	X	-.015	%50
54	PMB4	Z	-.008	%50
55	PMB4	X	-.004	%25
56	PMB4	Z	-.002	%25
57	PMC1	X	-.013	0
58	PMC1	Z	-.008	0
59	PMC1	X	-.013	%50
60	PMC1	Z	-.008	%50
61	PMC1	X	-.01	%25
62	PMC1	Z	-.006	%25
63	PMC2	X	-.045	0
64	PMC2	Z	-.026	0
65	PMC2	X	-.045	%62.5
66	PMC2	Z	-.026	%62.5
67	PMC2	X	-.002	0
68	PMC2	Z	-.001	0
69	PMC2	X	-.002	%56.25
70	PMC2	Z	-.001	%56.25
71	PMC2	X	-.005	%25
72	PMC2	Z	-.003	%25

Member Point Loads (BLC 23 : Wind 300 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
73	PMC2	X	-.01	%25
74	PMC2	Z	-.006	%25
75	PMC3	X	-.007	%9.635
76	PMC3	Z	-.004	%9.635
77	PMC3	X	-.007	%40.365
78	PMC3	Z	-.004	%40.365
79	PMC3	X	-.005	%25
80	PMC3	Z	-.003	%25
81	PMC4	X	-.013	0
82	PMC4	Z	-.008	0
83	PMC4	X	-.013	%50
84	PMC4	Z	-.008	%50

Member Point Loads (BLC 24 : Wind 330 Deg - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.008	0
2	PMA1	Z	-.014	0
3	PMA1	X	-.008	%50
4	PMA1	Z	-.014	%50
5	PMA1	X	-.003	%25
6	PMA1	Z	-.004	%25
7	PMA2	X	-.03	0
8	PMA2	Z	-.052	0
9	PMA2	X	-.03	%62.5
10	PMA2	Z	-.052	%62.5
11	PMA2	X	-.000408	0
12	PMA2	Z	-.000706	0
13	PMA2	X	-.000408	%56.25
14	PMA2	Z	-.000706	%56.25
15	PMA2	X	-.015	%25
16	PMA2	Z	-.027	%25
17	PMA2	X	-.007	%25
18	PMA2	Z	-.013	%25
19	PMA3	X	-.005	%9.635
20	PMA3	Z	-.009	%9.635
21	PMA3	X	-.005	%40.365
22	PMA3	Z	-.009	%40.365
23	PMA3	X	-.015	%25
24	PMA3	Z	-.027	%25
25	PMA4	X	-.008	0
26	PMA4	Z	-.014	0
27	PMA4	X	-.008	%50
28	PMA4	Z	-.014	%50
29	PMA4	X	-.004	%25
30	PMA4	Z	-.007	%25
31	PMB1	X	-.008	0
32	PMB1	Z	-.014	0
33	PMB1	X	-.008	%50
34	PMB1	Z	-.014	%50
35	PMB1	X	-.007	%25
36	PMB1	Z	-.013	%25

Member Point Loads (BLC 24 : Wind 330 Deg - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
37	PMB2	X	-.03	0
38	PMB2	Z	-.052	0
39	PMB2	X	-.03	%62.5
40	PMB2	Z	-.052	%62.5
41	PMB2	X	-.000408	0
42	PMB2	Z	-.000706	0
43	PMB2	X	-.000408	%56.25
44	PMB2	Z	-.000706	%56.25
45	PMB2	X	-.003	%25
46	PMB2	Z	-.004	%25
47	PMB2	X	-.007	%25
48	PMB2	Z	-.013	%25
49	PMB3	X	-.005	%9.635
50	PMB3	Z	-.009	%9.635
51	PMB3	X	-.005	%40.365
52	PMB3	Z	-.009	%40.365
53	PMB3	X	-.007	%25
54	PMB3	Z	-.012	%25
55	PMB4	X	-.008	0
56	PMB4	Z	-.014	0
57	PMB4	X	-.008	%50
58	PMB4	Z	-.014	%50
59	PMB4	X	-.003	%25
60	PMB4	Z	-.004	%25
61	PMC1	X	-.007	0
62	PMC1	Z	-.013	0
63	PMC1	X	-.007	%50
64	PMC1	Z	-.013	%50
65	PMC1	X	-.005	%25
66	PMC1	Z	-.009	%25
67	PMC2	X	-.024	0
68	PMC2	Z	-.041	0
69	PMC2	X	-.024	%62.5
70	PMC2	Z	-.041	%62.5
71	PMC2	X	-.002	0
72	PMC2	Z	-.003	0
73	PMC2	X	-.002	%56.25
74	PMC2	Z	-.003	%56.25
75	PMC2	X	-.003	%25
76	PMC2	Z	-.005	%25
77	PMC2	X	-.005	%25
78	PMC2	Z	-.009	%25
79	PMC3	X	-.003	%9.635
80	PMC3	Z	-.006	%9.635
81	PMC3	X	-.003	%40.365
82	PMC3	Z	-.006	%40.365
83	PMC3	X	-.003	%25
84	PMC3	Z	-.005	%25
85	PMC4	X	-.007	0
86	PMC4	Z	-.013	0
87	PMC4	X	-.007	%50
88	PMC4	Z	-.013	%50

Member Point Loads (BLC 25 : Wind 0 Deg - Maintenance)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	Z	-.004	0
2	PMA1	Z	-.004	%50
3	PMA1	Z	-.000746	%25
4	PMA2	Z	-.018	0
5	PMA2	Z	-.018	%62.5
6	PMA2	Z	-.01	%25
7	PMA2	Z	-.004	%25
8	PMA3	Z	-.003	%9.635
9	PMA3	Z	-.003	%40.365
10	PMA3	Z	-.01	%25
11	PMA4	Z	-.004	0
12	PMA4	Z	-.004	%50
13	PMA4	Z	-.002	%25
14	PMB1	Z	-.004	0
15	PMB1	Z	-.004	%50
16	PMB1	Z	-.003	%25
17	PMB2	Z	-.014	0
18	PMB2	Z	-.014	%62.5
19	PMB2	Z	-.000304	0
20	PMB2	Z	-.000304	%56.25
21	PMB2	Z	-.000964	%25
22	PMB2	Z	-.003	%25
23	PMB3	Z	-.002	%9.635
24	PMB3	Z	-.002	%40.365
25	PMB3	Z	-.002	%25
26	PMB4	Z	-.004	0
27	PMB4	Z	-.004	%50
28	PMB4	Z	-.000964	%25
29	PMC1	Z	-.004	0
30	PMC1	Z	-.004	%50
31	PMC1	Z	-.002	%25
32	PMC2	Z	-.014	0
33	PMC2	Z	-.014	%62.5
34	PMC2	Z	-.000304	0
35	PMC2	Z	-.000304	%56.25
36	PMC2	Z	-.001	%25
37	PMC2	Z	-.002	%25
38	PMC3	Z	-.002	%9.635
39	PMC3	Z	-.002	%40.365
40	PMC3	Z	-.001	%25
41	PMC4	Z	-.004	0
42	PMC4	Z	-.004	%50

Member Point Loads (BLC 26 : Wind 30 Deg - Maintenance)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.002	0
2	PMA1	Z	-.004	0
3	PMA1	X	.002	%50
4	PMA1	Z	-.004	%50
5	PMA1	X	.000409	%25
6	PMA1	Z	-.000709	%25

Member Point Loads (BLC 26 : Wind 30 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
7	PMA2	X	.008	0
8	PMA2	Z	-.015	0
9	PMA2	X	.008	%62.5
10	PMA2	Z	-.015	%62.5
11	PMA2	X	5.1e-5	0
12	PMA2	Z	-8.8e-5	0
13	PMA2	X	5.1e-5	%56.25
14	PMA2	Z	-8.8e-5	%56.25
15	PMA2	X	.004	%25
16	PMA2	Z	-.007	%25
17	PMA2	X	.002	%25
18	PMA2	Z	-.003	%25
19	PMA3	X	.001	%9.635
20	PMA3	Z	-.002	%9.635
21	PMA3	X	.001	%40.365
22	PMA3	Z	-.002	%40.365
23	PMA3	X	.004	%25
24	PMA3	Z	-.007	%25
25	PMA4	X	.002	0
26	PMA4	Z	-.004	0
27	PMA4	X	.002	%50
28	PMA4	Z	-.004	%50
29	PMA4	X	.000758	%25
30	PMA4	Z	-.001	%25
31	PMB1	X	.002	0
32	PMB1	Z	-.003	0
33	PMB1	X	.002	%50
34	PMB1	Z	-.003	%50
35	PMB1	X	.001	%25
36	PMB1	Z	-.002	%25
37	PMB2	X	.006	0
38	PMB2	Z	-.01	0
39	PMB2	X	.006	%62.5
40	PMB2	Z	-.01	%62.5
41	PMB2	X	.000203	0
42	PMB2	Z	-.000351	0
43	PMB2	X	.000203	%56.25
44	PMB2	Z	-.000351	%56.25
45	PMB2	X	.000519	%25
46	PMB2	Z	-.000898	%25
47	PMB2	X	.001	%25
48	PMB2	Z	-.002	%25
49	PMB3	X	.000644	%9.635
50	PMB3	Z	-.001	%9.635
51	PMB3	X	.000644	%40.365
52	PMB3	Z	-.001	%40.365
53	PMB3	X	.001	%25
54	PMB3	Z	-.002	%25
55	PMB4	X	.002	0
56	PMB4	Z	-.003	0
57	PMB4	X	.002	%50
58	PMB4	Z	-.003	%50

Member Point Loads (BLC 26 : Wind 30 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
59	PMB4	X	.000519	%25
60	PMB4	Z	-.000898	%25
61	PMC1	X	.002	0
62	PMC1	Z	-.004	0
63	PMC1	X	.002	%50
64	PMC1	Z	-.004	%50
65	PMC1	X	.002	%25
66	PMC1	Z	-.003	%25
67	PMC2	X	.008	0
68	PMC2	Z	-.015	0
69	PMC2	X	.008	%62.5
70	PMC2	Z	-.015	%62.5
71	PMC2	X	5.1e-5	0
72	PMC2	Z	-8.8e-5	0
73	PMC2	X	5.1e-5	%56.25
74	PMC2	Z	-8.8e-5	%56.25
75	PMC2	X	.000758	%25
76	PMC2	Z	-.001	%25
77	PMC2	X	.002	%25
78	PMC2	Z	-.003	%25
79	PMC3	X	.001	%9.635
80	PMC3	Z	-.002	%9.635
81	PMC3	X	.001	%40.365
82	PMC3	Z	-.002	%40.365
83	PMC3	X	.000758	%25
84	PMC3	Z	-.001	%25
85	PMC4	X	.002	0
86	PMC4	Z	-.004	0
87	PMC4	X	.002	%50
88	PMC4	Z	-.004	%50

Member Point Loads (BLC 27 : Wind 60 Deg - Maintenance)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.003	0
2	PMA1	Z	-.002	0
3	PMA1	X	.003	%50
4	PMA1	Z	-.002	%50
5	PMA1	X	.000835	%25
6	PMA1	Z	-.000482	%25
7	PMA2	X	.012	0
8	PMA2	Z	-.007	0
9	PMA2	X	.012	%62.5
10	PMA2	Z	-.007	%62.5
11	PMA2	X	.000263	0
12	PMA2	Z	-.000152	0
13	PMA2	X	.000263	%56.25
14	PMA2	Z	-.000152	%56.25
15	PMA2	X	.005	%25
16	PMA2	Z	-.003	%25
17	PMA2	X	.002	%25
18	PMA2	Z	-.001	%25

Member Point Loads (BLC 27 : Wind 60 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
19	PMA3	X	.001	%9.635
20	PMA3	Z	-.000851	%9.635
21	PMA3	X	.001	%40.365
22	PMA3	Z	-.000851	%40.365
23	PMA3	X	.005	%25
24	PMA3	Z	-.003	%25
25	PMA4	X	.003	0
26	PMA4	Z	-.002	0
27	PMA4	X	.003	%50
28	PMA4	Z	-.002	%50
29	PMA4	X	.000929	%25
30	PMA4	Z	-.000536	%25
31	PMB1	X	.003	0
32	PMB1	Z	-.002	0
33	PMB1	X	.003	%50
34	PMB1	Z	-.002	%50
35	PMB1	X	.002	%25
36	PMB1	Z	-.001	%25
37	PMB2	X	.012	0
38	PMB2	Z	-.007	0
39	PMB2	X	.012	%62.5
40	PMB2	Z	-.007	%62.5
41	PMB2	X	.000263	0
42	PMB2	Z	-.000152	0
43	PMB2	X	.000263	%56.25
44	PMB2	Z	-.000152	%56.25
45	PMB2	X	.000835	%25
46	PMB2	Z	-.000482	%25
47	PMB2	X	.002	%25
48	PMB2	Z	-.001	%25
49	PMB3	X	.001	%9.635
50	PMB3	Z	-.000851	%9.635
51	PMB3	X	.001	%40.365
52	PMB3	Z	-.000851	%40.365
53	PMB3	X	.002	%25
54	PMB3	Z	-.001	%25
55	PMB4	X	.003	0
56	PMB4	Z	-.002	0
57	PMB4	X	.003	%50
58	PMB4	Z	-.002	%50
59	PMB4	X	.000835	%25
60	PMB4	Z	-.000482	%25
61	PMC1	X	.004	0
62	PMC1	Z	-.002	0
63	PMC1	X	.004	%50
64	PMC1	Z	-.002	%50
65	PMC1	X	.003	%25
66	PMC1	Z	-.002	%25
67	PMC2	X	.016	0
68	PMC2	Z	-.009	0
69	PMC2	X	.016	%62.5
70	PMC2	Z	-.009	%62.5

Member Point Loads (BLC 27 : Wind 60 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
71	PMC2	X	.002	%25
72	PMC2	Z	-.000868	%25
73	PMC2	X	.003	%25
74	PMC2	Z	-.002	%25
75	PMC3	X	.003	%9.635
76	PMC3	Z	-.001	%9.635
77	PMC3	X	.003	%40.365
78	PMC3	Z	-.001	%40.365
79	PMC3	X	.002	%25
80	PMC3	Z	-.000868	%25
81	PMC4	X	.004	0
82	PMC4	Z	-.002	0
83	PMC4	X	.004	%50
84	PMC4	Z	-.002	%50

Member Point Loads (BLC 28 : Wind 90 Deg - Maintenance)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	PMA1	X	.004	0
2	PMA1	X	.004	%50
3	PMA1	X	.001	%25
4	PMA2	X	.012	0
5	PMA2	X	.012	%62.5
6	PMA2	X	.000405	0
7	PMA2	X	.000405	%56.25
8	PMA2	X	.004	%25
9	PMA2	X	.003	%25
10	PMA3	X	.001	%9.635
11	PMA3	X	.001	%40.365
12	PMA3	X	.004	%25
13	PMA4	X	.004	0
14	PMA4	X	.004	%50
15	PMA4	X	.000852	%25
16	PMB1	X	.004	0
17	PMB1	X	.004	%50
18	PMB1	X	.003	%25
19	PMB2	X	.017	0
20	PMB2	X	.017	%62.5
21	PMB2	X	.000101	0
22	PMB2	X	.000101	%56.25
23	PMB2	X	.000819	%25
24	PMB2	X	.003	%25
25	PMB3	X	.003	%9.635
26	PMB3	X	.003	%40.365
27	PMB3	X	.003	%25
28	PMB4	X	.004	0
29	PMB4	X	.004	%50
30	PMB4	X	.000819	%25
31	PMC1	X	.004	0
32	PMC1	X	.004	%50
33	PMC1	X	.003	%25
34	PMC2	X	.017	0

Member Point Loads (BLC 28 : Wind 90 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
35	PMC2	X	.017	%62.5
36	PMC2	X	.000101	0
37	PMC2	X	.000101	%56.25
38	PMC2	X	.002	%25
39	PMC2	X	.003	%25
40	PMC3	X	.003	%9.635
41	PMC3	X	.003	%40.365
42	PMC3	X	.002	%25
43	PMC4	X	.004	0
44	PMC4	X	.004	%50

Member Point Loads (BLC 29 : Wind 120 Deg - Maintenance)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.003	0
2	PMA1	Z	.002	0
3	PMA1	X	.003	%50
4	PMA1	Z	.002	%50
5	PMA1	X	.000835	%25
6	PMA1	Z	.000482	%25
7	PMA2	X	.012	0
8	PMA2	Z	.007	0
9	PMA2	X	.012	%62.5
10	PMA2	Z	.007	%62.5
11	PMA2	X	.000263	0
12	PMA2	Z	.000152	0
13	PMA2	X	.000263	%56.25
14	PMA2	Z	.000152	%56.25
15	PMA2	X	.005	%25
16	PMA2	Z	.003	%25
17	PMA2	X	.002	%25
18	PMA2	Z	.001	%25
19	PMA3	X	.001	%9.635
20	PMA3	Z	.000851	%9.635
21	PMA3	X	.001	%40.365
22	PMA3	Z	.000851	%40.365
23	PMA3	X	.005	%25
24	PMA3	Z	.003	%25
25	PMA4	X	.003	0
26	PMA4	Z	.002	0
27	PMA4	X	.003	%50
28	PMA4	Z	.002	%50
29	PMA4	X	.000929	%25
30	PMA4	Z	.000536	%25
31	PMB1	X	.004	0
32	PMB1	Z	.002	0
33	PMB1	X	.004	%50
34	PMB1	Z	.002	%50
35	PMB1	X	.003	%25
36	PMB1	Z	.002	%25
37	PMB2	X	.016	0
38	PMB2	Z	.009	0

Member Point Loads (BLC 29 : Wind 120 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
39	PMB2	X	.016	%62.5
40	PMB2	Z	.009	%62.5
41	PMB2	X	.000646	%25
42	PMB2	Z	.000373	%25
43	PMB2	X	.003	%25
44	PMB2	Z	.002	%25
45	PMB3	X	.003	%9.635
46	PMB3	Z	.001	%9.635
47	PMB3	X	.003	%40.365
48	PMB3	Z	.001	%40.365
49	PMB3	X	.003	%25
50	PMB3	Z	.002	%25
51	PMB4	X	.004	0
52	PMB4	Z	.002	0
53	PMB4	X	.004	%50
54	PMB4	Z	.002	%50
55	PMB4	X	.000646	%25
56	PMB4	Z	.000373	%25
57	PMC1	X	.003	0
58	PMC1	Z	.002	0
59	PMC1	X	.003	%50
60	PMC1	Z	.002	%50
61	PMC1	X	.002	%25
62	PMC1	Z	.001	%25
63	PMC2	X	.012	0
64	PMC2	Z	.007	0
65	PMC2	X	.012	%62.5
66	PMC2	Z	.007	%62.5
67	PMC2	X	.000263	0
68	PMC2	Z	.000152	0
69	PMC2	X	.000263	%56.25
70	PMC2	Z	.000152	%56.25
71	PMC2	X	.000929	%25
72	PMC2	Z	.000536	%25
73	PMC2	X	.002	%25
74	PMC2	Z	.001	%25
75	PMC3	X	.001	%9.635
76	PMC3	Z	.000851	%9.635
77	PMC3	X	.001	%40.365
78	PMC3	Z	.000851	%40.365
79	PMC3	X	.000929	%25
80	PMC3	Z	.000536	%25
81	PMC4	X	.003	0
82	PMC4	Z	.002	0
83	PMC4	X	.003	%50
84	PMC4	Z	.002	%50

Member Point Loads (BLC 30 : Wind 150 Deg - Maintenance)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.002	0
2	PMA1	Z	.004	0

Member Point Loads (BLC 30 : Wind 150 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
3	PMA1	X	.002	%50
4	PMA1	Z	.004	%50
5	PMA1	X	.000409	%25
6	PMA1	Z	.000709	%25
7	PMA2	X	.008	0
8	PMA2	Z	.015	0
9	PMA2	X	.008	%62.5
10	PMA2	Z	.015	%62.5
11	PMA2	X	5.1e-5	0
12	PMA2	Z	8.8e-5	0
13	PMA2	X	5.1e-5	%56.25
14	PMA2	Z	8.8e-5	%56.25
15	PMA2	X	.004	%25
16	PMA2	Z	.007	%25
17	PMA2	X	.002	%25
18	PMA2	Z	.003	%25
19	PMA3	X	.001	%9.635
20	PMA3	Z	.002	%9.635
21	PMA3	X	.001	%40.365
22	PMA3	Z	.002	%40.365
23	PMA3	X	.004	%25
24	PMA3	Z	.007	%25
25	PMA4	X	.002	0
26	PMA4	Z	.004	0
27	PMA4	X	.002	%50
28	PMA4	Z	.004	%50
29	PMA4	X	.000758	%25
30	PMA4	Z	.001	%25
31	PMB1	X	.002	0
32	PMB1	Z	.004	0
33	PMB1	X	.002	%50
34	PMB1	Z	.004	%50
35	PMB1	X	.002	%25
36	PMB1	Z	.003	%25
37	PMB2	X	.008	0
38	PMB2	Z	.015	0
39	PMB2	X	.008	%62.5
40	PMB2	Z	.015	%62.5
41	PMB2	X	5.1e-5	0
42	PMB2	Z	8.8e-5	0
43	PMB2	X	5.1e-5	%56.25
44	PMB2	Z	8.8e-5	%56.25
45	PMB2	X	.000409	%25
46	PMB2	Z	.000709	%25
47	PMB2	X	.002	%25
48	PMB2	Z	.003	%25
49	PMB3	X	.001	%9.635
50	PMB3	Z	.002	%9.635
51	PMB3	X	.001	%40.365
52	PMB3	Z	.002	%40.365
53	PMB3	X	.002	%25
54	PMB3	Z	.003	%25

Member Point Loads (BLC 30 : Wind 150 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
55	PMB4	X	.002	0
56	PMB4	Z	.004	0
57	PMB4	X	.002	%50
58	PMB4	Z	.004	%50
59	PMB4	X	.000409	%25
60	PMB4	Z	.000709	%25
61	PMC1	X	.002	0
62	PMC1	Z	.003	0
63	PMC1	X	.002	%50
64	PMC1	Z	.003	%50
65	PMC1	X	.001	%25
66	PMC1	Z	.002	%25
67	PMC2	X	.006	0
68	PMC2	Z	.01	0
69	PMC2	X	.006	%62.5
70	PMC2	Z	.01	%62.5
71	PMC2	X	.000203	0
72	PMC2	Z	.000351	0
73	PMC2	X	.000203	%56.25
74	PMC2	Z	.000351	%56.25
75	PMC2	X	.000426	%25
76	PMC2	Z	.000738	%25
77	PMC2	X	.001	%25
78	PMC2	Z	.002	%25
79	PMC3	X	.000644	%9.635
80	PMC3	Z	.001	%9.635
81	PMC3	X	.000644	%40.365
82	PMC3	Z	.001	%40.365
83	PMC3	X	.000426	%25
84	PMC3	Z	.000738	%25
85	PMC4	X	.002	0
86	PMC4	Z	.003	0
87	PMC4	X	.002	%50
88	PMC4	Z	.003	%50

Member Point Loads (BLC 31 : Wind 180 Deg - Maintenance)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	Z	.004	0
2	PMA1	Z	.004	%50
3	PMA1	Z	.000746	%25
4	PMA2	Z	.018	0
5	PMA2	Z	.018	%62.5
6	PMA2	Z	.01	%25
7	PMA2	Z	.004	%25
8	PMA3	Z	.003	%9.635
9	PMA3	Z	.003	%40.365
10	PMA3	Z	.01	%25
11	PMA4	Z	.004	0
12	PMA4	Z	.004	%50
13	PMA4	Z	.002	%25
14	PMB1	Z	.004	0

Member Point Loads (BLC 31 : Wind 180 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
15	PMB1	Z	.004	%50
16	PMB1	Z	.003	%25
17	PMB2	Z	.014	0
18	PMB2	Z	.014	%62.5
19	PMB2	Z	.000304	0
20	PMB2	Z	.000304	%56.25
21	PMB2	Z	.000964	%25
22	PMB2	Z	.003	%25
23	PMB3	Z	.002	%9.635
24	PMB3	Z	.002	%40.365
25	PMB3	Z	.002	%25
26	PMB4	Z	.004	0
27	PMB4	Z	.004	%50
28	PMB4	Z	.000964	%25
29	PMC1	Z	.004	0
30	PMC1	Z	.004	%50
31	PMC1	Z	.002	%25
32	PMC2	Z	.014	0
33	PMC2	Z	.014	%62.5
34	PMC2	Z	.000304	0
35	PMC2	Z	.000304	%56.25
36	PMC2	Z	.001	%25
37	PMC2	Z	.002	%25
38	PMC3	Z	.002	%9.635
39	PMC3	Z	.002	%40.365
40	PMC3	Z	.001	%25
41	PMC4	Z	.004	0
42	PMC4	Z	.004	%50

Member Point Loads (BLC 32 : Wind 210 Deg - Maintenance)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.002	0
2	PMA1	Z	.004	0
3	PMA1	X	-.002	%50
4	PMA1	Z	.004	%50
5	PMA1	X	-.000409	%25
6	PMA1	Z	.000709	%25
7	PMA2	X	-.008	0
8	PMA2	Z	.015	0
9	PMA2	X	-.008	%62.5
10	PMA2	Z	.015	%62.5
11	PMA2	X	-5.1e-5	0
12	PMA2	Z	8.8e-5	0
13	PMA2	X	-5.1e-5	%56.25
14	PMA2	Z	8.8e-5	%56.25
15	PMA2	X	-.004	%25
16	PMA2	Z	.007	%25
17	PMA2	X	-.002	%25
18	PMA2	Z	.003	%25
19	PMA3	X	-.001	%9.635
20	PMA3	Z	.002	%9.635

Member Point Loads (BLC 32 : Wind 210 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
21	PMA3	X	-.001	%40.365
22	PMA3	Z	.002	%40.365
23	PMA3	X	-.004	%25
24	PMA3	Z	.007	%25
25	PMA4	X	-.002	0
26	PMA4	Z	.004	0
27	PMA4	X	-.002	%50
28	PMA4	Z	.004	%50
29	PMA4	X	-.000758	%25
30	PMA4	Z	.001	%25
31	PMB1	X	-.002	0
32	PMB1	Z	.003	0
33	PMB1	X	-.002	%50
34	PMB1	Z	.003	%50
35	PMB1	X	-.001	%25
36	PMB1	Z	.002	%25
37	PMB2	X	-.006	0
38	PMB2	Z	.01	0
39	PMB2	X	-.006	%62.5
40	PMB2	Z	.01	%62.5
41	PMB2	X	-.000203	0
42	PMB2	Z	.000351	0
43	PMB2	X	-.000203	%56.25
44	PMB2	Z	.000351	%56.25
45	PMB2	X	-.000519	%25
46	PMB2	Z	.000898	%25
47	PMB2	X	-.001	%25
48	PMB2	Z	.002	%25
49	PMB3	X	-.000644	%9.635
50	PMB3	Z	.001	%9.635
51	PMB3	X	-.000644	%40.365
52	PMB3	Z	.001	%40.365
53	PMB3	X	-.001	%25
54	PMB3	Z	.002	%25
55	PMB4	X	-.002	0
56	PMB4	Z	.003	0
57	PMB4	X	-.002	%50
58	PMB4	Z	.003	%50
59	PMB4	X	-.000519	%25
60	PMB4	Z	.000898	%25
61	PMC1	X	-.002	0
62	PMC1	Z	.004	0
63	PMC1	X	-.002	%50
64	PMC1	Z	.004	%50
65	PMC1	X	-.002	%25
66	PMC1	Z	.003	%25
67	PMC2	X	-.008	0
68	PMC2	Z	.015	0
69	PMC2	X	-.008	%62.5
70	PMC2	Z	.015	%62.5
71	PMC2	X	-5.1e-5	0
72	PMC2	Z	8.8e-5	0

Member Point Loads (BLC 32 : Wind 210 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
73	PMC2	X	-5.1e-5	%56.25
74	PMC2	Z	8.8e-5	%56.25
75	PMC2	X	-.000758	%25
76	PMC2	Z	.001	%25
77	PMC2	X	-.002	%25
78	PMC2	Z	.003	%25
79	PMC3	X	-.001	%9.635
80	PMC3	Z	.002	%9.635
81	PMC3	X	-.001	%40.365
82	PMC3	Z	.002	%40.365
83	PMC3	X	-.000758	%25
84	PMC3	Z	.001	%25
85	PMC4	X	-.002	0
86	PMC4	Z	.004	0
87	PMC4	X	-.002	%50
88	PMC4	Z	.004	%50

Member Point Loads (BLC 33 : Wind 240 Deg - Maintenance)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.003	0
2	PMA1	Z	.002	0
3	PMA1	X	-.003	%50
4	PMA1	Z	.002	%50
5	PMA1	X	-.000835	%25
6	PMA1	Z	.000482	%25
7	PMA2	X	-.012	0
8	PMA2	Z	.007	0
9	PMA2	X	-.012	%62.5
10	PMA2	Z	.007	%62.5
11	PMA2	X	-.000263	0
12	PMA2	Z	.000152	0
13	PMA2	X	-.000263	%56.25
14	PMA2	Z	.000152	%56.25
15	PMA2	X	-.005	%25
16	PMA2	Z	.003	%25
17	PMA2	X	-.002	%25
18	PMA2	Z	.001	%25
19	PMA3	X	-.001	%9.635
20	PMA3	Z	.000851	%9.635
21	PMA3	X	-.001	%40.365
22	PMA3	Z	.000851	%40.365
23	PMA3	X	-.005	%25
24	PMA3	Z	.003	%25
25	PMA4	X	-.003	0
26	PMA4	Z	.002	0
27	PMA4	X	-.003	%50
28	PMA4	Z	.002	%50
29	PMA4	X	-.000929	%25
30	PMA4	Z	.000536	%25
31	PMB1	X	-.003	0
32	PMB1	Z	.002	0

Member Point Loads (BLC 33 : Wind 240 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
33	PMB1	X	-.003	%50
34	PMB1	Z	.002	%50
35	PMB1	X	-.002	%25
36	PMB1	Z	.001	%25
37	PMB2	X	-.012	0
38	PMB2	Z	.007	0
39	PMB2	X	-.012	%62.5
40	PMB2	Z	.007	%62.5
41	PMB2	X	-.000263	0
42	PMB2	Z	.000152	0
43	PMB2	X	-.000263	%56.25
44	PMB2	Z	.000152	%56.25
45	PMB2	X	-.000835	%25
46	PMB2	Z	.000482	%25
47	PMB2	X	-.002	%25
48	PMB2	Z	.001	%25
49	PMB3	X	-.001	%9.635
50	PMB3	Z	.000851	%9.635
51	PMB3	X	-.001	%40.365
52	PMB3	Z	.000851	%40.365
53	PMB3	X	-.002	%25
54	PMB3	Z	.001	%25
55	PMB4	X	-.003	0
56	PMB4	Z	.002	0
57	PMB4	X	-.003	%50
58	PMB4	Z	.002	%50
59	PMB4	X	-.000835	%25
60	PMB4	Z	.000482	%25
61	PMC1	X	-.004	0
62	PMC1	Z	.002	0
63	PMC1	X	-.004	%50
64	PMC1	Z	.002	%50
65	PMC1	X	-.003	%25
66	PMC1	Z	.002	%25
67	PMC2	X	-.016	0
68	PMC2	Z	.009	0
69	PMC2	X	-.016	%62.5
70	PMC2	Z	.009	%62.5
71	PMC2	X	-.002	%25
72	PMC2	Z	.000868	%25
73	PMC2	X	-.003	%25
74	PMC2	Z	.002	%25
75	PMC3	X	-.003	%9.635
76	PMC3	Z	.001	%9.635
77	PMC3	X	-.003	%40.365
78	PMC3	Z	.001	%40.365
79	PMC3	X	-.002	%25
80	PMC3	Z	.000868	%25
81	PMC4	X	-.004	0
82	PMC4	Z	.002	0
83	PMC4	X	-.004	%50
84	PMC4	Z	.002	%50

Member Point Loads (BLC 34 : Wind 270 Deg - Maintenance)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.004	0
2	PMA1	X	-.004	%50
3	PMA1	X	-.001	%25
4	PMA2	X	-.012	0
5	PMA2	X	-.012	%62.5
6	PMA2	X	-.000405	0
7	PMA2	X	-.000405	%56.25
8	PMA2	X	-.004	%25
9	PMA2	X	-.003	%25
10	PMA3	X	-.001	%9.635
11	PMA3	X	-.001	%40.365
12	PMA3	X	-.004	%25
13	PMA4	X	-.004	0
14	PMA4	X	-.004	%50
15	PMA4	X	-.000852	%25
16	PMB1	X	-.004	0
17	PMB1	X	-.004	%50
18	PMB1	X	-.003	%25
19	PMB2	X	-.017	0
20	PMB2	X	-.017	%62.5
21	PMB2	X	-.000101	0
22	PMB2	X	-.000101	%56.25
23	PMB2	X	-.000819	%25
24	PMB2	X	-.003	%25
25	PMB3	X	-.003	%9.635
26	PMB3	X	-.003	%40.365
27	PMB3	X	-.003	%25
28	PMB4	X	-.004	0
29	PMB4	X	-.004	%50
30	PMB4	X	-.000819	%25
31	PMC1	X	-.004	0
32	PMC1	X	-.004	%50
33	PMC1	X	-.003	%25
34	PMC2	X	-.017	0
35	PMC2	X	-.017	%62.5
36	PMC2	X	-.000101	0
37	PMC2	X	-.000101	%56.25
38	PMC2	X	-.002	%25
39	PMC2	X	-.003	%25
40	PMC3	X	-.003	%9.635
41	PMC3	X	-.003	%40.365
42	PMC3	X	-.002	%25
43	PMC4	X	-.004	0
44	PMC4	X	-.004	%50

Member Point Loads (BLC 35 : Wind 300 Deg - Maintenance)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.003	0
2	PMA1	Z	-.002	0
3	PMA1	X	-.003	%50
4	PMA1	Z	-.002	%50

Member Point Loads (BLC 35 : Wind 300 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
5	PMA1	X	-.000835	%25
6	PMA1	Z	-.000482	%25
7	PMA2	X	-.012	0
8	PMA2	Z	-.007	0
9	PMA2	X	-.012	%62.5
10	PMA2	Z	-.007	%62.5
11	PMA2	X	-.000263	0
12	PMA2	Z	-.000152	0
13	PMA2	X	-.000263	%56.25
14	PMA2	Z	-.000152	%56.25
15	PMA2	X	-.005	%25
16	PMA2	Z	-.003	%25
17	PMA2	X	-.002	%25
18	PMA2	Z	-.001	%25
19	PMA3	X	-.001	%9.635
20	PMA3	Z	-.000851	%9.635
21	PMA3	X	-.001	%40.365
22	PMA3	Z	-.000851	%40.365
23	PMA3	X	-.005	%25
24	PMA3	Z	-.003	%25
25	PMA4	X	-.003	0
26	PMA4	Z	-.002	0
27	PMA4	X	-.003	%50
28	PMA4	Z	-.002	%50
29	PMA4	X	-.000929	%25
30	PMA4	Z	-.000536	%25
31	PMB1	X	-.004	0
32	PMB1	Z	-.002	0
33	PMB1	X	-.004	%50
34	PMB1	Z	-.002	%50
35	PMB1	X	-.003	%25
36	PMB1	Z	-.002	%25
37	PMB2	X	-.016	0
38	PMB2	Z	-.009	0
39	PMB2	X	-.016	%62.5
40	PMB2	Z	-.009	%62.5
41	PMB2	X	-.000646	%25
42	PMB2	Z	-.000373	%25
43	PMB2	X	-.003	%25
44	PMB2	Z	-.002	%25
45	PMB3	X	-.003	%9.635
46	PMB3	Z	-.001	%9.635
47	PMB3	X	-.003	%40.365
48	PMB3	Z	-.001	%40.365
49	PMB3	X	-.003	%25
50	PMB3	Z	-.002	%25
51	PMB4	X	-.004	0
52	PMB4	Z	-.002	0
53	PMB4	X	-.004	%50
54	PMB4	Z	-.002	%50
55	PMB4	X	-.000646	%25
56	PMB4	Z	-.000373	%25

Member Point Loads (BLC 35 : Wind 300 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
57	PMC1	X	-.003	0
58	PMC1	Z	-.002	0
59	PMC1	X	-.003	%50
60	PMC1	Z	-.002	%50
61	PMC1	X	-.002	%25
62	PMC1	Z	-.001	%25
63	PMC2	X	-.012	0
64	PMC2	Z	-.007	0
65	PMC2	X	-.012	%62.5
66	PMC2	Z	-.007	%62.5
67	PMC2	X	-.000263	0
68	PMC2	Z	-.000152	0
69	PMC2	X	-.000263	%56.25
70	PMC2	Z	-.000152	%56.25
71	PMC2	X	-.000929	%25
72	PMC2	Z	-.000536	%25
73	PMC2	X	-.002	%25
74	PMC2	Z	-.001	%25
75	PMC3	X	-.001	%9.635
76	PMC3	Z	-.000851	%9.635
77	PMC3	X	-.001	%40.365
78	PMC3	Z	-.000851	%40.365
79	PMC3	X	-.000929	%25
80	PMC3	Z	-.000536	%25
81	PMC4	X	-.003	0
82	PMC4	Z	-.002	0
83	PMC4	X	-.003	%50
84	PMC4	Z	-.002	%50

Member Point Loads (BLC 36 : Wind 330 Deg - Maintenance)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.002	0
2	PMA1	Z	-.004	0
3	PMA1	X	-.002	%50
4	PMA1	Z	-.004	%50
5	PMA1	X	-.000409	%25
6	PMA1	Z	-.000709	%25
7	PMA2	X	-.008	0
8	PMA2	Z	-.015	0
9	PMA2	X	-.008	%62.5
10	PMA2	Z	-.015	%62.5
11	PMA2	X	-5.1e-5	0
12	PMA2	Z	-8.8e-5	0
13	PMA2	X	-5.1e-5	%56.25
14	PMA2	Z	-8.8e-5	%56.25
15	PMA2	X	-.004	%25
16	PMA2	Z	-.007	%25
17	PMA2	X	-.002	%25
18	PMA2	Z	-.003	%25
19	PMA3	X	-.001	%9.635
20	PMA3	Z	-.002	%9.635

Member Point Loads (BLC 36 : Wind 330 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
21	PMA3	X	-.001	%40.365
22	PMA3	Z	-.002	%40.365
23	PMA3	X	-.004	%25
24	PMA3	Z	-.007	%25
25	PMA4	X	-.002	0
26	PMA4	Z	-.004	0
27	PMA4	X	-.002	%50
28	PMA4	Z	-.004	%50
29	PMA4	X	-.000758	%25
30	PMA4	Z	-.001	%25
31	PMB1	X	-.002	0
32	PMB1	Z	-.004	0
33	PMB1	X	-.002	%50
34	PMB1	Z	-.004	%50
35	PMB1	X	-.002	%25
36	PMB1	Z	-.003	%25
37	PMB2	X	-.008	0
38	PMB2	Z	-.015	0
39	PMB2	X	-.008	%62.5
40	PMB2	Z	-.015	%62.5
41	PMB2	X	-5.1e-5	0
42	PMB2	Z	-8.8e-5	0
43	PMB2	X	-5.1e-5	%56.25
44	PMB2	Z	-8.8e-5	%56.25
45	PMB2	X	-.000409	%25
46	PMB2	Z	-.000709	%25
47	PMB2	X	-.002	%25
48	PMB2	Z	-.003	%25
49	PMB3	X	-.001	%9.635
50	PMB3	Z	-.002	%9.635
51	PMB3	X	-.001	%40.365
52	PMB3	Z	-.002	%40.365
53	PMB3	X	-.002	%25
54	PMB3	Z	-.003	%25
55	PMB4	X	-.002	0
56	PMB4	Z	-.004	0
57	PMB4	X	-.002	%50
58	PMB4	Z	-.004	%50
59	PMB4	X	-.000409	%25
60	PMB4	Z	-.000709	%25
61	PMC1	X	-.002	0
62	PMC1	Z	-.003	0
63	PMC1	X	-.002	%50
64	PMC1	Z	-.003	%50
65	PMC1	X	-.001	%25
66	PMC1	Z	-.002	%25
67	PMC2	X	-.006	0
68	PMC2	Z	-.01	0
69	PMC2	X	-.006	%62.5
70	PMC2	Z	-.01	%62.5
71	PMC2	X	-.000203	0
72	PMC2	Z	-.000351	0

Member Point Loads (BLC 36 : Wind 330 Deg - Maintenance) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
73	PMC2	X	-.000203	%56.25
74	PMC2	Z	-.000351	%56.25
75	PMC2	X	-.000426	%25
76	PMC2	Z	-.000738	%25
77	PMC2	X	-.001	%25
78	PMC2	Z	-.002	%25
79	PMC3	X	-.000644	%9.635
80	PMC3	Z	-.001	%9.635
81	PMC3	X	-.000644	%40.365
82	PMC3	Z	-.001	%40.365
83	PMC3	X	-.000426	%25
84	PMC3	Z	-.000738	%25
85	PMC4	X	-.002	0
86	PMC4	Z	-.003	0
87	PMC4	X	-.002	%50
88	PMC4	Z	-.003	%50

Member Point Loads (BLC 37 : Dead)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	Y	-.008	0
2	PMA1	Y	-.008	%50
3	PMA1	Y	-.021	%25
4	PMA2	Y	-.063	0
5	PMA2	Y	-.063	%62.5
6	PMA2	Y	-.013	0
7	PMA2	Y	-.013	%56.25
8	PMA2	Y	-.044	%25
9	PMA2	Y	-.084	%25
10	PMA3	Y	-.008	%9.635
11	PMA3	Y	-.008	%40.365
12	PMA3	Y	-.044	%25
13	PMA4	Y	-.008	0
14	PMA4	Y	-.008	%50
15	PMA4	Y	-.019	%25
16	PMB1	Y	-.008	0
17	PMB1	Y	-.008	%50
18	PMB1	Y	-.084	%25
19	PMB2	Y	-.063	0
20	PMB2	Y	-.063	%62.5
21	PMB2	Y	-.013	0
22	PMB2	Y	-.013	%56.25
23	PMB2	Y	-.021	%25
24	PMB2	Y	-.084	%25
25	PMB3	Y	-.008	%9.635
26	PMB3	Y	-.008	%40.365
27	PMB3	Y	-.07	%25
28	PMB4	Y	-.008	0
29	PMB4	Y	-.008	%50
30	PMB4	Y	-.021	%25
31	PMC1	Y	-.008	0
32	PMC1	Y	-.008	%50

Member Point Loads (BLC 37 : Dead) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
33	PMC1	Y	-.07	%25
34	PMC2	Y	-.063	0
35	PMC2	Y	-.063	%62.5
36	PMC2	Y	-.013	0
37	PMC2	Y	-.013	%56.25
38	PMC2	Y	-.019	%25
39	PMC2	Y	-.07	%25
40	PMC3	Y	-.008	%9.635
41	PMC3	Y	-.008	%40.365
42	PMC3	Y	-.019	%25
43	PMC4	Y	-.008	0
44	PMC4	Y	-.008	%50

Member Point Loads (BLC 38 : Dead - Ice)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	Y	-.06	0
2	PMA1	Y	-.06	%50
3	PMA1	Y	-.015	%25
4	PMA2	Y	-.221	0
5	PMA2	Y	-.221	%62.5
6	PMA2	Y	-.018	0
7	PMA2	Y	-.018	%56.25
8	PMA2	Y	-.115	%25
9	PMA2	Y	-.051	%25
10	PMA3	Y	-.037	%9.635
11	PMA3	Y	-.037	%40.365
12	PMA3	Y	-.115	%25
13	PMA4	Y	-.06	0
14	PMA4	Y	-.06	%50
15	PMA4	Y	-.023	%25
16	PMB1	Y	-.06	0
17	PMB1	Y	-.06	%50
18	PMB1	Y	-.051	%25
19	PMB2	Y	-.221	0
20	PMB2	Y	-.221	%62.5
21	PMB2	Y	-.018	0
22	PMB2	Y	-.018	%56.25
23	PMB2	Y	-.015	%25
24	PMB2	Y	-.051	%25
25	PMB3	Y	-.037	%9.635
26	PMB3	Y	-.037	%40.365
27	PMB3	Y	-.049	%25
28	PMB4	Y	-.06	0
29	PMB4	Y	-.06	%50
30	PMB4	Y	-.015	%25
31	PMC1	Y	-.06	0
32	PMC1	Y	-.06	%50
33	PMC1	Y	-.049	%25
34	PMC2	Y	-.221	0
35	PMC2	Y	-.221	%62.5
36	PMC2	Y	-.018	0

Member Point Loads (BLC 38 : Dead - Ice) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
37	PMC2	Y	-.018	%56.25
38	PMC2	Y	-.023	%25
39	PMC2	Y	-.049	%25
40	PMC3	Y	-.037	%9.635
41	PMC3	Y	-.037	%40.365
42	PMC3	Y	-.023	%25
43	PMC4	Y	-.06	0
44	PMC4	Y	-.06	%50

Member Point Loads (BLC 39 : Maint. Pipe Load 1)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMC1	Y	-.5	%50

Member Point Loads (BLC 40 : Maint. Pipe Load 2)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMC2	Y	-.5	%50

Member Point Loads (BLC 41 : Maint. Pipe Load 3)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMC3	Y	-.5	%50

Member Point Loads (BLC 42 : Maint. Pipe Load 4)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMC4	Y	-.5	%50

Member Point Loads (BLC 43 : Maint. Pipe Load 5)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMB1	Y	-.5	%50

Member Point Loads (BLC 44 : Maint. Pipe Load 6)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMB2	Y	-.5	%50

Member Point Loads (BLC 45 : Maint. Pipe Load 7)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMB3	Y	-.5	%50

Member Point Loads (BLC 46 : Maint. Pipe Load 8)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMB4	Y	-.5	%50

Member Point Loads (BLC 47 : Maint. Pipe Load 9)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	Y	-.5	%50

Member Point Loads (BLC 48 : Maint. Pipe Load 10)

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

Member Point Loads (BLC 48 : Maint. Pipe Load 10) (Continued)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	PMA2	Y	-.5	%50

Member Point Loads (BLC 49 : Maint. Pipe Load 11)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	PMA3	Y	-.5	%50

Member Point Loads (BLC 50 : Maint. Pipe Load 12)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	PMA4	Y	-.5	%50

Member Point Loads (BLC 51 : Maint. Horz. Load 1)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	S1	Y	-.25	%50

Member Point Loads (BLC 52 : Maint. Horz. Load 2)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	S1	Y	-.25	%100

Member Point Loads (BLC 53 : Maint. Horz. Load 3)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	S2	Y	-.25	%50

Member Point Loads (BLC 54 : Maint. Horz. Load 4)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	S2	Y	-.25	0

Member Point Loads (BLC 55 : Maint. Horz. Load 5)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	S2	Y	-.25	%100

Member Point Loads (BLC 56 : Maint. Horz. Load 6)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	S3	Y	-.25	%50

Member Point Loads (BLC 57 : Maint. Horz. Load 7)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	S3	Y	-.25	0

Member Point Loads (BLC 58 : Maint. Horz. Load 8)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	S3	Y	-.25	%100

Member Point Loads (BLC 59 : Maint. Horz. Load 9)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	S4	Y	-.25	%50

Member Point Loads (BLC 60 : Maint. Horz. Load 10)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S4	Y	-.25	%100

Member Point Loads (BLC 61 : Maint. Horz. Load 11)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S5	Y	-.25	%50

Member Point Loads (BLC 62 : Maint. Horz. Load 12)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S5	Y	-.25	0

Member Point Loads (BLC 63 : Maint. Horz. Load 13)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S5	Y	-.25	%100

Member Point Loads (BLC 64 : Maint. Horz. Load 14)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S6	Y	-.25	%50

Member Point Loads (BLC 65 : Maint. Horz. Load 15)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S6	Y	-.25	0

Member Point Loads (BLC 66 : Maint. Horz. Load 16)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S6	Y	-.25	%100

Member Point Loads (BLC 67 : Maint. Horz. Load 17)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S7	Y	-.25	%50

Member Point Loads (BLC 68 : Maint. Horz. Load 18)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S7	Y	-.25	%100

Member Point Loads (BLC 69 : Maint. Horz. Load 19)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S8	Y	-.25	%50

Member Point Loads (BLC 70 : Maint. Horz. Load 20)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S8	Y	-.25	0

Member Point Loads (BLC 71 : Maint. Horz. Load 21)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S8	Y	-.25	%100

Member Point Loads (BLC 72 : Maint. Horz. Load 22)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S9	Y	-.25	%50

Member Point Loads (BLC 73 : Maint. Horz. Load 23)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S9	Y	-.25	0

Member Point Loads (BLC 74 : Maint. Horz. Load 24)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	S9	Y	-.25	%100

Member Point Loads (BLC 75 : Maint. Horz. Load 25)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	CB1	Y	-.25	%50

Member Point Loads (BLC 76 : Maint. Horz. Load 26)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	CB1	Y	-.25	0

Member Point Loads (BLC 77 : Maint. Horz. Load 27)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	CB1	Y	-.25	%100

Member Point Loads (BLC 78 : Maint. Horz. Load 28)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	CB2	Y	-.25	%50

Member Point Loads (BLC 79 : Maint. Horz. Load 29)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	CB2	Y	-.25	0

Member Point Loads (BLC 80 : Maint. Horz. Load 30)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	CB2	Y	-.25	%100

Member Point Loads (BLC 81 : Maint. Horz. Load 31)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	CB3	Y	-.25	%50

Member Point Loads (BLC 82 : Maint. Horz. Load 32)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	CB3	Y	-.25	0

Member Point Loads (BLC 83 : Maint. Horz. Load 33)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	CB3	Y	-.25	%100

Member Point Loads (BLC 84 : Maint. Horz. Load 34)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	G1	Y	-.25	%50

Member Point Loads (BLC 85 : Maint. Horz. Load 35)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	G1	Y	-.25	0

Member Point Loads (BLC 86 : Maint. Horz. Load 36)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	G1	Y	-.25	%100

Member Point Loads (BLC 87 : Maint. Horz. Load 37)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	G2	Y	-.25	%50

Member Point Loads (BLC 88 : Maint. Horz. Load 38)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	G2	Y	-.25	0

Member Point Loads (BLC 89 : Maint. Horz. Load 39)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	G2	Y	-.25	%100

Member Point Loads (BLC 90 : Maint. Horz. Load 40)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	G3	Y	-.25	%50

Member Point Loads (BLC 91 : Maint. Horz. Load 41)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	G3	Y	-.25	0

Member Point Loads (BLC 92 : Maint. Horz. Load 42)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	G3	Y	-.25	%100

Member Point Loads (BLC 93 : Maint. Horz. Load 43)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	G4	Y	-.25	%50

Member Point Loads (BLC 94 : Maint. Horz. Load 44)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	G4	Y	-.25	0

Member Point Loads (BLC 95 : Maint. Horz. Load 45)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	G4	Y	-.25	%100

Member Point Loads (BLC 96 : Maint. Horz. Load 46)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	G5	Y	-.25	%50

Member Point Loads (BLC 97 : Maint. Horz. Load 47)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	G5	Y	-.25	0

Member Point Loads (BLC 98 : Maint. Horz. Load 48)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	G5	Y	-.25	%100

Member Point Loads (BLC 99 : Maint. Horz. Load 49)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	G6	Y	-.25	%50

Member Point Loads (BLC 100 : Maint. Horz. Load 50)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	G6	Y	-.25	0

Member Point Loads (BLC 101 : Maint. Horz. Load 51)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	G6	Y	-.25	%100

Member Point Loads (BLC 102 : Maint. Horz. Load 52)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	C1	Y	-.25	%50

Member Point Loads (BLC 103 : Maint. Horz. Load 53)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	C1	Y	-.25	0

Member Point Loads (BLC 104 : Maint. Horz. Load 54)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	C1	Y	-.25	%100

Member Point Loads (BLC 105 : Maint. Horz. Load 55)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	C2	Y	-.25	%50

Member Point Loads (BLC 106 : Maint. Horz. Load 56)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	C2	Y	-.25	0

Member Point Loads (BLC 107 : Maint. Horz. Load 57)

	Member Label	Direction	Magnitude [k,k-ft]	Location [in,%]
1	C2	Y	-.25	%100

Member Point Loads (BLC 108 : Maint. Horz. Load 58)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	C3	Y	-.25	%50

Member Point Loads (BLC 109 : Maint. Horz. Load 59)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	C3	Y	-.25	0

Member Point Loads (BLC 110 : Maint. Horz. Load 60)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	C3	Y	-.25	%100

Member Point Loads (BLC 111 : Maint. Horz. Load 61)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	HRC	Y	-.25	%50

Member Point Loads (BLC 112 : Maint. Horz. Load 62)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	HRC	Y	-.25	0

Member Point Loads (BLC 113 : Maint. Horz. Load 63)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	HRC	Y	-.25	%100

Member Point Loads (BLC 114 : Maint. Horz. Load 64)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	HRB	Y	-.25	%50

Member Point Loads (BLC 115 : Maint. Horz. Load 65)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	HRB	Y	-.25	0

Member Point Loads (BLC 116 : Maint. Horz. Load 66)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	HRB	Y	-.25	%100

Member Point Loads (BLC 117 : Maint. Horz. Load 67)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	HRA	Y	-.25	%50

Member Point Loads (BLC 118 : Maint. Horz. Load 68)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	HRA	Y	-.25	0

Member Point Loads (BLC 119 : Maint. Horz. Load 69)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	HRA	Y	-.25	%100

Member Point Loads (BLC 120 : Earthquake 0 Deg)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	Z	-.000785	0
2	PMA1	Z	-.000785	%50
3	PMA1	Z	-.002	%25
4	PMA2	Z	-.006	0
5	PMA2	Z	-.006	%62.5
6	PMA2	Z	-.001	0
7	PMA2	Z	-.001	%56.25
8	PMA2	Z	-.004	%25
9	PMA2	Z	-.008	%25
10	PMA3	Z	-.00081	%9.635
11	PMA3	Z	-.00081	%40.365
12	PMA3	Z	-.004	%25
13	PMA4	Z	-.000785	0
14	PMA4	Z	-.000785	%50
15	PMA4	Z	-.002	%25
16	PMB1	Z	-.000785	0
17	PMB1	Z	-.000785	%50
18	PMB1	Z	-.008	%25
19	PMB2	Z	-.006	0
20	PMB2	Z	-.006	%62.5
21	PMB2	Z	-.001	0
22	PMB2	Z	-.001	%56.25
23	PMB2	Z	-.002	%25
24	PMB2	Z	-.008	%25
25	PMB3	Z	-.00081	%9.635
26	PMB3	Z	-.00081	%40.365
27	PMB3	Z	-.007	%25
28	PMB4	Z	-.000785	0
29	PMB4	Z	-.000785	%50
30	PMB4	Z	-.002	%25
31	PMC1	Z	-.000785	0
32	PMC1	Z	-.000785	%50
33	PMC1	Z	-.007	%25
34	PMC2	Z	-.006	0
35	PMC2	Z	-.006	%62.5
36	PMC2	Z	-.001	0
37	PMC2	Z	-.001	%56.25
38	PMC2	Z	-.002	%25
39	PMC2	Z	-.007	%25
40	PMC3	Z	-.00081	%9.635
41	PMC3	Z	-.00081	%40.365
42	PMC3	Z	-.002	%25
43	PMC4	Z	-.000785	0
44	PMC4	Z	-.000785	%50

Member Point Loads (BLC 121 : Earthquake 30 Deg)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.000393	0
2	PMA1	Z	-.00068	0
3	PMA1	X	.000393	%50
4	PMA1	Z	-.00068	%50

Member Point Loads (BLC 121 : Earthquake 30 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
5	PMA1	X	.001	%25
6	PMA1	Z	-.002	%25
7	PMA2	X	.003	0
8	PMA2	Z	-.005	0
9	PMA2	X	.003	%62.5
10	PMA2	Z	-.005	%62.5
11	PMA2	X	.000638	0
12	PMA2	Z	-.001	0
13	PMA2	X	.000638	%56.25
14	PMA2	Z	-.001	%56.25
15	PMA2	X	.002	%25
16	PMA2	Z	-.004	%25
17	PMA2	X	.004	%25
18	PMA2	Z	-.007	%25
19	PMA3	X	.000405	%9.635
20	PMA3	Z	-.000701	%9.635
21	PMA3	X	.000405	%40.365
22	PMA3	Z	-.000701	%40.365
23	PMA3	X	.002	%25
24	PMA3	Z	-.004	%25
25	PMA4	X	.000393	0
26	PMA4	Z	-.00068	0
27	PMA4	X	.000393	%50
28	PMA4	Z	-.00068	%50
29	PMA4	X	.000915	%25
30	PMA4	Z	-.002	%25
31	PMB1	X	.000393	0
32	PMB1	Z	-.00068	0
33	PMB1	X	.000393	%50
34	PMB1	Z	-.00068	%50
35	PMB1	X	.004	%25
36	PMB1	Z	-.007	%25
37	PMB2	X	.003	0
38	PMB2	Z	-.005	0
39	PMB2	X	.003	%62.5
40	PMB2	Z	-.005	%62.5
41	PMB2	X	.000638	0
42	PMB2	Z	-.001	0
43	PMB2	X	.000638	%56.25
44	PMB2	Z	-.001	%56.25
45	PMB2	X	.001	%25
46	PMB2	Z	-.002	%25
47	PMB2	X	.004	%25
48	PMB2	Z	-.007	%25
49	PMB3	X	.000405	%9.635
50	PMB3	Z	-.000701	%9.635
51	PMB3	X	.000405	%40.365
52	PMB3	Z	-.000701	%40.365
53	PMB3	X	.003	%25
54	PMB3	Z	-.006	%25
55	PMB4	X	.000393	0
56	PMB4	Z	-.00068	0

Member Point Loads (BLC 121 : Earthquake 30 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
57	PMB4	X	.000393	%50
58	PMB4	Z	-.00068	%50
59	PMB4	X	.001	%25
60	PMB4	Z	-.002	%25
61	PMC1	X	.000393	0
62	PMC1	Z	-.00068	0
63	PMC1	X	.000393	%50
64	PMC1	Z	-.00068	%50
65	PMC1	X	.003	%25
66	PMC1	Z	-.006	%25
67	PMC2	X	.003	0
68	PMC2	Z	-.005	0
69	PMC2	X	.003	%62.5
70	PMC2	Z	-.005	%62.5
71	PMC2	X	.000638	0
72	PMC2	Z	-.001	0
73	PMC2	X	.000638	%56.25
74	PMC2	Z	-.001	%56.25
75	PMC2	X	.000915	%25
76	PMC2	Z	-.002	%25
77	PMC2	X	.003	%25
78	PMC2	Z	-.006	%25
79	PMC3	X	.000405	%9.635
80	PMC3	Z	-.000701	%9.635
81	PMC3	X	.000405	%40.365
82	PMC3	Z	-.000701	%40.365
83	PMC3	X	.000913	%25
84	PMC3	Z	-.002	%25
85	PMC4	X	.000393	0
86	PMC4	Z	-.00068	0
87	PMC4	X	.000393	%50
88	PMC4	Z	-.00068	%50

Member Point Loads (BLC 122 : Earthquake 60 Deg)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.00068	0
2	PMA1	Z	-.000393	0
3	PMA1	X	.00068	%50
4	PMA1	Z	-.000393	%50
5	PMA1	X	.002	%25
6	PMA1	Z	-.001	%25
7	PMA2	X	.005	0
8	PMA2	Z	-.003	0
9	PMA2	X	.005	%62.5
10	PMA2	Z	-.003	%62.5
11	PMA2	X	.001	0
12	PMA2	Z	-.000638	0
13	PMA2	X	.001	%56.25
14	PMA2	Z	-.000638	%56.25
15	PMA2	X	.004	%25
16	PMA2	Z	-.002	%25

Member Point Loads (BLC 122 : Earthquake 60 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
17	PMA2	X	.007	%25
18	PMA2	Z	-.004	%25
19	PMA3	X	.000701	%9.635
20	PMA3	Z	-.000405	%9.635
21	PMA3	X	.000701	%40.365
22	PMA3	Z	-.000405	%40.365
23	PMA3	X	.004	%25
24	PMA3	Z	-.002	%25
25	PMA4	X	.00068	0
26	PMA4	Z	-.000393	0
27	PMA4	X	.00068	%50
28	PMA4	Z	-.000393	%50
29	PMA4	X	.002	%25
30	PMA4	Z	-.000915	%25
31	PMB1	X	.00068	0
32	PMB1	Z	-.000393	0
33	PMB1	X	.00068	%50
34	PMB1	Z	-.000393	%50
35	PMB1	X	.007	%25
36	PMB1	Z	-.004	%25
37	PMB2	X	.005	0
38	PMB2	Z	-.003	0
39	PMB2	X	.005	%62.5
40	PMB2	Z	-.003	%62.5
41	PMB2	X	.001	0
42	PMB2	Z	-.000638	0
43	PMB2	X	.001	%56.25
44	PMB2	Z	-.000638	%56.25
45	PMB2	X	.002	%25
46	PMB2	Z	-.001	%25
47	PMB2	X	.007	%25
48	PMB2	Z	-.004	%25
49	PMB3	X	.000701	%9.635
50	PMB3	Z	-.000405	%9.635
51	PMB3	X	.000701	%40.365
52	PMB3	Z	-.000405	%40.365
53	PMB3	X	.006	%25
54	PMB3	Z	-.003	%25
55	PMB4	X	.00068	0
56	PMB4	Z	-.000393	0
57	PMB4	X	.00068	%50
58	PMB4	Z	-.000393	%50
59	PMB4	X	.002	%25
60	PMB4	Z	-.001	%25
61	PMC1	X	.00068	0
62	PMC1	Z	-.000393	0
63	PMC1	X	.00068	%50
64	PMC1	Z	-.000393	%50
65	PMC1	X	.006	%25
66	PMC1	Z	-.003	%25
67	PMC2	X	.005	0
68	PMC2	Z	-.003	0

Member Point Loads (BLC 122 : Earthquake 60 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
69	PMC2	X	.005	%62.5
70	PMC2	Z	-.003	%62.5
71	PMC2	X	.001	0
72	PMC2	Z	-.000638	0
73	PMC2	X	.001	%56.25
74	PMC2	Z	-.000638	%56.25
75	PMC2	X	.002	%25
76	PMC2	Z	-.000915	%25
77	PMC2	X	.006	%25
78	PMC2	Z	-.003	%25
79	PMC3	X	.000701	%9.635
80	PMC3	Z	-.000405	%9.635
81	PMC3	X	.000701	%40.365
82	PMC3	Z	-.000405	%40.365
83	PMC3	X	.002	%25
84	PMC3	Z	-.000913	%25
85	PMC4	X	.00068	0
86	PMC4	Z	-.000393	0
87	PMC4	X	.00068	%50
88	PMC4	Z	-.000393	%50

Member Point Loads (BLC 123 : Earthquake 90 Deg)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.000785	0
2	PMA1	X	.000785	%50
3	PMA1	X	.002	%25
4	PMA2	X	.006	0
5	PMA2	X	.006	%62.5
6	PMA2	X	.001	0
7	PMA2	X	.001	%56.25
8	PMA2	X	.004	%25
9	PMA2	X	.008	%25
10	PMA3	X	.00081	%9.635
11	PMA3	X	.00081	%40.365
12	PMA3	X	.004	%25
13	PMA4	X	.000785	0
14	PMA4	X	.000785	%50
15	PMA4	X	.002	%25
16	PMB1	X	.000785	0
17	PMB1	X	.000785	%50
18	PMB1	X	.008	%25
19	PMB2	X	.006	0
20	PMB2	X	.006	%62.5
21	PMB2	X	.001	0
22	PMB2	X	.001	%56.25
23	PMB2	X	.002	%25
24	PMB2	X	.008	%25
25	PMB3	X	.00081	%9.635
26	PMB3	X	.00081	%40.365
27	PMB3	X	.007	%25
28	PMB4	X	.000785	0

Member Point Loads (BLC 123 : Earthquake 90 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
29	PMB4	X	.000785	%50
30	PMB4	X	.002	%25
31	PMC1	X	.000785	0
32	PMC1	X	.000785	%50
33	PMC1	X	.007	%25
34	PMC2	X	.006	0
35	PMC2	X	.006	%62.5
36	PMC2	X	.001	0
37	PMC2	X	.001	%56.25
38	PMC2	X	.002	%25
39	PMC2	X	.007	%25
40	PMC3	X	.00081	%9.635
41	PMC3	X	.00081	%40.365
42	PMC3	X	.002	%25
43	PMC4	X	.000785	0
44	PMC4	X	.000785	%50

Member Point Loads (BLC 124 : Earthquake 120 Deg)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.00068	0
2	PMA1	Z	.000393	0
3	PMA1	X	.00068	%50
4	PMA1	Z	.000393	%50
5	PMA1	X	.002	%25
6	PMA1	Z	.001	%25
7	PMA2	X	.005	0
8	PMA2	Z	.003	0
9	PMA2	X	.005	%62.5
10	PMA2	Z	.003	%62.5
11	PMA2	X	.001	0
12	PMA2	Z	.000638	0
13	PMA2	X	.001	%56.25
14	PMA2	Z	.000638	%56.25
15	PMA2	X	.004	%25
16	PMA2	Z	.002	%25
17	PMA2	X	.007	%25
18	PMA2	Z	.004	%25
19	PMA3	X	.000701	%9.635
20	PMA3	Z	.000405	%9.635
21	PMA3	X	.000701	%40.365
22	PMA3	Z	.000405	%40.365
23	PMA3	X	.004	%25
24	PMA3	Z	.002	%25
25	PMA4	X	.00068	0
26	PMA4	Z	.000393	0
27	PMA4	X	.00068	%50
28	PMA4	Z	.000393	%50
29	PMA4	X	.002	%25
30	PMA4	Z	.000915	%25
31	PMB1	X	.00068	0
32	PMB1	Z	.000393	0

Member Point Loads (BLC 124 : Earthquake 120 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
33	PMB1	X	.00068	%50
34	PMB1	Z	.000393	%50
35	PMB1	X	.007	%25
36	PMB1	Z	.004	%25
37	PMB2	X	.005	0
38	PMB2	Z	.003	0
39	PMB2	X	.005	%62.5
40	PMB2	Z	.003	%62.5
41	PMB2	X	.001	0
42	PMB2	Z	.000638	0
43	PMB2	X	.001	%56.25
44	PMB2	Z	.000638	%56.25
45	PMB2	X	.002	%25
46	PMB2	Z	.001	%25
47	PMB2	X	.007	%25
48	PMB2	Z	.004	%25
49	PMB3	X	.000701	%9.635
50	PMB3	Z	.000405	%9.635
51	PMB3	X	.000701	%40.365
52	PMB3	Z	.000405	%40.365
53	PMB3	X	.006	%25
54	PMB3	Z	.003	%25
55	PMB4	X	.00068	0
56	PMB4	Z	.000393	0
57	PMB4	X	.00068	%50
58	PMB4	Z	.000393	%50
59	PMB4	X	.002	%25
60	PMB4	Z	.001	%25
61	PMC1	X	.00068	0
62	PMC1	Z	.000393	0
63	PMC1	X	.00068	%50
64	PMC1	Z	.000393	%50
65	PMC1	X	.006	%25
66	PMC1	Z	.003	%25
67	PMC2	X	.005	0
68	PMC2	Z	.003	0
69	PMC2	X	.005	%62.5
70	PMC2	Z	.003	%62.5
71	PMC2	X	.001	0
72	PMC2	Z	.000638	0
73	PMC2	X	.001	%56.25
74	PMC2	Z	.000638	%56.25
75	PMC2	X	.002	%25
76	PMC2	Z	.000915	%25
77	PMC2	X	.006	%25
78	PMC2	Z	.003	%25
79	PMC3	X	.000701	%9.635
80	PMC3	Z	.000405	%9.635
81	PMC3	X	.000701	%40.365
82	PMC3	Z	.000405	%40.365
83	PMC3	X	.002	%25
84	PMC3	Z	.000913	%25

Member Point Loads (BLC 124 : Earthquake 120 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
85	PMC4	X	.00068	0
86	PMC4	Z	.000393	0
87	PMC4	X	.00068	%50
88	PMC4	Z	.000393	%50

Member Point Loads (BLC 125 : Earthquake 150 Deg)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	.000393	0
2	PMA1	Z	.00068	0
3	PMA1	X	.000393	%50
4	PMA1	Z	.00068	%50
5	PMA1	X	.001	%25
6	PMA1	Z	.002	%25
7	PMA2	X	.003	0
8	PMA2	Z	.005	0
9	PMA2	X	.003	%62.5
10	PMA2	Z	.005	%62.5
11	PMA2	X	.000638	0
12	PMA2	Z	.001	0
13	PMA2	X	.000638	%56.25
14	PMA2	Z	.001	%56.25
15	PMA2	X	.002	%25
16	PMA2	Z	.004	%25
17	PMA2	X	.004	%25
18	PMA2	Z	.007	%25
19	PMA3	X	.000405	%9.635
20	PMA3	Z	.000701	%9.635
21	PMA3	X	.000405	%40.365
22	PMA3	Z	.000701	%40.365
23	PMA3	X	.002	%25
24	PMA3	Z	.004	%25
25	PMA4	X	.000393	0
26	PMA4	Z	.00068	0
27	PMA4	X	.000393	%50
28	PMA4	Z	.00068	%50
29	PMA4	X	.000915	%25
30	PMA4	Z	.002	%25
31	PMB1	X	.000393	0
32	PMB1	Z	.00068	0
33	PMB1	X	.000393	%50
34	PMB1	Z	.00068	%50
35	PMB1	X	.004	%25
36	PMB1	Z	.007	%25
37	PMB2	X	.003	0
38	PMB2	Z	.005	0
39	PMB2	X	.003	%62.5
40	PMB2	Z	.005	%62.5
41	PMB2	X	.000638	0
42	PMB2	Z	.001	0
43	PMB2	X	.000638	%56.25
44	PMB2	Z	.001	%56.25

Member Point Loads (BLC 125 : Earthquake 150 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
45	PMB2	X	.001	%25
46	PMB2	Z	.002	%25
47	PMB2	X	.004	%25
48	PMB2	Z	.007	%25
49	PMB3	X	.000405	%9.635
50	PMB3	Z	.000701	%9.635
51	PMB3	X	.000405	%40.365
52	PMB3	Z	.000701	%40.365
53	PMB3	X	.003	%25
54	PMB3	Z	.006	%25
55	PMB4	X	.000393	0
56	PMB4	Z	.00068	0
57	PMB4	X	.000393	%50
58	PMB4	Z	.00068	%50
59	PMB4	X	.001	%25
60	PMB4	Z	.002	%25
61	PMC1	X	.000393	0
62	PMC1	Z	.00068	0
63	PMC1	X	.000393	%50
64	PMC1	Z	.00068	%50
65	PMC1	X	.003	%25
66	PMC1	Z	.006	%25
67	PMC2	X	.003	0
68	PMC2	Z	.005	0
69	PMC2	X	.003	%62.5
70	PMC2	Z	.005	%62.5
71	PMC2	X	.000638	0
72	PMC2	Z	.001	0
73	PMC2	X	.000638	%56.25
74	PMC2	Z	.001	%56.25
75	PMC2	X	.000915	%25
76	PMC2	Z	.002	%25
77	PMC2	X	.003	%25
78	PMC2	Z	.006	%25
79	PMC3	X	.000405	%9.635
80	PMC3	Z	.000701	%9.635
81	PMC3	X	.000405	%40.365
82	PMC3	Z	.000701	%40.365
83	PMC3	X	.000913	%25
84	PMC3	Z	.002	%25
85	PMC4	X	.000393	0
86	PMC4	Z	.00068	0
87	PMC4	X	.000393	%50
88	PMC4	Z	.00068	%50

Member Point Loads (BLC 126 : Earthquake 180 Deg)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	Z	.000785	0
2	PMA1	Z	.000785	%50
3	PMA1	Z	.002	%25
4	PMA2	Z	.006	0

Member Point Loads (BLC 126 : Earthquake 180 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
5	PMA2	Z	.006	%62.5
6	PMA2	Z	.001	0
7	PMA2	Z	.001	%56.25
8	PMA2	Z	.004	%25
9	PMA2	Z	.008	%25
10	PMA3	Z	.00081	%9.635
11	PMA3	Z	.00081	%40.365
12	PMA3	Z	.004	%25
13	PMA4	Z	.000785	0
14	PMA4	Z	.000785	%50
15	PMA4	Z	.002	%25
16	PMB1	Z	.000785	0
17	PMB1	Z	.000785	%50
18	PMB1	Z	.008	%25
19	PMB2	Z	.006	0
20	PMB2	Z	.006	%62.5
21	PMB2	Z	.001	0
22	PMB2	Z	.001	%56.25
23	PMB2	Z	.002	%25
24	PMB2	Z	.008	%25
25	PMB3	Z	.00081	%9.635
26	PMB3	Z	.00081	%40.365
27	PMB3	Z	.007	%25
28	PMB4	Z	.000785	0
29	PMB4	Z	.000785	%50
30	PMB4	Z	.002	%25
31	PMC1	Z	.000785	0
32	PMC1	Z	.000785	%50
33	PMC1	Z	.007	%25
34	PMC2	Z	.006	0
35	PMC2	Z	.006	%62.5
36	PMC2	Z	.001	0
37	PMC2	Z	.001	%56.25
38	PMC2	Z	.002	%25
39	PMC2	Z	.007	%25
40	PMC3	Z	.00081	%9.635
41	PMC3	Z	.00081	%40.365
42	PMC3	Z	.002	%25
43	PMC4	Z	.000785	0
44	PMC4	Z	.000785	%50

Member Point Loads (BLC 127 : Earthquake 210 Deg)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.000393	0
2	PMA1	Z	.00068	0
3	PMA1	X	-.000393	%50
4	PMA1	Z	.00068	%50
5	PMA1	X	-.001	%25
6	PMA1	Z	.002	%25
7	PMA2	X	-.003	0
8	PMA2	Z	.005	0

Member Point Loads (BLC 127 : Earthquake 210 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
9	PMA2	X	-.003	%62.5
10	PMA2	Z	.005	%62.5
11	PMA2	X	-.000638	0
12	PMA2	Z	.001	0
13	PMA2	X	-.000638	%56.25
14	PMA2	Z	.001	%56.25
15	PMA2	X	-.002	%25
16	PMA2	Z	.004	%25
17	PMA2	X	-.004	%25
18	PMA2	Z	.007	%25
19	PMA3	X	-.000405	%9.635
20	PMA3	Z	.000701	%9.635
21	PMA3	X	-.000405	%40.365
22	PMA3	Z	.000701	%40.365
23	PMA3	X	-.002	%25
24	PMA3	Z	.004	%25
25	PMA4	X	-.000393	0
26	PMA4	Z	.00068	0
27	PMA4	X	-.000393	%50
28	PMA4	Z	.00068	%50
29	PMA4	X	-.000915	%25
30	PMA4	Z	.002	%25
31	PMB1	X	-.000393	0
32	PMB1	Z	.00068	0
33	PMB1	X	-.000393	%50
34	PMB1	Z	.00068	%50
35	PMB1	X	-.004	%25
36	PMB1	Z	.007	%25
37	PMB2	X	-.003	0
38	PMB2	Z	.005	0
39	PMB2	X	-.003	%62.5
40	PMB2	Z	.005	%62.5
41	PMB2	X	-.000638	0
42	PMB2	Z	.001	0
43	PMB2	X	-.000638	%56.25
44	PMB2	Z	.001	%56.25
45	PMB2	X	-.001	%25
46	PMB2	Z	.002	%25
47	PMB2	X	-.004	%25
48	PMB2	Z	.007	%25
49	PMB3	X	-.000405	%9.635
50	PMB3	Z	.000701	%9.635
51	PMB3	X	-.000405	%40.365
52	PMB3	Z	.000701	%40.365
53	PMB3	X	-.003	%25
54	PMB3	Z	.006	%25
55	PMB4	X	-.000393	0
56	PMB4	Z	.00068	0
57	PMB4	X	-.000393	%50
58	PMB4	Z	.00068	%50
59	PMB4	X	-.001	%25
60	PMB4	Z	.002	%25

Member Point Loads (BLC 127 : Earthquake 210 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
61	PMC1	X	-.000393	0
62	PMC1	Z	.00068	0
63	PMC1	X	-.000393	%50
64	PMC1	Z	.00068	%50
65	PMC1	X	-.003	%25
66	PMC1	Z	.006	%25
67	PMC2	X	-.003	0
68	PMC2	Z	.005	0
69	PMC2	X	-.003	%62.5
70	PMC2	Z	.005	%62.5
71	PMC2	X	-.000638	0
72	PMC2	Z	.001	0
73	PMC2	X	-.000638	%56.25
74	PMC2	Z	.001	%56.25
75	PMC2	X	-.000915	%25
76	PMC2	Z	.002	%25
77	PMC2	X	-.003	%25
78	PMC2	Z	.006	%25
79	PMC3	X	-.000405	%9.635
80	PMC3	Z	.000701	%9.635
81	PMC3	X	-.000405	%40.365
82	PMC3	Z	.000701	%40.365
83	PMC3	X	-.000913	%25
84	PMC3	Z	.002	%25
85	PMC4	X	-.000393	0
86	PMC4	Z	.00068	0
87	PMC4	X	-.000393	%50
88	PMC4	Z	.00068	%50

Member Point Loads (BLC 128 : Earthquake 240 Deg)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.00068	0
2	PMA1	Z	.000393	0
3	PMA1	X	-.00068	%50
4	PMA1	Z	.000393	%50
5	PMA1	X	-.002	%25
6	PMA1	Z	.001	%25
7	PMA2	X	-.005	0
8	PMA2	Z	.003	0
9	PMA2	X	-.005	%62.5
10	PMA2	Z	.003	%62.5
11	PMA2	X	-.001	0
12	PMA2	Z	.000638	0
13	PMA2	X	-.001	%56.25
14	PMA2	Z	.000638	%56.25
15	PMA2	X	-.004	%25
16	PMA2	Z	.002	%25
17	PMA2	X	-.007	%25
18	PMA2	Z	.004	%25
19	PMA3	X	-.000701	%9.635
20	PMA3	Z	.000405	%9.635

Member Point Loads (BLC 128 : Earthquake 240 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
21	PMA3	X	-.000701	%40.365
22	PMA3	Z	.000405	%40.365
23	PMA3	X	-.004	%25
24	PMA3	Z	.002	%25
25	PMA4	X	-.00068	0
26	PMA4	Z	.000393	0
27	PMA4	X	-.00068	%50
28	PMA4	Z	.000393	%50
29	PMA4	X	-.002	%25
30	PMA4	Z	.000915	%25
31	PMB1	X	-.00068	0
32	PMB1	Z	.000393	0
33	PMB1	X	-.00068	%50
34	PMB1	Z	.000393	%50
35	PMB1	X	-.007	%25
36	PMB1	Z	.004	%25
37	PMB2	X	-.005	0
38	PMB2	Z	.003	0
39	PMB2	X	-.005	%62.5
40	PMB2	Z	.003	%62.5
41	PMB2	X	-.001	0
42	PMB2	Z	.000638	0
43	PMB2	X	-.001	%56.25
44	PMB2	Z	.000638	%56.25
45	PMB2	X	-.002	%25
46	PMB2	Z	.001	%25
47	PMB2	X	-.007	%25
48	PMB2	Z	.004	%25
49	PMB3	X	-.000701	%9.635
50	PMB3	Z	.000405	%9.635
51	PMB3	X	-.000701	%40.365
52	PMB3	Z	.000405	%40.365
53	PMB3	X	-.006	%25
54	PMB3	Z	.003	%25
55	PMB4	X	-.00068	0
56	PMB4	Z	.000393	0
57	PMB4	X	-.00068	%50
58	PMB4	Z	.000393	%50
59	PMB4	X	-.002	%25
60	PMB4	Z	.001	%25
61	PMC1	X	-.00068	0
62	PMC1	Z	.000393	0
63	PMC1	X	-.00068	%50
64	PMC1	Z	.000393	%50
65	PMC1	X	-.006	%25
66	PMC1	Z	.003	%25
67	PMC2	X	-.005	0
68	PMC2	Z	.003	0
69	PMC2	X	-.005	%62.5
70	PMC2	Z	.003	%62.5
71	PMC2	X	-.001	0
72	PMC2	Z	.000638	0

Member Point Loads (BLC 128 : Earthquake 240 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
73	PMC2	X	-.001	%56.25
74	PMC2	Z	.000638	%56.25
75	PMC2	X	-.002	%25
76	PMC2	Z	.000915	%25
77	PMC2	X	-.006	%25
78	PMC2	Z	.003	%25
79	PMC3	X	-.000701	%9.635
80	PMC3	Z	.000405	%9.635
81	PMC3	X	-.000701	%40.365
82	PMC3	Z	.000405	%40.365
83	PMC3	X	-.002	%25
84	PMC3	Z	.000913	%25
85	PMC4	X	-.00068	0
86	PMC4	Z	.000393	0
87	PMC4	X	-.00068	%50
88	PMC4	Z	.000393	%50

Member Point Loads (BLC 129 : Earthquake 270 Deg)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.000785	0
2	PMA1	X	-.000785	%50
3	PMA1	X	-.002	%25
4	PMA2	X	-.006	0
5	PMA2	X	-.006	%62.5
6	PMA2	X	-.001	0
7	PMA2	X	-.001	%56.25
8	PMA2	X	-.004	%25
9	PMA2	X	-.008	%25
10	PMA3	X	-.00081	%9.635
11	PMA3	X	-.00081	%40.365
12	PMA3	X	-.004	%25
13	PMA4	X	-.000785	0
14	PMA4	X	-.000785	%50
15	PMA4	X	-.002	%25
16	PMB1	X	-.000785	0
17	PMB1	X	-.000785	%50
18	PMB1	X	-.008	%25
19	PMB2	X	-.006	0
20	PMB2	X	-.006	%62.5
21	PMB2	X	-.001	0
22	PMB2	X	-.001	%56.25
23	PMB2	X	-.002	%25
24	PMB2	X	-.008	%25
25	PMB3	X	-.00081	%9.635
26	PMB3	X	-.00081	%40.365
27	PMB3	X	-.007	%25
28	PMB4	X	-.000785	0
29	PMB4	X	-.000785	%50
30	PMB4	X	-.002	%25
31	PMC1	X	-.000785	0
32	PMC1	X	-.000785	%50

Member Point Loads (BLC 129 : Earthquake 270 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
33	PMC1	X	-.007	%25
34	PMC2	X	-.006	0
35	PMC2	X	-.006	%62.5
36	PMC2	X	-.001	0
37	PMC2	X	-.001	%56.25
38	PMC2	X	-.002	%25
39	PMC2	X	-.007	%25
40	PMC3	X	-.00081	%9.635
41	PMC3	X	-.00081	%40.365
42	PMC3	X	-.002	%25
43	PMC4	X	-.000785	0
44	PMC4	X	-.000785	%50

Member Point Loads (BLC 130 : Earthquake 300 Deg)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.00068	0
2	PMA1	Z	-.000393	0
3	PMA1	X	-.00068	%50
4	PMA1	Z	-.000393	%50
5	PMA1	X	-.002	%25
6	PMA1	Z	-.001	%25
7	PMA2	X	-.005	0
8	PMA2	Z	-.003	0
9	PMA2	X	-.005	%62.5
10	PMA2	Z	-.003	%62.5
11	PMA2	X	-.001	0
12	PMA2	Z	-.000638	0
13	PMA2	X	-.001	%56.25
14	PMA2	Z	-.000638	%56.25
15	PMA2	X	-.004	%25
16	PMA2	Z	-.002	%25
17	PMA2	X	-.007	%25
18	PMA2	Z	-.004	%25
19	PMA3	X	-.000701	%9.635
20	PMA3	Z	-.000405	%9.635
21	PMA3	X	-.000701	%40.365
22	PMA3	Z	-.000405	%40.365
23	PMA3	X	-.004	%25
24	PMA3	Z	-.002	%25
25	PMA4	X	-.00068	0
26	PMA4	Z	-.000393	0
27	PMA4	X	-.00068	%50
28	PMA4	Z	-.000393	%50
29	PMA4	X	-.002	%25
30	PMA4	Z	-.000915	%25
31	PMB1	X	-.00068	0
32	PMB1	Z	-.000393	0
33	PMB1	X	-.00068	%50
34	PMB1	Z	-.000393	%50
35	PMB1	X	-.007	%25
36	PMB1	Z	-.004	%25

Member Point Loads (BLC 130 : Earthquake 300 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
37	PMB2	X	-.005	0
38	PMB2	Z	-.003	0
39	PMB2	X	-.005	%62.5
40	PMB2	Z	-.003	%62.5
41	PMB2	X	-.001	0
42	PMB2	Z	-.000638	0
43	PMB2	X	-.001	%56.25
44	PMB2	Z	-.000638	%56.25
45	PMB2	X	-.002	%25
46	PMB2	Z	-.001	%25
47	PMB2	X	-.007	%25
48	PMB2	Z	-.004	%25
49	PMB3	X	-.000701	%9.635
50	PMB3	Z	-.000405	%9.635
51	PMB3	X	-.000701	%40.365
52	PMB3	Z	-.000405	%40.365
53	PMB3	X	-.006	%25
54	PMB3	Z	-.003	%25
55	PMB4	X	-.00068	0
56	PMB4	Z	-.000393	0
57	PMB4	X	-.00068	%50
58	PMB4	Z	-.000393	%50
59	PMB4	X	-.002	%25
60	PMB4	Z	-.001	%25
61	PMC1	X	-.00068	0
62	PMC1	Z	-.000393	0
63	PMC1	X	-.00068	%50
64	PMC1	Z	-.000393	%50
65	PMC1	X	-.006	%25
66	PMC1	Z	-.003	%25
67	PMC2	X	-.005	0
68	PMC2	Z	-.003	0
69	PMC2	X	-.005	%62.5
70	PMC2	Z	-.003	%62.5
71	PMC2	X	-.001	0
72	PMC2	Z	-.000638	0
73	PMC2	X	-.001	%56.25
74	PMC2	Z	-.000638	%56.25
75	PMC2	X	-.002	%25
76	PMC2	Z	-.000915	%25
77	PMC2	X	-.006	%25
78	PMC2	Z	-.003	%25
79	PMC3	X	-.000701	%9.635
80	PMC3	Z	-.000405	%9.635
81	PMC3	X	-.000701	%40.365
82	PMC3	Z	-.000405	%40.365
83	PMC3	X	-.002	%25
84	PMC3	Z	-.000913	%25
85	PMC4	X	-.00068	0
86	PMC4	Z	-.000393	0
87	PMC4	X	-.00068	%50
88	PMC4	Z	-.000393	%50

Member Point Loads (BLC 131 : Earthquake 330 Deg)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
1	PMA1	X	-.000393	0
2	PMA1	Z	-.00068	0
3	PMA1	X	-.000393	%50
4	PMA1	Z	-.00068	%50
5	PMA1	X	-.001	%25
6	PMA1	Z	-.002	%25
7	PMA2	X	-.003	0
8	PMA2	Z	-.005	0
9	PMA2	X	-.003	%62.5
10	PMA2	Z	-.005	%62.5
11	PMA2	X	-.000638	0
12	PMA2	Z	-.001	0
13	PMA2	X	-.000638	%56.25
14	PMA2	Z	-.001	%56.25
15	PMA2	X	-.002	%25
16	PMA2	Z	-.004	%25
17	PMA2	X	-.004	%25
18	PMA2	Z	-.007	%25
19	PMA3	X	-.000405	%9.635
20	PMA3	Z	-.000701	%9.635
21	PMA3	X	-.000405	%40.365
22	PMA3	Z	-.000701	%40.365
23	PMA3	X	-.002	%25
24	PMA3	Z	-.004	%25
25	PMA4	X	-.000393	0
26	PMA4	Z	-.00068	0
27	PMA4	X	-.000393	%50
28	PMA4	Z	-.00068	%50
29	PMA4	X	-.000915	%25
30	PMA4	Z	-.002	%25
31	PMB1	X	-.000393	0
32	PMB1	Z	-.00068	0
33	PMB1	X	-.000393	%50
34	PMB1	Z	-.00068	%50
35	PMB1	X	-.004	%25
36	PMB1	Z	-.007	%25
37	PMB2	X	-.003	0
38	PMB2	Z	-.005	0
39	PMB2	X	-.003	%62.5
40	PMB2	Z	-.005	%62.5
41	PMB2	X	-.000638	0
42	PMB2	Z	-.001	0
43	PMB2	X	-.000638	%56.25
44	PMB2	Z	-.001	%56.25
45	PMB2	X	-.001	%25
46	PMB2	Z	-.002	%25
47	PMB2	X	-.004	%25
48	PMB2	Z	-.007	%25
49	PMB3	X	-.000405	%9.635
50	PMB3	Z	-.000701	%9.635
51	PMB3	X	-.000405	%40.365
52	PMB3	Z	-.000701	%40.365

Member Point Loads (BLC 131 : Earthquake 330 Deg) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[in,%]
53	PMB3	X	-.003	%25
54	PMB3	Z	-.006	%25
55	PMB4	X	-.000393	0
56	PMB4	Z	-.00068	0
57	PMB4	X	-.000393	%50
58	PMB4	Z	-.00068	%50
59	PMB4	X	-.001	%25
60	PMB4	Z	-.002	%25
61	PMC1	X	-.000393	0
62	PMC1	Z	-.00068	0
63	PMC1	X	-.000393	%50
64	PMC1	Z	-.00068	%50
65	PMC1	X	-.003	%25
66	PMC1	Z	-.006	%25
67	PMC2	X	-.003	0
68	PMC2	Z	-.005	0
69	PMC2	X	-.003	%62.5
70	PMC2	Z	-.005	%62.5
71	PMC2	X	-.000638	0
72	PMC2	Z	-.001	0
73	PMC2	X	-.000638	%56.25
74	PMC2	Z	-.001	%56.25
75	PMC2	X	-.000915	%25
76	PMC2	Z	-.002	%25
77	PMC2	X	-.003	%25
78	PMC2	Z	-.006	%25
79	PMC3	X	-.000405	%9.635
80	PMC3	Z	-.000701	%9.635
81	PMC3	X	-.000405	%40.365
82	PMC3	Z	-.000701	%40.365
83	PMC3	X	-.000913	%25
84	PMC3	Z	-.002	%25
85	PMC4	X	-.000393	0
86	PMC4	Z	-.00068	0
87	PMC4	X	-.000393	%50
88	PMC4	Z	-.00068	%50

Member Distributed Loads (BLC 1 : Wind 0 Deg - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	Z	-.008	-.008	%50	%100
2	PMA2	Z	-.008	-.008	%62.5	%100
3	PMA3	Z	-.008	-.008	0	%9.635
4	PMA3	Z	-.008	-.008	%40.365	%100
5	PMA4	Z	-.008	-.008	%50	%100
6	PMB1	Z	-.01	-.01	0	%100
7	PMB2	Z	-.01	-.01	0	%100
8	PMB3	Z	-.01	-.01	0	%100
9	PMB4	Z	-.01	-.01	0	%100
10	PMC1	Z	-.01	-.01	0	%100
11	PMC2	Z	-.01	-.01	0	%100

Member Distributed Loads (BLC 1 : Wind 0 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
12	PMC3	Z	-.01	-.01	0	%100
13	PMC4	Z	-.01	-.01	0	%100
14	S1	PZ	-.014	-.014	0	%100
15	S2	PZ	-.017	-.017	0	%100
16	S3	PZ	-.017	-.017	0	%100
17	S4	PZ	-.019	-.019	0	%100
18	S5	PZ	-.015	-.015	0	%100
19	S6	PZ	-.015	-.015	0	%100
20	S7	PZ	-.019	-.019	0	%100
21	S8	PZ	-.015	-.015	0	%100
22	S9	PZ	-.015	-.015	0	%100
23	K1	PZ	-.009	-.009	0	%100
24	K2	PZ	-.012	-.012	0	%100
25	K3	PZ	-.012	-.012	0	%100
26	CB1	PZ	-.009	-.009	0	%100
27	CB2	PZ	-.01	-.01	0	%100
28	CB3	PZ	-.009	-.009	0	%100
29	G1	PZ	-.009	-.009	0	%100
30	G2	PZ	-.009	-.009	0	%100
31	G3	PZ	-.012	-.012	0	%100
32	G4	PZ	-.009	-.009	0	%100
33	G5	PZ	-.009	-.009	0	%100
34	G6	PZ	-.012	-.012	0	%100
35	C1	PZ	-.022	-.022	0	%100
36	C2	PZ	-.021	-.021	0	%100
37	C3	PZ	-.021	-.021	0	%100
38	HRC	PZ	-.008	-.008	0	%100
39	HC	PZ	-.011	-.011	0	%100
40	HRB	PZ	-.008	-.008	0	%100
41	HB	PZ	-.011	-.011	0	%100
42	HRA	PZ	-.008	-.008	0	%100
43	HA	PZ	-.012	-.012	0	%100

Member Distributed Loads (BLC 2 : Wind 30 Deg - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.005	.005	0	%100
2	PMA1	Z	-.009	-.009	0	%100
3	PMA2	X	.005	.005	0	%100
4	PMA2	Z	-.009	-.009	0	%100
5	PMA3	X	.005	.005	0	%100
6	PMA3	Z	-.009	-.009	0	%100
7	PMA4	X	.005	.005	0	%100
8	PMA4	Z	-.009	-.009	0	%100
9	PMB1	X	.005	.005	0	%100
10	PMB1	Z	-.009	-.009	0	%100
11	PMB2	X	.005	.005	0	%100
12	PMB2	Z	-.009	-.009	0	%100
13	PMB3	X	.005	.005	0	%100
14	PMB3	Z	-.009	-.009	0	%100
15	PMB4	X	.005	.005	0	%100
16	PMB4	Z	-.009	-.009	0	%100

Member Distributed Loads (BLC 2 : Wind 30 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
17	PMC1	X	.005	.005	0	%100
18	PMC1	Z	-.009	-.009	0	%100
19	PMC2	X	.005	.005	0	%100
20	PMC2	Z	-.009	-.009	0	%100
21	PMC3	X	.005	.005	0	%100
22	PMC3	Z	-.009	-.009	0	%100
23	PMC4	X	.005	.005	0	%100
24	PMC4	Z	-.009	-.009	0	%100
25	S1	PX	.008	.008	0	%100
26	S1	PZ	-.014	-.014	0	%100
27	S2	PX	.008	.008	0	%100
28	S2	PZ	-.014	-.014	0	%100
29	S3	PX	.008	.008	0	%100
30	S3	PZ	-.014	-.014	0	%100
31	S4	PX	.008	.008	0	%100
32	S4	PZ	-.014	-.014	0	%100
33	S5	PX	.008	.008	0	%100
34	S5	PZ	-.014	-.014	0	%100
35	S6	PX	.008	.008	0	%100
36	S6	PZ	-.014	-.014	0	%100
37	S7	PX	.01	.01	0	%100
38	S7	PZ	-.017	-.017	0	%100
39	S8	PX	.007	.007	0	%100
40	S8	PZ	-.012	-.012	0	%100
41	S9	PX	.007	.007	0	%100
42	S9	PZ	-.012	-.012	0	%100
43	K1	PX	.005	.005	0	%100
44	K1	PZ	-.009	-.009	0	%100
45	K2	PX	.005	.005	0	%100
46	K2	PZ	-.009	-.009	0	%100
47	K3	PX	.006	.006	0	%100
48	K3	PZ	-.011	-.011	0	%100
49	CB1	PX	.005	.005	0	%100
50	CB1	PZ	-.009	-.009	0	%100
51	CB2	PX	.005	.005	0	%100
52	CB2	PZ	-.009	-.009	0	%100
53	CB3	PX	.004	.004	0	%100
54	CB3	PZ	-.008	-.008	0	%100
55	G1	PX	.004	.004	0	%100
56	G1	PZ	-.006	-.006	0	%100
57	G2	PX	.006	.006	0	%100
58	G2	PZ	-.01	-.01	0	%100
59	G3	PX	.006	.006	0	%100
60	G3	PZ	-.01	-.01	0	%100
61	G4	PX	.004	.004	0	%100
62	G4	PZ	-.006	-.006	0	%100
63	G5	PX	.006	.006	0	%100
64	G5	PZ	-.01	-.01	0	%100
65	G6	PX	.006	.006	0	%100
66	G6	PZ	-.01	-.01	0	%100
67	C1	PX	.011	.011	0	%100
68	C1	PZ	-.018	-.018	0	%100

Member Distributed Loads (BLC 2 : Wind 30 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
69	C2	PX	.011	.011	0	%100
70	C2	PZ	-.018	-.018	0	%100
71	C3	PX	.011	.011	0	%100
72	C3	PZ	-.018	-.018	0	%100
73	HRC	PX	.004	.004	0	%100
74	HRC	PZ	-.007	-.007	0	%100
75	HC	PX	.006	.006	0	%100
76	HC	PZ	-.011	-.011	0	%100
77	HRB	PX	.002	.002	0	%100
78	HRB	PZ	-.004	-.004	0	%100
79	HB	PX	.004	.004	0	%100
80	HB	PZ	-.006	-.006	0	%100
81	HRA	PX	.004	.004	0	%100
82	HRA	PZ	-.007	-.007	0	%100
83	HA	PX	.006	.006	0	%100
84	HA	PZ	-.011	-.011	0	%100

Member Distributed Loads (BLC 3 : Wind 60 Deg - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.009	.009	0	%100
2	PMA1	Z	-.005	-.005	0	%100
3	PMA2	X	.009	.009	0	%100
4	PMA2	Z	-.005	-.005	0	%100
5	PMA3	X	.009	.009	0	%100
6	PMA3	Z	-.005	-.005	0	%100
7	PMA4	X	.009	.009	0	%100
8	PMA4	Z	-.005	-.005	0	%100
9	PMB1	X	.009	.009	0	%100
10	PMB1	Z	-.005	-.005	0	%100
11	PMB2	X	.009	.009	0	%100
12	PMB2	Z	-.005	-.005	0	%100
13	PMB3	X	.009	.009	0	%100
14	PMB3	Z	-.005	-.005	0	%100
15	PMB4	X	.009	.009	0	%100
16	PMB4	Z	-.005	-.005	0	%100
17	PMC1	X	.007	.007	%50	%100
18	PMC1	Z	-.004	-.004	%50	%100
19	PMC2	X	.007	.007	%62.5	%100
20	PMC2	Z	-.004	-.004	%62.5	%100
21	PMC3	X	.007	.007	0	%9.635
22	PMC3	Z	-.004	-.004	0	%9.635
23	PMC3	X	.007	.007	%40.365	%100
24	PMC3	Z	-.004	-.004	%40.365	%100
25	PMC4	X	.007	.007	%50	%100
26	PMC4	Z	-.004	-.004	%50	%100
27	S1	PX	.016	.016	0	%100
28	S1	PZ	-.009	-.009	0	%100
29	S2	PX	.013	.013	0	%100
30	S2	PZ	-.008	-.008	0	%100
31	S3	PX	.013	.013	0	%100
32	S3	PZ	-.008	-.008	0	%100

Member Distributed Loads (BLC 3 : Wind 60 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
33	S4	PX	.012	.012	0	%100
34	S4	PZ	-.007	-.007	0	%100
35	S5	PX	.015	.015	0	%100
36	S5	PZ	-.009	-.009	0	%100
37	S6	PX	.015	.015	0	%100
38	S6	PZ	-.009	-.009	0	%100
39	S7	PX	.016	.016	0	%100
40	S7	PZ	-.009	-.009	0	%100
41	S8	PX	.013	.013	0	%100
42	S8	PZ	-.008	-.008	0	%100
43	S9	PX	.013	.013	0	%100
44	S9	PZ	-.008	-.008	0	%100
45	K1	PX	.011	.011	0	%100
46	K1	PZ	-.006	-.006	0	%100
47	K2	PX	.008	.008	0	%100
48	K2	PZ	-.004	-.004	0	%100
49	K3	PX	.011	.011	0	%100
50	K3	PZ	-.006	-.006	0	%100
51	CB1	PX	.009	.009	0	%100
52	CB1	PZ	-.005	-.005	0	%100
53	CB2	PX	.008	.008	0	%100
54	CB2	PZ	-.005	-.005	0	%100
55	CB3	PX	.008	.008	0	%100
56	CB3	PZ	-.005	-.005	0	%100
57	G1	PX	.008	.008	0	%100
58	G1	PZ	-.005	-.005	0	%100
59	G2	PX	.01	.01	0	%100
60	G2	PZ	-.006	-.006	0	%100
61	G3	PX	.008	.008	0	%100
62	G3	PZ	-.005	-.005	0	%100
63	G4	PX	.008	.008	0	%100
64	G4	PZ	-.005	-.005	0	%100
65	G5	PX	.01	.01	0	%100
66	G5	PZ	-.006	-.006	0	%100
67	G6	PX	.008	.008	0	%100
68	G6	PZ	-.005	-.005	0	%100
69	C1	PX	.018	.018	0	%100
70	C1	PZ	-.011	-.011	0	%100
71	C2	PX	.019	.019	0	%100
72	C2	PZ	-.011	-.011	0	%100
73	C3	PX	.018	.018	0	%100
74	C3	PZ	-.011	-.011	0	%100
75	HRC	PX	.007	.007	0	%100
76	HRC	PZ	-.004	-.004	0	%100
77	HC	PX	.011	.011	0	%100
78	HC	PZ	-.006	-.006	0	%100
79	HRB	PX	.007	.007	0	%100
80	HRB	PZ	-.004	-.004	0	%100
81	HB	PX	.01	.01	0	%100
82	HB	PZ	-.006	-.006	0	%100
83	HRA	PX	.007	.007	0	%100
84	HRA	PZ	-.004	-.004	0	%100

Member Distributed Loads (BLC 3 : Wind 60 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
85	HA	PX	.01	.01	0	%100
86	HA	PZ	-.006	-.006	0	%100

Member Distributed Loads (BLC 4 : Wind 90 Deg - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.01	.01	0	%100
2	PMA2	X	.01	.01	0	%100
3	PMA3	X	.01	.01	0	%100
4	PMA4	X	.01	.01	0	%100
5	PMB1	X	.01	.01	0	%100
6	PMB2	X	.01	.01	0	%100
7	PMB3	X	.01	.01	0	%100
8	PMB4	X	.01	.01	0	%100
9	PMC1	X	.01	.01	0	%100
10	PMC2	X	.01	.01	0	%100
11	PMC3	X	.01	.01	0	%100
12	PMC4	X	.01	.01	0	%100
13	S1	PX	.02	.02	0	%100
14	S2	PX	.014	.014	0	%100
15	S3	PX	.014	.014	0	%100
16	S4	PX	.017	.017	0	%100
17	S5	PX	.017	.017	0	%100
18	S6	PX	.017	.017	0	%100
19	S7	PX	.017	.017	0	%100
20	S8	PX	.017	.017	0	%100
21	S9	PX	.017	.017	0	%100
22	K1	PX	.013	.013	0	%100
23	K2	PX	.011	.011	0	%100
24	K3	PX	.011	.011	0	%100
25	CB1	PX	.01	.01	0	%100
26	CB2	PX	.009	.009	0	%100
27	CB3	PX	.01	.01	0	%100
28	G1	PX	.011	.011	0	%100
29	G2	PX	.011	.011	0	%100
30	G3	PX	.007	.007	0	%100
31	G4	PX	.011	.011	0	%100
32	G5	PX	.011	.011	0	%100
33	G6	PX	.007	.007	0	%100
34	C1	PX	.021	.021	0	%100
35	C2	PX	.021	.021	0	%100
36	C3	PX	.021	.021	0	%100
37	HRC	PX	.008	.008	0	%100
38	HC	PX	.012	.012	0	%100
39	HRB	PX	.008	.008	0	%100
40	HB	PX	.012	.012	0	%100
41	HRA	PX	.005	.005	0	%100
42	HA	PX	.007	.007	0	%100

Member Distributed Loads (BLC 5 : Wind 120 Deg - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.009	.009	0	%100

Member Distributed Loads (BLC 5 : Wind 120 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
2	PMA1	Z	.005	.005	0	%100
3	PMA2	X	.009	.009	0	%100
4	PMA2	Z	.005	.005	0	%100
5	PMA3	X	.009	.009	0	%100
6	PMA3	Z	.005	.005	0	%100
7	PMA4	X	.009	.009	0	%100
8	PMA4	Z	.005	.005	0	%100
9	PMB1	X	.007	.007	%50	%100
10	PMB1	Z	.004	.004	%50	%100
11	PMB2	X	.007	.007	%62.5	%100
12	PMB2	Z	.004	.004	%62.5	%100
13	PMB3	X	.007	.007	0	%9.635
14	PMB3	Z	.004	.004	0	%9.635
15	PMB3	X	.007	.007	%40.365	%100
16	PMB3	Z	.004	.004	%40.365	%100
17	PMB4	X	.007	.007	%50	%100
18	PMB4	Z	.004	.004	%50	%100
19	PMC1	X	.009	.009	0	%100
20	PMC1	Z	.005	.005	0	%100
21	PMC2	X	.009	.009	0	%100
22	PMC2	Z	.005	.005	0	%100
23	PMC3	X	.009	.009	0	%100
24	PMC3	Z	.005	.005	0	%100
25	PMC4	X	.009	.009	0	%100
26	PMC4	Z	.005	.005	0	%100
27	S1	PX	.016	.016	0	%100
28	S1	PZ	.009	.009	0	%100
29	S2	PX	.013	.013	0	%100
30	S2	PZ	.008	.008	0	%100
31	S3	PX	.013	.013	0	%100
32	S3	PZ	.008	.008	0	%100
33	S4	PX	.016	.016	0	%100
34	S4	PZ	.009	.009	0	%100
35	S5	PX	.013	.013	0	%100
36	S5	PZ	.008	.008	0	%100
37	S6	PX	.013	.013	0	%100
38	S6	PZ	.008	.008	0	%100
39	S7	PX	.012	.012	0	%100
40	S7	PZ	.007	.007	0	%100
41	S8	PX	.015	.015	0	%100
42	S8	PZ	.009	.009	0	%100
43	S9	PX	.015	.015	0	%100
44	S9	PZ	.009	.009	0	%100
45	K1	PX	.011	.011	0	%100
46	K1	PZ	.006	.006	0	%100
47	K2	PX	.011	.011	0	%100
48	K2	PZ	.006	.006	0	%100
49	K3	PX	.008	.008	0	%100
50	K3	PZ	.004	.004	0	%100
51	CB1	PX	.008	.008	0	%100
52	CB1	PZ	.005	.005	0	%100
53	CB2	PX	.008	.008	0	%100

Member Distributed Loads (BLC 5 : Wind 120 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
54	CB2	PZ	.005	.005	0	%100
55	CB3	PX	.009	.009	0	%100
56	CB3	PZ	.005	.005	0	%100
57	G1	PX	.01	.01	0	%100
58	G1	PZ	.006	.006	0	%100
59	G2	PX	.008	.008	0	%100
60	G2	PZ	.005	.005	0	%100
61	G3	PX	.008	.008	0	%100
62	G3	PZ	.005	.005	0	%100
63	G4	PX	.01	.01	0	%100
64	G4	PZ	.006	.006	0	%100
65	G5	PX	.008	.008	0	%100
66	G5	PZ	.005	.005	0	%100
67	G6	PX	.008	.008	0	%100
68	G6	PZ	.005	.005	0	%100
69	C1	PX	.018	.018	0	%100
70	C1	PZ	.011	.011	0	%100
71	C2	PX	.018	.018	0	%100
72	C2	PZ	.011	.011	0	%100
73	C3	PX	.019	.019	0	%100
74	C3	PZ	.011	.011	0	%100
75	HRC	PX	.007	.007	0	%100
76	HRC	PZ	.004	.004	0	%100
77	HC	PX	.01	.01	0	%100
78	HC	PZ	.006	.006	0	%100
79	HRB	PX	.007	.007	0	%100
80	HRB	PZ	.004	.004	0	%100
81	HB	PX	.011	.011	0	%100
82	HB	PZ	.006	.006	0	%100
83	HRA	PX	.007	.007	0	%100
84	HRA	PZ	.004	.004	0	%100
85	HA	PX	.01	.01	0	%100
86	HA	PZ	.006	.006	0	%100

Member Distributed Loads (BLC 6 : Wind 150 Deg - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.005	.005	0	%100
2	PMA1	Z	.009	.009	0	%100
3	PMA2	X	.005	.005	0	%100
4	PMA2	Z	.009	.009	0	%100
5	PMA3	X	.005	.005	0	%100
6	PMA3	Z	.009	.009	0	%100
7	PMA4	X	.005	.005	0	%100
8	PMA4	Z	.009	.009	0	%100
9	PMB1	X	.005	.005	0	%100
10	PMB1	Z	.009	.009	0	%100
11	PMB2	X	.005	.005	0	%100
12	PMB2	Z	.009	.009	0	%100
13	PMB3	X	.005	.005	0	%100
14	PMB3	Z	.009	.009	0	%100
15	PMB4	X	.005	.005	0	%100

Member Distributed Loads (BLC 6 : Wind 150 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
16	PMB4	Z	.009	.009	0	%100
17	PMC1	X	.005	.005	0	%100
18	PMC1	Z	.009	.009	0	%100
19	PMC2	X	.005	.005	0	%100
20	PMC2	Z	.009	.009	0	%100
21	PMC3	X	.005	.005	0	%100
22	PMC3	Z	.009	.009	0	%100
23	PMC4	X	.005	.005	0	%100
24	PMC4	Z	.009	.009	0	%100
25	S1	PX	.008	.008	0	%100
26	S1	PZ	.014	.014	0	%100
27	S2	PX	.008	.008	0	%100
28	S2	PZ	.014	.014	0	%100
29	S3	PX	.008	.008	0	%100
30	S3	PZ	.014	.014	0	%100
31	S4	PX	.01	.01	0	%100
32	S4	PZ	.017	.017	0	%100
33	S5	PX	.007	.007	0	%100
34	S5	PZ	.012	.012	0	%100
35	S6	PX	.007	.007	0	%100
36	S6	PZ	.012	.012	0	%100
37	S7	PX	.008	.008	0	%100
38	S7	PZ	.014	.014	0	%100
39	S8	PX	.008	.008	0	%100
40	S8	PZ	.014	.014	0	%100
41	S9	PX	.008	.008	0	%100
42	S9	PZ	.014	.014	0	%100
43	K1	PX	.005	.005	0	%100
44	K1	PZ	.009	.009	0	%100
45	K2	PX	.006	.006	0	%100
46	K2	PZ	.011	.011	0	%100
47	K3	PX	.005	.005	0	%100
48	K3	PZ	.009	.009	0	%100
49	CB1	PX	.004	.004	0	%100
50	CB1	PZ	.008	.008	0	%100
51	CB2	PX	.005	.005	0	%100
52	CB2	PZ	.009	.009	0	%100
53	CB3	PX	.005	.005	0	%100
54	CB3	PZ	.009	.009	0	%100
55	G1	PX	.006	.006	0	%100
56	G1	PZ	.01	.01	0	%100
57	G2	PX	.004	.004	0	%100
58	G2	PZ	.006	.006	0	%100
59	G3	PX	.006	.006	0	%100
60	G3	PZ	.01	.01	0	%100
61	G4	PX	.006	.006	0	%100
62	G4	PZ	.01	.01	0	%100
63	G5	PX	.004	.004	0	%100
64	G5	PZ	.006	.006	0	%100
65	G6	PX	.006	.006	0	%100
66	G6	PZ	.01	.01	0	%100
67	C1	PX	.011	.011	0	%100

Member Distributed Loads (BLC 6 : Wind 150 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
68	C1	PZ	.018	.018	0	%100
69	C2	PX	.011	.011	0	%100
70	C2	PZ	.018	.018	0	%100
71	C3	PX	.011	.011	0	%100
72	C3	PZ	.018	.018	0	%100
73	HRC	PX	.002	.002	0	%100
74	HRC	PZ	.004	.004	0	%100
75	HC	PX	.004	.004	0	%100
76	HC	PZ	.006	.006	0	%100
77	HRB	PX	.004	.004	0	%100
78	HRB	PZ	.007	.007	0	%100
79	HB	PX	.006	.006	0	%100
80	HB	PZ	.011	.011	0	%100
81	HRA	PX	.004	.004	0	%100
82	HRA	PZ	.007	.007	0	%100
83	HA	PX	.006	.006	0	%100
84	HA	PZ	.011	.011	0	%100

Member Distributed Loads (BLC 7 : Wind 180 Deg - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	Z	.008	.008	%50	%100
2	PMA2	Z	.008	.008	%62.5	%100
3	PMA3	Z	.008	.008	0	%9.635
4	PMA3	Z	.008	.008	%40.365	%100
5	PMA4	Z	.008	.008	%50	%100
6	PMB1	Z	.01	.01	0	%100
7	PMB2	Z	.01	.01	0	%100
8	PMB3	Z	.01	.01	0	%100
9	PMB4	Z	.01	.01	0	%100
10	PMC1	Z	.01	.01	0	%100
11	PMC2	Z	.01	.01	0	%100
12	PMC3	Z	.01	.01	0	%100
13	PMC4	Z	.01	.01	0	%100
14	S1	PZ	.014	.014	0	%100
15	S2	PZ	.017	.017	0	%100
16	S3	PZ	.017	.017	0	%100
17	S4	PZ	.019	.019	0	%100
18	S5	PZ	.015	.015	0	%100
19	S6	PZ	.015	.015	0	%100
20	S7	PZ	.019	.019	0	%100
21	S8	PZ	.015	.015	0	%100
22	S9	PZ	.015	.015	0	%100
23	K1	PZ	.009	.009	0	%100
24	K2	PZ	.012	.012	0	%100
25	K3	PZ	.012	.012	0	%100
26	CB1	PZ	.009	.009	0	%100
27	CB2	PZ	.01	.01	0	%100
28	CB3	PZ	.009	.009	0	%100
29	G1	PZ	.009	.009	0	%100
30	G2	PZ	.009	.009	0	%100
31	G3	PZ	.012	.012	0	%100

Member Distributed Loads (BLC 7 : Wind 180 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
32	G4	PZ	.009	.009	0	%100
33	G5	PZ	.009	.009	0	%100
34	G6	PZ	.012	.012	0	%100
35	C1	PZ	.022	.022	0	%100
36	C2	PZ	.021	.021	0	%100
37	C3	PZ	.021	.021	0	%100
38	HRC	PZ	.008	.008	0	%100
39	HC	PZ	.011	.011	0	%100
40	HRB	PZ	.008	.008	0	%100
41	HB	PZ	.011	.011	0	%100
42	HRA	PZ	.008	.008	0	%100
43	HA	PZ	.012	.012	0	%100

Member Distributed Loads (BLC 8 : Wind 210 Deg - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.005	-.005	0	%100
2	PMA1	Z	.009	.009	0	%100
3	PMA2	X	-.005	-.005	0	%100
4	PMA2	Z	.009	.009	0	%100
5	PMA3	X	-.005	-.005	0	%100
6	PMA3	Z	.009	.009	0	%100
7	PMA4	X	-.005	-.005	0	%100
8	PMA4	Z	.009	.009	0	%100
9	PMB1	X	-.005	-.005	0	%100
10	PMB1	Z	.009	.009	0	%100
11	PMB2	X	-.005	-.005	0	%100
12	PMB2	Z	.009	.009	0	%100
13	PMB3	X	-.005	-.005	0	%100
14	PMB3	Z	.009	.009	0	%100
15	PMB4	X	-.005	-.005	0	%100
16	PMB4	Z	.009	.009	0	%100
17	PMC1	X	-.005	-.005	0	%100
18	PMC1	Z	.009	.009	0	%100
19	PMC2	X	-.005	-.005	0	%100
20	PMC2	Z	.009	.009	0	%100
21	PMC3	X	-.005	-.005	0	%100
22	PMC3	Z	.009	.009	0	%100
23	PMC4	X	-.005	-.005	0	%100
24	PMC4	Z	.009	.009	0	%100
25	S1	PX	-.008	-.008	0	%100
26	S1	PZ	.014	.014	0	%100
27	S2	PX	-.008	-.008	0	%100
28	S2	PZ	.014	.014	0	%100
29	S3	PX	-.008	-.008	0	%100
30	S3	PZ	.014	.014	0	%100
31	S4	PX	-.008	-.008	0	%100
32	S4	PZ	.014	.014	0	%100
33	S5	PX	-.008	-.008	0	%100
34	S5	PZ	.014	.014	0	%100
35	S6	PX	-.008	-.008	0	%100
36	S6	PZ	.014	.014	0	%100

Member Distributed Loads (BLC 8 : Wind 210 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
37	S7	PX	-.01	-.01	0	%100
38	S7	PZ	.017	.017	0	%100
39	S8	PX	-.007	-.007	0	%100
40	S8	PZ	.012	.012	0	%100
41	S9	PX	-.007	-.007	0	%100
42	S9	PZ	.012	.012	0	%100
43	K1	PX	-.005	-.005	0	%100
44	K1	PZ	.009	.009	0	%100
45	K2	PX	-.005	-.005	0	%100
46	K2	PZ	.009	.009	0	%100
47	K3	PX	-.006	-.006	0	%100
48	K3	PZ	.011	.011	0	%100
49	CB1	PX	-.005	-.005	0	%100
50	CB1	PZ	.009	.009	0	%100
51	CB2	PX	-.005	-.005	0	%100
52	CB2	PZ	.009	.009	0	%100
53	CB3	PX	-.004	-.004	0	%100
54	CB3	PZ	.008	.008	0	%100
55	G1	PX	-.004	-.004	0	%100
56	G1	PZ	.006	.006	0	%100
57	G2	PX	-.006	-.006	0	%100
58	G2	PZ	.01	.01	0	%100
59	G3	PX	-.006	-.006	0	%100
60	G3	PZ	.01	.01	0	%100
61	G4	PX	-.004	-.004	0	%100
62	G4	PZ	.006	.006	0	%100
63	G5	PX	-.006	-.006	0	%100
64	G5	PZ	.01	.01	0	%100
65	G6	PX	-.006	-.006	0	%100
66	G6	PZ	.01	.01	0	%100
67	C1	PX	-.011	-.011	0	%100
68	C1	PZ	.018	.018	0	%100
69	C2	PX	-.011	-.011	0	%100
70	C2	PZ	.018	.018	0	%100
71	C3	PX	-.011	-.011	0	%100
72	C3	PZ	.018	.018	0	%100
73	HRC	PX	-.004	-.004	0	%100
74	HRC	PZ	.007	.007	0	%100
75	HC	PX	-.006	-.006	0	%100
76	HC	PZ	.011	.011	0	%100
77	HRB	PX	-.002	-.002	0	%100
78	HRB	PZ	.004	.004	0	%100
79	HB	PX	-.004	-.004	0	%100
80	HB	PZ	.006	.006	0	%100
81	HRA	PX	-.004	-.004	0	%100
82	HRA	PZ	.007	.007	0	%100
83	HA	PX	-.006	-.006	0	%100
84	HA	PZ	.011	.011	0	%100

Member Distributed Loads (BLC 9 : Wind 240 Deg - No Ice)

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

Member Distributed Loads (BLC 9 : Wind 240 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.009	-.009	0	%100
2	PMA1	Z	.005	.005	0	%100
3	PMA2	X	-.009	-.009	0	%100
4	PMA2	Z	.005	.005	0	%100
5	PMA3	X	-.009	-.009	0	%100
6	PMA3	Z	.005	.005	0	%100
7	PMA4	X	-.009	-.009	0	%100
8	PMA4	Z	.005	.005	0	%100
9	PMB1	X	-.009	-.009	0	%100
10	PMB1	Z	.005	.005	0	%100
11	PMB2	X	-.009	-.009	0	%100
12	PMB2	Z	.005	.005	0	%100
13	PMB3	X	-.009	-.009	0	%100
14	PMB3	Z	.005	.005	0	%100
15	PMB4	X	-.009	-.009	0	%100
16	PMB4	Z	.005	.005	0	%100
17	PMC1	X	-.007	-.007	%50	%100
18	PMC1	Z	.004	.004	%50	%100
19	PMC2	X	-.007	-.007	%62.5	%100
20	PMC2	Z	.004	.004	%62.5	%100
21	PMC3	X	-.007	-.007	0	%9.635
22	PMC3	Z	.004	.004	0	%9.635
23	PMC3	X	-.007	-.007	%40.365	%100
24	PMC3	Z	.004	.004	%40.365	%100
25	PMC4	X	-.007	-.007	%50	%100
26	PMC4	Z	.004	.004	%50	%100
27	S1	PX	-.016	-.016	0	%100
28	S1	PZ	.009	.009	0	%100
29	S2	PX	-.013	-.013	0	%100
30	S2	PZ	.008	.008	0	%100
31	S3	PX	-.013	-.013	0	%100
32	S3	PZ	.008	.008	0	%100
33	S4	PX	-.012	-.012	0	%100
34	S4	PZ	.007	.007	0	%100
35	S5	PX	-.015	-.015	0	%100
36	S5	PZ	.009	.009	0	%100
37	S6	PX	-.015	-.015	0	%100
38	S6	PZ	.009	.009	0	%100
39	S7	PX	-.016	-.016	0	%100
40	S7	PZ	.009	.009	0	%100
41	S8	PX	-.013	-.013	0	%100
42	S8	PZ	.008	.008	0	%100
43	S9	PX	-.013	-.013	0	%100
44	S9	PZ	.008	.008	0	%100
45	K1	PX	-.011	-.011	0	%100
46	K1	PZ	.006	.006	0	%100
47	K2	PX	-.008	-.008	0	%100
48	K2	PZ	.004	.004	0	%100
49	K3	PX	-.011	-.011	0	%100
50	K3	PZ	.006	.006	0	%100
51	CB1	PX	-.009	-.009	0	%100
52	CB1	PZ	.005	.005	0	%100

Member Distributed Loads (BLC 9 : Wind 240 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
53	CB2	PX	-.008	-.008	0	%100
54	CB2	PZ	.005	.005	0	%100
55	CB3	PX	-.008	-.008	0	%100
56	CB3	PZ	.005	.005	0	%100
57	G1	PX	-.008	-.008	0	%100
58	G1	PZ	.005	.005	0	%100
59	G2	PX	-.01	-.01	0	%100
60	G2	PZ	.006	.006	0	%100
61	G3	PX	-.008	-.008	0	%100
62	G3	PZ	.005	.005	0	%100
63	G4	PX	-.008	-.008	0	%100
64	G4	PZ	.005	.005	0	%100
65	G5	PX	-.01	-.01	0	%100
66	G5	PZ	.006	.006	0	%100
67	G6	PX	-.008	-.008	0	%100
68	G6	PZ	.005	.005	0	%100
69	C1	PX	-.018	-.018	0	%100
70	C1	PZ	.011	.011	0	%100
71	C2	PX	-.019	-.019	0	%100
72	C2	PZ	.011	.011	0	%100
73	C3	PX	-.018	-.018	0	%100
74	C3	PZ	.011	.011	0	%100
75	HRC	PX	-.007	-.007	0	%100
76	HRC	PZ	.004	.004	0	%100
77	HC	PX	-.011	-.011	0	%100
78	HC	PZ	.006	.006	0	%100
79	HRB	PX	-.007	-.007	0	%100
80	HRB	PZ	.004	.004	0	%100
81	HB	PX	-.01	-.01	0	%100
82	HB	PZ	.006	.006	0	%100
83	HRA	PX	-.007	-.007	0	%100
84	HRA	PZ	.004	.004	0	%100
85	HA	PX	-.01	-.01	0	%100
86	HA	PZ	.006	.006	0	%100

Member Distributed Loads (BLC 10 : Wind 270 Deg - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.01	-.01	0	%100
2	PMA2	X	-.01	-.01	0	%100
3	PMA3	X	-.01	-.01	0	%100
4	PMA4	X	-.01	-.01	0	%100
5	PMB1	X	-.01	-.01	0	%100
6	PMB2	X	-.01	-.01	0	%100
7	PMB3	X	-.01	-.01	0	%100
8	PMB4	X	-.01	-.01	0	%100
9	PMC1	X	-.01	-.01	0	%100
10	PMC2	X	-.01	-.01	0	%100
11	PMC3	X	-.01	-.01	0	%100
12	PMC4	X	-.01	-.01	0	%100
13	S1	PX	-.02	-.02	0	%100
14	S2	PX	-.014	-.014	0	%100

Member Distributed Loads (BLC 10 : Wind 270 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
15	S3	PX	-.014	-.014	0	%100
16	S4	PX	-.017	-.017	0	%100
17	S5	PX	-.017	-.017	0	%100
18	S6	PX	-.017	-.017	0	%100
19	S7	PX	-.017	-.017	0	%100
20	S8	PX	-.017	-.017	0	%100
21	S9	PX	-.017	-.017	0	%100
22	K1	PX	-.013	-.013	0	%100
23	K2	PX	-.011	-.011	0	%100
24	K3	PX	-.011	-.011	0	%100
25	CB1	PX	-.01	-.01	0	%100
26	CB2	PX	-.009	-.009	0	%100
27	CB3	PX	-.01	-.01	0	%100
28	G1	PX	-.011	-.011	0	%100
29	G2	PX	-.011	-.011	0	%100
30	G3	PX	-.007	-.007	0	%100
31	G4	PX	-.011	-.011	0	%100
32	G5	PX	-.011	-.011	0	%100
33	G6	PX	-.007	-.007	0	%100
34	C1	PX	-.021	-.021	0	%100
35	C2	PX	-.021	-.021	0	%100
36	C3	PX	-.021	-.021	0	%100
37	HRC	PX	-.008	-.008	0	%100
38	HC	PX	-.012	-.012	0	%100
39	HRB	PX	-.008	-.008	0	%100
40	HB	PX	-.012	-.012	0	%100
41	HRA	PX	-.005	-.005	0	%100
42	HA	PX	-.007	-.007	0	%100

Member Distributed Loads (BLC 11 : Wind 300 Deg - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.009	-.009	0	%100
2	PMA1	Z	-.005	-.005	0	%100
3	PMA2	X	-.009	-.009	0	%100
4	PMA2	Z	-.005	-.005	0	%100
5	PMA3	X	-.009	-.009	0	%100
6	PMA3	Z	-.005	-.005	0	%100
7	PMA4	X	-.009	-.009	0	%100
8	PMA4	Z	-.005	-.005	0	%100
9	PMB1	X	-.007	-.007	%50	%100
10	PMB1	Z	-.004	-.004	%50	%100
11	PMB2	X	-.007	-.007	%62.5	%100
12	PMB2	Z	-.004	-.004	%62.5	%100
13	PMB3	X	-.007	-.007	0	%9.635
14	PMB3	Z	-.004	-.004	0	%9.635
15	PMB3	X	-.007	-.007	%40.365	%100
16	PMB3	Z	-.004	-.004	%40.365	%100
17	PMB4	X	-.007	-.007	%50	%100
18	PMB4	Z	-.004	-.004	%50	%100
19	PMC1	X	-.009	-.009	0	%100
20	PMC1	Z	-.005	-.005	0	%100

Member Distributed Loads (BLC 11 : Wind 300 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
21	PMC2	X	-.009	-.009	0	%100
22	PMC2	Z	-.005	-.005	0	%100
23	PMC3	X	-.009	-.009	0	%100
24	PMC3	Z	-.005	-.005	0	%100
25	PMC4	X	-.009	-.009	0	%100
26	PMC4	Z	-.005	-.005	0	%100
27	S1	PX	-.016	-.016	0	%100
28	S1	PZ	-.009	-.009	0	%100
29	S2	PX	-.013	-.013	0	%100
30	S2	PZ	-.008	-.008	0	%100
31	S3	PX	-.013	-.013	0	%100
32	S3	PZ	-.008	-.008	0	%100
33	S4	PX	-.016	-.016	0	%100
34	S4	PZ	-.009	-.009	0	%100
35	S5	PX	-.013	-.013	0	%100
36	S5	PZ	-.008	-.008	0	%100
37	S6	PX	-.013	-.013	0	%100
38	S6	PZ	-.008	-.008	0	%100
39	S7	PX	-.012	-.012	0	%100
40	S7	PZ	-.007	-.007	0	%100
41	S8	PX	-.015	-.015	0	%100
42	S8	PZ	-.009	-.009	0	%100
43	S9	PX	-.015	-.015	0	%100
44	S9	PZ	-.009	-.009	0	%100
45	K1	PX	-.011	-.011	0	%100
46	K1	PZ	-.006	-.006	0	%100
47	K2	PX	-.011	-.011	0	%100
48	K2	PZ	-.006	-.006	0	%100
49	K3	PX	-.008	-.008	0	%100
50	K3	PZ	-.004	-.004	0	%100
51	CB1	PX	-.008	-.008	0	%100
52	CB1	PZ	-.005	-.005	0	%100
53	CB2	PX	-.008	-.008	0	%100
54	CB2	PZ	-.005	-.005	0	%100
55	CB3	PX	-.009	-.009	0	%100
56	CB3	PZ	-.005	-.005	0	%100
57	G1	PX	-.01	-.01	0	%100
58	G1	PZ	-.006	-.006	0	%100
59	G2	PX	-.008	-.008	0	%100
60	G2	PZ	-.005	-.005	0	%100
61	G3	PX	-.008	-.008	0	%100
62	G3	PZ	-.005	-.005	0	%100
63	G4	PX	-.01	-.01	0	%100
64	G4	PZ	-.006	-.006	0	%100
65	G5	PX	-.008	-.008	0	%100
66	G5	PZ	-.005	-.005	0	%100
67	G6	PX	-.008	-.008	0	%100
68	G6	PZ	-.005	-.005	0	%100
69	C1	PX	-.018	-.018	0	%100
70	C1	PZ	-.011	-.011	0	%100
71	C2	PX	-.018	-.018	0	%100
72	C2	PZ	-.011	-.011	0	%100

Member Distributed Loads (BLC 11 : Wind 300 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
73	C3	PX	-.019	-.019	0	%100
74	C3	PZ	-.011	-.011	0	%100
75	HRC	PX	-.007	-.007	0	%100
76	HRC	PZ	-.004	-.004	0	%100
77	HC	PX	-.01	-.01	0	%100
78	HC	PZ	-.006	-.006	0	%100
79	HRB	PX	-.007	-.007	0	%100
80	HRB	PZ	-.004	-.004	0	%100
81	HB	PX	-.011	-.011	0	%100
82	HB	PZ	-.006	-.006	0	%100
83	HRA	PX	-.007	-.007	0	%100
84	HRA	PZ	-.004	-.004	0	%100
85	HA	PX	-.01	-.01	0	%100
86	HA	PZ	-.006	-.006	0	%100

Member Distributed Loads (BLC 12 : Wind 330 Deg - No Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.005	-.005	0	%100
2	PMA1	Z	-.009	-.009	0	%100
3	PMA2	X	-.005	-.005	0	%100
4	PMA2	Z	-.009	-.009	0	%100
5	PMA3	X	-.005	-.005	0	%100
6	PMA3	Z	-.009	-.009	0	%100
7	PMA4	X	-.005	-.005	0	%100
8	PMA4	Z	-.009	-.009	0	%100
9	PMB1	X	-.005	-.005	0	%100
10	PMB1	Z	-.009	-.009	0	%100
11	PMB2	X	-.005	-.005	0	%100
12	PMB2	Z	-.009	-.009	0	%100
13	PMB3	X	-.005	-.005	0	%100
14	PMB3	Z	-.009	-.009	0	%100
15	PMB4	X	-.005	-.005	0	%100
16	PMB4	Z	-.009	-.009	0	%100
17	PMC1	X	-.005	-.005	0	%100
18	PMC1	Z	-.009	-.009	0	%100
19	PMC2	X	-.005	-.005	0	%100
20	PMC2	Z	-.009	-.009	0	%100
21	PMC3	X	-.005	-.005	0	%100
22	PMC3	Z	-.009	-.009	0	%100
23	PMC4	X	-.005	-.005	0	%100
24	PMC4	Z	-.009	-.009	0	%100
25	S1	PX	-.008	-.008	0	%100
26	S1	PZ	-.014	-.014	0	%100
27	S2	PX	-.008	-.008	0	%100
28	S2	PZ	-.014	-.014	0	%100
29	S3	PX	-.008	-.008	0	%100
30	S3	PZ	-.014	-.014	0	%100
31	S4	PX	-.01	-.01	0	%100
32	S4	PZ	-.017	-.017	0	%100
33	S5	PX	-.007	-.007	0	%100
34	S5	PZ	-.012	-.012	0	%100

Member Distributed Loads (BLC 12 : Wind 330 Deg - No Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
35	S6	PX	-.007	-.007	0	%100
36	S6	PZ	-.012	-.012	0	%100
37	S7	PX	-.008	-.008	0	%100
38	S7	PZ	-.014	-.014	0	%100
39	S8	PX	-.008	-.008	0	%100
40	S8	PZ	-.014	-.014	0	%100
41	S9	PX	-.008	-.008	0	%100
42	S9	PZ	-.014	-.014	0	%100
43	K1	PX	-.005	-.005	0	%100
44	K1	PZ	-.009	-.009	0	%100
45	K2	PX	-.006	-.006	0	%100
46	K2	PZ	-.011	-.011	0	%100
47	K3	PX	-.005	-.005	0	%100
48	K3	PZ	-.009	-.009	0	%100
49	CB1	PX	-.004	-.004	0	%100
50	CB1	PZ	-.008	-.008	0	%100
51	CB2	PX	-.005	-.005	0	%100
52	CB2	PZ	-.009	-.009	0	%100
53	CB3	PX	-.005	-.005	0	%100
54	CB3	PZ	-.009	-.009	0	%100
55	G1	PX	-.006	-.006	0	%100
56	G1	PZ	-.01	-.01	0	%100
57	G2	PX	-.004	-.004	0	%100
58	G2	PZ	-.006	-.006	0	%100
59	G3	PX	-.006	-.006	0	%100
60	G3	PZ	-.01	-.01	0	%100
61	G4	PX	-.006	-.006	0	%100
62	G4	PZ	-.01	-.01	0	%100
63	G5	PX	-.004	-.004	0	%100
64	G5	PZ	-.006	-.006	0	%100
65	G6	PX	-.006	-.006	0	%100
66	G6	PZ	-.01	-.01	0	%100
67	C1	PX	-.011	-.011	0	%100
68	C1	PZ	-.018	-.018	0	%100
69	C2	PX	-.011	-.011	0	%100
70	C2	PZ	-.018	-.018	0	%100
71	C3	PX	-.011	-.011	0	%100
72	C3	PZ	-.018	-.018	0	%100
73	HRC	PX	-.002	-.002	0	%100
74	HRC	PZ	-.004	-.004	0	%100
75	HC	PX	-.004	-.004	0	%100
76	HC	PZ	-.006	-.006	0	%100
77	HRB	PX	-.004	-.004	0	%100
78	HRB	PZ	-.007	-.007	0	%100
79	HB	PX	-.006	-.006	0	%100
80	HB	PZ	-.011	-.011	0	%100
81	HRA	PX	-.004	-.004	0	%100
82	HRA	PZ	-.007	-.007	0	%100
83	HA	PX	-.006	-.006	0	%100
84	HA	PZ	-.011	-.011	0	%100

Member Distributed Loads (BLC 13 : Wind 0 Deg - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	Z	-.003	-.003	%50	%100
2	PMA2	Z	-.003	-.003	%62.5	%100
3	PMA3	Z	-.003	-.003	0	%9.635
4	PMA3	Z	-.003	-.003	%40.365	%100
5	PMA4	Z	-.003	-.003	%50	%100
6	PMB1	Z	-.004	-.004	0	%100
7	PMB2	Z	-.004	-.004	0	%100
8	PMB3	Z	-.004	-.004	0	%100
9	PMB4	Z	-.004	-.004	0	%100
10	PMC1	Z	-.004	-.004	0	%100
11	PMC2	Z	-.004	-.004	0	%100
12	PMC3	Z	-.004	-.004	0	%100
13	PMC4	Z	-.004	-.004	0	%100
14	S1	PZ	-.004	-.004	0	%100
15	S2	PZ	-.005	-.005	0	%100
16	S3	PZ	-.005	-.005	0	%100
17	S4	PZ	-.006	-.006	0	%100
18	S5	PZ	-.004	-.004	0	%100
19	S6	PZ	-.004	-.004	0	%100
20	S7	PZ	-.006	-.006	0	%100
21	S8	PZ	-.004	-.004	0	%100
22	S9	PZ	-.004	-.004	0	%100
23	K1	PZ	-.003	-.003	0	%100
24	K2	PZ	-.005	-.005	0	%100
25	K3	PZ	-.005	-.005	0	%100
26	CB1	PZ	-.003	-.003	0	%100
27	CB2	PZ	-.004	-.004	0	%100
28	CB3	PZ	-.003	-.003	0	%100
29	G1	PZ	-.004	-.004	0	%100
30	G2	PZ	-.004	-.004	0	%100
31	G3	PZ	-.005	-.005	0	%100
32	G4	PZ	-.004	-.004	0	%100
33	G5	PZ	-.004	-.004	0	%100
34	G6	PZ	-.005	-.005	0	%100
35	C1	PZ	-.005	-.005	0	%100
36	C2	PZ	-.005	-.005	0	%100
37	C3	PZ	-.005	-.005	0	%100
38	HRC	PZ	-.003	-.003	0	%100
39	HC	PZ	-.004	-.004	0	%100
40	HRB	PZ	-.003	-.003	0	%100
41	HB	PZ	-.004	-.004	0	%100
42	HRA	PZ	-.003	-.003	0	%100
43	HA	PZ	-.004	-.004	0	%100

Member Distributed Loads (BLC 14 : Wind 30 Deg - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.002	.002	0	%100
2	PMA1	Z	-.003	-.003	0	%100
3	PMA2	X	.002	.002	0	%100
4	PMA2	Z	-.003	-.003	0	%100
5	PMA3	X	.002	.002	0	%100

Member Distributed Loads (BLC 14 : Wind 30 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
6	PMA3	Z	-.003	-.003	0	%100
7	PMA4	X	.002	.002	0	%100
8	PMA4	Z	-.003	-.003	0	%100
9	PMB1	X	.002	.002	0	%100
10	PMB1	Z	-.003	-.003	0	%100
11	PMB2	X	.002	.002	0	%100
12	PMB2	Z	-.003	-.003	0	%100
13	PMB3	X	.002	.002	0	%100
14	PMB3	Z	-.003	-.003	0	%100
15	PMB4	X	.002	.002	0	%100
16	PMB4	Z	-.003	-.003	0	%100
17	PMC1	X	.002	.002	0	%100
18	PMC1	Z	-.003	-.003	0	%100
19	PMC2	X	.002	.002	0	%100
20	PMC2	Z	-.003	-.003	0	%100
21	PMC3	X	.002	.002	0	%100
22	PMC3	Z	-.003	-.003	0	%100
23	PMC4	X	.002	.002	0	%100
24	PMC4	Z	-.003	-.003	0	%100
25	S1	PX	.002	.002	0	%100
26	S1	PZ	-.004	-.004	0	%100
27	S2	PX	.002	.002	0	%100
28	S2	PZ	-.004	-.004	0	%100
29	S3	PX	.002	.002	0	%100
30	S3	PZ	-.004	-.004	0	%100
31	S4	PX	.002	.002	0	%100
32	S4	PZ	-.004	-.004	0	%100
33	S5	PX	.002	.002	0	%100
34	S5	PZ	-.004	-.004	0	%100
35	S6	PX	.002	.002	0	%100
36	S6	PZ	-.004	-.004	0	%100
37	S7	PX	.003	.003	0	%100
38	S7	PZ	-.005	-.005	0	%100
39	S8	PX	.002	.002	0	%100
40	S8	PZ	-.004	-.004	0	%100
41	S9	PX	.002	.002	0	%100
42	S9	PZ	-.004	-.004	0	%100
43	K1	PX	.002	.002	0	%100
44	K1	PZ	-.003	-.003	0	%100
45	K2	PX	.002	.002	0	%100
46	K2	PZ	-.003	-.003	0	%100
47	K3	PX	.002	.002	0	%100
48	K3	PZ	-.004	-.004	0	%100
49	CB1	PX	.002	.002	0	%100
50	CB1	PZ	-.003	-.003	0	%100
51	CB2	PX	.002	.002	0	%100
52	CB2	PZ	-.003	-.003	0	%100
53	CB3	PX	.002	.002	0	%100
54	CB3	PZ	-.003	-.003	0	%100
55	G1	PX	.002	.002	0	%100
56	G1	PZ	-.003	-.003	0	%100
57	G2	PX	.002	.002	0	%100

Member Distributed Loads (BLC 14 : Wind 30 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
58	G2	PZ	-.004	-.004	0	%100
59	G3	PX	.002	.002	0	%100
60	G3	PZ	-.004	-.004	0	%100
61	G4	PX	.002	.002	0	%100
62	G4	PZ	-.003	-.003	0	%100
63	G5	PX	.002	.002	0	%100
64	G5	PZ	-.004	-.004	0	%100
65	G6	PX	.002	.002	0	%100
66	G6	PZ	-.004	-.004	0	%100
67	C1	PX	.003	.003	0	%100
68	C1	PZ	-.005	-.005	0	%100
69	C2	PX	.003	.003	0	%100
70	C2	PZ	-.005	-.005	0	%100
71	C3	PX	.003	.003	0	%100
72	C3	PZ	-.005	-.005	0	%100
73	HRC	PX	.002	.002	0	%100
74	HRC	PZ	-.003	-.003	0	%100
75	HC	PX	.002	.002	0	%100
76	HC	PZ	-.003	-.003	0	%100
77	HRB	PX	.000948	.000948	0	%100
78	HRB	PZ	-.002	-.002	0	%100
79	HB	PX	.001	.001	0	%100
80	HB	PZ	-.002	-.002	0	%100
81	HRA	PX	.002	.002	0	%100
82	HRA	PZ	-.003	-.003	0	%100
83	HA	PX	.002	.002	0	%100
84	HA	PZ	-.003	-.003	0	%100

Member Distributed Loads (BLC 15 : Wind 60 Deg - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.003	.003	0	%100
2	PMA1	Z	-.002	-.002	0	%100
3	PMA2	X	.003	.003	0	%100
4	PMA2	Z	-.002	-.002	0	%100
5	PMA3	X	.003	.003	0	%100
6	PMA3	Z	-.002	-.002	0	%100
7	PMA4	X	.003	.003	0	%100
8	PMA4	Z	-.002	-.002	0	%100
9	PMB1	X	.003	.003	0	%100
10	PMB1	Z	-.002	-.002	0	%100
11	PMB2	X	.003	.003	0	%100
12	PMB2	Z	-.002	-.002	0	%100
13	PMB3	X	.003	.003	0	%100
14	PMB3	Z	-.002	-.002	0	%100
15	PMB4	X	.003	.003	0	%100
16	PMB4	Z	-.002	-.002	0	%100
17	PMC1	X	.003	.003	%50	%100
18	PMC1	Z	-.001	-.001	%50	%100
19	PMC2	X	.003	.003	%62.5	%100
20	PMC2	Z	-.001	-.001	%62.5	%100
21	PMC3	X	.003	.003	0	%9.635

Member Distributed Loads (BLC 15 : Wind 60 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
22	PMC3	Z	-.001	-.001	0	%9.635
23	PMC3	X	.003	.003	%40.365	%100
24	PMC3	Z	-.001	-.001	%40.365	%100
25	PMC4	X	.003	.003	%50	%100
26	PMC4	Z	-.001	-.001	%50	%100
27	S1	PX	.005	.005	0	%100
28	S1	PZ	-.003	-.003	0	%100
29	S2	PX	.004	.004	0	%100
30	S2	PZ	-.002	-.002	0	%100
31	S3	PX	.004	.004	0	%100
32	S3	PZ	-.002	-.002	0	%100
33	S4	PX	.004	.004	0	%100
34	S4	PZ	-.002	-.002	0	%100
35	S5	PX	.004	.004	0	%100
36	S5	PZ	-.003	-.003	0	%100
37	S6	PX	.004	.004	0	%100
38	S6	PZ	-.003	-.003	0	%100
39	S7	PX	.005	.005	0	%100
40	S7	PZ	-.003	-.003	0	%100
41	S8	PX	.004	.004	0	%100
42	S8	PZ	-.002	-.002	0	%100
43	S9	PX	.004	.004	0	%100
44	S9	PZ	-.002	-.002	0	%100
45	K1	PX	.004	.004	0	%100
46	K1	PZ	-.002	-.002	0	%100
47	K2	PX	.003	.003	0	%100
48	K2	PZ	-.002	-.002	0	%100
49	K3	PX	.004	.004	0	%100
50	K3	PZ	-.002	-.002	0	%100
51	CB1	PX	.003	.003	0	%100
52	CB1	PZ	-.002	-.002	0	%100
53	CB2	PX	.003	.003	0	%100
54	CB2	PZ	-.002	-.002	0	%100
55	CB3	PX	.003	.003	0	%100
56	CB3	PZ	-.002	-.002	0	%100
57	G1	PX	.003	.003	0	%100
58	G1	PZ	-.002	-.002	0	%100
59	G2	PX	.004	.004	0	%100
60	G2	PZ	-.003	-.003	0	%100
61	G3	PX	.003	.003	0	%100
62	G3	PZ	-.002	-.002	0	%100
63	G4	PX	.003	.003	0	%100
64	G4	PZ	-.002	-.002	0	%100
65	G5	PX	.004	.004	0	%100
66	G5	PZ	-.003	-.003	0	%100
67	G6	PX	.003	.003	0	%100
68	G6	PZ	-.002	-.002	0	%100
69	C1	PX	.005	.005	0	%100
70	C1	PZ	-.003	-.003	0	%100
71	C2	PX	.005	.005	0	%100
72	C2	PZ	-.003	-.003	0	%100
73	C3	PX	.005	.005	0	%100

Member Distributed Loads (BLC 15 : Wind 60 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
74	C3	PZ	-.003	-.003	0	%100
75	HRC	PX	.003	.003	0	%100
76	HRC	PZ	-.002	-.002	0	%100
77	HC	PX	.003	.003	0	%100
78	HC	PZ	-.002	-.002	0	%100
79	HRB	PX	.003	.003	0	%100
80	HRB	PZ	-.002	-.002	0	%100
81	HB	PX	.003	.003	0	%100
82	HB	PZ	-.002	-.002	0	%100
83	HRA	PX	.003	.003	0	%100
84	HRA	PZ	-.002	-.002	0	%100
85	HA	PX	.003	.003	0	%100
86	HA	PZ	-.002	-.002	0	%100

Member Distributed Loads (BLC 16 : Wind 90 Deg - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.004	.004	0	%100
2	PMA2	X	.004	.004	0	%100
3	PMA3	X	.004	.004	0	%100
4	PMA4	X	.004	.004	0	%100
5	PMB1	X	.004	.004	0	%100
6	PMB2	X	.004	.004	0	%100
7	PMB3	X	.004	.004	0	%100
8	PMB4	X	.004	.004	0	%100
9	PMC1	X	.004	.004	0	%100
10	PMC2	X	.004	.004	0	%100
11	PMC3	X	.004	.004	0	%100
12	PMC4	X	.004	.004	0	%100
13	S1	PX	.006	.006	0	%100
14	S2	PX	.004	.004	0	%100
15	S3	PX	.004	.004	0	%100
16	S4	PX	.005	.005	0	%100
17	S5	PX	.005	.005	0	%100
18	S6	PX	.005	.005	0	%100
19	S7	PX	.005	.005	0	%100
20	S8	PX	.005	.005	0	%100
21	S9	PX	.005	.005	0	%100
22	K1	PX	.005	.005	0	%100
23	K2	PX	.004	.004	0	%100
24	K3	PX	.004	.004	0	%100
25	CB1	PX	.004	.004	0	%100
26	CB2	PX	.003	.003	0	%100
27	CB3	PX	.004	.004	0	%100
28	G1	PX	.005	.005	0	%100
29	G2	PX	.005	.005	0	%100
30	G3	PX	.003	.003	0	%100
31	G4	PX	.005	.005	0	%100
32	G5	PX	.005	.005	0	%100
33	G6	PX	.003	.003	0	%100
34	C1	PX	.005	.005	0	%100
35	C2	PX	.005	.005	0	%100

Member Distributed Loads (BLC 16 : Wind 90 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
36	C3	PX	.005	.005	0	%100
37	HRC	PX	.003	.003	0	%100
38	HC	PX	.004	.004	0	%100
39	HRB	PX	.003	.003	0	%100
40	HB	PX	.004	.004	0	%100
41	HRA	PX	.002	.002	0	%100
42	HA	PX	.002	.002	0	%100

Member Distributed Loads (BLC 17 : Wind 120 Deg - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.003	.003	0	%100
2	PMA1	Z	.002	.002	0	%100
3	PMA2	X	.003	.003	0	%100
4	PMA2	Z	.002	.002	0	%100
5	PMA3	X	.003	.003	0	%100
6	PMA3	Z	.002	.002	0	%100
7	PMA4	X	.003	.003	0	%100
8	PMA4	Z	.002	.002	0	%100
9	PMB1	X	.003	.003	%50	%100
10	PMB1	Z	.001	.001	%50	%100
11	PMB2	X	.003	.003	%62.5	%100
12	PMB2	Z	.001	.001	%62.5	%100
13	PMB3	X	.003	.003	0	%9.635
14	PMB3	Z	.001	.001	0	%9.635
15	PMB3	X	.003	.003	%40.365	%100
16	PMB3	Z	.001	.001	%40.365	%100
17	PMB4	X	.003	.003	%50	%100
18	PMB4	Z	.001	.001	%50	%100
19	PMC1	X	.003	.003	0	%100
20	PMC1	Z	.002	.002	0	%100
21	PMC2	X	.003	.003	0	%100
22	PMC2	Z	.002	.002	0	%100
23	PMC3	X	.003	.003	0	%100
24	PMC3	Z	.002	.002	0	%100
25	PMC4	X	.003	.003	0	%100
26	PMC4	Z	.002	.002	0	%100
27	S1	PX	.005	.005	0	%100
28	S1	PZ	.003	.003	0	%100
29	S2	PX	.004	.004	0	%100
30	S2	PZ	.002	.002	0	%100
31	S3	PX	.004	.004	0	%100
32	S3	PZ	.002	.002	0	%100
33	S4	PX	.005	.005	0	%100
34	S4	PZ	.003	.003	0	%100
35	S5	PX	.004	.004	0	%100
36	S5	PZ	.002	.002	0	%100
37	S6	PX	.004	.004	0	%100
38	S6	PZ	.002	.002	0	%100
39	S7	PX	.004	.004	0	%100
40	S7	PZ	.002	.002	0	%100
41	S8	PX	.004	.004	0	%100

Member Distributed Loads (BLC 17 : Wind 120 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
42	S8	PZ	.003	.003	0	%100
43	S9	PX	.004	.004	0	%100
44	S9	PZ	.003	.003	0	%100
45	K1	PX	.004	.004	0	%100
46	K1	PZ	.002	.002	0	%100
47	K2	PX	.004	.004	0	%100
48	K2	PZ	.002	.002	0	%100
49	K3	PX	.003	.003	0	%100
50	K3	PZ	.002	.002	0	%100
51	CB1	PX	.003	.003	0	%100
52	CB1	PZ	.002	.002	0	%100
53	CB2	PX	.003	.003	0	%100
54	CB2	PZ	.002	.002	0	%100
55	CB3	PX	.003	.003	0	%100
56	CB3	PZ	.002	.002	0	%100
57	G1	PX	.004	.004	0	%100
58	G1	PZ	.003	.003	0	%100
59	G2	PX	.003	.003	0	%100
60	G2	PZ	.002	.002	0	%100
61	G3	PX	.003	.003	0	%100
62	G3	PZ	.002	.002	0	%100
63	G4	PX	.004	.004	0	%100
64	G4	PZ	.003	.003	0	%100
65	G5	PX	.003	.003	0	%100
66	G5	PZ	.002	.002	0	%100
67	G6	PX	.003	.003	0	%100
68	G6	PZ	.002	.002	0	%100
69	C1	PX	.005	.005	0	%100
70	C1	PZ	.003	.003	0	%100
71	C2	PX	.005	.005	0	%100
72	C2	PZ	.003	.003	0	%100
73	C3	PX	.005	.005	0	%100
74	C3	PZ	.003	.003	0	%100
75	HRC	PX	.003	.003	0	%100
76	HRC	PZ	.002	.002	0	%100
77	HC	PX	.003	.003	0	%100
78	HC	PZ	.002	.002	0	%100
79	HRB	PX	.003	.003	0	%100
80	HRB	PZ	.002	.002	0	%100
81	HB	PX	.003	.003	0	%100
82	HB	PZ	.002	.002	0	%100
83	HRA	PX	.003	.003	0	%100
84	HRA	PZ	.002	.002	0	%100
85	HA	PX	.003	.003	0	%100
86	HA	PZ	.002	.002	0	%100

Member Distributed Loads (BLC 18 : Wind 150 Deg - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.002	.002	0	%100
2	PMA1	Z	.003	.003	0	%100
3	PMA2	X	.002	.002	0	%100

Member Distributed Loads (BLC 18 : Wind 150 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
4	PMA2	Z	.003	.003	0	%100
5	PMA3	X	.002	.002	0	%100
6	PMA3	Z	.003	.003	0	%100
7	PMA4	X	.002	.002	0	%100
8	PMA4	Z	.003	.003	0	%100
9	PMB1	X	.002	.002	0	%100
10	PMB1	Z	.003	.003	0	%100
11	PMB2	X	.002	.002	0	%100
12	PMB2	Z	.003	.003	0	%100
13	PMB3	X	.002	.002	0	%100
14	PMB3	Z	.003	.003	0	%100
15	PMB4	X	.002	.002	0	%100
16	PMB4	Z	.003	.003	0	%100
17	PMC1	X	.002	.002	0	%100
18	PMC1	Z	.003	.003	0	%100
19	PMC2	X	.002	.002	0	%100
20	PMC2	Z	.003	.003	0	%100
21	PMC3	X	.002	.002	0	%100
22	PMC3	Z	.003	.003	0	%100
23	PMC4	X	.002	.002	0	%100
24	PMC4	Z	.003	.003	0	%100
25	S1	PX	.002	.002	0	%100
26	S1	PZ	.004	.004	0	%100
27	S2	PX	.002	.002	0	%100
28	S2	PZ	.004	.004	0	%100
29	S3	PX	.002	.002	0	%100
30	S3	PZ	.004	.004	0	%100
31	S4	PX	.003	.003	0	%100
32	S4	PZ	.005	.005	0	%100
33	S5	PX	.002	.002	0	%100
34	S5	PZ	.004	.004	0	%100
35	S6	PX	.002	.002	0	%100
36	S6	PZ	.004	.004	0	%100
37	S7	PX	.002	.002	0	%100
38	S7	PZ	.004	.004	0	%100
39	S8	PX	.002	.002	0	%100
40	S8	PZ	.004	.004	0	%100
41	S9	PX	.002	.002	0	%100
42	S9	PZ	.004	.004	0	%100
43	K1	PX	.002	.002	0	%100
44	K1	PZ	.003	.003	0	%100
45	K2	PX	.002	.002	0	%100
46	K2	PZ	.004	.004	0	%100
47	K3	PX	.002	.002	0	%100
48	K3	PZ	.003	.003	0	%100
49	CB1	PX	.002	.002	0	%100
50	CB1	PZ	.003	.003	0	%100
51	CB2	PX	.002	.002	0	%100
52	CB2	PZ	.003	.003	0	%100
53	CB3	PX	.002	.002	0	%100
54	CB3	PZ	.003	.003	0	%100
55	G1	PX	.002	.002	0	%100

Member Distributed Loads (BLC 18 : Wind 150 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
56	G1	PZ	.004	.004	0	%100
57	G2	PX	.002	.002	0	%100
58	G2	PZ	.003	.003	0	%100
59	G3	PX	.002	.002	0	%100
60	G3	PZ	.004	.004	0	%100
61	G4	PX	.002	.002	0	%100
62	G4	PZ	.004	.004	0	%100
63	G5	PX	.002	.002	0	%100
64	G5	PZ	.003	.003	0	%100
65	G6	PX	.002	.002	0	%100
66	G6	PZ	.004	.004	0	%100
67	C1	PX	.003	.003	0	%100
68	C1	PZ	.005	.005	0	%100
69	C2	PX	.003	.003	0	%100
70	C2	PZ	.005	.005	0	%100
71	C3	PX	.003	.003	0	%100
72	C3	PZ	.005	.005	0	%100
73	HRC	PX	.000948	.000948	0	%100
74	HRC	PZ	.002	.002	0	%100
75	HC	PX	.001	.001	0	%100
76	HC	PZ	.002	.002	0	%100
77	HRB	PX	.002	.002	0	%100
78	HRB	PZ	.003	.003	0	%100
79	HB	PX	.002	.002	0	%100
80	HB	PZ	.003	.003	0	%100
81	HRA	PX	.002	.002	0	%100
82	HRA	PZ	.003	.003	0	%100
83	HA	PX	.002	.002	0	%100
84	HA	PZ	.003	.003	0	%100

Member Distributed Loads (BLC 19 : Wind 180 Deg - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	Z	.003	.003	%50	%100
2	PMA2	Z	.003	.003	%62.5	%100
3	PMA3	Z	.003	.003	0	%9.635
4	PMA3	Z	.003	.003	%40.365	%100
5	PMA4	Z	.003	.003	%50	%100
6	PMB1	Z	.004	.004	0	%100
7	PMB2	Z	.004	.004	0	%100
8	PMB3	Z	.004	.004	0	%100
9	PMB4	Z	.004	.004	0	%100
10	PMC1	Z	.004	.004	0	%100
11	PMC2	Z	.004	.004	0	%100
12	PMC3	Z	.004	.004	0	%100
13	PMC4	Z	.004	.004	0	%100
14	S1	PZ	.004	.004	0	%100
15	S2	PZ	.005	.005	0	%100
16	S3	PZ	.005	.005	0	%100
17	S4	PZ	.006	.006	0	%100
18	S5	PZ	.004	.004	0	%100
19	S6	PZ	.004	.004	0	%100

Member Distributed Loads (BLC 19 : Wind 180 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
20	S7	PZ	.006	.006	0	%100
21	S8	PZ	.004	.004	0	%100
22	S9	PZ	.004	.004	0	%100
23	K1	PZ	.003	.003	0	%100
24	K2	PZ	.005	.005	0	%100
25	K3	PZ	.005	.005	0	%100
26	CB1	PZ	.003	.003	0	%100
27	CB2	PZ	.004	.004	0	%100
28	CB3	PZ	.003	.003	0	%100
29	G1	PZ	.004	.004	0	%100
30	G2	PZ	.004	.004	0	%100
31	G3	PZ	.005	.005	0	%100
32	G4	PZ	.004	.004	0	%100
33	G5	PZ	.004	.004	0	%100
34	G6	PZ	.005	.005	0	%100
35	C1	PZ	.005	.005	0	%100
36	C2	PZ	.005	.005	0	%100
37	C3	PZ	.005	.005	0	%100
38	HRC	PZ	.003	.003	0	%100
39	HC	PZ	.004	.004	0	%100
40	HRB	PZ	.003	.003	0	%100
41	HB	PZ	.004	.004	0	%100
42	HRA	PZ	.003	.003	0	%100
43	HA	PZ	.004	.004	0	%100

Member Distributed Loads (BLC 20 : Wind 210 Deg - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.002	-.002	0	%100
2	PMA1	Z	.003	.003	0	%100
3	PMA2	X	-.002	-.002	0	%100
4	PMA2	Z	.003	.003	0	%100
5	PMA3	X	-.002	-.002	0	%100
6	PMA3	Z	.003	.003	0	%100
7	PMA4	X	-.002	-.002	0	%100
8	PMA4	Z	.003	.003	0	%100
9	PMB1	X	-.002	-.002	0	%100
10	PMB1	Z	.003	.003	0	%100
11	PMB2	X	-.002	-.002	0	%100
12	PMB2	Z	.003	.003	0	%100
13	PMB3	X	-.002	-.002	0	%100
14	PMB3	Z	.003	.003	0	%100
15	PMB4	X	-.002	-.002	0	%100
16	PMB4	Z	.003	.003	0	%100
17	PMC1	X	-.002	-.002	0	%100
18	PMC1	Z	.003	.003	0	%100
19	PMC2	X	-.002	-.002	0	%100
20	PMC2	Z	.003	.003	0	%100
21	PMC3	X	-.002	-.002	0	%100
22	PMC3	Z	.003	.003	0	%100
23	PMC4	X	-.002	-.002	0	%100
24	PMC4	Z	.003	.003	0	%100

Member Distributed Loads (BLC 20 : Wind 210 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
25	S1	PX	-.002	-.002	0	%100
26	S1	PZ	.004	.004	0	%100
27	S2	PX	-.002	-.002	0	%100
28	S2	PZ	.004	.004	0	%100
29	S3	PX	-.002	-.002	0	%100
30	S3	PZ	.004	.004	0	%100
31	S4	PX	-.002	-.002	0	%100
32	S4	PZ	.004	.004	0	%100
33	S5	PX	-.002	-.002	0	%100
34	S5	PZ	.004	.004	0	%100
35	S6	PX	-.002	-.002	0	%100
36	S6	PZ	.004	.004	0	%100
37	S7	PX	-.003	-.003	0	%100
38	S7	PZ	.005	.005	0	%100
39	S8	PX	-.002	-.002	0	%100
40	S8	PZ	.004	.004	0	%100
41	S9	PX	-.002	-.002	0	%100
42	S9	PZ	.004	.004	0	%100
43	K1	PX	-.002	-.002	0	%100
44	K1	PZ	.003	.003	0	%100
45	K2	PX	-.002	-.002	0	%100
46	K2	PZ	.003	.003	0	%100
47	K3	PX	-.002	-.002	0	%100
48	K3	PZ	.004	.004	0	%100
49	CB1	PX	-.002	-.002	0	%100
50	CB1	PZ	.003	.003	0	%100
51	CB2	PX	-.002	-.002	0	%100
52	CB2	PZ	.003	.003	0	%100
53	CB3	PX	-.002	-.002	0	%100
54	CB3	PZ	.003	.003	0	%100
55	G1	PX	-.002	-.002	0	%100
56	G1	PZ	.003	.003	0	%100
57	G2	PX	-.002	-.002	0	%100
58	G2	PZ	.004	.004	0	%100
59	G3	PX	-.002	-.002	0	%100
60	G3	PZ	.004	.004	0	%100
61	G4	PX	-.002	-.002	0	%100
62	G4	PZ	.003	.003	0	%100
63	G5	PX	-.002	-.002	0	%100
64	G5	PZ	.004	.004	0	%100
65	G6	PX	-.002	-.002	0	%100
66	G6	PZ	.004	.004	0	%100
67	C1	PX	-.003	-.003	0	%100
68	C1	PZ	.005	.005	0	%100
69	C2	PX	-.003	-.003	0	%100
70	C2	PZ	.005	.005	0	%100
71	C3	PX	-.003	-.003	0	%100
72	C3	PZ	.005	.005	0	%100
73	HRC	PX	-.002	-.002	0	%100
74	HRC	PZ	.003	.003	0	%100
75	HC	PX	-.002	-.002	0	%100
76	HC	PZ	.003	.003	0	%100

Member Distributed Loads (BLC 20 : Wind 210 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
77	HRB	PX	-.000948	-.000948	0	%100
78	HRB	PZ	.002	.002	0	%100
79	HB	PX	-.001	-.001	0	%100
80	HB	PZ	.002	.002	0	%100
81	HRA	PX	-.002	-.002	0	%100
82	HRA	PZ	.003	.003	0	%100
83	HA	PX	-.002	-.002	0	%100
84	HA	PZ	.003	.003	0	%100

Member Distributed Loads (BLC 21 : Wind 240 Deg - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.003	-.003	0	%100
2	PMA1	Z	.002	.002	0	%100
3	PMA2	X	-.003	-.003	0	%100
4	PMA2	Z	.002	.002	0	%100
5	PMA3	X	-.003	-.003	0	%100
6	PMA3	Z	.002	.002	0	%100
7	PMA4	X	-.003	-.003	0	%100
8	PMA4	Z	.002	.002	0	%100
9	PMB1	X	-.003	-.003	0	%100
10	PMB1	Z	.002	.002	0	%100
11	PMB2	X	-.003	-.003	0	%100
12	PMB2	Z	.002	.002	0	%100
13	PMB3	X	-.003	-.003	0	%100
14	PMB3	Z	.002	.002	0	%100
15	PMB4	X	-.003	-.003	0	%100
16	PMB4	Z	.002	.002	0	%100
17	PMC1	X	-.003	-.003	%50	%100
18	PMC1	Z	.001	.001	%50	%100
19	PMC2	X	-.003	-.003	%62.5	%100
20	PMC2	Z	.001	.001	%62.5	%100
21	PMC3	X	-.003	-.003	0	%9.635
22	PMC3	Z	.001	.001	0	%9.635
23	PMC3	X	-.003	-.003	%40.365	%100
24	PMC3	Z	.001	.001	%40.365	%100
25	PMC4	X	-.003	-.003	%50	%100
26	PMC4	Z	.001	.001	%50	%100
27	S1	PX	-.005	-.005	0	%100
28	S1	PZ	.003	.003	0	%100
29	S2	PX	-.004	-.004	0	%100
30	S2	PZ	.002	.002	0	%100
31	S3	PX	-.004	-.004	0	%100
32	S3	PZ	.002	.002	0	%100
33	S4	PX	-.004	-.004	0	%100
34	S4	PZ	.002	.002	0	%100
35	S5	PX	-.004	-.004	0	%100
36	S5	PZ	.003	.003	0	%100
37	S6	PX	-.004	-.004	0	%100
38	S6	PZ	.003	.003	0	%100
39	S7	PX	-.005	-.005	0	%100
40	S7	PZ	.003	.003	0	%100

Member Distributed Loads (BLC 21 : Wind 240 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
41	S8	PX	-.004	-.004	0	%100
42	S8	PZ	.002	.002	0	%100
43	S9	PX	-.004	-.004	0	%100
44	S9	PZ	.002	.002	0	%100
45	K1	PX	-.004	-.004	0	%100
46	K1	PZ	.002	.002	0	%100
47	K2	PX	-.003	-.003	0	%100
48	K2	PZ	.002	.002	0	%100
49	K3	PX	-.004	-.004	0	%100
50	K3	PZ	.002	.002	0	%100
51	CB1	PX	-.003	-.003	0	%100
52	CB1	PZ	.002	.002	0	%100
53	CB2	PX	-.003	-.003	0	%100
54	CB2	PZ	.002	.002	0	%100
55	CB3	PX	-.003	-.003	0	%100
56	CB3	PZ	.002	.002	0	%100
57	G1	PX	-.003	-.003	0	%100
58	G1	PZ	.002	.002	0	%100
59	G2	PX	-.004	-.004	0	%100
60	G2	PZ	.003	.003	0	%100
61	G3	PX	-.003	-.003	0	%100
62	G3	PZ	.002	.002	0	%100
63	G4	PX	-.003	-.003	0	%100
64	G4	PZ	.002	.002	0	%100
65	G5	PX	-.004	-.004	0	%100
66	G5	PZ	.003	.003	0	%100
67	G6	PX	-.003	-.003	0	%100
68	G6	PZ	.002	.002	0	%100
69	C1	PX	-.005	-.005	0	%100
70	C1	PZ	.003	.003	0	%100
71	C2	PX	-.005	-.005	0	%100
72	C2	PZ	.003	.003	0	%100
73	C3	PX	-.005	-.005	0	%100
74	C3	PZ	.003	.003	0	%100
75	HRC	PX	-.003	-.003	0	%100
76	HRC	PZ	.002	.002	0	%100
77	HC	PX	-.003	-.003	0	%100
78	HC	PZ	.002	.002	0	%100
79	HRB	PX	-.003	-.003	0	%100
80	HRB	PZ	.002	.002	0	%100
81	HB	PX	-.003	-.003	0	%100
82	HB	PZ	.002	.002	0	%100
83	HRA	PX	-.003	-.003	0	%100
84	HRA	PZ	.002	.002	0	%100
85	HA	PX	-.003	-.003	0	%100
86	HA	PZ	.002	.002	0	%100

Member Distributed Loads (BLC 22 : Wind 270 Deg - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.004	-.004	0	%100
2	PMA2	X	-.004	-.004	0	%100

Member Distributed Loads (BLC 22 : Wind 270 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
3	PMA3	X	-.004	-.004	0	%100
4	PMA4	X	-.004	-.004	0	%100
5	PMB1	X	-.004	-.004	0	%100
6	PMB2	X	-.004	-.004	0	%100
7	PMB3	X	-.004	-.004	0	%100
8	PMB4	X	-.004	-.004	0	%100
9	PMC1	X	-.004	-.004	0	%100
10	PMC2	X	-.004	-.004	0	%100
11	PMC3	X	-.004	-.004	0	%100
12	PMC4	X	-.004	-.004	0	%100
13	S1	PX	-.006	-.006	0	%100
14	S2	PX	-.004	-.004	0	%100
15	S3	PX	-.004	-.004	0	%100
16	S4	PX	-.005	-.005	0	%100
17	S5	PX	-.005	-.005	0	%100
18	S6	PX	-.005	-.005	0	%100
19	S7	PX	-.005	-.005	0	%100
20	S8	PX	-.005	-.005	0	%100
21	S9	PX	-.005	-.005	0	%100
22	K1	PX	-.005	-.005	0	%100
23	K2	PX	-.004	-.004	0	%100
24	K3	PX	-.004	-.004	0	%100
25	CB1	PX	-.004	-.004	0	%100
26	CB2	PX	-.003	-.003	0	%100
27	CB3	PX	-.004	-.004	0	%100
28	G1	PX	-.005	-.005	0	%100
29	G2	PX	-.005	-.005	0	%100
30	G3	PX	-.003	-.003	0	%100
31	G4	PX	-.005	-.005	0	%100
32	G5	PX	-.005	-.005	0	%100
33	G6	PX	-.003	-.003	0	%100
34	C1	PX	-.005	-.005	0	%100
35	C2	PX	-.005	-.005	0	%100
36	C3	PX	-.005	-.005	0	%100
37	HRC	PX	-.003	-.003	0	%100
38	HC	PX	-.004	-.004	0	%100
39	HRB	PX	-.003	-.003	0	%100
40	HB	PX	-.004	-.004	0	%100
41	HRA	PX	-.002	-.002	0	%100
42	HA	PX	-.002	-.002	0	%100

Member Distributed Loads (BLC 23 : Wind 300 Deg - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.003	-.003	0	%100
2	PMA1	Z	-.002	-.002	0	%100
3	PMA2	X	-.003	-.003	0	%100
4	PMA2	Z	-.002	-.002	0	%100
5	PMA3	X	-.003	-.003	0	%100
6	PMA3	Z	-.002	-.002	0	%100
7	PMA4	X	-.003	-.003	0	%100
8	PMA4	Z	-.002	-.002	0	%100

Member Distributed Loads (BLC 23 : Wind 300 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
9	PMB1	X	-.003	-.003	%50	%100
10	PMB1	Z	-.001	-.001	%50	%100
11	PMB2	X	-.003	-.003	%62.5	%100
12	PMB2	Z	-.001	-.001	%62.5	%100
13	PMB3	X	-.003	-.003	0	%9.635
14	PMB3	Z	-.001	-.001	0	%9.635
15	PMB3	X	-.003	-.003	%40.365	%100
16	PMB3	Z	-.001	-.001	%40.365	%100
17	PMB4	X	-.003	-.003	%50	%100
18	PMB4	Z	-.001	-.001	%50	%100
19	PMC1	X	-.003	-.003	0	%100
20	PMC1	Z	-.002	-.002	0	%100
21	PMC2	X	-.003	-.003	0	%100
22	PMC2	Z	-.002	-.002	0	%100
23	PMC3	X	-.003	-.003	0	%100
24	PMC3	Z	-.002	-.002	0	%100
25	PMC4	X	-.003	-.003	0	%100
26	PMC4	Z	-.002	-.002	0	%100
27	S1	PX	-.005	-.005	0	%100
28	S1	PZ	-.003	-.003	0	%100
29	S2	PX	-.004	-.004	0	%100
30	S2	PZ	-.002	-.002	0	%100
31	S3	PX	-.004	-.004	0	%100
32	S3	PZ	-.002	-.002	0	%100
33	S4	PX	-.005	-.005	0	%100
34	S4	PZ	-.003	-.003	0	%100
35	S5	PX	-.004	-.004	0	%100
36	S5	PZ	-.002	-.002	0	%100
37	S6	PX	-.004	-.004	0	%100
38	S6	PZ	-.002	-.002	0	%100
39	S7	PX	-.004	-.004	0	%100
40	S7	PZ	-.002	-.002	0	%100
41	S8	PX	-.004	-.004	0	%100
42	S8	PZ	-.003	-.003	0	%100
43	S9	PX	-.004	-.004	0	%100
44	S9	PZ	-.003	-.003	0	%100
45	K1	PX	-.004	-.004	0	%100
46	K1	PZ	-.002	-.002	0	%100
47	K2	PX	-.004	-.004	0	%100
48	K2	PZ	-.002	-.002	0	%100
49	K3	PX	-.003	-.003	0	%100
50	K3	PZ	-.002	-.002	0	%100
51	CB1	PX	-.003	-.003	0	%100
52	CB1	PZ	-.002	-.002	0	%100
53	CB2	PX	-.003	-.003	0	%100
54	CB2	PZ	-.002	-.002	0	%100
55	CB3	PX	-.003	-.003	0	%100
56	CB3	PZ	-.002	-.002	0	%100
57	G1	PX	-.004	-.004	0	%100
58	G1	PZ	-.003	-.003	0	%100
59	G2	PX	-.003	-.003	0	%100
60	G2	PZ	-.002	-.002	0	%100

Member Distributed Loads (BLC 23 : Wind 300 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
61	G3	PX	-.003	-.003	0	%100
62	G3	PZ	-.002	-.002	0	%100
63	G4	PX	-.004	-.004	0	%100
64	G4	PZ	-.003	-.003	0	%100
65	G5	PX	-.003	-.003	0	%100
66	G5	PZ	-.002	-.002	0	%100
67	G6	PX	-.003	-.003	0	%100
68	G6	PZ	-.002	-.002	0	%100
69	C1	PX	-.005	-.005	0	%100
70	C1	PZ	-.003	-.003	0	%100
71	C2	PX	-.005	-.005	0	%100
72	C2	PZ	-.003	-.003	0	%100
73	C3	PX	-.005	-.005	0	%100
74	C3	PZ	-.003	-.003	0	%100
75	HRC	PX	-.003	-.003	0	%100
76	HRC	PZ	-.002	-.002	0	%100
77	HC	PX	-.003	-.003	0	%100
78	HC	PZ	-.002	-.002	0	%100
79	HRB	PX	-.003	-.003	0	%100
80	HRB	PZ	-.002	-.002	0	%100
81	HB	PX	-.003	-.003	0	%100
82	HB	PZ	-.002	-.002	0	%100
83	HRA	PX	-.003	-.003	0	%100
84	HRA	PZ	-.002	-.002	0	%100
85	HA	PX	-.003	-.003	0	%100
86	HA	PZ	-.002	-.002	0	%100

Member Distributed Loads (BLC 24 : Wind 330 Deg - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.002	-.002	0	%100
2	PMA1	Z	-.003	-.003	0	%100
3	PMA2	X	-.002	-.002	0	%100
4	PMA2	Z	-.003	-.003	0	%100
5	PMA3	X	-.002	-.002	0	%100
6	PMA3	Z	-.003	-.003	0	%100
7	PMA4	X	-.002	-.002	0	%100
8	PMA4	Z	-.003	-.003	0	%100
9	PMB1	X	-.002	-.002	0	%100
10	PMB1	Z	-.003	-.003	0	%100
11	PMB2	X	-.002	-.002	0	%100
12	PMB2	Z	-.003	-.003	0	%100
13	PMB3	X	-.002	-.002	0	%100
14	PMB3	Z	-.003	-.003	0	%100
15	PMB4	X	-.002	-.002	0	%100
16	PMB4	Z	-.003	-.003	0	%100
17	PMC1	X	-.002	-.002	0	%100
18	PMC1	Z	-.003	-.003	0	%100
19	PMC2	X	-.002	-.002	0	%100
20	PMC2	Z	-.003	-.003	0	%100
21	PMC3	X	-.002	-.002	0	%100
22	PMC3	Z	-.003	-.003	0	%100

Member Distributed Loads (BLC 24 : Wind 330 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
23	PMC4	X	-.002	-.002	0	%100
24	PMC4	Z	-.003	-.003	0	%100
25	S1	PX	-.002	-.002	0	%100
26	S1	PZ	-.004	-.004	0	%100
27	S2	PX	-.002	-.002	0	%100
28	S2	PZ	-.004	-.004	0	%100
29	S3	PX	-.002	-.002	0	%100
30	S3	PZ	-.004	-.004	0	%100
31	S4	PX	-.003	-.003	0	%100
32	S4	PZ	-.005	-.005	0	%100
33	S5	PX	-.002	-.002	0	%100
34	S5	PZ	-.004	-.004	0	%100
35	S6	PX	-.002	-.002	0	%100
36	S6	PZ	-.004	-.004	0	%100
37	S7	PX	-.002	-.002	0	%100
38	S7	PZ	-.004	-.004	0	%100
39	S8	PX	-.002	-.002	0	%100
40	S8	PZ	-.004	-.004	0	%100
41	S9	PX	-.002	-.002	0	%100
42	S9	PZ	-.004	-.004	0	%100
43	K1	PX	-.002	-.002	0	%100
44	K1	PZ	-.003	-.003	0	%100
45	K2	PX	-.002	-.002	0	%100
46	K2	PZ	-.004	-.004	0	%100
47	K3	PX	-.002	-.002	0	%100
48	K3	PZ	-.003	-.003	0	%100
49	CB1	PX	-.002	-.002	0	%100
50	CB1	PZ	-.003	-.003	0	%100
51	CB2	PX	-.002	-.002	0	%100
52	CB2	PZ	-.003	-.003	0	%100
53	CB3	PX	-.002	-.002	0	%100
54	CB3	PZ	-.003	-.003	0	%100
55	G1	PX	-.002	-.002	0	%100
56	G1	PZ	-.004	-.004	0	%100
57	G2	PX	-.002	-.002	0	%100
58	G2	PZ	-.003	-.003	0	%100
59	G3	PX	-.002	-.002	0	%100
60	G3	PZ	-.004	-.004	0	%100
61	G4	PX	-.002	-.002	0	%100
62	G4	PZ	-.004	-.004	0	%100
63	G5	PX	-.002	-.002	0	%100
64	G5	PZ	-.003	-.003	0	%100
65	G6	PX	-.002	-.002	0	%100
66	G6	PZ	-.004	-.004	0	%100
67	C1	PX	-.003	-.003	0	%100
68	C1	PZ	-.005	-.005	0	%100
69	C2	PX	-.003	-.003	0	%100
70	C2	PZ	-.005	-.005	0	%100
71	C3	PX	-.003	-.003	0	%100
72	C3	PZ	-.005	-.005	0	%100
73	HRC	PX	-.000948	-.000948	0	%100
74	HRC	PZ	-.002	-.002	0	%100

Member Distributed Loads (BLC 24 : Wind 330 Deg - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
75	HC	PX	-.001	-.001	0	%100
76	HC	PZ	-.002	-.002	0	%100
77	HRB	PX	-.002	-.002	0	%100
78	HRB	PZ	-.003	-.003	0	%100
79	HB	PX	-.002	-.002	0	%100
80	HB	PZ	-.003	-.003	0	%100
81	HRA	PX	-.002	-.002	0	%100
82	HRA	PZ	-.003	-.003	0	%100
83	HA	PX	-.002	-.002	0	%100
84	HA	PZ	-.003	-.003	0	%100

Member Distributed Loads (BLC 25 : Wind 0 Deg - Maintenance)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	Z	-.000485	-.000485	%50	%100
2	PMA2	Z	-.000485	-.000485	%62.5	%100
3	PMA3	Z	-.000485	-.000485	0	%9.635
4	PMA3	Z	-.000485	-.000485	%40.365	%100
5	PMA4	Z	-.000485	-.000485	%50	%100
6	PMB1	Z	-.000582	-.000582	0	%100
7	PMB2	Z	-.000582	-.000582	0	%100
8	PMB3	Z	-.000582	-.000582	0	%100
9	PMB4	Z	-.000582	-.000582	0	%100
10	PMC1	Z	-.000582	-.000582	0	%100
11	PMC2	Z	-.000582	-.000582	0	%100
12	PMC3	Z	-.000582	-.000582	0	%100
13	PMC4	Z	-.000582	-.000582	0	%100
14	S1	PZ	-.00081	-.00081	0	%100
15	S2	PZ	-.000983	-.000983	0	%100
16	S3	PZ	-.000983	-.000983	0	%100
17	S4	PZ	-.001	-.001	0	%100
18	S5	PZ	-.000865	-.000865	0	%100
19	S6	PZ	-.000865	-.000865	0	%100
20	S7	PZ	-.001	-.001	0	%100
21	S8	PZ	-.000865	-.000865	0	%100
22	S9	PZ	-.000865	-.000865	0	%100
23	K1	PZ	-.000507	-.000507	0	%100
24	K2	PZ	-.000702	-.000702	0	%100
25	K3	PZ	-.000702	-.000702	0	%100
26	CB1	PZ	-.000527	-.000527	0	%100
27	CB2	PZ	-.000594	-.000594	0	%100
28	CB3	PZ	-.000527	-.000527	0	%100
29	G1	PZ	-.000537	-.000537	0	%100
30	G2	PZ	-.000537	-.000537	0	%100
31	G3	PZ	-.000675	-.000675	0	%100
32	G4	PZ	-.000538	-.000538	0	%100
33	G5	PZ	-.000538	-.000538	0	%100
34	G6	PZ	-.000675	-.000675	0	%100
35	C1	PZ	-.001	-.001	0	%100
36	C2	PZ	-.001	-.001	0	%100
37	C3	PZ	-.001	-.001	0	%100
38	HRC	PZ	-.000481	-.000481	0	%100

Member Distributed Loads (BLC 25 : Wind 0 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
39	HC	PZ	-.000662	-.000662	0	%100
40	HRB	PZ	-.000481	-.000481	0	%100
41	HB	PZ	-.000662	-.000662	0	%100
42	HRA	PZ	-.000481	-.000481	0	%100
43	HA	PZ	-.000709	-.000709	0	%100

Member Distributed Loads (BLC 26 : Wind 30 Deg - Maintenance)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.000291	.000291	0	%100
2	PMA1	Z	-.000504	-.000504	0	%100
3	PMA2	X	.000291	.000291	0	%100
4	PMA2	Z	-.000504	-.000504	0	%100
5	PMA3	X	.000291	.000291	0	%100
6	PMA3	Z	-.000504	-.000504	0	%100
7	PMA4	X	.000291	.000291	0	%100
8	PMA4	Z	-.000504	-.000504	0	%100
9	PMB1	X	.000291	.000291	0	%100
10	PMB1	Z	-.000504	-.000504	0	%100
11	PMB2	X	.000291	.000291	0	%100
12	PMB2	Z	-.000504	-.000504	0	%100
13	PMB3	X	.000291	.000291	0	%100
14	PMB3	Z	-.000504	-.000504	0	%100
15	PMB4	X	.000291	.000291	0	%100
16	PMB4	Z	-.000504	-.000504	0	%100
17	PMC1	X	.000291	.000291	0	%100
18	PMC1	Z	-.000504	-.000504	0	%100
19	PMC2	X	.000291	.000291	0	%100
20	PMC2	Z	-.000504	-.000504	0	%100
21	PMC3	X	.000291	.000291	0	%100
22	PMC3	Z	-.000504	-.000504	0	%100
23	PMC4	X	.000291	.000291	0	%100
24	PMC4	Z	-.000504	-.000504	0	%100
25	S1	PX	.000482	.000482	0	%100
26	S1	PZ	-.000835	-.000835	0	%100
27	S2	PX	.000478	.000478	0	%100
28	S2	PZ	-.000829	-.000829	0	%100
29	S3	PX	.000478	.000478	0	%100
30	S3	PZ	-.000829	-.000829	0	%100
31	S4	PX	.000482	.000482	0	%100
32	S4	PZ	-.000835	-.000835	0	%100
33	S5	PX	.000478	.000478	0	%100
34	S5	PZ	-.000829	-.000829	0	%100
35	S6	PX	.000478	.000478	0	%100
36	S6	PZ	-.000829	-.000829	0	%100
37	S7	PX	.00057	.00057	0	%100
38	S7	PZ	-.000987	-.000987	0	%100
39	S8	PX	.000405	.000405	0	%100
40	S8	PZ	-.000702	-.000702	0	%100
41	S9	PX	.000405	.000405	0	%100
42	S9	PZ	-.000702	-.000702	0	%100
43	K1	PX	.000307	.000307	0	%100

Member Distributed Loads (BLC 26 : Wind 30 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
44	K1	PZ	-.000531	-.000531	0	%100
45	K2	PX	.000307	.000307	0	%100
46	K2	PZ	-.000531	-.000531	0	%100
47	K3	PX	.000367	.000367	0	%100
48	K3	PZ	-.000636	-.000636	0	%100
49	CB1	PX	.000288	.000288	0	%100
50	CB1	PZ	-.0005	-.0005	0	%100
51	CB2	PX	.000288	.000288	0	%100
52	CB2	PZ	-.0005	-.0005	0	%100
53	CB3	PX	.000253	.000253	0	%100
54	CB3	PZ	-.000439	-.000439	0	%100
55	G1	PX	.000203	.000203	0	%100
56	G1	PZ	-.000351	-.000351	0	%100
57	G2	PX	.000321	.000321	0	%100
58	G2	PZ	-.000556	-.000556	0	%100
59	G3	PX	.000321	.000321	0	%100
60	G3	PZ	-.000557	-.000557	0	%100
61	G4	PX	.000203	.000203	0	%100
62	G4	PZ	-.000351	-.000351	0	%100
63	G5	PX	.000321	.000321	0	%100
64	G5	PZ	-.000557	-.000557	0	%100
65	G6	PX	.000321	.000321	0	%100
66	G6	PZ	-.000557	-.000557	0	%100
67	C1	PX	.000611	.000611	0	%100
68	C1	PZ	-.001	-.001	0	%100
69	C2	PX	.000611	.000611	0	%100
70	C2	PZ	-.001	-.001	0	%100
71	C3	PX	.000608	.000608	0	%100
72	C3	PZ	-.001	-.001	0	%100
73	HRC	PX	.000241	.000241	0	%100
74	HRC	PZ	-.000417	-.000417	0	%100
75	HC	PX	.000355	.000355	0	%100
76	HC	PZ	-.000614	-.000614	0	%100
77	HRB	PX	.00014	.00014	0	%100
78	HRB	PZ	-.000243	-.000243	0	%100
79	HB	PX	.000207	.000207	0	%100
80	HB	PZ	-.000358	-.000358	0	%100
81	HRA	PX	.000241	.000241	0	%100
82	HRA	PZ	-.000417	-.000417	0	%100
83	HA	PX	.000355	.000355	0	%100
84	HA	PZ	-.000614	-.000614	0	%100

Member Distributed Loads (BLC 27 : Wind 60 Deg - Maintenance)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.000504	.000504	0	%100
2	PMA1	Z	-.000291	-.000291	0	%100
3	PMA2	X	.000504	.000504	0	%100
4	PMA2	Z	-.000291	-.000291	0	%100
5	PMA3	X	.000504	.000504	0	%100
6	PMA3	Z	-.000291	-.000291	0	%100
7	PMA4	X	.000504	.000504	0	%100

Member Distributed Loads (BLC 27 : Wind 60 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
8	PMA4	Z	-.000291	-.000291	0	%100
9	PMB1	X	.000504	.000504	0	%100
10	PMB1	Z	-.000291	-.000291	0	%100
11	PMB2	X	.000504	.000504	0	%100
12	PMB2	Z	-.000291	-.000291	0	%100
13	PMB3	X	.000504	.000504	0	%100
14	PMB3	Z	-.000291	-.000291	0	%100
15	PMB4	X	.000504	.000504	0	%100
16	PMB4	Z	-.000291	-.000291	0	%100
17	PMC1	X	.00042	.00042	%50	%100
18	PMC1	Z	-.000243	-.000243	%50	%100
19	PMC2	X	.00042	.00042	%62.5	%100
20	PMC2	Z	-.000243	-.000243	%62.5	%100
21	PMC3	X	.00042	.00042	0	%9.635
22	PMC3	Z	-.000243	-.000243	0	%9.635
23	PMC3	X	.00042	.00042	%40.365	%100
24	PMC3	Z	-.000243	-.000243	%40.365	%100
25	PMC4	X	.00042	.00042	%50	%100
26	PMC4	Z	-.000243	-.000243	%50	%100
27	S1	PX	.000946	.000946	0	%100
28	S1	PZ	-.000546	-.000546	0	%100
29	S2	PX	.000749	.000749	0	%100
30	S2	PZ	-.000433	-.000433	0	%100
31	S3	PX	.000749	.000749	0	%100
32	S3	PZ	-.000433	-.000433	0	%100
33	S4	PX	.000702	.000702	0	%100
34	S4	PZ	-.000405	-.000405	0	%100
35	S5	PX	.000851	.000851	0	%100
36	S5	PZ	-.000491	-.000491	0	%100
37	S6	PX	.000851	.000851	0	%100
38	S6	PZ	-.000491	-.000491	0	%100
39	S7	PX	.000946	.000946	0	%100
40	S7	PZ	-.000546	-.000546	0	%100
41	S8	PX	.000749	.000749	0	%100
42	S8	PZ	-.000433	-.000433	0	%100
43	S9	PX	.000749	.000749	0	%100
44	S9	PZ	-.000433	-.000433	0	%100
45	K1	PX	.000608	.000608	0	%100
46	K1	PZ	-.000351	-.000351	0	%100
47	K2	PX	.000439	.000439	0	%100
48	K2	PZ	-.000253	-.000253	0	%100
49	K3	PX	.000608	.000608	0	%100
50	K3	PZ	-.000351	-.000351	0	%100
51	CB1	PX	.000515	.000515	0	%100
52	CB1	PZ	-.000297	-.000297	0	%100
53	CB2	PX	.000457	.000457	0	%100
54	CB2	PZ	-.000264	-.000264	0	%100
55	CB3	PX	.000457	.000457	0	%100
56	CB3	PZ	-.000264	-.000264	0	%100
57	G1	PX	.000466	.000466	0	%100
58	G1	PZ	-.000269	-.000269	0	%100
59	G2	PX	.000585	.000585	0	%100

Member Distributed Loads (BLC 27 : Wind 60 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
60	G2	PZ	-.000338	-.000338	0	%100
61	G3	PX	.000466	.000466	0	%100
62	G3	PZ	-.000269	-.000269	0	%100
63	G4	PX	.000465	.000465	0	%100
64	G4	PZ	-.000269	-.000269	0	%100
65	G5	PX	.000585	.000585	0	%100
66	G5	PZ	-.000338	-.000338	0	%100
67	G6	PX	.000466	.000466	0	%100
68	G6	PZ	-.000269	-.000269	0	%100
69	C1	PX	.001	.001	0	%100
70	C1	PZ	-.000608	-.000608	0	%100
71	C2	PX	.001	.001	0	%100
72	C2	PZ	-.00062	-.00062	0	%100
73	C3	PX	.001	.001	0	%100
74	C3	PZ	-.000608	-.000608	0	%100
75	HRC	PX	.000417	.000417	0	%100
76	HRC	PZ	-.000241	-.000241	0	%100
77	HC	PX	.000614	.000614	0	%100
78	HC	PZ	-.000355	-.000355	0	%100
79	HRB	PX	.000417	.000417	0	%100
80	HRB	PZ	-.000241	-.000241	0	%100
81	HB	PX	.000574	.000574	0	%100
82	HB	PZ	-.000331	-.000331	0	%100
83	HRA	PX	.000417	.000417	0	%100
84	HRA	PZ	-.000241	-.000241	0	%100
85	HA	PX	.000574	.000574	0	%100
86	HA	PZ	-.000331	-.000331	0	%100

Member Distributed Loads (BLC 28 : Wind 90 Deg - Maintenance)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.000582	.000582	0	%100
2	PMA2	X	.000582	.000582	0	%100
3	PMA3	X	.000582	.000582	0	%100
4	PMA4	X	.000582	.000582	0	%100
5	PMB1	X	.000582	.000582	0	%100
6	PMB2	X	.000582	.000582	0	%100
7	PMB3	X	.000582	.000582	0	%100
8	PMB4	X	.000582	.000582	0	%100
9	PMC1	X	.000582	.000582	0	%100
10	PMC2	X	.000582	.000582	0	%100
11	PMC3	X	.000582	.000582	0	%100
12	PMC4	X	.000582	.000582	0	%100
13	S1	PX	.001	.001	0	%100
14	S2	PX	.00081	.00081	0	%100
15	S3	PX	.00081	.00081	0	%100
16	S4	PX	.000964	.000964	0	%100
17	S5	PX	.000957	.000957	0	%100
18	S6	PX	.000957	.000957	0	%100
19	S7	PX	.000964	.000964	0	%100
20	S8	PX	.000957	.000957	0	%100
21	S9	PX	.000957	.000957	0	%100

Member Distributed Loads (BLC 28 : Wind 90 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
22	K1	PX	.000734	.000734	0	%100
23	K2	PX	.000613	.000613	0	%100
24	K3	PX	.000613	.000613	0	%100
25	CB1	PX	.000577	.000577	0	%100
26	CB2	PX	.000507	.000507	0	%100
27	CB3	PX	.000577	.000577	0	%100
28	G1	PX	.000643	.000643	0	%100
29	G2	PX	.000643	.000643	0	%100
30	G3	PX	.000405	.000405	0	%100
31	G4	PX	.000643	.000643	0	%100
32	G5	PX	.000643	.000643	0	%100
33	G6	PX	.000405	.000405	0	%100
34	C1	PX	.001	.001	0	%100
35	C2	PX	.001	.001	0	%100
36	C3	PX	.001	.001	0	%100
37	HRC	PX	.000481	.000481	0	%100
38	HC	PX	.000709	.000709	0	%100
39	HRB	PX	.000481	.000481	0	%100
40	HB	PX	.000709	.000709	0	%100
41	HRA	PX	.000281	.000281	0	%100
42	HA	PX	.000414	.000414	0	%100

Member Distributed Loads (BLC 29 : Wind 120 Deg - Maintenance)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.000504	.000504	0	%100
2	PMA1	Z	.000291	.000291	0	%100
3	PMA2	X	.000504	.000504	0	%100
4	PMA2	Z	.000291	.000291	0	%100
5	PMA3	X	.000504	.000504	0	%100
6	PMA3	Z	.000291	.000291	0	%100
7	PMA4	X	.000504	.000504	0	%100
8	PMA4	Z	.000291	.000291	0	%100
9	PMB1	X	.00042	.00042	%50	%100
10	PMB1	Z	.000243	.000243	%50	%100
11	PMB2	X	.00042	.00042	%62.5	%100
12	PMB2	Z	.000243	.000243	%62.5	%100
13	PMB3	X	.00042	.00042	0	%9.635
14	PMB3	Z	.000243	.000243	0	%9.635
15	PMB3	X	.00042	.00042	%40.365	%100
16	PMB3	Z	.000243	.000243	%40.365	%100
17	PMB4	X	.00042	.00042	%50	%100
18	PMB4	Z	.000243	.000243	%50	%100
19	PMC1	X	.000504	.000504	0	%100
20	PMC1	Z	.000291	.000291	0	%100
21	PMC2	X	.000504	.000504	0	%100
22	PMC2	Z	.000291	.000291	0	%100
23	PMC3	X	.000504	.000504	0	%100
24	PMC3	Z	.000291	.000291	0	%100
25	PMC4	X	.000504	.000504	0	%100
26	PMC4	Z	.000291	.000291	0	%100
27	S1	PX	.000946	.000946	0	%100

Member Distributed Loads (BLC 29 : Wind 120 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
28	S1	PZ	.000546	.000546	0	%100
29	S2	PX	.000749	.000749	0	%100
30	S2	PZ	.000433	.000433	0	%100
31	S3	PX	.000749	.000749	0	%100
32	S3	PZ	.000433	.000433	0	%100
33	S4	PX	.000946	.000946	0	%100
34	S4	PZ	.000546	.000546	0	%100
35	S5	PX	.000749	.000749	0	%100
36	S5	PZ	.000433	.000433	0	%100
37	S6	PX	.000749	.000749	0	%100
38	S6	PZ	.000433	.000433	0	%100
39	S7	PX	.000702	.000702	0	%100
40	S7	PZ	.000405	.000405	0	%100
41	S8	PX	.000851	.000851	0	%100
42	S8	PZ	.000491	.000491	0	%100
43	S9	PX	.000851	.000851	0	%100
44	S9	PZ	.000491	.000491	0	%100
45	K1	PX	.000608	.000608	0	%100
46	K1	PZ	.000351	.000351	0	%100
47	K2	PX	.000608	.000608	0	%100
48	K2	PZ	.000351	.000351	0	%100
49	K3	PX	.000439	.000439	0	%100
50	K3	PZ	.000253	.000253	0	%100
51	CB1	PX	.000457	.000457	0	%100
52	CB1	PZ	.000264	.000264	0	%100
53	CB2	PX	.000457	.000457	0	%100
54	CB2	PZ	.000264	.000264	0	%100
55	CB3	PX	.000515	.000515	0	%100
56	CB3	PZ	.000297	.000297	0	%100
57	G1	PX	.000585	.000585	0	%100
58	G1	PZ	.000338	.000338	0	%100
59	G2	PX	.000466	.000466	0	%100
60	G2	PZ	.000269	.000269	0	%100
61	G3	PX	.000466	.000466	0	%100
62	G3	PZ	.000269	.000269	0	%100
63	G4	PX	.000585	.000585	0	%100
64	G4	PZ	.000338	.000338	0	%100
65	G5	PX	.000465	.000465	0	%100
66	G5	PZ	.000269	.000269	0	%100
67	G6	PX	.000466	.000466	0	%100
68	G6	PZ	.000269	.000269	0	%100
69	C1	PX	.001	.001	0	%100
70	C1	PZ	.000608	.000608	0	%100
71	C2	PX	.001	.001	0	%100
72	C2	PZ	.000608	.000608	0	%100
73	C3	PX	.001	.001	0	%100
74	C3	PZ	.00062	.00062	0	%100
75	HRC	PX	.000417	.000417	0	%100
76	HRC	PZ	.000241	.000241	0	%100
77	HC	PX	.000574	.000574	0	%100
78	HC	PZ	.000331	.000331	0	%100
79	HRB	PX	.000417	.000417	0	%100

Member Distributed Loads (BLC 29 : Wind 120 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
80	HRB	PZ	.000241	.000241	0	%100
81	HB	PX	.000614	.000614	0	%100
82	HB	PZ	.000355	.000355	0	%100
83	HRA	PX	.000417	.000417	0	%100
84	HRA	PZ	.000241	.000241	0	%100
85	HA	PX	.000574	.000574	0	%100
86	HA	PZ	.000331	.000331	0	%100

Member Distributed Loads (BLC 30 : Wind 150 Deg - Maintenance)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	.000291	.000291	0	%100
2	PMA1	Z	.000504	.000504	0	%100
3	PMA2	X	.000291	.000291	0	%100
4	PMA2	Z	.000504	.000504	0	%100
5	PMA3	X	.000291	.000291	0	%100
6	PMA3	Z	.000504	.000504	0	%100
7	PMA4	X	.000291	.000291	0	%100
8	PMA4	Z	.000504	.000504	0	%100
9	PMB1	X	.000291	.000291	0	%100
10	PMB1	Z	.000504	.000504	0	%100
11	PMB2	X	.000291	.000291	0	%100
12	PMB2	Z	.000504	.000504	0	%100
13	PMB3	X	.000291	.000291	0	%100
14	PMB3	Z	.000504	.000504	0	%100
15	PMB4	X	.000291	.000291	0	%100
16	PMB4	Z	.000504	.000504	0	%100
17	PMC1	X	.000291	.000291	0	%100
18	PMC1	Z	.000504	.000504	0	%100
19	PMC2	X	.000291	.000291	0	%100
20	PMC2	Z	.000504	.000504	0	%100
21	PMC3	X	.000291	.000291	0	%100
22	PMC3	Z	.000504	.000504	0	%100
23	PMC4	X	.000291	.000291	0	%100
24	PMC4	Z	.000504	.000504	0	%100
25	S1	PX	.000482	.000482	0	%100
26	S1	PZ	.000835	.000835	0	%100
27	S2	PX	.000478	.000478	0	%100
28	S2	PZ	.000829	.000829	0	%100
29	S3	PX	.000478	.000478	0	%100
30	S3	PZ	.000829	.000829	0	%100
31	S4	PX	.00057	.00057	0	%100
32	S4	PZ	.000987	.000987	0	%100
33	S5	PX	.000405	.000405	0	%100
34	S5	PZ	.000702	.000702	0	%100
35	S6	PX	.000405	.000405	0	%100
36	S6	PZ	.000702	.000702	0	%100
37	S7	PX	.000482	.000482	0	%100
38	S7	PZ	.000835	.000835	0	%100
39	S8	PX	.000478	.000478	0	%100
40	S8	PZ	.000829	.000829	0	%100
41	S9	PX	.000478	.000478	0	%100

Member Distributed Loads (BLC 30 : Wind 150 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
42	S9	PZ	.000829	.000829	0	%100
43	K1	PX	.000307	.000307	0	%100
44	K1	PZ	.000531	.000531	0	%100
45	K2	PX	.000367	.000367	0	%100
46	K2	PZ	.000636	.000636	0	%100
47	K3	PX	.000307	.000307	0	%100
48	K3	PZ	.000531	.000531	0	%100
49	CB1	PX	.000253	.000253	0	%100
50	CB1	PZ	.000439	.000439	0	%100
51	CB2	PX	.000288	.000288	0	%100
52	CB2	PZ	.0005	.0005	0	%100
53	CB3	PX	.000288	.000288	0	%100
54	CB3	PZ	.0005	.0005	0	%100
55	G1	PX	.000321	.000321	0	%100
56	G1	PZ	.000556	.000556	0	%100
57	G2	PX	.000203	.000203	0	%100
58	G2	PZ	.000351	.000351	0	%100
59	G3	PX	.000321	.000321	0	%100
60	G3	PZ	.000557	.000557	0	%100
61	G4	PX	.000321	.000321	0	%100
62	G4	PZ	.000557	.000557	0	%100
63	G5	PX	.000203	.000203	0	%100
64	G5	PZ	.000351	.000351	0	%100
65	G6	PX	.000321	.000321	0	%100
66	G6	PZ	.000557	.000557	0	%100
67	C1	PX	.000611	.000611	0	%100
68	C1	PZ	.001	.001	0	%100
69	C2	PX	.000608	.000608	0	%100
70	C2	PZ	.001	.001	0	%100
71	C3	PX	.000611	.000611	0	%100
72	C3	PZ	.001	.001	0	%100
73	HRC	PX	.00014	.00014	0	%100
74	HRC	PZ	.000243	.000243	0	%100
75	HC	PX	.000207	.000207	0	%100
76	HC	PZ	.000358	.000358	0	%100
77	HRB	PX	.000241	.000241	0	%100
78	HRB	PZ	.000417	.000417	0	%100
79	HB	PX	.000355	.000355	0	%100
80	HB	PZ	.000614	.000614	0	%100
81	HRA	PX	.000241	.000241	0	%100
82	HRA	PZ	.000417	.000417	0	%100
83	HA	PX	.000355	.000355	0	%100
84	HA	PZ	.000614	.000614	0	%100

Member Distributed Loads (BLC 31 : Wind 180 Deg - Maintenance)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	Z	.000485	.000485	%50	%100
2	PMA2	Z	.000485	.000485	%62.5	%100
3	PMA3	Z	.000485	.000485	0	%9.635
4	PMA3	Z	.000485	.000485	%40.365	%100
5	PMA4	Z	.000485	.000485	%50	%100

Member Distributed Loads (BLC 31 : Wind 180 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
6	PMB1	Z	.000582	.000582	0	%100
7	PMB2	Z	.000582	.000582	0	%100
8	PMB3	Z	.000582	.000582	0	%100
9	PMB4	Z	.000582	.000582	0	%100
10	PMC1	Z	.000582	.000582	0	%100
11	PMC2	Z	.000582	.000582	0	%100
12	PMC3	Z	.000582	.000582	0	%100
13	PMC4	Z	.000582	.000582	0	%100
14	S1	PZ	.00081	.00081	0	%100
15	S2	PZ	.000983	.000983	0	%100
16	S3	PZ	.000983	.000983	0	%100
17	S4	PZ	.001	.001	0	%100
18	S5	PZ	.000865	.000865	0	%100
19	S6	PZ	.000865	.000865	0	%100
20	S7	PZ	.001	.001	0	%100
21	S8	PZ	.000865	.000865	0	%100
22	S9	PZ	.000865	.000865	0	%100
23	K1	PZ	.000507	.000507	0	%100
24	K2	PZ	.000702	.000702	0	%100
25	K3	PZ	.000702	.000702	0	%100
26	CB1	PZ	.000527	.000527	0	%100
27	CB2	PZ	.000594	.000594	0	%100
28	CB3	PZ	.000527	.000527	0	%100
29	G1	PZ	.000537	.000537	0	%100
30	G2	PZ	.000537	.000537	0	%100
31	G3	PZ	.000675	.000675	0	%100
32	G4	PZ	.000538	.000538	0	%100
33	G5	PZ	.000538	.000538	0	%100
34	G6	PZ	.000675	.000675	0	%100
35	C1	PZ	.001	.001	0	%100
36	C2	PZ	.001	.001	0	%100
37	C3	PZ	.001	.001	0	%100
38	HRC	PZ	.000481	.000481	0	%100
39	HC	PZ	.000662	.000662	0	%100
40	HRB	PZ	.000481	.000481	0	%100
41	HB	PZ	.000662	.000662	0	%100
42	HRA	PZ	.000481	.000481	0	%100
43	HA	PZ	.000709	.000709	0	%100

Member Distributed Loads (BLC 32 : Wind 210 Deg - Maintenance)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.000291	-.000291	0	%100
2	PMA1	Z	.000504	.000504	0	%100
3	PMA2	X	-.000291	-.000291	0	%100
4	PMA2	Z	.000504	.000504	0	%100
5	PMA3	X	-.000291	-.000291	0	%100
6	PMA3	Z	.000504	.000504	0	%100
7	PMA4	X	-.000291	-.000291	0	%100
8	PMA4	Z	.000504	.000504	0	%100
9	PMB1	X	-.000291	-.000291	0	%100
10	PMB1	Z	.000504	.000504	0	%100

Member Distributed Loads (BLC 32 : Wind 210 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
11	PMB2	X	-.000291	-.000291	0	%100
12	PMB2	Z	.000504	.000504	0	%100
13	PMB3	X	-.000291	-.000291	0	%100
14	PMB3	Z	.000504	.000504	0	%100
15	PMB4	X	-.000291	-.000291	0	%100
16	PMB4	Z	.000504	.000504	0	%100
17	PMC1	X	-.000291	-.000291	0	%100
18	PMC1	Z	.000504	.000504	0	%100
19	PMC2	X	-.000291	-.000291	0	%100
20	PMC2	Z	.000504	.000504	0	%100
21	PMC3	X	-.000291	-.000291	0	%100
22	PMC3	Z	.000504	.000504	0	%100
23	PMC4	X	-.000291	-.000291	0	%100
24	PMC4	Z	.000504	.000504	0	%100
25	S1	PX	-.000482	-.000482	0	%100
26	S1	PZ	.000835	.000835	0	%100
27	S2	PX	-.000478	-.000478	0	%100
28	S2	PZ	.000829	.000829	0	%100
29	S3	PX	-.000478	-.000478	0	%100
30	S3	PZ	.000829	.000829	0	%100
31	S4	PX	-.000482	-.000482	0	%100
32	S4	PZ	.000835	.000835	0	%100
33	S5	PX	-.000478	-.000478	0	%100
34	S5	PZ	.000829	.000829	0	%100
35	S6	PX	-.000478	-.000478	0	%100
36	S6	PZ	.000829	.000829	0	%100
37	S7	PX	-.00057	-.00057	0	%100
38	S7	PZ	.000987	.000987	0	%100
39	S8	PX	-.000405	-.000405	0	%100
40	S8	PZ	.000702	.000702	0	%100
41	S9	PX	-.000405	-.000405	0	%100
42	S9	PZ	.000702	.000702	0	%100
43	K1	PX	-.000307	-.000307	0	%100
44	K1	PZ	.000531	.000531	0	%100
45	K2	PX	-.000307	-.000307	0	%100
46	K2	PZ	.000531	.000531	0	%100
47	K3	PX	-.000367	-.000367	0	%100
48	K3	PZ	.000636	.000636	0	%100
49	CB1	PX	-.000288	-.000288	0	%100
50	CB1	PZ	.0005	.0005	0	%100
51	CB2	PX	-.000288	-.000288	0	%100
52	CB2	PZ	.0005	.0005	0	%100
53	CB3	PX	-.000253	-.000253	0	%100
54	CB3	PZ	.000439	.000439	0	%100
55	G1	PX	-.000203	-.000203	0	%100
56	G1	PZ	.000351	.000351	0	%100
57	G2	PX	-.000321	-.000321	0	%100
58	G2	PZ	.000556	.000556	0	%100
59	G3	PX	-.000321	-.000321	0	%100
60	G3	PZ	.000557	.000557	0	%100
61	G4	PX	-.000203	-.000203	0	%100
62	G4	PZ	.000351	.000351	0	%100

Member Distributed Loads (BLC 32 : Wind 210 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
63	G5	PX	-.000321	-.000321	0	%100
64	G5	PZ	.000557	.000557	0	%100
65	G6	PX	-.000321	-.000321	0	%100
66	G6	PZ	.000557	.000557	0	%100
67	C1	PX	-.000611	-.000611	0	%100
68	C1	PZ	.001	.001	0	%100
69	C2	PX	-.000611	-.000611	0	%100
70	C2	PZ	.001	.001	0	%100
71	C3	PX	-.000608	-.000608	0	%100
72	C3	PZ	.001	.001	0	%100
73	HRC	PX	-.000241	-.000241	0	%100
74	HRC	PZ	.000417	.000417	0	%100
75	HC	PX	-.000355	-.000355	0	%100
76	HC	PZ	.000614	.000614	0	%100
77	HRB	PX	-.00014	-.00014	0	%100
78	HRB	PZ	.000243	.000243	0	%100
79	HB	PX	-.000207	-.000207	0	%100
80	HB	PZ	.000358	.000358	0	%100
81	HRA	PX	-.000241	-.000241	0	%100
82	HRA	PZ	.000417	.000417	0	%100
83	HA	PX	-.000355	-.000355	0	%100
84	HA	PZ	.000614	.000614	0	%100

Member Distributed Loads (BLC 33 : Wind 240 Deg - Maintenance)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.000504	-.000504	0	%100
2	PMA1	Z	.000291	.000291	0	%100
3	PMA2	X	-.000504	-.000504	0	%100
4	PMA2	Z	.000291	.000291	0	%100
5	PMA3	X	-.000504	-.000504	0	%100
6	PMA3	Z	.000291	.000291	0	%100
7	PMA4	X	-.000504	-.000504	0	%100
8	PMA4	Z	.000291	.000291	0	%100
9	PMB1	X	-.000504	-.000504	0	%100
10	PMB1	Z	.000291	.000291	0	%100
11	PMB2	X	-.000504	-.000504	0	%100
12	PMB2	Z	.000291	.000291	0	%100
13	PMB3	X	-.000504	-.000504	0	%100
14	PMB3	Z	.000291	.000291	0	%100
15	PMB4	X	-.000504	-.000504	0	%100
16	PMB4	Z	.000291	.000291	0	%100
17	PMC1	X	-.00042	-.00042	%50	%100
18	PMC1	Z	.000243	.000243	%50	%100
19	PMC2	X	-.00042	-.00042	%62.5	%100
20	PMC2	Z	.000243	.000243	%62.5	%100
21	PMC3	X	-.00042	-.00042	0	%9.635
22	PMC3	Z	.000243	.000243	0	%9.635
23	PMC3	X	-.00042	-.00042	%40.365	%100
24	PMC3	Z	.000243	.000243	%40.365	%100
25	PMC4	X	-.00042	-.00042	%50	%100
26	PMC4	Z	.000243	.000243	%50	%100

Member Distributed Loads (BLC 33 : Wind 240 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
27	S1	PX	-.000946	-.000946	0	%100
28	S1	PZ	.000546	.000546	0	%100
29	S2	PX	-.000749	-.000749	0	%100
30	S2	PZ	.000433	.000433	0	%100
31	S3	PX	-.000749	-.000749	0	%100
32	S3	PZ	.000433	.000433	0	%100
33	S4	PX	-.000702	-.000702	0	%100
34	S4	PZ	.000405	.000405	0	%100
35	S5	PX	-.000851	-.000851	0	%100
36	S5	PZ	.000491	.000491	0	%100
37	S6	PX	-.000851	-.000851	0	%100
38	S6	PZ	.000491	.000491	0	%100
39	S7	PX	-.000946	-.000946	0	%100
40	S7	PZ	.000546	.000546	0	%100
41	S8	PX	-.000749	-.000749	0	%100
42	S8	PZ	.000433	.000433	0	%100
43	S9	PX	-.000749	-.000749	0	%100
44	S9	PZ	.000433	.000433	0	%100
45	K1	PX	-.000608	-.000608	0	%100
46	K1	PZ	.000351	.000351	0	%100
47	K2	PX	-.000439	-.000439	0	%100
48	K2	PZ	.000253	.000253	0	%100
49	K3	PX	-.000608	-.000608	0	%100
50	K3	PZ	.000351	.000351	0	%100
51	CB1	PX	-.000515	-.000515	0	%100
52	CB1	PZ	.000297	.000297	0	%100
53	CB2	PX	-.000457	-.000457	0	%100
54	CB2	PZ	.000264	.000264	0	%100
55	CB3	PX	-.000457	-.000457	0	%100
56	CB3	PZ	.000264	.000264	0	%100
57	G1	PX	-.000466	-.000466	0	%100
58	G1	PZ	.000269	.000269	0	%100
59	G2	PX	-.000585	-.000585	0	%100
60	G2	PZ	.000338	.000338	0	%100
61	G3	PX	-.000466	-.000466	0	%100
62	G3	PZ	.000269	.000269	0	%100
63	G4	PX	-.000465	-.000465	0	%100
64	G4	PZ	.000269	.000269	0	%100
65	G5	PX	-.000585	-.000585	0	%100
66	G5	PZ	.000338	.000338	0	%100
67	G6	PX	-.000466	-.000466	0	%100
68	G6	PZ	.000269	.000269	0	%100
69	C1	PX	-.001	-.001	0	%100
70	C1	PZ	.000608	.000608	0	%100
71	C2	PX	-.001	-.001	0	%100
72	C2	PZ	.00062	.00062	0	%100
73	C3	PX	-.001	-.001	0	%100
74	C3	PZ	.000608	.000608	0	%100
75	HRC	PX	-.000417	-.000417	0	%100
76	HRC	PZ	.000241	.000241	0	%100
77	HC	PX	-.000614	-.000614	0	%100
78	HC	PZ	.000355	.000355	0	%100

Member Distributed Loads (BLC 33 : Wind 240 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
79	HRB	PX	-.000417	-.000417	0	%100
80	HRB	PZ	.000241	.000241	0	%100
81	HB	PX	-.000574	-.000574	0	%100
82	HB	PZ	.000331	.000331	0	%100
83	HRA	PX	-.000417	-.000417	0	%100
84	HRA	PZ	.000241	.000241	0	%100
85	HA	PX	-.000574	-.000574	0	%100
86	HA	PZ	.000331	.000331	0	%100

Member Distributed Loads (BLC 34 : Wind 270 Deg - Maintenance)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.000582	-.000582	0	%100
2	PMA2	X	-.000582	-.000582	0	%100
3	PMA3	X	-.000582	-.000582	0	%100
4	PMA4	X	-.000582	-.000582	0	%100
5	PMB1	X	-.000582	-.000582	0	%100
6	PMB2	X	-.000582	-.000582	0	%100
7	PMB3	X	-.000582	-.000582	0	%100
8	PMB4	X	-.000582	-.000582	0	%100
9	PMC1	X	-.000582	-.000582	0	%100
10	PMC2	X	-.000582	-.000582	0	%100
11	PMC3	X	-.000582	-.000582	0	%100
12	PMC4	X	-.000582	-.000582	0	%100
13	S1	PX	-.001	-.001	0	%100
14	S2	PX	-.00081	-.00081	0	%100
15	S3	PX	-.00081	-.00081	0	%100
16	S4	PX	-.000964	-.000964	0	%100
17	S5	PX	-.000957	-.000957	0	%100
18	S6	PX	-.000957	-.000957	0	%100
19	S7	PX	-.000964	-.000964	0	%100
20	S8	PX	-.000957	-.000957	0	%100
21	S9	PX	-.000957	-.000957	0	%100
22	K1	PX	-.000734	-.000734	0	%100
23	K2	PX	-.000613	-.000613	0	%100
24	K3	PX	-.000613	-.000613	0	%100
25	CB1	PX	-.000577	-.000577	0	%100
26	CB2	PX	-.000507	-.000507	0	%100
27	CB3	PX	-.000577	-.000577	0	%100
28	G1	PX	-.000643	-.000643	0	%100
29	G2	PX	-.000643	-.000643	0	%100
30	G3	PX	-.000405	-.000405	0	%100
31	G4	PX	-.000643	-.000643	0	%100
32	G5	PX	-.000643	-.000643	0	%100
33	G6	PX	-.000405	-.000405	0	%100
34	C1	PX	-.001	-.001	0	%100
35	C2	PX	-.001	-.001	0	%100
36	C3	PX	-.001	-.001	0	%100
37	HRC	PX	-.000481	-.000481	0	%100
38	HC	PX	-.000709	-.000709	0	%100
39	HRB	PX	-.000481	-.000481	0	%100
40	HB	PX	-.000709	-.000709	0	%100

Member Distributed Loads (BLC 34 : Wind 270 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
41	HRA	PX	-.000281	-.000281	0	%100
42	HA	PX	-.000414	-.000414	0	%100

Member Distributed Loads (BLC 35 : Wind 300 Deg - Maintenance)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.000504	-.000504	0	%100
2	PMA1	Z	-.000291	-.000291	0	%100
3	PMA2	X	-.000504	-.000504	0	%100
4	PMA2	Z	-.000291	-.000291	0	%100
5	PMA3	X	-.000504	-.000504	0	%100
6	PMA3	Z	-.000291	-.000291	0	%100
7	PMA4	X	-.000504	-.000504	0	%100
8	PMA4	Z	-.000291	-.000291	0	%100
9	PMB1	X	-.00042	-.00042	%50	%100
10	PMB1	Z	-.000243	-.000243	%50	%100
11	PMB2	X	-.00042	-.00042	%62.5	%100
12	PMB2	Z	-.000243	-.000243	%62.5	%100
13	PMB3	X	-.00042	-.00042	0	%9.635
14	PMB3	Z	-.000243	-.000243	0	%9.635
15	PMB3	X	-.00042	-.00042	%40.365	%100
16	PMB3	Z	-.000243	-.000243	%40.365	%100
17	PMB4	X	-.00042	-.00042	%50	%100
18	PMB4	Z	-.000243	-.000243	%50	%100
19	PMC1	X	-.000504	-.000504	0	%100
20	PMC1	Z	-.000291	-.000291	0	%100
21	PMC2	X	-.000504	-.000504	0	%100
22	PMC2	Z	-.000291	-.000291	0	%100
23	PMC3	X	-.000504	-.000504	0	%100
24	PMC3	Z	-.000291	-.000291	0	%100
25	PMC4	X	-.000504	-.000504	0	%100
26	PMC4	Z	-.000291	-.000291	0	%100
27	S1	PX	-.000946	-.000946	0	%100
28	S1	PZ	-.000546	-.000546	0	%100
29	S2	PX	-.000749	-.000749	0	%100
30	S2	PZ	-.000433	-.000433	0	%100
31	S3	PX	-.000749	-.000749	0	%100
32	S3	PZ	-.000433	-.000433	0	%100
33	S4	PX	-.000946	-.000946	0	%100
34	S4	PZ	-.000546	-.000546	0	%100
35	S5	PX	-.000749	-.000749	0	%100
36	S5	PZ	-.000433	-.000433	0	%100
37	S6	PX	-.000749	-.000749	0	%100
38	S6	PZ	-.000433	-.000433	0	%100
39	S7	PX	-.000702	-.000702	0	%100
40	S7	PZ	-.000405	-.000405	0	%100
41	S8	PX	-.000851	-.000851	0	%100
42	S8	PZ	-.000491	-.000491	0	%100
43	S9	PX	-.000851	-.000851	0	%100
44	S9	PZ	-.000491	-.000491	0	%100
45	K1	PX	-.000608	-.000608	0	%100
46	K1	PZ	-.000351	-.000351	0	%100

Member Distributed Loads (BLC 35 : Wind 300 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
47	K2	PX	-.000608	-.000608	0	%100
48	K2	PZ	-.000351	-.000351	0	%100
49	K3	PX	-.000439	-.000439	0	%100
50	K3	PZ	-.000253	-.000253	0	%100
51	CB1	PX	-.000457	-.000457	0	%100
52	CB1	PZ	-.000264	-.000264	0	%100
53	CB2	PX	-.000457	-.000457	0	%100
54	CB2	PZ	-.000264	-.000264	0	%100
55	CB3	PX	-.000515	-.000515	0	%100
56	CB3	PZ	-.000297	-.000297	0	%100
57	G1	PX	-.000585	-.000585	0	%100
58	G1	PZ	-.000338	-.000338	0	%100
59	G2	PX	-.000466	-.000466	0	%100
60	G2	PZ	-.000269	-.000269	0	%100
61	G3	PX	-.000466	-.000466	0	%100
62	G3	PZ	-.000269	-.000269	0	%100
63	G4	PX	-.000585	-.000585	0	%100
64	G4	PZ	-.000338	-.000338	0	%100
65	G5	PX	-.000465	-.000465	0	%100
66	G5	PZ	-.000269	-.000269	0	%100
67	G6	PX	-.000466	-.000466	0	%100
68	G6	PZ	-.000269	-.000269	0	%100
69	C1	PX	-.001	-.001	0	%100
70	C1	PZ	-.000608	-.000608	0	%100
71	C2	PX	-.001	-.001	0	%100
72	C2	PZ	-.000608	-.000608	0	%100
73	C3	PX	-.001	-.001	0	%100
74	C3	PZ	-.00062	-.00062	0	%100
75	HRC	PX	-.000417	-.000417	0	%100
76	HRC	PZ	-.000241	-.000241	0	%100
77	HC	PX	-.000574	-.000574	0	%100
78	HC	PZ	-.000331	-.000331	0	%100
79	HRB	PX	-.000417	-.000417	0	%100
80	HRB	PZ	-.000241	-.000241	0	%100
81	HB	PX	-.000614	-.000614	0	%100
82	HB	PZ	-.000355	-.000355	0	%100
83	HRA	PX	-.000417	-.000417	0	%100
84	HRA	PZ	-.000241	-.000241	0	%100
85	HA	PX	-.000574	-.000574	0	%100
86	HA	PZ	-.000331	-.000331	0	%100

Member Distributed Loads (BLC 36 : Wind 330 Deg - Maintenance)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	PMA1	X	-.000291	-.000291	0	%100
2	PMA1	Z	-.000504	-.000504	0	%100
3	PMA2	X	-.000291	-.000291	0	%100
4	PMA2	Z	-.000504	-.000504	0	%100
5	PMA3	X	-.000291	-.000291	0	%100
6	PMA3	Z	-.000504	-.000504	0	%100
7	PMA4	X	-.000291	-.000291	0	%100
8	PMA4	Z	-.000504	-.000504	0	%100

Member Distributed Loads (BLC 36 : Wind 330 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
9	PMB1	X	-.000291	-.000291	0	%100
10	PMB1	Z	-.000504	-.000504	0	%100
11	PMB2	X	-.000291	-.000291	0	%100
12	PMB2	Z	-.000504	-.000504	0	%100
13	PMB3	X	-.000291	-.000291	0	%100
14	PMB3	Z	-.000504	-.000504	0	%100
15	PMB4	X	-.000291	-.000291	0	%100
16	PMB4	Z	-.000504	-.000504	0	%100
17	PMC1	X	-.000291	-.000291	0	%100
18	PMC1	Z	-.000504	-.000504	0	%100
19	PMC2	X	-.000291	-.000291	0	%100
20	PMC2	Z	-.000504	-.000504	0	%100
21	PMC3	X	-.000291	-.000291	0	%100
22	PMC3	Z	-.000504	-.000504	0	%100
23	PMC4	X	-.000291	-.000291	0	%100
24	PMC4	Z	-.000504	-.000504	0	%100
25	S1	PX	-.000482	-.000482	0	%100
26	S1	PZ	-.000835	-.000835	0	%100
27	S2	PX	-.000478	-.000478	0	%100
28	S2	PZ	-.000829	-.000829	0	%100
29	S3	PX	-.000478	-.000478	0	%100
30	S3	PZ	-.000829	-.000829	0	%100
31	S4	PX	-.00057	-.00057	0	%100
32	S4	PZ	-.000987	-.000987	0	%100
33	S5	PX	-.000405	-.000405	0	%100
34	S5	PZ	-.000702	-.000702	0	%100
35	S6	PX	-.000405	-.000405	0	%100
36	S6	PZ	-.000702	-.000702	0	%100
37	S7	PX	-.000482	-.000482	0	%100
38	S7	PZ	-.000835	-.000835	0	%100
39	S8	PX	-.000478	-.000478	0	%100
40	S8	PZ	-.000829	-.000829	0	%100
41	S9	PX	-.000478	-.000478	0	%100
42	S9	PZ	-.000829	-.000829	0	%100
43	K1	PX	-.000307	-.000307	0	%100
44	K1	PZ	-.000531	-.000531	0	%100
45	K2	PX	-.000367	-.000367	0	%100
46	K2	PZ	-.000636	-.000636	0	%100
47	K3	PX	-.000307	-.000307	0	%100
48	K3	PZ	-.000531	-.000531	0	%100
49	CB1	PX	-.000253	-.000253	0	%100
50	CB1	PZ	-.000439	-.000439	0	%100
51	CB2	PX	-.000288	-.000288	0	%100
52	CB2	PZ	-.0005	-.0005	0	%100
53	CB3	PX	-.000288	-.000288	0	%100
54	CB3	PZ	-.0005	-.0005	0	%100
55	G1	PX	-.000321	-.000321	0	%100
56	G1	PZ	-.000556	-.000556	0	%100
57	G2	PX	-.000203	-.000203	0	%100
58	G2	PZ	-.000351	-.000351	0	%100
59	G3	PX	-.000321	-.000321	0	%100
60	G3	PZ	-.000557	-.000557	0	%100

Member Distributed Loads (BLC 36 : Wind 330 Deg - Maintenance) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
61	G4	PX	-.000321	-.000321	0	%100
62	G4	PZ	-.000557	-.000557	0	%100
63	G5	PX	-.000203	-.000203	0	%100
64	G5	PZ	-.000351	-.000351	0	%100
65	G6	PX	-.000321	-.000321	0	%100
66	G6	PZ	-.000557	-.000557	0	%100
67	C1	PX	-.000611	-.000611	0	%100
68	C1	PZ	-.001	-.001	0	%100
69	C2	PX	-.000608	-.000608	0	%100
70	C2	PZ	-.001	-.001	0	%100
71	C3	PX	-.000611	-.000611	0	%100
72	C3	PZ	-.001	-.001	0	%100
73	HRC	PX	-.00014	-.00014	0	%100
74	HRC	PZ	-.000243	-.000243	0	%100
75	HC	PX	-.000207	-.000207	0	%100
76	HC	PZ	-.000358	-.000358	0	%100
77	HRB	PX	-.000241	-.000241	0	%100
78	HRB	PZ	-.000417	-.000417	0	%100
79	HB	PX	-.000355	-.000355	0	%100
80	HB	PZ	-.000614	-.000614	0	%100
81	HRA	PX	-.000241	-.000241	0	%100
82	HRA	PZ	-.000417	-.000417	0	%100
83	HA	PX	-.000355	-.000355	0	%100
84	HA	PZ	-.000614	-.000614	0	%100

Member Distributed Loads (BLC 38 : Dead - Ice)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	Y	-.015	-.015	0	%100
2	S2	Y	-.015	-.015	0	%100
3	S3	Y	-.015	-.015	0	%100
4	S4	Y	-.015	-.015	0	%100
5	S5	Y	-.015	-.015	0	%100
6	S6	Y	-.015	-.015	0	%100
7	S7	Y	-.015	-.015	0	%100
8	S8	Y	-.015	-.015	0	%100
9	S9	Y	-.015	-.015	0	%100
10	K1	Y	-.015	-.015	0	%100
11	K2	Y	-.015	-.015	0	%100
12	K3	Y	-.015	-.015	0	%100
13	CB1	Y	-.011	-.011	0	%100
14	CB2	Y	-.011	-.011	0	%100
15	CB3	Y	-.011	-.011	0	%100
16	G1	Y	-.009	-.009	0	%100
17	G2	Y	-.009	-.009	0	%100
18	G3	Y	-.009	-.009	0	%100
19	G4	Y	-.009	-.009	0	%100
20	G5	Y	-.009	-.009	0	%100
21	G6	Y	-.009	-.009	0	%100
22	C1	Y	-.016	-.016	0	%100
23	C2	Y	-.016	-.016	0	%100
24	C3	Y	-.016	-.016	0	%100

Member Distributed Loads (BLC 38 : Dead - Ice) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
25	PMC1	Y	-.009	-.009	0	%100
26	PMC2	Y	-.009	-.009	0	%100
27	PMC3	Y	-.009	-.009	0	%100
28	PMC4	Y	-.009	-.009	0	%100
29	HRC	Y	-.008	-.008	0	%100
30	HC	Y	-.011	-.011	0	%100
31	PMB1	Y	-.009	-.009	0	%100
32	PMB2	Y	-.009	-.009	0	%100
33	PMB3	Y	-.009	-.009	0	%100
34	PMB4	Y	-.009	-.009	0	%100
35	HRB	Y	-.008	-.008	0	%100
36	HB	Y	-.011	-.011	0	%100
37	PMA1	Y	-.009	-.009	0	%100
38	PMA2	Y	-.009	-.009	0	%100
39	PMA3	Y	-.009	-.009	0	%100
40	PMA4	Y	-.009	-.009	0	%100
41	HRA	Y	-.008	-.008	0	%100
42	HA	Y	-.011	-.011	0	%100

Member Distributed Loads (BLC 120 : Earthquake 0 Deg)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	Z	-.001	-.001	0	%100
2	S2	Z	-.001	-.001	0	%100
3	S3	Z	-.001	-.001	0	%100
4	S4	Z	-.001	-.001	0	%100
5	S5	Z	-.001	-.001	0	%100
6	S6	Z	-.001	-.001	0	%100
7	S7	Z	-.001	-.001	0	%100
8	S8	Z	-.001	-.001	0	%100
9	S9	Z	-.001	-.001	0	%100
10	K1	Z	-.000601	-.000601	0	%100
11	K2	Z	-.000601	-.000601	0	%100
12	K3	Z	-.000601	-.000601	0	%100
13	CB1	Z	-.000397	-.000397	0	%100
14	CB2	Z	-.000397	-.000397	0	%100
15	CB3	Z	-.000397	-.000397	0	%100
16	G1	Z	-.000241	-.000241	0	%100
17	G2	Z	-.000241	-.000241	0	%100
18	G3	Z	-.000241	-.000241	0	%100
19	G4	Z	-.000241	-.000241	0	%100
20	G5	Z	-.000241	-.000241	0	%100
21	G6	Z	-.000241	-.000241	0	%100
22	C1	Z	-.001	-.001	0	%100
23	C2	Z	-.001	-.001	0	%100
24	C3	Z	-.001	-.001	0	%100
25	PMC1	Z	-.000538	-.000538	0	%100
26	PMC2	Z	-.000538	-.000538	0	%100
27	PMC3	Z	-.000538	-.000538	0	%100
28	PMC4	Z	-.000538	-.000538	0	%100
29	HRC	Z	-.000341	-.000341	0	%100
30	HC	Z	-.000691	-.000691	0	%100

Member Distributed Loads (BLC 120 : Earthquake 0 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
31	PMB1	Z	-.000538	-.000538	0	%100
32	PMB2	Z	-.000538	-.000538	0	%100
33	PMB3	Z	-.000538	-.000538	0	%100
34	PMB4	Z	-.000538	-.000538	0	%100
35	HRB	Z	-.000341	-.000341	0	%100
36	HB	Z	-.000691	-.000691	0	%100
37	PMA1	Z	-.000538	-.000538	0	%100
38	PMA2	Z	-.000538	-.000538	0	%100
39	PMA3	Z	-.000538	-.000538	0	%100
40	PMA4	Z	-.000538	-.000538	0	%100
41	HRA	Z	-.000341	-.000341	0	%100
42	HA	Z	-.000691	-.000691	0	%100

Member Distributed Loads (BLC 121 : Earthquake 30 Deg)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	X	.000563	.000563	0	%100
2	S1	Z	-.000975	-.000975	0	%100
3	S2	X	.000563	.000563	0	%100
4	S2	Z	-.000975	-.000975	0	%100
5	S3	X	.000563	.000563	0	%100
6	S3	Z	-.000975	-.000975	0	%100
7	S4	X	.000563	.000563	0	%100
8	S4	Z	-.000975	-.000975	0	%100
9	S5	X	.000563	.000563	0	%100
10	S5	Z	-.000975	-.000975	0	%100
11	S6	X	.000563	.000563	0	%100
12	S6	Z	-.000975	-.000975	0	%100
13	S7	X	.000563	.000563	0	%100
14	S7	Z	-.000975	-.000975	0	%100
15	S8	X	.000563	.000563	0	%100
16	S8	Z	-.000975	-.000975	0	%100
17	S9	X	.000563	.000563	0	%100
18	S9	Z	-.000975	-.000975	0	%100
19	K1	X	.000301	.000301	0	%100
20	K1	Z	-.000521	-.000521	0	%100
21	K2	X	.000301	.000301	0	%100
22	K2	Z	-.000521	-.000521	0	%100
23	K3	X	.000301	.000301	0	%100
24	K3	Z	-.000521	-.000521	0	%100
25	CB1	X	.000199	.000199	0	%100
26	CB1	Z	-.000344	-.000344	0	%100
27	CB2	X	.000199	.000199	0	%100
28	CB2	Z	-.000344	-.000344	0	%100
29	CB3	X	.000199	.000199	0	%100
30	CB3	Z	-.000344	-.000344	0	%100
31	G1	X	.000121	.000121	0	%100
32	G1	Z	-.000209	-.000209	0	%100
33	G2	X	.000121	.000121	0	%100
34	G2	Z	-.000209	-.000209	0	%100
35	G3	X	.000121	.000121	0	%100
36	G3	Z	-.000209	-.000209	0	%100

Member Distributed Loads (BLC 121 : Earthquake 30 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
37	G4	X	.000121	.000121	0	%100
38	G4	Z	-.000209	-.000209	0	%100
39	G5	X	.000121	.000121	0	%100
40	G5	Z	-.000209	-.000209	0	%100
41	G6	X	.000121	.000121	0	%100
42	G6	Z	-.000209	-.000209	0	%100
43	C1	X	.000501	.000501	0	%100
44	C1	Z	-.000868	-.000868	0	%100
45	C2	X	.000501	.000501	0	%100
46	C2	Z	-.000868	-.000868	0	%100
47	C3	X	.000501	.000501	0	%100
48	C3	Z	-.000868	-.000868	0	%100
49	PMC1	X	.000269	.000269	0	%100
50	PMC1	Z	-.000466	-.000466	0	%100
51	PMC2	X	.000269	.000269	0	%100
52	PMC2	Z	-.000466	-.000466	0	%100
53	PMC3	X	.000269	.000269	0	%100
54	PMC3	Z	-.000466	-.000466	0	%100
55	PMC4	X	.000269	.000269	0	%100
56	PMC4	Z	-.000466	-.000466	0	%100
57	HRC	X	.00017	.00017	0	%100
58	HRC	Z	-.000295	-.000295	0	%100
59	HC	X	.000346	.000346	0	%100
60	HC	Z	-.000599	-.000599	0	%100
61	PMB1	X	.000269	.000269	0	%100
62	PMB1	Z	-.000466	-.000466	0	%100
63	PMB2	X	.000269	.000269	0	%100
64	PMB2	Z	-.000466	-.000466	0	%100
65	PMB3	X	.000269	.000269	0	%100
66	PMB3	Z	-.000466	-.000466	0	%100
67	PMB4	X	.000269	.000269	0	%100
68	PMB4	Z	-.000466	-.000466	0	%100
69	HRB	X	.00017	.00017	0	%100
70	HRB	Z	-.000295	-.000295	0	%100
71	HB	X	.000346	.000346	0	%100
72	HB	Z	-.000599	-.000599	0	%100
73	PMA1	X	.000269	.000269	0	%100
74	PMA1	Z	-.000466	-.000466	0	%100
75	PMA2	X	.000269	.000269	0	%100
76	PMA2	Z	-.000466	-.000466	0	%100
77	PMA3	X	.000269	.000269	0	%100
78	PMA3	Z	-.000466	-.000466	0	%100
79	PMA4	X	.000269	.000269	0	%100
80	PMA4	Z	-.000466	-.000466	0	%100
81	HRA	X	.00017	.00017	0	%100
82	HRA	Z	-.000295	-.000295	0	%100
83	HA	X	.000346	.000346	0	%100
84	HA	Z	-.000599	-.000599	0	%100

Member Distributed Loads (BLC 122 : Earthquake 60 Deg)

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

Member Distributed Loads (BLC 122 : Earthquake 60 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	X	.000975	.000975	0	%100
2	S1	Z	-.000563	-.000563	0	%100
3	S2	X	.000975	.000975	0	%100
4	S2	Z	-.000563	-.000563	0	%100
5	S3	X	.000975	.000975	0	%100
6	S3	Z	-.000563	-.000563	0	%100
7	S4	X	.000975	.000975	0	%100
8	S4	Z	-.000563	-.000563	0	%100
9	S5	X	.000975	.000975	0	%100
10	S5	Z	-.000563	-.000563	0	%100
11	S6	X	.000975	.000975	0	%100
12	S6	Z	-.000563	-.000563	0	%100
13	S7	X	.000975	.000975	0	%100
14	S7	Z	-.000563	-.000563	0	%100
15	S8	X	.000975	.000975	0	%100
16	S8	Z	-.000563	-.000563	0	%100
17	S9	X	.000975	.000975	0	%100
18	S9	Z	-.000563	-.000563	0	%100
19	K1	X	.000521	.000521	0	%100
20	K1	Z	-.000301	-.000301	0	%100
21	K2	X	.000521	.000521	0	%100
22	K2	Z	-.000301	-.000301	0	%100
23	K3	X	.000521	.000521	0	%100
24	K3	Z	-.000301	-.000301	0	%100
25	CB1	X	.000344	.000344	0	%100
26	CB1	Z	-.000199	-.000199	0	%100
27	CB2	X	.000344	.000344	0	%100
28	CB2	Z	-.000199	-.000199	0	%100
29	CB3	X	.000344	.000344	0	%100
30	CB3	Z	-.000199	-.000199	0	%100
31	G1	X	.000209	.000209	0	%100
32	G1	Z	-.000121	-.000121	0	%100
33	G2	X	.000209	.000209	0	%100
34	G2	Z	-.000121	-.000121	0	%100
35	G3	X	.000209	.000209	0	%100
36	G3	Z	-.000121	-.000121	0	%100
37	G4	X	.000209	.000209	0	%100
38	G4	Z	-.000121	-.000121	0	%100
39	G5	X	.000209	.000209	0	%100
40	G5	Z	-.000121	-.000121	0	%100
41	G6	X	.000209	.000209	0	%100
42	G6	Z	-.000121	-.000121	0	%100
43	C1	X	.000868	.000868	0	%100
44	C1	Z	-.000501	-.000501	0	%100
45	C2	X	.000868	.000868	0	%100
46	C2	Z	-.000501	-.000501	0	%100
47	C3	X	.000868	.000868	0	%100
48	C3	Z	-.000501	-.000501	0	%100
49	PMC1	X	.000466	.000466	0	%100
50	PMC1	Z	-.000269	-.000269	0	%100
51	PMC2	X	.000466	.000466	0	%100
52	PMC2	Z	-.000269	-.000269	0	%100

Member Distributed Loads (BLC 122 : Earthquake 60 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
53	PMC3	X	.000466	.000466	0	%100
54	PMC3	Z	-.000269	-.000269	0	%100
55	PMC4	X	.000466	.000466	0	%100
56	PMC4	Z	-.000269	-.000269	0	%100
57	HRC	X	.000295	.000295	0	%100
58	HRC	Z	-.00017	-.00017	0	%100
59	HC	X	.000599	.000599	0	%100
60	HC	Z	-.000346	-.000346	0	%100
61	PMB1	X	.000466	.000466	0	%100
62	PMB1	Z	-.000269	-.000269	0	%100
63	PMB2	X	.000466	.000466	0	%100
64	PMB2	Z	-.000269	-.000269	0	%100
65	PMB3	X	.000466	.000466	0	%100
66	PMB3	Z	-.000269	-.000269	0	%100
67	PMB4	X	.000466	.000466	0	%100
68	PMB4	Z	-.000269	-.000269	0	%100
69	HRB	X	.000295	.000295	0	%100
70	HRB	Z	-.00017	-.00017	0	%100
71	HB	X	.000599	.000599	0	%100
72	HB	Z	-.000346	-.000346	0	%100
73	PMA1	X	.000466	.000466	0	%100
74	PMA1	Z	-.000269	-.000269	0	%100
75	PMA2	X	.000466	.000466	0	%100
76	PMA2	Z	-.000269	-.000269	0	%100
77	PMA3	X	.000466	.000466	0	%100
78	PMA3	Z	-.000269	-.000269	0	%100
79	PMA4	X	.000466	.000466	0	%100
80	PMA4	Z	-.000269	-.000269	0	%100
81	HRA	X	.000295	.000295	0	%100
82	HRA	Z	-.00017	-.00017	0	%100
83	HA	X	.000599	.000599	0	%100
84	HA	Z	-.000346	-.000346	0	%100

Member Distributed Loads (BLC 123 : Earthquake 90 Deg)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	X	.001	.001	0	%100
2	S2	X	.001	.001	0	%100
3	S3	X	.001	.001	0	%100
4	S4	X	.001	.001	0	%100
5	S5	X	.001	.001	0	%100
6	S6	X	.001	.001	0	%100
7	S7	X	.001	.001	0	%100
8	S8	X	.001	.001	0	%100
9	S9	X	.001	.001	0	%100
10	K1	X	.000601	.000601	0	%100
11	K2	X	.000601	.000601	0	%100
12	K3	X	.000601	.000601	0	%100
13	CB1	X	.000397	.000397	0	%100
14	CB2	X	.000397	.000397	0	%100
15	CB3	X	.000397	.000397	0	%100
16	G1	X	.000241	.000241	0	%100

Member Distributed Loads (BLC 123 : Earthquake 90 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
17	G2	X	.000241	.000241	0	%100
18	G3	X	.000241	.000241	0	%100
19	G4	X	.000241	.000241	0	%100
20	G5	X	.000241	.000241	0	%100
21	G6	X	.000241	.000241	0	%100
22	C1	X	.001	.001	0	%100
23	C2	X	.001	.001	0	%100
24	C3	X	.001	.001	0	%100
25	PMC1	X	.000538	.000538	0	%100
26	PMC2	X	.000538	.000538	0	%100
27	PMC3	X	.000538	.000538	0	%100
28	PMC4	X	.000538	.000538	0	%100
29	HRC	X	.000341	.000341	0	%100
30	HC	X	.000691	.000691	0	%100
31	PMB1	X	.000538	.000538	0	%100
32	PMB2	X	.000538	.000538	0	%100
33	PMB3	X	.000538	.000538	0	%100
34	PMB4	X	.000538	.000538	0	%100
35	HRB	X	.000341	.000341	0	%100
36	HB	X	.000691	.000691	0	%100
37	PMA1	X	.000538	.000538	0	%100
38	PMA2	X	.000538	.000538	0	%100
39	PMA3	X	.000538	.000538	0	%100
40	PMA4	X	.000538	.000538	0	%100
41	HRA	X	.000341	.000341	0	%100
42	HA	X	.000691	.000691	0	%100

Member Distributed Loads (BLC 124 : Earthquake 120 Deg)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	X	.000975	.000975	0	%100
2	S1	Z	.000563	.000563	0	%100
3	S2	X	.000975	.000975	0	%100
4	S2	Z	.000563	.000563	0	%100
5	S3	X	.000975	.000975	0	%100
6	S3	Z	.000563	.000563	0	%100
7	S4	X	.000975	.000975	0	%100
8	S4	Z	.000563	.000563	0	%100
9	S5	X	.000975	.000975	0	%100
10	S5	Z	.000563	.000563	0	%100
11	S6	X	.000975	.000975	0	%100
12	S6	Z	.000563	.000563	0	%100
13	S7	X	.000975	.000975	0	%100
14	S7	Z	.000563	.000563	0	%100
15	S8	X	.000975	.000975	0	%100
16	S8	Z	.000563	.000563	0	%100
17	S9	X	.000975	.000975	0	%100
18	S9	Z	.000563	.000563	0	%100
19	K1	X	.000521	.000521	0	%100
20	K1	Z	.000301	.000301	0	%100
21	K2	X	.000521	.000521	0	%100
22	K2	Z	.000301	.000301	0	%100

Member Distributed Loads (BLC 124 : Earthquake 120 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
23	K3	X	.000521	.000521	0	%100
24	K3	Z	.000301	.000301	0	%100
25	CB1	X	.000344	.000344	0	%100
26	CB1	Z	.000199	.000199	0	%100
27	CB2	X	.000344	.000344	0	%100
28	CB2	Z	.000199	.000199	0	%100
29	CB3	X	.000344	.000344	0	%100
30	CB3	Z	.000199	.000199	0	%100
31	G1	X	.000209	.000209	0	%100
32	G1	Z	.000121	.000121	0	%100
33	G2	X	.000209	.000209	0	%100
34	G2	Z	.000121	.000121	0	%100
35	G3	X	.000209	.000209	0	%100
36	G3	Z	.000121	.000121	0	%100
37	G4	X	.000209	.000209	0	%100
38	G4	Z	.000121	.000121	0	%100
39	G5	X	.000209	.000209	0	%100
40	G5	Z	.000121	.000121	0	%100
41	G6	X	.000209	.000209	0	%100
42	G6	Z	.000121	.000121	0	%100
43	C1	X	.000868	.000868	0	%100
44	C1	Z	.000501	.000501	0	%100
45	C2	X	.000868	.000868	0	%100
46	C2	Z	.000501	.000501	0	%100
47	C3	X	.000868	.000868	0	%100
48	C3	Z	.000501	.000501	0	%100
49	PMC1	X	.000466	.000466	0	%100
50	PMC1	Z	.000269	.000269	0	%100
51	PMC2	X	.000466	.000466	0	%100
52	PMC2	Z	.000269	.000269	0	%100
53	PMC3	X	.000466	.000466	0	%100
54	PMC3	Z	.000269	.000269	0	%100
55	PMC4	X	.000466	.000466	0	%100
56	PMC4	Z	.000269	.000269	0	%100
57	HRC	X	.000295	.000295	0	%100
58	HRC	Z	.00017	.00017	0	%100
59	HC	X	.000599	.000599	0	%100
60	HC	Z	.000346	.000346	0	%100
61	PMB1	X	.000466	.000466	0	%100
62	PMB1	Z	.000269	.000269	0	%100
63	PMB2	X	.000466	.000466	0	%100
64	PMB2	Z	.000269	.000269	0	%100
65	PMB3	X	.000466	.000466	0	%100
66	PMB3	Z	.000269	.000269	0	%100
67	PMB4	X	.000466	.000466	0	%100
68	PMB4	Z	.000269	.000269	0	%100
69	HRB	X	.000295	.000295	0	%100
70	HRB	Z	.00017	.00017	0	%100
71	HB	X	.000599	.000599	0	%100
72	HB	Z	.000346	.000346	0	%100
73	PMA1	X	.000466	.000466	0	%100
74	PMA1	Z	.000269	.000269	0	%100

Member Distributed Loads (BLC 124 : Earthquake 120 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
75	PMA2	X	.000466	.000466	0	%100
76	PMA2	Z	.000269	.000269	0	%100
77	PMA3	X	.000466	.000466	0	%100
78	PMA3	Z	.000269	.000269	0	%100
79	PMA4	X	.000466	.000466	0	%100
80	PMA4	Z	.000269	.000269	0	%100
81	HRA	X	.000295	.000295	0	%100
82	HRA	Z	.00017	.00017	0	%100
83	HA	X	.000599	.000599	0	%100
84	HA	Z	.000346	.000346	0	%100

Member Distributed Loads (BLC 125 : Earthquake 150 Deg)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	X	.000563	.000563	0	%100
2	S1	Z	.000975	.000975	0	%100
3	S2	X	.000563	.000563	0	%100
4	S2	Z	.000975	.000975	0	%100
5	S3	X	.000563	.000563	0	%100
6	S3	Z	.000975	.000975	0	%100
7	S4	X	.000563	.000563	0	%100
8	S4	Z	.000975	.000975	0	%100
9	S5	X	.000563	.000563	0	%100
10	S5	Z	.000975	.000975	0	%100
11	S6	X	.000563	.000563	0	%100
12	S6	Z	.000975	.000975	0	%100
13	S7	X	.000563	.000563	0	%100
14	S7	Z	.000975	.000975	0	%100
15	S8	X	.000563	.000563	0	%100
16	S8	Z	.000975	.000975	0	%100
17	S9	X	.000563	.000563	0	%100
18	S9	Z	.000975	.000975	0	%100
19	K1	X	.000301	.000301	0	%100
20	K1	Z	.000521	.000521	0	%100
21	K2	X	.000301	.000301	0	%100
22	K2	Z	.000521	.000521	0	%100
23	K3	X	.000301	.000301	0	%100
24	K3	Z	.000521	.000521	0	%100
25	CB1	X	.000199	.000199	0	%100
26	CB1	Z	.000344	.000344	0	%100
27	CB2	X	.000199	.000199	0	%100
28	CB2	Z	.000344	.000344	0	%100
29	CB3	X	.000199	.000199	0	%100
30	CB3	Z	.000344	.000344	0	%100
31	G1	X	.000121	.000121	0	%100
32	G1	Z	.000209	.000209	0	%100
33	G2	X	.000121	.000121	0	%100
34	G2	Z	.000209	.000209	0	%100
35	G3	X	.000121	.000121	0	%100
36	G3	Z	.000209	.000209	0	%100
37	G4	X	.000121	.000121	0	%100
38	G4	Z	.000209	.000209	0	%100

Member Distributed Loads (BLC 125 : Earthquake 150 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
39	G5	X	.000121	.000121	0	%100
40	G5	Z	.000209	.000209	0	%100
41	G6	X	.000121	.000121	0	%100
42	G6	Z	.000209	.000209	0	%100
43	C1	X	.000501	.000501	0	%100
44	C1	Z	.000868	.000868	0	%100
45	C2	X	.000501	.000501	0	%100
46	C2	Z	.000868	.000868	0	%100
47	C3	X	.000501	.000501	0	%100
48	C3	Z	.000868	.000868	0	%100
49	PMC1	X	.000269	.000269	0	%100
50	PMC1	Z	.000466	.000466	0	%100
51	PMC2	X	.000269	.000269	0	%100
52	PMC2	Z	.000466	.000466	0	%100
53	PMC3	X	.000269	.000269	0	%100
54	PMC3	Z	.000466	.000466	0	%100
55	PMC4	X	.000269	.000269	0	%100
56	PMC4	Z	.000466	.000466	0	%100
57	HRC	X	.00017	.00017	0	%100
58	HRC	Z	.000295	.000295	0	%100
59	HC	X	.000346	.000346	0	%100
60	HC	Z	.000599	.000599	0	%100
61	PMB1	X	.000269	.000269	0	%100
62	PMB1	Z	.000466	.000466	0	%100
63	PMB2	X	.000269	.000269	0	%100
64	PMB2	Z	.000466	.000466	0	%100
65	PMB3	X	.000269	.000269	0	%100
66	PMB3	Z	.000466	.000466	0	%100
67	PMB4	X	.000269	.000269	0	%100
68	PMB4	Z	.000466	.000466	0	%100
69	HRB	X	.00017	.00017	0	%100
70	HRB	Z	.000295	.000295	0	%100
71	HB	X	.000346	.000346	0	%100
72	HB	Z	.000599	.000599	0	%100
73	PMA1	X	.000269	.000269	0	%100
74	PMA1	Z	.000466	.000466	0	%100
75	PMA2	X	.000269	.000269	0	%100
76	PMA2	Z	.000466	.000466	0	%100
77	PMA3	X	.000269	.000269	0	%100
78	PMA3	Z	.000466	.000466	0	%100
79	PMA4	X	.000269	.000269	0	%100
80	PMA4	Z	.000466	.000466	0	%100
81	HRA	X	.00017	.00017	0	%100
82	HRA	Z	.000295	.000295	0	%100
83	HA	X	.000346	.000346	0	%100
84	HA	Z	.000599	.000599	0	%100

Member Distributed Loads (BLC 126 : Earthquake 180 Deg)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	Z	.001	.001	0	%100
2	S2	Z	.001	.001	0	%100

Member Distributed Loads (BLC 126 : Earthquake 180 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
3	S3	Z	.001	.001	0	%100
4	S4	Z	.001	.001	0	%100
5	S5	Z	.001	.001	0	%100
6	S6	Z	.001	.001	0	%100
7	S7	Z	.001	.001	0	%100
8	S8	Z	.001	.001	0	%100
9	S9	Z	.001	.001	0	%100
10	K1	Z	.000601	.000601	0	%100
11	K2	Z	.000601	.000601	0	%100
12	K3	Z	.000601	.000601	0	%100
13	CB1	Z	.000397	.000397	0	%100
14	CB2	Z	.000397	.000397	0	%100
15	CB3	Z	.000397	.000397	0	%100
16	G1	Z	.000241	.000241	0	%100
17	G2	Z	.000241	.000241	0	%100
18	G3	Z	.000241	.000241	0	%100
19	G4	Z	.000241	.000241	0	%100
20	G5	Z	.000241	.000241	0	%100
21	G6	Z	.000241	.000241	0	%100
22	C1	Z	.001	.001	0	%100
23	C2	Z	.001	.001	0	%100
24	C3	Z	.001	.001	0	%100
25	PMC1	Z	.000538	.000538	0	%100
26	PMC2	Z	.000538	.000538	0	%100
27	PMC3	Z	.000538	.000538	0	%100
28	PMC4	Z	.000538	.000538	0	%100
29	HRC	Z	.000341	.000341	0	%100
30	HC	Z	.000691	.000691	0	%100
31	PMB1	Z	.000538	.000538	0	%100
32	PMB2	Z	.000538	.000538	0	%100
33	PMB3	Z	.000538	.000538	0	%100
34	PMB4	Z	.000538	.000538	0	%100
35	HRB	Z	.000341	.000341	0	%100
36	HB	Z	.000691	.000691	0	%100
37	PMA1	Z	.000538	.000538	0	%100
38	PMA2	Z	.000538	.000538	0	%100
39	PMA3	Z	.000538	.000538	0	%100
40	PMA4	Z	.000538	.000538	0	%100
41	HRA	Z	.000341	.000341	0	%100
42	HA	Z	.000691	.000691	0	%100

Member Distributed Loads (BLC 127 : Earthquake 210 Deg)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	X	-.000563	-.000563	0	%100
2	S1	Z	.000975	.000975	0	%100
3	S2	X	-.000563	-.000563	0	%100
4	S2	Z	.000975	.000975	0	%100
5	S3	X	-.000563	-.000563	0	%100
6	S3	Z	.000975	.000975	0	%100
7	S4	X	-.000563	-.000563	0	%100
8	S4	Z	.000975	.000975	0	%100

Member Distributed Loads (BLC 127 : Earthquake 210 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
9	S5	X	-.000563	-.000563	0	%100
10	S5	Z	.000975	.000975	0	%100
11	S6	X	-.000563	-.000563	0	%100
12	S6	Z	.000975	.000975	0	%100
13	S7	X	-.000563	-.000563	0	%100
14	S7	Z	.000975	.000975	0	%100
15	S8	X	-.000563	-.000563	0	%100
16	S8	Z	.000975	.000975	0	%100
17	S9	X	-.000563	-.000563	0	%100
18	S9	Z	.000975	.000975	0	%100
19	K1	X	-.000301	-.000301	0	%100
20	K1	Z	.000521	.000521	0	%100
21	K2	X	-.000301	-.000301	0	%100
22	K2	Z	.000521	.000521	0	%100
23	K3	X	-.000301	-.000301	0	%100
24	K3	Z	.000521	.000521	0	%100
25	CB1	X	-.000199	-.000199	0	%100
26	CB1	Z	.000344	.000344	0	%100
27	CB2	X	-.000199	-.000199	0	%100
28	CB2	Z	.000344	.000344	0	%100
29	CB3	X	-.000199	-.000199	0	%100
30	CB3	Z	.000344	.000344	0	%100
31	G1	X	-.000121	-.000121	0	%100
32	G1	Z	.000209	.000209	0	%100
33	G2	X	-.000121	-.000121	0	%100
34	G2	Z	.000209	.000209	0	%100
35	G3	X	-.000121	-.000121	0	%100
36	G3	Z	.000209	.000209	0	%100
37	G4	X	-.000121	-.000121	0	%100
38	G4	Z	.000209	.000209	0	%100
39	G5	X	-.000121	-.000121	0	%100
40	G5	Z	.000209	.000209	0	%100
41	G6	X	-.000121	-.000121	0	%100
42	G6	Z	.000209	.000209	0	%100
43	C1	X	-.000501	-.000501	0	%100
44	C1	Z	.000868	.000868	0	%100
45	C2	X	-.000501	-.000501	0	%100
46	C2	Z	.000868	.000868	0	%100
47	C3	X	-.000501	-.000501	0	%100
48	C3	Z	.000868	.000868	0	%100
49	PMC1	X	-.000269	-.000269	0	%100
50	PMC1	Z	.000466	.000466	0	%100
51	PMC2	X	-.000269	-.000269	0	%100
52	PMC2	Z	.000466	.000466	0	%100
53	PMC3	X	-.000269	-.000269	0	%100
54	PMC3	Z	.000466	.000466	0	%100
55	PMC4	X	-.000269	-.000269	0	%100
56	PMC4	Z	.000466	.000466	0	%100
57	HRC	X	-.00017	-.00017	0	%100
58	HRC	Z	.000295	.000295	0	%100
59	HC	X	-.000346	-.000346	0	%100
60	HC	Z	.000599	.000599	0	%100

Member Distributed Loads (BLC 127 : Earthquake 210 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
61	PMB1	X	-.000269	-.000269	0	%100
62	PMB1	Z	.000466	.000466	0	%100
63	PMB2	X	-.000269	-.000269	0	%100
64	PMB2	Z	.000466	.000466	0	%100
65	PMB3	X	-.000269	-.000269	0	%100
66	PMB3	Z	.000466	.000466	0	%100
67	PMB4	X	-.000269	-.000269	0	%100
68	PMB4	Z	.000466	.000466	0	%100
69	HRB	X	-.00017	-.00017	0	%100
70	HRB	Z	.000295	.000295	0	%100
71	HB	X	-.000346	-.000346	0	%100
72	HB	Z	.000599	.000599	0	%100
73	PMA1	X	-.000269	-.000269	0	%100
74	PMA1	Z	.000466	.000466	0	%100
75	PMA2	X	-.000269	-.000269	0	%100
76	PMA2	Z	.000466	.000466	0	%100
77	PMA3	X	-.000269	-.000269	0	%100
78	PMA3	Z	.000466	.000466	0	%100
79	PMA4	X	-.000269	-.000269	0	%100
80	PMA4	Z	.000466	.000466	0	%100
81	HRA	X	-.00017	-.00017	0	%100
82	HRA	Z	.000295	.000295	0	%100
83	HA	X	-.000346	-.000346	0	%100
84	HA	Z	.000599	.000599	0	%100

Member Distributed Loads (BLC 128 : Earthquake 240 Deg)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	X	-.000975	-.000975	0	%100
2	S1	Z	.000563	.000563	0	%100
3	S2	X	-.000975	-.000975	0	%100
4	S2	Z	.000563	.000563	0	%100
5	S3	X	-.000975	-.000975	0	%100
6	S3	Z	.000563	.000563	0	%100
7	S4	X	-.000975	-.000975	0	%100
8	S4	Z	.000563	.000563	0	%100
9	S5	X	-.000975	-.000975	0	%100
10	S5	Z	.000563	.000563	0	%100
11	S6	X	-.000975	-.000975	0	%100
12	S6	Z	.000563	.000563	0	%100
13	S7	X	-.000975	-.000975	0	%100
14	S7	Z	.000563	.000563	0	%100
15	S8	X	-.000975	-.000975	0	%100
16	S8	Z	.000563	.000563	0	%100
17	S9	X	-.000975	-.000975	0	%100
18	S9	Z	.000563	.000563	0	%100
19	K1	X	-.000521	-.000521	0	%100
20	K1	Z	.000301	.000301	0	%100
21	K2	X	-.000521	-.000521	0	%100
22	K2	Z	.000301	.000301	0	%100
23	K3	X	-.000521	-.000521	0	%100
24	K3	Z	.000301	.000301	0	%100

Member Distributed Loads (BLC 128 : Earthquake 240 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
25	CB1	X	-.000344	-.000344	0	%100
26	CB1	Z	.000199	.000199	0	%100
27	CB2	X	-.000344	-.000344	0	%100
28	CB2	Z	.000199	.000199	0	%100
29	CB3	X	-.000344	-.000344	0	%100
30	CB3	Z	.000199	.000199	0	%100
31	G1	X	-.000209	-.000209	0	%100
32	G1	Z	.000121	.000121	0	%100
33	G2	X	-.000209	-.000209	0	%100
34	G2	Z	.000121	.000121	0	%100
35	G3	X	-.000209	-.000209	0	%100
36	G3	Z	.000121	.000121	0	%100
37	G4	X	-.000209	-.000209	0	%100
38	G4	Z	.000121	.000121	0	%100
39	G5	X	-.000209	-.000209	0	%100
40	G5	Z	.000121	.000121	0	%100
41	G6	X	-.000209	-.000209	0	%100
42	G6	Z	.000121	.000121	0	%100
43	C1	X	-.000868	-.000868	0	%100
44	C1	Z	.000501	.000501	0	%100
45	C2	X	-.000868	-.000868	0	%100
46	C2	Z	.000501	.000501	0	%100
47	C3	X	-.000868	-.000868	0	%100
48	C3	Z	.000501	.000501	0	%100
49	PMC1	X	-.000466	-.000466	0	%100
50	PMC1	Z	.000269	.000269	0	%100
51	PMC2	X	-.000466	-.000466	0	%100
52	PMC2	Z	.000269	.000269	0	%100
53	PMC3	X	-.000466	-.000466	0	%100
54	PMC3	Z	.000269	.000269	0	%100
55	PMC4	X	-.000466	-.000466	0	%100
56	PMC4	Z	.000269	.000269	0	%100
57	HRC	X	-.000295	-.000295	0	%100
58	HRC	Z	.00017	.00017	0	%100
59	HC	X	-.000599	-.000599	0	%100
60	HC	Z	.000346	.000346	0	%100
61	PMB1	X	-.000466	-.000466	0	%100
62	PMB1	Z	.000269	.000269	0	%100
63	PMB2	X	-.000466	-.000466	0	%100
64	PMB2	Z	.000269	.000269	0	%100
65	PMB3	X	-.000466	-.000466	0	%100
66	PMB3	Z	.000269	.000269	0	%100
67	PMB4	X	-.000466	-.000466	0	%100
68	PMB4	Z	.000269	.000269	0	%100
69	HRB	X	-.000295	-.000295	0	%100
70	HRB	Z	.00017	.00017	0	%100
71	HB	X	-.000599	-.000599	0	%100
72	HB	Z	.000346	.000346	0	%100
73	PMA1	X	-.000466	-.000466	0	%100
74	PMA1	Z	.000269	.000269	0	%100
75	PMA2	X	-.000466	-.000466	0	%100
76	PMA2	Z	.000269	.000269	0	%100

Member Distributed Loads (BLC 128 : Earthquake 240 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
77	PMA3	X	-.000466	-.000466	0	%100
78	PMA3	Z	.000269	.000269	0	%100
79	PMA4	X	-.000466	-.000466	0	%100
80	PMA4	Z	.000269	.000269	0	%100
81	HRA	X	-.000295	-.000295	0	%100
82	HRA	Z	.00017	.00017	0	%100
83	HA	X	-.000599	-.000599	0	%100
84	HA	Z	.000346	.000346	0	%100

Member Distributed Loads (BLC 129 : Earthquake 270 Deg)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	X	-.001	-.001	0	%100
2	S2	X	-.001	-.001	0	%100
3	S3	X	-.001	-.001	0	%100
4	S4	X	-.001	-.001	0	%100
5	S5	X	-.001	-.001	0	%100
6	S6	X	-.001	-.001	0	%100
7	S7	X	-.001	-.001	0	%100
8	S8	X	-.001	-.001	0	%100
9	S9	X	-.001	-.001	0	%100
10	K1	X	-.000601	-.000601	0	%100
11	K2	X	-.000601	-.000601	0	%100
12	K3	X	-.000601	-.000601	0	%100
13	CB1	X	-.000397	-.000397	0	%100
14	CB2	X	-.000397	-.000397	0	%100
15	CB3	X	-.000397	-.000397	0	%100
16	G1	X	-.000241	-.000241	0	%100
17	G2	X	-.000241	-.000241	0	%100
18	G3	X	-.000241	-.000241	0	%100
19	G4	X	-.000241	-.000241	0	%100
20	G5	X	-.000241	-.000241	0	%100
21	G6	X	-.000241	-.000241	0	%100
22	C1	X	-.001	-.001	0	%100
23	C2	X	-.001	-.001	0	%100
24	C3	X	-.001	-.001	0	%100
25	PMC1	X	-.000538	-.000538	0	%100
26	PMC2	X	-.000538	-.000538	0	%100
27	PMC3	X	-.000538	-.000538	0	%100
28	PMC4	X	-.000538	-.000538	0	%100
29	HRC	X	-.000341	-.000341	0	%100
30	HC	X	-.000691	-.000691	0	%100
31	PMB1	X	-.000538	-.000538	0	%100
32	PMB2	X	-.000538	-.000538	0	%100
33	PMB3	X	-.000538	-.000538	0	%100
34	PMB4	X	-.000538	-.000538	0	%100
35	HRB	X	-.000341	-.000341	0	%100
36	HB	X	-.000691	-.000691	0	%100
37	PMA1	X	-.000538	-.000538	0	%100
38	PMA2	X	-.000538	-.000538	0	%100
39	PMA3	X	-.000538	-.000538	0	%100
40	PMA4	X	-.000538	-.000538	0	%100

Member Distributed Loads (BLC 129 : Earthquake 270 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
41	HRA	X	-.000341	-.000341	0	%100
42	HA	X	-.000691	-.000691	0	%100

Member Distributed Loads (BLC 130 : Earthquake 300 Deg)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	X	-.000975	-.000975	0	%100
2	S1	Z	-.000563	-.000563	0	%100
3	S2	X	-.000975	-.000975	0	%100
4	S2	Z	-.000563	-.000563	0	%100
5	S3	X	-.000975	-.000975	0	%100
6	S3	Z	-.000563	-.000563	0	%100
7	S4	X	-.000975	-.000975	0	%100
8	S4	Z	-.000563	-.000563	0	%100
9	S5	X	-.000975	-.000975	0	%100
10	S5	Z	-.000563	-.000563	0	%100
11	S6	X	-.000975	-.000975	0	%100
12	S6	Z	-.000563	-.000563	0	%100
13	S7	X	-.000975	-.000975	0	%100
14	S7	Z	-.000563	-.000563	0	%100
15	S8	X	-.000975	-.000975	0	%100
16	S8	Z	-.000563	-.000563	0	%100
17	S9	X	-.000975	-.000975	0	%100
18	S9	Z	-.000563	-.000563	0	%100
19	K1	X	-.000521	-.000521	0	%100
20	K1	Z	-.000301	-.000301	0	%100
21	K2	X	-.000521	-.000521	0	%100
22	K2	Z	-.000301	-.000301	0	%100
23	K3	X	-.000521	-.000521	0	%100
24	K3	Z	-.000301	-.000301	0	%100
25	CB1	X	-.000344	-.000344	0	%100
26	CB1	Z	-.000199	-.000199	0	%100
27	CB2	X	-.000344	-.000344	0	%100
28	CB2	Z	-.000199	-.000199	0	%100
29	CB3	X	-.000344	-.000344	0	%100
30	CB3	Z	-.000199	-.000199	0	%100
31	G1	X	-.000209	-.000209	0	%100
32	G1	Z	-.000121	-.000121	0	%100
33	G2	X	-.000209	-.000209	0	%100
34	G2	Z	-.000121	-.000121	0	%100
35	G3	X	-.000209	-.000209	0	%100
36	G3	Z	-.000121	-.000121	0	%100
37	G4	X	-.000209	-.000209	0	%100
38	G4	Z	-.000121	-.000121	0	%100
39	G5	X	-.000209	-.000209	0	%100
40	G5	Z	-.000121	-.000121	0	%100
41	G6	X	-.000209	-.000209	0	%100
42	G6	Z	-.000121	-.000121	0	%100
43	C1	X	-.000868	-.000868	0	%100
44	C1	Z	-.000501	-.000501	0	%100
45	C2	X	-.000868	-.000868	0	%100
46	C2	Z	-.000501	-.000501	0	%100

Member Distributed Loads (BLC 130 : Earthquake 300 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
47	C3	X	-.000868	-.000868	0	%100
48	C3	Z	-.000501	-.000501	0	%100
49	PMC1	X	-.000466	-.000466	0	%100
50	PMC1	Z	-.000269	-.000269	0	%100
51	PMC2	X	-.000466	-.000466	0	%100
52	PMC2	Z	-.000269	-.000269	0	%100
53	PMC3	X	-.000466	-.000466	0	%100
54	PMC3	Z	-.000269	-.000269	0	%100
55	PMC4	X	-.000466	-.000466	0	%100
56	PMC4	Z	-.000269	-.000269	0	%100
57	HRC	X	-.000295	-.000295	0	%100
58	HRC	Z	-.00017	-.00017	0	%100
59	HC	X	-.000599	-.000599	0	%100
60	HC	Z	-.000346	-.000346	0	%100
61	PMB1	X	-.000466	-.000466	0	%100
62	PMB1	Z	-.000269	-.000269	0	%100
63	PMB2	X	-.000466	-.000466	0	%100
64	PMB2	Z	-.000269	-.000269	0	%100
65	PMB3	X	-.000466	-.000466	0	%100
66	PMB3	Z	-.000269	-.000269	0	%100
67	PMB4	X	-.000466	-.000466	0	%100
68	PMB4	Z	-.000269	-.000269	0	%100
69	HRB	X	-.000295	-.000295	0	%100
70	HRB	Z	-.00017	-.00017	0	%100
71	HB	X	-.000599	-.000599	0	%100
72	HB	Z	-.000346	-.000346	0	%100
73	PMA1	X	-.000466	-.000466	0	%100
74	PMA1	Z	-.000269	-.000269	0	%100
75	PMA2	X	-.000466	-.000466	0	%100
76	PMA2	Z	-.000269	-.000269	0	%100
77	PMA3	X	-.000466	-.000466	0	%100
78	PMA3	Z	-.000269	-.000269	0	%100
79	PMA4	X	-.000466	-.000466	0	%100
80	PMA4	Z	-.000269	-.000269	0	%100
81	HRA	X	-.000295	-.000295	0	%100
82	HRA	Z	-.00017	-.00017	0	%100
83	HA	X	-.000599	-.000599	0	%100
84	HA	Z	-.000346	-.000346	0	%100

Member Distributed Loads (BLC 131 : Earthquake 330 Deg)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
1	S1	X	-.000563	-.000563	0	%100
2	S1	Z	-.000975	-.000975	0	%100
3	S2	X	-.000563	-.000563	0	%100
4	S2	Z	-.000975	-.000975	0	%100
5	S3	X	-.000563	-.000563	0	%100
6	S3	Z	-.000975	-.000975	0	%100
7	S4	X	-.000563	-.000563	0	%100
8	S4	Z	-.000975	-.000975	0	%100
9	S5	X	-.000563	-.000563	0	%100
10	S5	Z	-.000975	-.000975	0	%100

Member Distributed Loads (BLC 131 : Earthquake 330 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
11	S6	X	-.000563	-.000563	0	%100
12	S6	Z	-.000975	-.000975	0	%100
13	S7	X	-.000563	-.000563	0	%100
14	S7	Z	-.000975	-.000975	0	%100
15	S8	X	-.000563	-.000563	0	%100
16	S8	Z	-.000975	-.000975	0	%100
17	S9	X	-.000563	-.000563	0	%100
18	S9	Z	-.000975	-.000975	0	%100
19	K1	X	-.000301	-.000301	0	%100
20	K1	Z	-.000521	-.000521	0	%100
21	K2	X	-.000301	-.000301	0	%100
22	K2	Z	-.000521	-.000521	0	%100
23	K3	X	-.000301	-.000301	0	%100
24	K3	Z	-.000521	-.000521	0	%100
25	CB1	X	-.000199	-.000199	0	%100
26	CB1	Z	-.000344	-.000344	0	%100
27	CB2	X	-.000199	-.000199	0	%100
28	CB2	Z	-.000344	-.000344	0	%100
29	CB3	X	-.000199	-.000199	0	%100
30	CB3	Z	-.000344	-.000344	0	%100
31	G1	X	-.000121	-.000121	0	%100
32	G1	Z	-.000209	-.000209	0	%100
33	G2	X	-.000121	-.000121	0	%100
34	G2	Z	-.000209	-.000209	0	%100
35	G3	X	-.000121	-.000121	0	%100
36	G3	Z	-.000209	-.000209	0	%100
37	G4	X	-.000121	-.000121	0	%100
38	G4	Z	-.000209	-.000209	0	%100
39	G5	X	-.000121	-.000121	0	%100
40	G5	Z	-.000209	-.000209	0	%100
41	G6	X	-.000121	-.000121	0	%100
42	G6	Z	-.000209	-.000209	0	%100
43	C1	X	-.000501	-.000501	0	%100
44	C1	Z	-.000868	-.000868	0	%100
45	C2	X	-.000501	-.000501	0	%100
46	C2	Z	-.000868	-.000868	0	%100
47	C3	X	-.000501	-.000501	0	%100
48	C3	Z	-.000868	-.000868	0	%100
49	PMC1	X	-.000269	-.000269	0	%100
50	PMC1	Z	-.000466	-.000466	0	%100
51	PMC2	X	-.000269	-.000269	0	%100
52	PMC2	Z	-.000466	-.000466	0	%100
53	PMC3	X	-.000269	-.000269	0	%100
54	PMC3	Z	-.000466	-.000466	0	%100
55	PMC4	X	-.000269	-.000269	0	%100
56	PMC4	Z	-.000466	-.000466	0	%100
57	HRC	X	-.00017	-.00017	0	%100
58	HRC	Z	-.000295	-.000295	0	%100
59	HC	X	-.000346	-.000346	0	%100
60	HC	Z	-.000599	-.000599	0	%100
61	PMB1	X	-.000269	-.000269	0	%100
62	PMB1	Z	-.000466	-.000466	0	%100

Member Distributed Loads (BLC 131 : Earthquake 330 Deg) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[in,%]	End Location[in,%]
63	PMB2	X	-.000269	-.000269	0	%100
64	PMB2	Z	-.000466	-.000466	0	%100
65	PMB3	X	-.000269	-.000269	0	%100
66	PMB3	Z	-.000466	-.000466	0	%100
67	PMB4	X	-.000269	-.000269	0	%100
68	PMB4	Z	-.000466	-.000466	0	%100
69	HRB	X	-.00017	-.00017	0	%100
70	HRB	Z	-.000295	-.000295	0	%100
71	HB	X	-.000346	-.000346	0	%100
72	HB	Z	-.000599	-.000599	0	%100
73	PMA1	X	-.000269	-.000269	0	%100
74	PMA1	Z	-.000466	-.000466	0	%100
75	PMA2	X	-.000269	-.000269	0	%100
76	PMA2	Z	-.000466	-.000466	0	%100
77	PMA3	X	-.000269	-.000269	0	%100
78	PMA3	Z	-.000466	-.000466	0	%100
79	PMA4	X	-.000269	-.000269	0	%100
80	PMA4	Z	-.000466	-.000466	0	%100
81	HRA	X	-.00017	-.00017	0	%100
82	HRA	Z	-.000295	-.000295	0	%100
83	HA	X	-.000346	-.000346	0	%100
84	HA	Z	-.000599	-.000599	0	%100

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Wind 0 Deg - No Ice	None					42	43		
2	Wind 30 Deg - No Ice	None					88	84		
3	Wind 60 Deg - No Ice	None					84	86		
4	Wind 90 Deg - No Ice	None					44	42		
5	Wind 120 Deg - No Ice	None					84	86		
6	Wind 150 Deg - No Ice	None					88	84		
7	Wind 180 Deg - No Ice	None					42	43		
8	Wind 210 Deg - No Ice	None					88	84		
9	Wind 240 Deg - No Ice	None					84	86		
10	Wind 270 Deg - No Ice	None					44	42		
11	Wind 300 Deg - No Ice	None					84	86		
12	Wind 330 Deg - No Ice	None					88	84		
13	Wind 0 Deg - Ice	None					42	43		
14	Wind 30 Deg - Ice	None					88	84		
15	Wind 60 Deg - Ice	None					84	86		
16	Wind 90 Deg - Ice	None					44	42		
17	Wind 120 Deg - Ice	None					84	86		
18	Wind 150 Deg - Ice	None					88	84		
19	Wind 180 Deg - Ice	None					42	43		
20	Wind 210 Deg - Ice	None					88	84		
21	Wind 240 Deg - Ice	None					84	86		
22	Wind 270 Deg - Ice	None					44	42		
23	Wind 300 Deg - Ice	None					84	86		
24	Wind 330 Deg - Ice	None					88	84		
25	Wind 0 Deg - Mainten...	None					42	43		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
26	Wind 30 Deg - Mainte...	None					88	84		
27	Wind 60 Deg - Mainte...	None					84	86		
28	Wind 90 Deg - Mainte...	None					44	42		
29	Wind 120 Deg - Maint...	None					84	86		
30	Wind 150 Deg - Maint...	None					88	84		
31	Wind 180 Deg - Maint...	None					42	43		
32	Wind 210 Deg - Maint...	None					88	84		
33	Wind 240 Deg - Maint...	None					84	86		
34	Wind 270 Deg - Maint...	None					44	42		
35	Wind 300 Deg - Maint...	None					84	86		
36	Wind 330 Deg - Maint...	None					88	84		
37	Dead	None		-1			44			
38	Dead - Ice	None					44	42		
39	Maint. Pipe Load 1	None					1			
40	Maint. Pipe Load 2	None					1			
41	Maint. Pipe Load 3	None					1			
42	Maint. Pipe Load 4	None					1			
43	Maint. Pipe Load 5	None					1			
44	Maint. Pipe Load 6	None					1			
45	Maint. Pipe Load 7	None					1			
46	Maint. Pipe Load 8	None					1			
47	Maint. Pipe Load 9	None					1			
48	Maint. Pipe Load 10	None					1			
49	Maint. Pipe Load 11	None					1			
50	Maint. Pipe Load 12	None					1			
51	Maint. Horz. Load 1	None					1			
52	Maint. Horz. Load 2	None					1			
53	Maint. Horz. Load 3	None					1			
54	Maint. Horz. Load 4	None					1			
55	Maint. Horz. Load 5	None					1			
56	Maint. Horz. Load 6	None					1			
57	Maint. Horz. Load 7	None					1			
58	Maint. Horz. Load 8	None					1			
59	Maint. Horz. Load 9	None					1			
60	Maint. Horz. Load 10	None					1			
61	Maint. Horz. Load 11	None					1			
62	Maint. Horz. Load 12	None					1			
63	Maint. Horz. Load 13	None					1			
64	Maint. Horz. Load 14	None					1			
65	Maint. Horz. Load 15	None					1			
66	Maint. Horz. Load 16	None					1			
67	Maint. Horz. Load 17	None					1			
68	Maint. Horz. Load 18	None					1			
69	Maint. Horz. Load 19	None					1			
70	Maint. Horz. Load 20	None					1			
71	Maint. Horz. Load 21	None					1			
72	Maint. Horz. Load 22	None					1			
73	Maint. Horz. Load 23	None					1			
74	Maint. Horz. Load 24	None					1			
75	Maint. Horz. Load 25	None					1			
76	Maint. Horz. Load 26	None					1			
77	Maint. Horz. Load 27	None					1			

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
78	Maint. Horz. Load 28	None					1			
79	Maint. Horz. Load 29	None					1			
80	Maint. Horz. Load 30	None					1			
81	Maint. Horz. Load 31	None					1			
82	Maint. Horz. Load 32	None					1			
83	Maint. Horz. Load 33	None					1			
84	Maint. Horz. Load 34	None					1			
85	Maint. Horz. Load 35	None					1			
86	Maint. Horz. Load 36	None					1			
87	Maint. Horz. Load 37	None					1			
88	Maint. Horz. Load 38	None					1			
89	Maint. Horz. Load 39	None					1			
90	Maint. Horz. Load 40	None					1			
91	Maint. Horz. Load 41	None					1			
92	Maint. Horz. Load 42	None					1			
93	Maint. Horz. Load 43	None					1			
94	Maint. Horz. Load 44	None					1			
95	Maint. Horz. Load 45	None					1			
96	Maint. Horz. Load 46	None					1			
97	Maint. Horz. Load 47	None					1			
98	Maint. Horz. Load 48	None					1			
99	Maint. Horz. Load 49	None					1			
100	Maint. Horz. Load 50	None					1			
101	Maint. Horz. Load 51	None					1			
102	Maint. Horz. Load 52	None					1			
103	Maint. Horz. Load 53	None					1			
104	Maint. Horz. Load 54	None					1			
105	Maint. Horz. Load 55	None					1			
106	Maint. Horz. Load 56	None					1			
107	Maint. Horz. Load 57	None					1			
108	Maint. Horz. Load 58	None					1			
109	Maint. Horz. Load 59	None					1			
110	Maint. Horz. Load 60	None					1			
111	Maint. Horz. Load 61	None					1			
112	Maint. Horz. Load 62	None					1			
113	Maint. Horz. Load 63	None					1			
114	Maint. Horz. Load 64	None					1			
115	Maint. Horz. Load 65	None					1			
116	Maint. Horz. Load 66	None					1			
117	Maint. Horz. Load 67	None					1			
118	Maint. Horz. Load 68	None					1			
119	Maint. Horz. Load 69	None					1			
120	Earthquake 0 Deg	None					44	42		
121	Earthquake 30 Deg	None					88	84		
122	Earthquake 60 Deg	None					88	84		
123	Earthquake 90 Deg	None					44	42		
124	Earthquake 120 Deg	None					88	84		
125	Earthquake 150 Deg	None					88	84		
126	Earthquake 180 Deg	None					44	42		
127	Earthquake 210 Deg	None					88	84		
128	Earthquake 240 Deg	None					88	84		
129	Earthquake 270 Deg	None					44	42		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
130	Earthquake 300 Deg	None					88	84		
131	Earthquake 330 Deg	None					88	84		

Load Combinations

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2 Dead + 1.0 Wind 0 deg	Y	Y	37	1.2	1	1																	
2	1.2 Dead + 1.0 Wind 30 deg	Y	Y	37	1.2	2	1																	
3	1.2 Dead + 1.0 Wind 60 deg	Y	Y	37	1.2	3	1																	
4	1.2 Dead + 1.0 Wind 90 deg	Y	Y	37	1.2	4	1																	
5	1.2 Dead + 1.0 Wind 120 deg	Y	Y	37	1.2	5	1																	
6	1.2 Dead + 1.0 Wind 150 deg	Y	Y	37	1.2	6	1																	
7	1.2 Dead + 1.0 Wind 180 deg	Y	Y	37	1.2	7	1																	
8	1.2 Dead + 1.0 Wind 210 deg	Y	Y	37	1.2	8	1																	
9	1.2 Dead + 1.0 Wind 240 deg	Y	Y	37	1.2	9	1																	
10	1.2 Dead + 1.0 Wind 270 deg	Y	Y	37	1.2	10	1																	
11	1.2 Dead + 1.0 Wind 300 deg	Y	Y	37	1.2	11	1																	
12	1.2 Dead + 1.0 Wind 330 deg	Y	Y	37	1.2	12	1																	
13	1.2 Dead +1.0 Ice + 1.0 Ice Wind 0 deg	Y	Y	37	1.2	38	1	13	1															
14	1.2 Dead +1.0 Ice + 1.0 Ice Wind 30 deg	Y	Y	37	1.2	38	1	14	1															
15	1.2 Dead +1.0 Ice + 1.0 Ice Wind 60 deg	Y	Y	37	1.2	38	1	15	1															
16	1.2 Dead +1.0 Ice + 1.0 Ice Wind 90 deg	Y	Y	37	1.2	38	1	16	1															
17	1.2 Dead +1.0 Ice + 1.0 Ice Wind 120 deg	Y	Y	37	1.2	38	1	17	1															
18	1.2 Dead +1.0 Ice + 1.0 Ice Wind 150 deg	Y	Y	37	1.2	38	1	18	1															
19	1.2 Dead +1.0 Ice + 1.0 Ice Wind 180 deg	Y	Y	37	1.2	38	1	19	1															
20	1.2 Dead +1.0 Ice + 1.0 Ice Wind 210 deg	Y	Y	37	1.2	38	1	20	1															
21	1.2 Dead +1.0 Ice + 1.0 Ice Wind 240 deg	Y	Y	37	1.2	38	1	21	1															
22	1.2 Dead +1.0 Ice + 1.0 Ice Wind 270 deg	Y	Y	37	1.2	38	1	22	1															
23	1.2 Dead +1.0 Ice + 1.0 Ice Wind 300 deg	Y	Y	37	1.2	38	1	23	1															
24	1.2 Dead +1.0 Ice + 1.0 Ice Wind 330 deg	Y	Y	37	1.2	38	1	24	1															
25	1.4 Dead Only	Y	Y	37	1.4																			
26	1.2 Dead +1.5 Maint. Pipe Load 1 +1.0 Maint...	Y	Y	37	1.2	39	1.5	25	1															
27	1.2 Dead +1.5 Maint. Pipe Load 1 +1.0 Maint...	Y	Y	37	1.2	39	1.5	26	1															
28	1.2 Dead +1.5 Maint. Pipe Load 1 +1.0 Maint...	Y	Y	37	1.2	39	1.5	27	1															
29	1.2 Dead +1.5 Maint. Pipe Load 1 +1.0 Maint...	Y	Y	37	1.2	39	1.5	28	1															
30	1.2 Dead +1.5 Maint. Pipe Load 1 +1.0 Maint...	Y	Y	37	1.2	39	1.5	29	1															
31	1.2 Dead +1.5 Maint. Pipe Load 1 +1.0 Maint...	Y	Y	37	1.2	39	1.5	30	1															
32	1.2 Dead +1.5 Maint. Pipe Load 1 +1.0 Maint...	Y	Y	37	1.2	39	1.5	31	1															
33	1.2 Dead +1.5 Maint. Pipe Load 1 +1.0 Maint...	Y	Y	37	1.2	39	1.5	32	1															
34	1.2 Dead +1.5 Maint. Pipe Load 1 +1.0 Maint...	Y	Y	37	1.2	39	1.5	33	1															
35	1.2 Dead +1.5 Maint. Pipe Load 1 +1.0 Maint...	Y	Y	37	1.2	39	1.5	34	1															
36	1.2 Dead +1.5 Maint. Pipe Load 1 +1.0 Maint...	Y	Y	37	1.2	39	1.5	35	1															
37	1.2 Dead +1.5 Maint. Pipe Load 1 +1.0 Maint...	Y	Y	37	1.2	39	1.5	36	1															
38	1.2 Dead +1.5 Maint. Pipe Load 2 +1.0 Maint...	Y	Y	37	1.2	40	1.5	25	1															
39	1.2 Dead +1.5 Maint. Pipe Load 2 +1.0 Maint...	Y	Y	37	1.2	40	1.5	26	1															
40	1.2 Dead +1.5 Maint. Pipe Load 2 +1.0 Maint...	Y	Y	37	1.2	40	1.5	27	1															
41	1.2 Dead +1.5 Maint. Pipe Load 2 +1.0 Maint...	Y	Y	37	1.2	40	1.5	28	1															
42	1.2 Dead +1.5 Maint. Pipe Load 2 +1.0 Maint...	Y	Y	37	1.2	40	1.5	29	1															
43	1.2 Dead +1.5 Maint. Pipe Load 2 +1.0 Maint...	Y	Y	37	1.2	40	1.5	30	1															
44	1.2 Dead +1.5 Maint. Pipe Load 2 +1.0 Maint...	Y	Y	37	1.2	40	1.5	31	1															
45	1.2 Dead +1.5 Maint. Pipe Load 2 +1.0 Maint...	Y	Y	37	1.2	40	1.5	32	1															

Load Combinations (Continued)

	Description	S	P	S	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa
46	1.2 Dead +1.5 Maint. Pipe Load 2 +1.0 Maint.	Y		Y	37	1.2	40	1.5	33	1																				
47	1.2 Dead +1.5 Maint. Pipe Load 2 +1.0 Maint.	Y		Y	37	1.2	40	1.5	34	1																				
48	1.2 Dead +1.5 Maint. Pipe Load 2 +1.0 Maint.	Y		Y	37	1.2	40	1.5	35	1																				
49	1.2 Dead +1.5 Maint. Pipe Load 2 +1.0 Maint.	Y		Y	37	1.2	40	1.5	36	1																				
50	1.2 Dead +1.5 Maint. Pipe Load 3 +1.0 Maint.	Y		Y	37	1.2	41	1.5	25	1																				
51	1.2 Dead +1.5 Maint. Pipe Load 3 +1.0 Maint.	Y		Y	37	1.2	41	1.5	26	1																				
52	1.2 Dead +1.5 Maint. Pipe Load 3 +1.0 Maint.	Y		Y	37	1.2	41	1.5	27	1																				
53	1.2 Dead +1.5 Maint. Pipe Load 3 +1.0 Maint.	Y		Y	37	1.2	41	1.5	28	1																				
54	1.2 Dead +1.5 Maint. Pipe Load 3 +1.0 Maint.	Y		Y	37	1.2	41	1.5	29	1																				
55	1.2 Dead +1.5 Maint. Pipe Load 3 +1.0 Maint.	Y		Y	37	1.2	41	1.5	30	1																				
56	1.2 Dead +1.5 Maint. Pipe Load 3 +1.0 Maint.	Y		Y	37	1.2	41	1.5	31	1																				
57	1.2 Dead +1.5 Maint. Pipe Load 3 +1.0 Maint.	Y		Y	37	1.2	41	1.5	32	1																				
58	1.2 Dead +1.5 Maint. Pipe Load 3 +1.0 Maint.	Y		Y	37	1.2	41	1.5	33	1																				
59	1.2 Dead +1.5 Maint. Pipe Load 3 +1.0 Maint.	Y		Y	37	1.2	41	1.5	34	1																				
60	1.2 Dead +1.5 Maint. Pipe Load 3 +1.0 Maint.	Y		Y	37	1.2	41	1.5	35	1																				
61	1.2 Dead +1.5 Maint. Pipe Load 3 +1.0 Maint.	Y		Y	37	1.2	41	1.5	36	1																				
62	1.2 Dead +1.5 Maint. Pipe Load 4 +1.0 Maint.	Y		Y	37	1.2	42	1.5	25	1																				
63	1.2 Dead +1.5 Maint. Pipe Load 4 +1.0 Maint.	Y		Y	37	1.2	42	1.5	26	1																				
64	1.2 Dead +1.5 Maint. Pipe Load 4 +1.0 Maint.	Y		Y	37	1.2	42	1.5	27	1																				
65	1.2 Dead +1.5 Maint. Pipe Load 4 +1.0 Maint.	Y		Y	37	1.2	42	1.5	28	1																				
66	1.2 Dead +1.5 Maint. Pipe Load 4 +1.0 Maint.	Y		Y	37	1.2	42	1.5	29	1																				
67	1.2 Dead +1.5 Maint. Pipe Load 4 +1.0 Maint.	Y		Y	37	1.2	42	1.5	30	1																				
68	1.2 Dead +1.5 Maint. Pipe Load 4 +1.0 Maint.	Y		Y	37	1.2	42	1.5	31	1																				
69	1.2 Dead +1.5 Maint. Pipe Load 4 +1.0 Maint.	Y		Y	37	1.2	42	1.5	32	1																				
70	1.2 Dead +1.5 Maint. Pipe Load 4 +1.0 Maint.	Y		Y	37	1.2	42	1.5	33	1																				
71	1.2 Dead +1.5 Maint. Pipe Load 4 +1.0 Maint.	Y		Y	37	1.2	42	1.5	34	1																				
72	1.2 Dead +1.5 Maint. Pipe Load 4 +1.0 Maint.	Y		Y	37	1.2	42	1.5	35	1																				
73	1.2 Dead +1.5 Maint. Pipe Load 4 +1.0 Maint.	Y		Y	37	1.2	42	1.5	36	1																				
74	1.2 Dead +1.5 Maint. Pipe Load 5 +1.0 Maint.	Y		Y	37	1.2	43	1.5	25	1																				
75	1.2 Dead +1.5 Maint. Pipe Load 5 +1.0 Maint.	Y		Y	37	1.2	43	1.5	26	1																				
76	1.2 Dead +1.5 Maint. Pipe Load 5 +1.0 Maint.	Y		Y	37	1.2	43	1.5	27	1																				
77	1.2 Dead +1.5 Maint. Pipe Load 5 +1.0 Maint.	Y		Y	37	1.2	43	1.5	28	1																				
78	1.2 Dead +1.5 Maint. Pipe Load 5 +1.0 Maint.	Y		Y	37	1.2	43	1.5	29	1																				
79	1.2 Dead +1.5 Maint. Pipe Load 5 +1.0 Maint.	Y		Y	37	1.2	43	1.5	30	1																				
80	1.2 Dead +1.5 Maint. Pipe Load 5 +1.0 Maint.	Y		Y	37	1.2	43	1.5	31	1																				
81	1.2 Dead +1.5 Maint. Pipe Load 5 +1.0 Maint.	Y		Y	37	1.2	43	1.5	32	1																				
82	1.2 Dead +1.5 Maint. Pipe Load 5 +1.0 Maint.	Y		Y	37	1.2	43	1.5	33	1																				
83	1.2 Dead +1.5 Maint. Pipe Load 5 +1.0 Maint.	Y		Y	37	1.2	43	1.5	34	1																				
84	1.2 Dead +1.5 Maint. Pipe Load 5 +1.0 Maint.	Y		Y	37	1.2	43	1.5	35	1																				
85	1.2 Dead +1.5 Maint. Pipe Load 5 +1.0 Maint.	Y		Y	37	1.2	43	1.5	36	1																				
86	1.2 Dead +1.5 Maint. Pipe Load 6 +1.0 Maint.	Y		Y	37	1.2	44	1.5	25	1																				
87	1.2 Dead +1.5 Maint. Pipe Load 6 +1.0 Maint.	Y		Y	37	1.2	44	1.5	26	1																				
88	1.2 Dead +1.5 Maint. Pipe Load 6 +1.0 Maint.	Y		Y	37	1.2	44	1.5	27	1																				
89	1.2 Dead +1.5 Maint. Pipe Load 6 +1.0 Maint.	Y		Y	37	1.2	44	1.5	28	1																				
90	1.2 Dead +1.5 Maint. Pipe Load 6 +1.0 Maint.	Y		Y	37	1.2	44	1.5	29	1																				
91	1.2 Dead +1.5 Maint. Pipe Load 6 +1.0 Maint.	Y		Y	37	1.2	44	1.5	30	1																				
92	1.2 Dead +1.5 Maint. Pipe Load 6 +1.0 Maint.	Y		Y	37	1.2	44	1.5	31	1																				
93	1.2 Dead +1.5 Maint. Pipe Load 6 +1.0 Maint.	Y		Y	37	1.2	44	1.5	32	1																				
94	1.2 Dead +1.5 Maint. Pipe Load 6 +1.0 Maint.	Y		Y	37	1.2	44	1.5	33	1																				
95	1.2 Dead +1.5 Maint. Pipe Load 6 +1.0 Maint.	Y		Y	37	1.2	44	1.5	34	1																				
96	1.2 Dead +1.5 Maint. Pipe Load 6 +1.0 Maint.	Y		Y	37	1.2	44	1.5	35	1																				
97	1.2 Dead +1.5 Maint. Pipe Load 6 +1.0 Maint.	Y		Y	37	1.2	44	1.5	36	1																				

Load Combinations (Continued)

	Description	S	P	S	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa
98	1.2 Dead +1.5 Maint. Pipe Load 7 +1.0 Maint..	Y		Y	37	1.2	45	1.5	25	1																		
99	1.2 Dead +1.5 Maint. Pipe Load 7 +1.0 Maint..	Y		Y	37	1.2	45	1.5	26	1																		
100	1.2 Dead +1.5 Maint. Pipe Load 7 +1.0 Maint..	Y		Y	37	1.2	45	1.5	27	1																		
101	1.2 Dead +1.5 Maint. Pipe Load 7 +1.0 Maint..	Y		Y	37	1.2	45	1.5	28	1																		
102	1.2 Dead +1.5 Maint. Pipe Load 7 +1.0 Maint..	Y		Y	37	1.2	45	1.5	29	1																		
103	1.2 Dead +1.5 Maint. Pipe Load 7 +1.0 Maint..	Y		Y	37	1.2	45	1.5	30	1																		
104	1.2 Dead +1.5 Maint. Pipe Load 7 +1.0 Maint..	Y		Y	37	1.2	45	1.5	31	1																		
105	1.2 Dead +1.5 Maint. Pipe Load 7 +1.0 Maint..	Y		Y	37	1.2	45	1.5	32	1																		
106	1.2 Dead +1.5 Maint. Pipe Load 7 +1.0 Maint..	Y		Y	37	1.2	45	1.5	33	1																		
107	1.2 Dead +1.5 Maint. Pipe Load 7 +1.0 Maint..	Y		Y	37	1.2	45	1.5	34	1																		
108	1.2 Dead +1.5 Maint. Pipe Load 7 +1.0 Maint..	Y		Y	37	1.2	45	1.5	35	1																		
109	1.2 Dead +1.5 Maint. Pipe Load 7 +1.0 Maint..	Y		Y	37	1.2	45	1.5	36	1																		
110	1.2 Dead +1.5 Maint. Pipe Load 8 +1.0 Maint..	Y		Y	37	1.2	46	1.5	25	1																		
111	1.2 Dead +1.5 Maint. Pipe Load 8 +1.0 Maint..	Y		Y	37	1.2	46	1.5	26	1																		
112	1.2 Dead +1.5 Maint. Pipe Load 8 +1.0 Maint..	Y		Y	37	1.2	46	1.5	27	1																		
113	1.2 Dead +1.5 Maint. Pipe Load 8 +1.0 Maint..	Y		Y	37	1.2	46	1.5	28	1																		
114	1.2 Dead +1.5 Maint. Pipe Load 8 +1.0 Maint..	Y		Y	37	1.2	46	1.5	29	1																		
115	1.2 Dead +1.5 Maint. Pipe Load 8 +1.0 Maint..	Y		Y	37	1.2	46	1.5	30	1																		
116	1.2 Dead +1.5 Maint. Pipe Load 8 +1.0 Maint..	Y		Y	37	1.2	46	1.5	31	1																		
117	1.2 Dead +1.5 Maint. Pipe Load 8 +1.0 Maint..	Y		Y	37	1.2	46	1.5	32	1																		
118	1.2 Dead +1.5 Maint. Pipe Load 8 +1.0 Maint..	Y		Y	37	1.2	46	1.5	33	1																		
119	1.2 Dead +1.5 Maint. Pipe Load 8 +1.0 Maint..	Y		Y	37	1.2	46	1.5	34	1																		
120	1.2 Dead +1.5 Maint. Pipe Load 8 +1.0 Maint..	Y		Y	37	1.2	46	1.5	35	1																		
121	1.2 Dead +1.5 Maint. Pipe Load 8 +1.0 Maint..	Y		Y	37	1.2	46	1.5	36	1																		
122	1.2 Dead +1.5 Maint. Pipe Load 9 +1.0 Maint..	Y		Y	37	1.2	47	1.5	25	1																		
123	1.2 Dead +1.5 Maint. Pipe Load 9 +1.0 Maint..	Y		Y	37	1.2	47	1.5	26	1																		
124	1.2 Dead +1.5 Maint. Pipe Load 9 +1.0 Maint..	Y		Y	37	1.2	47	1.5	27	1																		
125	1.2 Dead +1.5 Maint. Pipe Load 9 +1.0 Maint..	Y		Y	37	1.2	47	1.5	28	1																		
126	1.2 Dead +1.5 Maint. Pipe Load 9 +1.0 Maint..	Y		Y	37	1.2	47	1.5	29	1																		
127	1.2 Dead +1.5 Maint. Pipe Load 9 +1.0 Maint..	Y		Y	37	1.2	47	1.5	30	1																		
128	1.2 Dead +1.5 Maint. Pipe Load 9 +1.0 Maint..	Y		Y	37	1.2	47	1.5	31	1																		
129	1.2 Dead +1.5 Maint. Pipe Load 9 +1.0 Maint..	Y		Y	37	1.2	47	1.5	32	1																		
130	1.2 Dead +1.5 Maint. Pipe Load 9 +1.0 Maint..	Y		Y	37	1.2	47	1.5	33	1																		
131	1.2 Dead +1.5 Maint. Pipe Load 9 +1.0 Maint..	Y		Y	37	1.2	47	1.5	34	1																		
132	1.2 Dead +1.5 Maint. Pipe Load 9 +1.0 Maint..	Y		Y	37	1.2	47	1.5	35	1																		
133	1.2 Dead +1.5 Maint. Pipe Load 9 +1.0 Maint..	Y		Y	37	1.2	47	1.5	36	1																		
134	1.2 Dead +1.5 Maint. Pipe Load 10 + 1.0 Mai...	Y		Y	37	1.2	48	1.5	25	1																		
135	1.2 Dead +1.5 Maint. Pipe Load 10 + 1.0 Mai...	Y		Y	37	1.2	48	1.5	26	1																		
136	1.2 Dead +1.5 Maint. Pipe Load 10 + 1.0 Mai...	Y		Y	37	1.2	48	1.5	27	1																		
137	1.2 Dead +1.5 Maint. Pipe Load 10 + 1.0 Mai...	Y		Y	37	1.2	48	1.5	28	1																		
138	1.2 Dead +1.5 Maint. Pipe Load 10 + 1.0 Mai...	Y		Y	37	1.2	48	1.5	29	1																		
139	1.2 Dead +1.5 Maint. Pipe Load 10 + 1.0 Mai...	Y		Y	37	1.2	48	1.5	30	1																		
140	1.2 Dead +1.5 Maint. Pipe Load 10 + 1.0 Mai...	Y		Y	37	1.2	48	1.5	31	1																		
141	1.2 Dead +1.5 Maint. Pipe Load 10 + 1.0 Mai...	Y		Y	37	1.2	48	1.5	32	1																		
142	1.2 Dead +1.5 Maint. Pipe Load 10 + 1.0 Mai...	Y		Y	37	1.2	48	1.5	33	1																		
143	1.2 Dead +1.5 Maint. Pipe Load 10 + 1.0 Mai...	Y		Y	37	1.2	48	1.5	34	1																		
144	1.2 Dead +1.5 Maint. Pipe Load 10 + 1.0 Mai...	Y		Y	37	1.2	48	1.5	35	1																		
145	1.2 Dead +1.5 Maint. Pipe Load 10 + 1.0 Mai...	Y		Y	37	1.2	48	1.5	36	1																		
146	1.2 Dead +1.5 Maint. Pipe Load 11 + 1.0 Mai...	Y		Y	37	1.2	49	1.5	25	1																		
147	1.2 Dead +1.5 Maint. Pipe Load 11 + 1.0 Mai...	Y		Y	37	1.2	49	1.5	26	1																		
148	1.2 Dead +1.5 Maint. Pipe Load 11 + 1.0 Mai...	Y		Y	37	1.2	49	1.5	27	1																		
149	1.2 Dead +1.5 Maint. Pipe Load 11 + 1.0 Mai...	Y		Y	37	1.2	49	1.5	28	1																		

Load Combinations (Continued)

	Description	S	P	S	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa
150	1.2 Dead +1.5 Maint. Pipe Load 11 + 1.0 Mai...	Y		Y	37	1.2	49	1.5	29	1																				
151	1.2 Dead +1.5 Maint. Pipe Load 11 + 1.0 Mai...	Y		Y	37	1.2	49	1.5	30	1																				
152	1.2 Dead +1.5 Maint. Pipe Load 11 + 1.0 Mai...	Y		Y	37	1.2	49	1.5	31	1																				
153	1.2 Dead +1.5 Maint. Pipe Load 11 + 1.0 Mai...	Y		Y	37	1.2	49	1.5	32	1																				
154	1.2 Dead +1.5 Maint. Pipe Load 11 + 1.0 Mai...	Y		Y	37	1.2	49	1.5	33	1																				
155	1.2 Dead +1.5 Maint. Pipe Load 11 + 1.0 Mai...	Y		Y	37	1.2	49	1.5	34	1																				
156	1.2 Dead +1.5 Maint. Pipe Load 11 + 1.0 Mai...	Y		Y	37	1.2	49	1.5	35	1																				
157	1.2 Dead +1.5 Maint. Pipe Load 11 + 1.0 Mai...	Y		Y	37	1.2	49	1.5	36	1																				
158	1.2 Dead +1.5 Maint. Pipe Load 12 + 1.0 Mai...	Y		Y	37	1.2	50	1.5	25	1																				
159	1.2 Dead +1.5 Maint. Pipe Load 12 + 1.0 Mai...	Y		Y	37	1.2	50	1.5	26	1																				
160	1.2 Dead +1.5 Maint. Pipe Load 12 + 1.0 Mai...	Y		Y	37	1.2	50	1.5	27	1																				
161	1.2 Dead +1.5 Maint. Pipe Load 12 + 1.0 Mai...	Y		Y	37	1.2	50	1.5	28	1																				
162	1.2 Dead +1.5 Maint. Pipe Load 12 + 1.0 Mai...	Y		Y	37	1.2	50	1.5	29	1																				
163	1.2 Dead +1.5 Maint. Pipe Load 12 + 1.0 Mai...	Y		Y	37	1.2	50	1.5	30	1																				
164	1.2 Dead +1.5 Maint. Pipe Load 12 + 1.0 Mai...	Y		Y	37	1.2	50	1.5	31	1																				
165	1.2 Dead +1.5 Maint. Pipe Load 12 + 1.0 Mai...	Y		Y	37	1.2	50	1.5	32	1																				
166	1.2 Dead +1.5 Maint. Pipe Load 12 + 1.0 Mai...	Y		Y	37	1.2	50	1.5	33	1																				
167	1.2 Dead +1.5 Maint. Pipe Load 12 + 1.0 Mai...	Y		Y	37	1.2	50	1.5	34	1																				
168	1.2 Dead +1.5 Maint. Pipe Load 12 + 1.0 Mai...	Y		Y	37	1.2	50	1.5	35	1																				
169	1.2 Dead +1.5 Maint. Pipe Load 12 + 1.0 Mai...	Y		Y	37	1.2	50	1.5	36	1																				
170	1.2 Dead + 1.5 Maint. Horz. Load 1	Y		Y	37	1.2	51	1.5																						
171	1.2 Dead + 1.5 Maint. Horz. Load 2	Y		Y	37	1.2	52	1.5																						
172	1.2 Dead + 1.5 Maint. Horz. Load 3	Y		Y	37	1.2	53	1.5																						
173	1.2 Dead + 1.5 Maint. Horz. Load 4	Y		Y	37	1.2	54	1.5																						
174	1.2 Dead + 1.5 Maint. Horz. Load 5	Y		Y	37	1.2	55	1.5																						
175	1.2 Dead + 1.5 Maint. Horz. Load 6	Y		Y	37	1.2	56	1.5																						
176	1.2 Dead + 1.5 Maint. Horz. Load 7	Y		Y	37	1.2	57	1.5																						
177	1.2 Dead + 1.5 Maint. Horz. Load 8	Y		Y	37	1.2	58	1.5																						
178	1.2 Dead + 1.5 Maint. Horz. Load 9	Y		Y	37	1.2	59	1.5																						
179	1.2 Dead + 1.5 Maint. Horz. Load 10	Y		Y	37	1.2	60	1.5																						
180	1.2 Dead + 1.5 Maint. Horz. Load 11	Y		Y	37	1.2	61	1.5																						
181	1.2 Dead + 1.5 Maint. Horz. Load 12	Y		Y	37	1.2	62	1.5																						
182	1.2 Dead + 1.5 Maint. Horz. Load 13	Y		Y	37	1.2	63	1.5																						
183	1.2 Dead + 1.5 Maint. Horz. Load 14	Y		Y	37	1.2	64	1.5																						
184	1.2 Dead + 1.5 Maint. Horz. Load 15	Y		Y	37	1.2	65	1.5																						
185	1.2 Dead + 1.5 Maint. Horz. Load 16	Y		Y	37	1.2	66	1.5																						
186	1.2 Dead + 1.5 Maint. Horz. Load 17	Y		Y	37	1.2	67	1.5																						
187	1.2 Dead + 1.5 Maint. Horz. Load 18	Y		Y	37	1.2	68	1.5																						
188	1.2 Dead + 1.5 Maint. Horz. Load 19	Y		Y	37	1.2	69	1.5																						
189	1.2 Dead + 1.5 Maint. Horz. Load 20	Y		Y	37	1.2	70	1.5																						
190	1.2 Dead + 1.5 Maint. Horz. Load 21	Y		Y	37	1.2	71	1.5																						
191	1.2 Dead + 1.5 Maint. Horz. Load 22	Y		Y	37	1.2	72	1.5																						
192	1.2 Dead + 1.5 Maint. Horz. Load 23	Y		Y	37	1.2	73	1.5																						
193	1.2 Dead + 1.5 Maint. Horz. Load 24	Y		Y	37	1.2	74	1.5																						
194	1.2 Dead + 1.5 Maint. Horz. Load 25	Y		Y	37	1.2	75	1.5																						
195	1.2 Dead + 1.5 Maint. Horz. Load 26	Y		Y	37	1.2	76	1.5																						
196	1.2 Dead + 1.5 Maint. Horz. Load 27	Y		Y	37	1.2	77	1.5																						
197	1.2 Dead + 1.5 Maint. Horz. Load 28	Y		Y	37	1.2	78	1.5																						
198	1.2 Dead + 1.5 Maint. Horz. Load 29	Y		Y	37	1.2	79	1.5																						
199	1.2 Dead + 1.5 Maint. Horz. Load 30	Y		Y	37	1.2	80	1.5																						
200	1.2 Dead + 1.5 Maint. Horz. Load 31	Y		Y	37	1.2	81	1.5																						
201	1.2 Dead + 1.5 Maint. Horz. Load 32	Y		Y	37	1.2	82	1.5																						

Load Combinations (Continued)

	Description	S	P	S	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa	B	Fa
202	1.2 Dead + 1.5 Maint. Horz. Load 33	Y	Y		37	1.2	83	1.5																		
203	1.2 Dead + 1.5 Maint. Horz. Load 34	Y	Y		37	1.2	84	1.5																		
204	1.2 Dead + 1.5 Maint. Horz. Load 35	Y	Y		37	1.2	85	1.5																		
205	1.2 Dead + 1.5 Maint. Horz. Load 36	Y	Y		37	1.2	86	1.5																		
206	1.2 Dead + 1.5 Maint. Horz. Load 37	Y	Y		37	1.2	87	1.5																		
207	1.2 Dead + 1.5 Maint. Horz. Load 38	Y	Y		37	1.2	88	1.5																		
208	1.2 Dead + 1.5 Maint. Horz. Load 39	Y	Y		37	1.2	89	1.5																		
209	1.2 Dead + 1.5 Maint. Horz. Load 40	Y	Y		37	1.2	90	1.5																		
210	1.2 Dead + 1.5 Maint. Horz. Load 41	Y	Y		37	1.2	91	1.5																		
211	1.2 Dead + 1.5 Maint. Horz. Load 42	Y	Y		37	1.2	92	1.5																		
212	1.2 Dead + 1.5 Maint. Horz. Load 43	Y	Y		37	1.2	93	1.5																		
213	1.2 Dead + 1.5 Maint. Horz. Load 44	Y	Y		37	1.2	94	1.5																		
214	1.2 Dead + 1.5 Maint. Horz. Load 45	Y	Y		37	1.2	95	1.5																		
215	1.2 Dead + 1.5 Maint. Horz. Load 46	Y	Y		37	1.2	96	1.5																		
216	1.2 Dead + 1.5 Maint. Horz. Load 47	Y	Y		37	1.2	97	1.5																		
217	1.2 Dead + 1.5 Maint. Horz. Load 48	Y	Y		37	1.2	98	1.5																		
218	1.2 Dead + 1.5 Maint. Horz. Load 49	Y	Y		37	1.2	99	1.5																		
219	1.2 Dead + 1.5 Maint. Horz. Load 50	Y	Y		37	1.2	1	1.5																		
220	1.2 Dead + 1.5 Maint. Horz. Load 51	Y	Y		37	1.2	1	1.5																		
221	1.2 Dead + 1.5 Maint. Horz. Load 52	Y	Y		37	1.2	1	1.5																		
222	1.2 Dead + 1.5 Maint. Horz. Load 53	Y	Y		37	1.2	1	1.5																		
223	1.2 Dead + 1.5 Maint. Horz. Load 54	Y	Y		37	1.2	1	1.5																		
224	1.2 Dead + 1.5 Maint. Horz. Load 55	Y	Y		37	1.2	1	1.5																		
225	1.2 Dead + 1.5 Maint. Horz. Load 56	Y	Y		37	1.2	1	1.5																		
226	1.2 Dead + 1.5 Maint. Horz. Load 57	Y	Y		37	1.2	1	1.5																		
227	1.2 Dead + 1.5 Maint. Horz. Load 58	Y	Y		37	1.2	1	1.5																		
228	1.2 Dead + 1.5 Maint. Horz. Load 59	Y	Y		37	1.2	1	1.5																		
229	1.2 Dead + 1.5 Maint. Horz. Load 60	Y	Y		37	1.2	1	1.5																		
230	1.2 Dead + 1.5 Maint. Horz. Load 61	Y	Y		37	1.2	1	1.5																		
231	1.2 Dead + 1.5 Maint. Horz. Load 62	Y	Y		37	1.2	1	1.5																		
232	1.2 Dead + 1.5 Maint. Horz. Load 63	Y	Y		37	1.2	1	1.5																		
233	1.2 Dead + 1.5 Maint. Horz. Load 64	Y	Y		37	1.2	1	1.5																		
234	1.2 Dead + 1.5 Maint. Horz. Load 65	Y	Y		37	1.2	1	1.5																		
235	1.2 Dead + 1.5 Maint. Horz. Load 66	Y	Y		37	1.2	1	1.5																		
236	1.2 Dead + 1.5 Maint. Horz. Load 67	Y	Y		37	1.2	1	1.5																		
237	1.2 Dead + 1.5 Maint. Horz. Load 68	Y	Y		37	1.2	1	1.5																		
238	1.2 Dead + 1.5 Maint. Horz. Load 69	Y	Y		37	1.2	1	1.5																		
239	1.2 Dead + 1.0 Earthquake 0 deg	Y	Y		37	1.2	1	1																		
240	1.2 Dead + 1.0 Earthquake 30 deg	Y	Y		37	1.2	1	1																		
241	1.2 Dead + 1.0 Earthquake 60 deg	Y	Y		37	1.2	1	1																		
242	1.2 Dead + 1.0 Earthquake 90 deg	Y	Y		37	1.2	1	1																		
243	1.2 Dead + 1.0 Earthquake 120 deg	Y	Y		37	1.2	1	1																		
244	1.2 Dead + 1.0 Earthquake 150 deg	Y	Y		37	1.2	1	1																		
245	1.2 Dead + 1.0 Earthquake 180 deg	Y	Y		37	1.2	1	1																		
246	1.2 Dead + 1.0 Earthquake 210 deg	Y	Y		37	1.2	1	1																		
247	1.2 Dead + 1.0 Earthquake 240 deg	Y	Y		37	1.2	1	1																		
248	1.2 Dead + 1.0 Earthquake 270 deg	Y	Y		37	1.2	1	1																		
249	1.2 Dead + 1.0 Earthquake 300 deg	Y	Y		37	1.2	1	1																		
250	1.2 Dead + 1.0 Earthquake 330 deg	Y	Y		37	1.2	1	1																		

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	6	max	.061	10	2.34	13	1.173	7	.071	13	.112	4	.069	4
2		min	-.058	4	-.713	7	-3.694	13	-.002	7	-.122	10	-.076	10
3	5	max	.948	3	2.427	21	1.91	21	.042	12	.097	12	.015	6
4		min	-3.323	21	-.665	3	-.541	3	-.075	6	-.117	6	-.06	24
5	4	max	3.101	17	2.274	17	1.797	17	.046	2	.084	8	.071	15
6		min	-1.092	11	-.769	11	-.627	11	-.058	8	-.103	2	-.007	12
7	3	max	1.565	10	1.026	17	5.539	1	1.115	14	1.628	4	.488	4
8		min	-1.572	4	.215	11	-3.387	7	.148	8	-1.615	10	-.478	107
9	2	max	4.903	9	1.146	13	1.768	2	.326	1	1.675	12	-.089	5
10		min	-2.945	3	.211	7	-2.882	8	-.742	152	-1.657	6	-1.134	24
11	1	max	2.88	11	1.09	21	2.281	12	.221	2	1.586	8	.895	16
12		min	-4.509	5	.204	3	-3.234	6	-.926	20	-1.571	2	-.034	10
13	Totals:	max	5.403	10	9.084	22	5.455	1						
14		min	-5.403	4	3.366	4	-5.455	7						

Envelope Joint Displacements

	Joint		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [...	LC	Y Rotation [...	LC	Z Rotation [...	LC
1	(0,0,0)	max	0	250	0	250	0	250	0	250	0	250	0	250
2		min	0	1	0	1	0	1	0	1	0	1	0	1
3	3	max	0	250	0	250	0	250	0	250	0	250	0	250
4		min	0	1	0	1	0	1	0	1	0	1	0	1
5	N3	max	.011	4	0	7	0	7	2.489e-4	7	5.217e-4	10	7.352e-4	107
6		min	-.011	10	-.008	14	-.001	1	-5.414e-4	1	-5.299e-4	4	-7.515e-4	4
7	N4	max	.026	4	.013	7	.003	7	6.43e-4	7	2.531e-4	10	1.422e-3	119
8		min	-.026	10	-.031	1	-.004	1	-1.397e-3	1	-2.61e-4	4	-2.02e-3	29
9	N5	max	.011	4	.015	6	.01	9	3.06e-3	5	6.699e-4	7	2.39e-3	109
10		min	-.011	10	-.055	109	-.011	3	-3.232e-3	11	-6.495e-4	1	-5.226e-4	6
11	N6	max	.011	4	.018	6	.015	6	3.819e-3	5	9.873e-5	12	9.49e-3	11
12		min	-.011	10	-.071	109	-.015	12	-3.959e-3	11	-1.235e-4	6	-8.551e-3	5
13	N7	max	.011	4	.012	10	.012	8	2.628e-3	9	7.738e-4	2	4.5e-4	10
14		min	-.011	10	-.052	16	-.012	2	-3.31e-3	3	-8.201e-4	8	-2.307e-3	16
15	N8	max	.011	4	.015	10	.018	8	3.289e-3	9	6.58e-4	8	8.936e-3	9
16		min	-.011	10	-.068	16	-.018	2	-4.061e-3	3	-6.291e-4	2	-9.134e-3	3
17	N9	max	.026	4	.018	6	.016	7	4.28e-3	4	5.354e-4	6	9.465e-3	10
18		min	-.026	10	-.035	121	-.016	1	-3.916e-3	10	-5.429e-4	12	-8.577e-3	4
19	N10	max	.026	4	.013	7	.005	7	1.063e-3	203	1.29e-3	7	1.494e-3	119
20		min	-.026	10	-.029	1	-.006	1	-1.013e-3	11	-1.08e-3	1	-1.992e-3	29
21	N11	max	.026	4	.018	8	.016	7	5.214e-3	9	9.462e-4	2	8.664e-3	9
22		min	-.026	10	-.042	2	-.016	1	-4.587e-3	3	-9.93e-4	8	-9.898e-3	3
23	N12	max	.026	4	.013	7	.005	7	1.156e-3	8	1.13e-3	1	1.384e-3	119
24		min	-.026	10	-.032	1	-.006	1	-1.425e-3	2	-1.308e-3	7	-2.1e-3	29
25	2	max	0	250	0	250	0	250	0	250	0	250	0	250
26		min	0	1	0	1	0	1	0	1	0	1	0	1
27	N14	max	.005	6	0	3	.01	6	7.849e-4	7	5.09e-4	6	6.468e-4	96
28		min	-.006	12	-.009	21	-.009	12	-8.562e-4	1	-5.182e-4	12	-2.166e-4	5
29	N15	max	.012	6	.013	3	.022	6	1.617e-3	163	2.326e-4	10	2.025e-3	83
30		min	-.013	12	-.031	9	-.021	12	-1.511e-3	12	-2.402e-4	4	-7.267e-4	4
31	N16	max	.014	6	.019	2	.006	8	3.457e-3	7	6.066e-4	2	2.332e-3	7
32		min	-.015	12	-.053	153	-.006	2	-2.265e-3	1	-5.912e-4	8	-2.897e-3	1

Envelope Joint Displacements (Continued)

	Joint		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [...	LC	Y Rotation [...	LC	Z Rotation [...	LC
33	N17	max	.016	6	.023	2	.009	8	1.18e-2	7	1.14e-4	8	1.237e-3	12
34		min	-.017	12	-.069	153	-.008	2	-1.109e-2	1	-1.385e-4	2	-1.579e-3	6
35	N18	max	.014	4	.009	6	.014	6	2.186e-4	10	8.579e-4	10	3.872e-3	11
36		min	-.014	10	-.057	24	-.014	12	-1.714e-3	101	-9.062e-4	4	-2.357e-3	5
37	N19	max	.02	4	.011	6	.014	6	6.075e-3	5	6.945e-4	4	8.294e-3	11
38		min	-.019	10	-.074	24	-.014	12	-6.085e-3	11	-6.648e-4	10	-7.358e-3	5
39	N20	max	.016	6	.021	2	.019	6	1.1e-2	6	5.404e-4	2	6.91e-4	11
40		min	-.017	12	-.034	165	-.019	12	-1.056e-2	12	-5.425e-4	8	-1.376e-3	5
41	N21	max	.013	6	.013	2	.021	6	1.545e-3	163	1.172e-3	3	1.406e-3	82
42		min	-.014	12	-.029	8	-.021	12	-2.045e-3	12	-9.644e-4	9	-9.87e-4	209
43	N22	max	.013	5	.016	4	.022	6	5.429e-3	6	1.092e-3	10	9.163e-3	11
44		min	-.014	11	-.044	10	-.022	12	-7.082e-3	12	-1.136e-3	4	-8.97e-3	5
45	N23	max	.012	6	.012	3	.022	6	1.244e-3	163	1.264e-3	9	2.081e-3	10
46		min	-.013	12	-.033	9	-.022	12	-1.58e-3	85	-1.448e-3	3	-1.326e-3	4
47	1	max	0	250	0	250	0	250	0	250	0	250	0	250
48		min	0	1	0	1	0	1	0	1	0	1	0	1
49	N25	max	.005	2	0	12	.009	8	8.776e-4	8	4.499e-4	2	5.546e-4	10
50		min	-.005	8	-.008	18	-.009	2	-4.915e-4	2	-4.587e-4	8	-6.524e-4	4
51	N26	max	.011	2	.014	11	.019	8	2.354e-3	127	2.378e-4	6	9.251e-4	10
52		min	-.01	8	-.029	5	-.018	2	-1.005e-3	12	-2.455e-4	12	-1.502e-3	65
53	N27	max	.01	4	.019	10	.013	8	4.015e-4	2	6.842e-4	10	2.907e-3	9
54		min	-.009	10	-.05	53	-.013	2	-1.695e-3	57	-6.641e-4	4	-3.519e-3	3
55	N28	max	.014	4	.023	10	.014	8	5.635e-3	8	1.237e-4	4	7.567e-3	9
56		min	-.014	10	-.065	53	-.014	2	-6.194e-3	2	-1.495e-4	10	-7.948e-3	3
57	N29	max	.01	6	.011	2	.01	6	3.579e-3	7	8.44e-4	6	2.595e-3	1
58		min	-.011	12	-.064	20	-.01	12	-1.787e-3	1	-8.958e-4	12	-2.361e-3	7
59	N30	max	.016	6	.014	2	.013	6	1.168e-2	7	7.217e-4	12	1.31e-3	7
60		min	-.016	12	-.083	20	-.013	12	-1.104e-2	1	-6.873e-4	6	-1.851e-3	1
61	N31	max	.014	5	.02	10	.021	8	5.665e-3	8	5.502e-4	10	8.396e-3	8
62		min	-.014	11	-.033	65	-.02	2	-6.342e-3	2	-5.505e-4	4	-8.414e-3	2
63	N32	max	.01	2	.014	11	.02	8	2.002e-3	127	1.296e-3	11	1.622e-3	8
64		min	-.009	8	-.027	5	-.019	2	-8.247e-4	73	-1.108e-3	5	-1.358e-3	2
65	N33	max	.016	6	.02	12	.018	8	1.215e-2	7	1.165e-3	6	2.16e-3	21
66		min	-.017	12	-.043	6	-.018	2	-1.14e-2	1	-1.205e-3	12	-5.364e-4	3
67	N34	max	.011	2	.014	11	.019	8	2.326e-3	7	1.133e-3	6	1.48e-3	218
68		min	-.011	8	-.032	17	-.018	2	-1.473e-3	1	-1.315e-3	12	-9.375e-4	65
69	N35	max	.016	6	.031	11	.012	8	1.215e-2	7	1.162e-3	6	2.154e-3	21
70		min	-.017	12	-.04	5	-.011	2	-1.14e-2	1	-1.202e-3	12	-5.387e-4	3
71	N36	max	.016	6	.024	2	.017	6	1.1e-2	6	5.374e-4	2	6.934e-4	11
72		min	-.017	12	-.027	8	-.018	12	-1.056e-2	12	-5.396e-4	8	-1.373e-3	5
73	N37	max	.016	6	.013	12	.023	8	1.223e-2	7	1.273e-3	6	1.986e-3	22
74		min	-.017	12	-.055	18	-.023	2	-1.15e-2	1	-1.29e-3	12	-7.358e-4	4
75	N38	max	.016	6	0	2	.022	7	1.349e-2	7	7.676e-4	2	8.347e-4	10
76		min	-.017	12	-.088	20	-.023	1	-1.266e-2	1	-7.585e-4	8	-8.773e-4	4
77	N39	max	.016	6	.024	2	.008	8	1.216e-2	7	5.61e-5	8	1.057e-3	12
78		min	-.017	12	-.069	153	-.008	2	-1.145e-2	1	-8.479e-5	2	-1.407e-3	6
79	N40	max	.016	6	.018	1	.02	6	1.107e-2	6	6.014e-4	2	6.924e-4	11
80		min	-.017	12	-.039	164	-.02	12	-1.065e-2	12	-6.185e-4	8	-1.277e-3	5
81	N41	max	.02	6	.047	1	.023	8	1.223e-2	7	1.273e-3	6	1.986e-3	22
82		min	-.021	12	-.082	7	-.023	2	-1.15e-2	1	-1.29e-3	12	-7.358e-4	4
83	N42	max	.015	6	.035	2	.022	7	1.349e-2	7	7.676e-4	2	8.347e-4	10
84		min	-.016	12	-.102	20	-.023	1	-1.266e-2	1	-7.585e-4	8	-8.773e-4	4

Envelope Joint Displacements (Continued)

	Joint		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [...	LC	Y Rotation [...	LC	Z Rotation [...	LC
85	N43	max	.016	6	.058	1	.008	8	1.216e-2	7	5.61e-5	8	1.057e-3	12
86		min	-.016	12	-.097	7	-.008	2	-1.145e-2	1	-8.479e-5	2	-1.407e-3	6
87	N44	max	.016	6	.05	1	.02	6	1.107e-2	6	6.014e-4	2	6.924e-4	11
88		min	-.016	12	-.066	7	-.02	12	-1.065e-2	12	-6.185e-4	8	-1.277e-3	5
89	N45	max	.16	4	.101	12	.257	8	9.04e-3	7	1.322e-2	7	4.828e-3	12
90		min	-.167	10	-.128	6	-.25	2	-8.607e-3	1	-1.302e-2	1	-4.433e-3	237
91	N46	max	.161	4	.081	2	.259	6	6.491e-3	7	1.035e-2	12	4.987e-3	238
92		min	-.167	10	-.107	8	-.272	12	-7.202e-3	1	-1.042e-2	6	-3.483e-3	2
93	N47	max	.16	4	.016	12	.473	7	1.058e-2	7	1.15e-2	7	3.817e-3	12
94		min	-.167	10	-.06	18	-.462	1	-1.043e-2	1	-1.132e-2	1	-3.55e-3	6
95	N48	max	.16	4	-.017	4	.767	7	2.1e-2	7	4.771e-3	6	3.304e-3	10
96		min	-.167	10	-.088	22	-.748	1	-2.066e-2	1	-4.677e-3	12	-3.042e-3	4
97	N49	max	.16	4	.004	2	.726	7	1.918e-2	7	3.952e-3	2	2.191e-3	10
98		min	-.167	10	-.071	153	-.714	1	-1.917e-2	1	-4.248e-3	8	-2.359e-3	4
99	N50	max	.161	4	.022	1	.438	6	8.756e-3	6	7.731e-3	1	3.228e-3	9
100		min	-.167	10	-.042	164	-.449	12	-9.43e-3	12	-7.957e-3	7	-2.943e-3	3
101	N51	max	.168	5	.047	1	.473	7	1.058e-2	7	1.15e-2	7	3.817e-3	12
102		min	-.174	11	-.082	7	-.462	1	-1.043e-2	1	-1.132e-2	1	-3.55e-3	6
103	N52	max	.167	4	.035	2	.767	7	2.1e-2	7	4.771e-3	6	3.304e-3	10
104		min	-.174	10	-.102	20	-.748	1	-2.066e-2	1	-4.677e-3	12	-3.042e-3	4
105	N53	max	.166	4	.058	1	.726	7	1.918e-2	7	3.952e-3	2	2.191e-3	10
106		min	-.173	10	-.097	7	-.714	1	-1.917e-2	1	-4.248e-3	8	-2.359e-3	4
107	N54	max	.153	4	.05	1	.438	6	8.756e-3	6	7.731e-3	1	3.228e-3	9
108		min	-.16	10	-.067	7	-.449	12	-9.43e-3	12	-7.957e-3	7	-2.943e-3	3
109	N55	max	.16	4	.049	12	.387	8	9.04e-3	7	1.323e-2	7	4.833e-3	12
110		min	-.167	10	-.08	6	-.377	2	-8.607e-3	1	-1.303e-2	1	-4.385e-3	6
111	N56	max	.161	4	.043	2	.371	6	6.491e-3	7	1.036e-2	12	3.917e-3	8
112		min	-.167	10	-.065	8	-.384	12	-7.202e-3	1	-1.043e-2	6	-3.488e-3	2
113	N57	max	.271	5	.047	1	.774	7	1.142e-2	7	1.15e-2	7	4.296e-3	11
114		min	-.284	11	-.082	7	-.759	1	-1.126e-2	1	-1.132e-2	1	-4.029e-3	5
115	N58	max	.295	4	.035	2	1.399	7	2.454e-2	7	4.771e-3	6	5.768e-3	10
116		min	-.308	10	-.103	20	-1.371	1	-2.421e-2	1	-4.677e-3	12	-5.505e-3	4
117	N59	max	.234	4	.058	1	1.251	7	1.95e-2	7	3.952e-3	2	2.388e-3	10
118		min	-.236	10	-.097	7	-1.238	1	-1.949e-2	1	-4.248e-3	8	-2.557e-3	4
119	N60	max	.236	3	.05	1	.688	6	9.519e-3	6	7.731e-3	1	3.929e-3	9
120		min	-.25	9	-.067	7	-.718	12	-1.019e-2	12	-7.957e-3	7	-3.644e-3	3
121	N61	max	.05	22	.047	1	.288	1	1.216e-2	7	1.273e-3	6	1.957e-3	22
122		min	-.01	4	-.082	7	-.308	7	-1.143e-2	1	-1.29e-3	12	-6.536e-4	4
123	N62	max	.014	155	.035	2	.318	1	1.342e-2	7	7.676e-4	2	7.524e-4	10
124		min	-.013	4	-.102	20	-.341	7	-1.259e-2	1	-7.585e-4	8	-7.95e-4	4
125	N63	max	.022	2	.058	1	.301	1	1.209e-2	7	5.61e-5	8	1.016e-3	12
126		min	-.032	8	-.097	7	-.32	7	-1.138e-2	1	-8.479e-5	2	-1.366e-3	6
127	N64	max	.007	10	.05	1	.266	12	1.1e-2	6	6.014e-4	2	6.212e-4	11
128		min	-.028	16	-.066	7	-.277	6	-1.058e-2	12	-6.185e-4	8	-1.206e-3	5
129	N65	max	.022	4	.029	7	.014	7	5.212e-3	9	9.442e-4	2	8.665e-3	9
130		min	-.021	10	-.04	1	-.014	1	-4.589e-3	3	-9.91e-4	8	-9.897e-3	3
131	N66	max	.018	6	.023	10	.02	8	5.667e-3	8	5.476e-4	10	8.395e-3	8
132		min	-.018	12	-.025	65	-.019	2	-6.34e-3	2	-5.48e-4	4	-8.415e-3	2
133	N67	max	.029	4	.011	8	.019	8	5.419e-3	9	1.035e-3	2	8.662e-3	10
134		min	-.029	10	-.051	14	-.019	2	-4.924e-3	3	-1.06e-3	8	-9.798e-3	4
135	N68	max	.02	4	.002	10	.023	8	5.261e-3	9	8.224e-4	10	9.497e-3	9
136		min	-.021	10	-.075	16	-.022	2	-5.785e-3	3	-8.123e-4	4	-1.005e-2	3

Envelope Joint Displacements (Continued)

	Joint		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [...	LC	Y Rotation [...	LC	Z Rotation [...	LC
137	N69	max	.014	4	.024	10	.014	8	5.615e-3	8	8.515e-5	4	7.943e-3	9
138		min	-.014	10	-.065	53	-.014	2	-6.186e-3	2	-1.149e-4	10	-8.313e-3	3
139	N70	max	.015	5	.018	9	.022	8	5.596e-3	8	5.919e-4	10	8.53e-3	8
140		min	-.015	11	-.037	64	-.021	2	-6.199e-3	2	-6.044e-4	4	-8.578e-3	2
141	N71	max	.028	4	.041	9	.022	8	5.419e-3	9	1.035e-3	2	8.662e-3	10
142		min	-.028	10	-.076	3	-.022	2	-4.924e-3	3	-1.06e-3	8	-9.798e-3	4
143	N72	max	.022	4	.033	10	.022	8	5.261e-3	9	8.224e-4	10	9.497e-3	9
144		min	-.022	10	-.087	16	-.021	2	-5.785e-3	3	-8.123e-4	4	-1.005e-2	3
145	N73	max	.014	4	.052	9	.014	8	5.615e-3	8	8.515e-5	4	7.943e-3	9
146		min	-.014	10	-.083	3	-.014	2	-6.186e-3	2	-1.149e-4	10	-8.313e-3	3
147	N74	max	.015	4	.048	8	.021	8	5.596e-3	8	5.919e-4	10	8.53e-3	8
148		min	-.016	10	-.061	2	-.021	2	-6.199e-3	2	-6.044e-4	4	-8.578e-3	2
149	N75	max	.268	4	.093	8	.178	8	7.363e-3	9	1.109e-2	3	4.688e-3	10
150		min	-.263	10	-.124	2	-.178	2	-7.306e-3	3	-1.096e-2	9	-5.047e-3	4
151	N76	max	.182	3	.076	10	.235	7	3.612e-3	232	9.462e-3	8	6.788e-3	9
152		min	-.191	9	-.097	4	-.226	1	-1.389e-3	12	-9.556e-3	2	-6.394e-3	3
153	N77	max	.425	4	.014	8	.263	8	6.961e-3	8	9.302e-3	3	7.734e-3	10
154		min	-.417	10	-.055	14	-.264	2	-6.878e-3	2	-9.148e-3	9	-7.803e-3	4
155	N78	max	.565	3	-.014	12	.376	8	9.711e-3	8	3.702e-3	2	1.527e-2	9
156		min	-.55	9	-.075	18	-.38	2	-9.682e-3	2	-3.592e-3	8	-1.555e-2	3
157	N79	max	.513	3	.008	10	.386	8	8.528e-3	8	3.482e-3	10	1.387e-2	9
158		min	-.503	9	-.067	53	-.389	2	-8.693e-3	2	-3.751e-3	4	-1.374e-2	3
159	N80	max	.314	2	.021	9	.313	8	4.745e-3	7	6.311e-3	8	7.732e-3	8
160		min	-.322	8	-.04	64	-.305	2	-4.252e-3	1	-6.542e-3	2	-7.313e-3	2
161	N81	max	.412	4	.042	9	.287	8	6.961e-3	8	9.302e-3	3	7.734e-3	10
162		min	-.404	10	-.076	3	-.288	2	-6.878e-3	2	-9.148e-3	9	-7.803e-3	4
163	N82	max	.563	4	.033	10	.386	8	9.711e-3	8	3.702e-3	2	1.527e-2	9
164		min	-.548	10	-.087	16	-.391	2	-9.682e-3	2	-3.592e-3	8	-1.555e-2	3
165	N83	max	.518	3	.052	9	.383	8	8.528e-3	8	3.482e-3	10	1.387e-2	9
166		min	-.508	9	-.083	3	-.385	2	-8.693e-3	2	-3.751e-3	4	-1.374e-2	3
167	N84	max	.324	2	.048	8	.295	8	4.745e-3	7	6.311e-3	8	7.732e-3	8
168		min	-.332	8	-.061	2	-.287	2	-4.252e-3	1	-6.542e-3	2	-7.313e-3	2
169	N85	max	.366	4	.044	8	.229	8	7.368e-3	9	1.11e-2	3	4.686e-3	10
170		min	-.359	10	-.077	2	-.23	2	-7.302e-3	3	-1.096e-2	9	-5.049e-3	4
171	N86	max	.263	2	.041	10	.284	8	2.303e-3	232	9.468e-3	8	6.79e-3	9
172		min	-.272	8	-.058	4	-.276	2	-1.394e-3	12	-9.562e-3	2	-6.391e-3	3
173	N87	max	.639	4	.042	9	.489	8	7.73e-3	8	9.302e-3	3	8.622e-3	10
174		min	-.629	10	-.076	3	-.488	2	-7.647e-3	2	-9.148e-3	9	-8.691e-3	4
175	N88	max	1.036	3	.033	10	.7	8	1.258e-2	8	3.702e-3	2	1.831e-2	9
176		min	-1.014	9	-.088	16	-.705	2	-1.255e-2	2	-3.592e-3	8	-1.86e-2	3
177	N89	max	.895	3	.052	9	.619	8	8.782e-3	8	3.482e-3	10	1.412e-2	9
178		min	-.888	9	-.083	3	-.625	2	-8.947e-3	2	-3.751e-3	4	-1.4e-2	3
179	N90	max	.53	2	.048	8	.434	8	5.552e-3	7	6.311e-3	8	8.171e-3	8
180		min	-.549	8	-.061	2	-.412	2	-5.058e-3	1	-6.542e-3	2	-7.751e-3	2
181	N91	max	.213	9	.041	9	.119	3	5.384e-3	9	1.035e-3	2	8.595e-3	9
182		min	-.244	3	-.076	3	-.133	9	-4.89e-3	3	-1.06e-3	8	-9.73e-3	3
183	N92	max	.236	9	.033	10	.148	3	5.226e-3	9	8.224e-4	10	9.437e-3	9
184		min	-.251	3	-.087	16	-.133	9	-5.751e-3	3	-8.123e-4	4	-9.991e-3	3
185	N93	max	.214	8	.052	9	.158	3	5.544e-3	8	8.515e-5	4	7.883e-3	9
186		min	-.224	2	-.083	3	-.142	9	-6.115e-3	2	-1.149e-4	10	-8.253e-3	3
187	N94	max	.221	8	.048	8	.145	2	5.524e-3	8	5.919e-4	10	8.488e-3	8
188		min	-.222	2	-.061	2	-.129	8	-6.127e-3	2	-6.044e-4	4	-8.536e-3	2

Envelope Joint Displacements (Continued)

	Joint		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [...	LC	Y Rotation [...	LC	Z Rotation [...	LC
189	N95	max	.011	2	.028	3	.019	6	5.431e-3	6	1.089e-3	10	9.164e-3	11
190		min	-.012	8	-.041	9	-.02	12	-7.08e-3	12	-1.134e-3	4	-8.968e-3	5
191	N96	max	.026	4	.022	7	.015	8	4.278e-3	4	5.334e-4	6	9.464e-3	10
192		min	-.025	10	-.027	110	-.015	2	-3.918e-3	10	-5.408e-4	12	-8.579e-3	4
193	N97	max	.019	5	.009	4	.024	6	5.425e-3	6	1.179e-3	10	9.408e-3	11
194		min	-.019	11	-.053	22	-.024	12	-6.91e-3	12	-1.198e-3	4	-9.143e-3	5
195	N98	max	.027	4	-.002	6	.02	6	5.68e-3	6	8.287e-4	6	1.028e-2	11
196		min	-.027	10	-.08	24	-.02	12	-6.124e-3	12	-8.168e-4	12	-9.379e-3	5
197	N99	max	.011	4	.019	6	.015	6	4.183e-3	5	5.918e-5	1	9.615e-3	11
198		min	-.011	10	-.072	109	-.015	12	-4.334e-3	11	-8.733e-5	7	-8.679e-3	5
199	N100	max	.026	4	.015	6	.016	7	4.413e-3	4	5.829e-4	6	9.419e-3	10
200		min	-.026	10	-.04	121	-.016	1	-4.129e-3	10	-6.066e-4	12	-8.593e-3	4
201	N101	max	.021	4	.04	5	.022	6	5.425e-3	6	1.179e-3	10	9.408e-3	11
202		min	-.021	10	-.08	11	-.023	12	-6.91e-3	12	-1.198e-3	4	-9.143e-3	5
203	N102	max	.027	4	.031	6	.022	6	5.68e-3	6	8.287e-4	6	1.028e-2	11
204		min	-.026	10	-.093	12	-.022	12	-6.124e-3	12	-8.168e-4	12	-9.379e-3	5
205	N103	max	.011	4	.046	5	.015	6	4.183e-3	5	5.918e-5	1	9.615e-3	11
206		min	-.011	10	-.091	11	-.015	12	-4.334e-3	11	-8.733e-5	7	-8.679e-3	5
207	N104	max	.026	4	.042	5	.017	6	4.413e-3	4	5.829e-4	6	9.419e-3	10
208		min	-.026	10	-.062	11	-.018	12	-4.129e-3	10	-6.066e-4	12	-8.593e-3	4
209	N105	max	.207	5	.092	4	.213	7	2.94e-3	234	1.149e-2	11	9.06e-3	11
210		min	-.214	11	-.125	10	-.222	1	-1.884e-3	2	-1.121e-2	5	-8.769e-3	5
211	N106	max	.281	4	.075	6	.155	7	5.474e-3	5	9.039e-3	4	3.975e-3	10
212		min	-.273	10	-.102	12	-.154	1	-5.53e-3	11	-9.233e-3	10	-4.508e-3	4
213	N107	max	.377	5	.012	4	.305	6	4.202e-3	6	9.554e-3	11	9.627e-3	11
214		min	-.389	11	-.058	22	-.317	12	-4.467e-3	12	-9.3e-3	5	-9.511e-3	5
215	N108	max	.564	5	-.017	8	.381	6	9.566e-3	6	3.751e-3	10	1.606e-2	11
216		min	-.584	11	-.08	14	-.398	12	-1.002e-2	12	-3.617e-3	4	-1.576e-2	5
217	N109	max	.557	4	.002	6	.33	6	8.437e-3	5	3.684e-3	6	1.415e-2	10
218		min	-.572	10	-.073	109	-.344	12	-8.374e-3	11	-3.974e-3	12	-1.388e-2	4
219	N110	max	.414	4	.018	5	.201	6	5.237e-3	6	6.254e-3	4	7.014e-3	10
220		min	-.409	10	-.043	120	-.202	12	-5.185e-3	12	-6.555e-3	10	-7.508e-3	4
221	N111	max	.392	5	.04	5	.283	6	4.202e-3	6	9.554e-3	11	9.627e-3	11
222		min	-.404	11	-.081	11	-.294	12	-4.467e-3	12	-9.3e-3	5	-9.511e-3	5
223	N112	max	.568	5	.031	6	.379	6	9.566e-3	6	3.751e-3	10	1.606e-2	11
224		min	-.588	11	-.093	12	-.396	12	-1.002e-2	12	-3.617e-3	4	-1.576e-2	5
225	N113	max	.554	4	.045	5	.34	6	8.437e-3	5	3.684e-3	6	1.415e-2	10
226		min	-.569	10	-.091	11	-.355	12	-8.374e-3	11	-3.974e-3	12	-1.388e-2	4
227	N114	max	.404	4	.042	5	.215	6	5.237e-3	6	6.254e-3	4	7.014e-3	10
228		min	-.398	10	-.062	11	-.217	12	-5.185e-3	12	-6.555e-3	10	-7.508e-3	4
229	N115	max	.312	5	.042	4	.271	6	1.63e-3	234	1.15e-2	11	9.057e-3	11
230		min	-.322	11	-.08	10	-.281	12	-1.889e-3	2	-1.121e-2	5	-8.771e-3	5
231	N116	max	.366	4	.039	6	.182	6	5.479e-3	5	9.047e-3	4	3.978e-3	10
232		min	-.359	10	-.063	12	-.182	12	-5.526e-3	11	-9.24e-3	10	-4.506e-3	4
233	N117	max	.662	5	.04	5	.41	6	4.97e-3	6	9.554e-3	11	1.036e-2	11
234		min	-.678	11	-.081	11	-.429	12	-5.236e-3	12	-9.3e-3	5	-1.024e-2	5
235	N118	max	1.049	5	.031	6	.69	6	1.243e-2	6	3.751e-3	10	1.911e-2	11
236		min	-1.077	11	-.094	24	-.719	12	-1.289e-2	12	-3.617e-3	4	-1.881e-2	5
237	N119	max	.935	4	.045	5	.568	6	8.591e-3	5	3.684e-3	6	1.446e-2	10
238		min	-.958	10	-.091	11	-.581	12	-8.528e-3	11	-3.974e-3	12	-1.418e-2	4
239	N120	max	.623	4	.042	5	.371	6	5.998e-3	6	6.254e-3	4	7.893e-3	10
240		min	-.604	10	-.062	11	-.371	12	-5.946e-3	12	-6.555e-3	10	-8.387e-3	4

Envelope Joint Displacements (Continued)

	Joint		X [in]	LC	Y [in]	LC	Z [in]	LC	X Rotation [...	LC	Y Rotation [...	LC	Z Rotation [...	LC
241	N121	max	.232	11	.04	5	.162	12	5.353e-3	6	1.179e-3	10	9.348e-3	11
242		min	-.225	5	-.08	11	-.123	6	-6.838e-3	12	-1.198e-3	4	-9.083e-3	5
243	N122	max	.258	11	.031	6	.151	11	5.608e-3	6	8.287e-4	6	1.022e-2	11
244		min	-.233	5	-.093	12	-.139	5	-6.052e-3	12	-8.168e-4	12	-9.319e-3	5
245	N123	max	.252	11	.046	5	.121	10	4.148e-3	5	5.918e-5	1	9.555e-3	11
246		min	-.227	5	-.091	11	-.118	4	-4.3e-3	11	-8.733e-5	7	-8.619e-3	5
247	N124	max	.227	10	.042	5	.116	10	4.413e-3	4	5.829e-4	6	9.336e-3	10
248		min	-.204	4	-.062	11	-.124	4	-4.129e-3	10	-6.066e-4	12	-8.51e-3	4
249	N125	max	.022	4	.005	7	.002	7	2.259e-4	7	2.856e-4	10	1.048e-3	119
250		min	-.022	10	-.012	1	-.003	1	-3.244e-4	1	-2.944e-4	4	-1.445e-3	29
251	6	max	0	250	0	250	0	250	0	250	0	250	0	250
252		min	0	1	0	1	0	1	0	1	0	1	0	1
253	N127	max	.015	4	.005	7	0	8	2.259e-4	7	2.856e-4	10	1.048e-3	119
254		min	-.017	10	-.012	1	-.002	2	-3.244e-4	1	-2.944e-4	4	-1.445e-3	29
255	N128	max	.01	6	.004	3	.018	6	9.298e-4	163	2.563e-4	6	1.035e-3	84
256		min	-.011	12	-.012	21	-.018	12	-1.331e-3	12	-2.638e-4	12	-3.955e-4	5
257	5	max	0	250	0	250	0	250	0	250	0	250	0	250
258		min	0	1	0	1	0	1	0	1	0	1	0	1
259	N130	max	.008	6	.004	3	.014	6	9.298e-4	163	2.563e-4	6	1.035e-3	84
260		min	-.007	12	-.012	21	-.011	12	-1.331e-3	12	-2.638e-4	12	-3.955e-4	5
261	N131	max	.01	2	.005	11	.017	8	1.486e-3	128	2.143e-4	6	7.871e-4	8
262		min	-.009	8	-.012	17	-.016	2	-7.238e-4	1	-2.203e-4	12	-6.93e-4	63
263	4	max	0	250	0	250	0	250	0	250	0	250	0	250
264		min	0	1	0	1	0	1	0	1	0	1	0	1
265	N133	max	.007	2	.005	11	.01	8	1.486e-3	128	2.143e-4	6	7.871e-4	8
266		min	-.005	8	-.012	17	-.012	2	-7.238e-4	1	-2.203e-4	12	-6.93e-4	63

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

	Member	Shape	Code C...	Loc[in]	LC	Shear ...	Loc[in]	Dir	LC	phi*Pnc [k]	phi*Pnt [k]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	S1	HSS4X4X4	.138	0	4	.077	0	z	4	124.545	139.518	16.181	16.181	1....	H1-1b
2	S2	HSS4X4X4	.127	0	24	.114	28.142	z	5	136.439	139.518	16.181	16.181	1....	H1-1b
3	S3	HSS4X4X4	.123	0	14	.116	28.142	z	3	136.439	139.518	16.181	16.181	1....	H1-1b
4	S4	HSS4X4X4	.141	0	12	.086	0	z	12	124.545	139.518	16.181	16.181	1....	H1-1b
5	S5	HSS4X4X4	.139	0	20	.131	28.142	z	1	136.439	139.518	16.181	16.181	1....	H1-1b
6	S6	HSS4X4X4	.135	0	22	.118	28.142	z	11	136.439	139.518	16.181	16.181	1....	H1-1b
7	S7	HSS4X4X4	.136	0	8	.085	0	z	8	124.545	139.518	16.181	16.181	1....	H1-1b
8	S8	HSS4X4X4	.127	0	16	.114	28.142	z	9	136.439	139.518	16.181	16.181	1....	H1-1b
9	S9	HSS4X4X4	.133	0	19	.132	28.142	z	7	136.439	139.518	16.181	16.181	1....	H1-1b
10	K1	LL2.5x2.5x3x6	.101	50.477	13	.005	50.477	z	4	43.344	58.32	4.643	2.198	1....	H1-1b*
11	K2	LL2.5x2.5x3x6	.105	50.477	21	.005	50.477	z	12	43.344	58.32	4.643	2.198	1....	H1-1b*
12	K3	LL2.5x2.5x3x6	.098	50.477	17	.005	50.477	y	18	43.344	58.32	4.643	2.198	1....	H1-1b*
13	CB1	L2.5x2.5x4	.431	0	10	.125	0	y	6	35.808	38.556	1.114	2.537	1....	H2-1
14	CB2	L2.5x2.5x4	.420	0	2	.117	0	y	10	35.808	38.556	1.114	2.537	1....	H2-1
15	CB3	L2.5x2.5x4	.486	0	6	.124	0	y	2	35.808	38.556	1.114	2.537	1....	H2-1
16	G1	L2x2x3	.401	0	203	.030	0	y	203	15.956	23.393	.558	1.178	1....	H2-1
17	G2	L2x2x3	.403	25.509	206	.030	0	z	206	15.956	23.393	.558	1.17	1....	H2-1
18	G3	L2x2x3	.401	0	209	.030	0	y	209	15.955	23.393	.558	1.179	1....	H2-1
19	G4	L2x2x3	.403	25.509	212	.030	0	z	212	15.956	23.393	.558	1.17	1....	H2-1
20	G5	L2x2x3	.402	0	215	.030	0	y	215	15.956	23.393	.558	1.178	1....	H2-1
21	G6	L2x2x3	.404	25.512	218	.030	0	z	218	15.955	23.393	.558	1.169	1....	H2-1

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

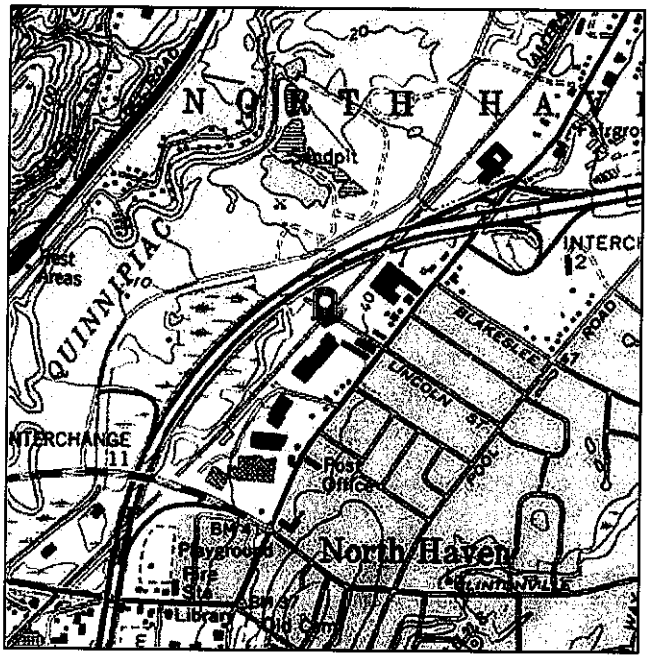
	Member	Shape	Code C...	Loc[in]	LC	Shear ...	Loc[in]	Dir	LC	phi*Pnc [k]	phi*Pnt [k]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
22	C1	PL6x1/2	.237	9.125	1	.188	18.25	y	9	42.136	97.2	1.012	12.15	1....	H1-1b
23	C2	PL6x1/2	.233	9.125	9	.192	18.25	y	5	42.136	97.2	1.012	12.15	1....	H1-1b
24	C3	PL6x1/2	.238	9.125	5	.213	18.25	y	1	42.136	97.2	1.012	12.15	1....	H1-1b
25	PMC1	PIPE 2.5	.269	69	12	.181	27		3	45.877	50.715	3.596	3.596	3....	H1-1b
26	PMC2	PIPE 2.5	.284	69	7	.113	69		2	45.877	50.715	3.596	3.596	3.7	H1-1b
27	PMC3	PIPE 2.5	.323	69	6	.107	69		4	45.877	50.715	3.596	3.596	4....	H1-1b
28	PMC4	PIPE 2.5	.266	69	6	.149	69		2	45.877	50.715	3.596	3.596	2....	H1-1b
29	HRC	PIPE 2.0	.562	132.8...	2	.299	132.8...		2	6.295	32.13	1.872	1.872	3....	H3-6
30	HC	PIPE 3.0	.190	48.448	7	.178	60.95		4	28.251	65.205	5.749	5.749	1	H1-1b
31	PMB1	PIPE 2.5	.280	69	8	.183	27		11	45.877	50.715	3.596	3.596	3....	H1-1b
32	PMB2	PIPE 2.5	.285	69	2	.113	69		10	45.877	50.715	3.596	3.596	2....	H1-1b
33	PMB3	PIPE 2.5	.335	69	2	.113	69		12	45.877	50.715	3.596	3.596	3....	H1-1b
34	PMB4	PIPE 2.5	.279	69	2	.150	69		10	45.877	50.715	3.596	3.596	3....	H1-1b
35	HRB	PIPE 2.0	.529	17.191	12	.310	10.94		6	6.295	32.13	1.872	1.872	2....	H3-6
36	HB	PIPE 3.0	.191	48.448	3	.188	60.95		12	28.251	65.205	5.749	5.749	1	H1-1b
37	PMA1	PIPE 2.5	.272	69	4	.222	27		7	45.877	50.715	3.596	3.596	3....	H1-1b
38	PMA2	PIPE 2.5	.301	69	12	.136	69		6	45.877	50.715	3.596	3.596	2....	H1-1b
39	PMA3	PIPE 2.5	.343	69	8	.121	69		8	45.877	50.715	3.596	3.596	3....	H1-1b
40	PMA4	PIPE 2.5	.273	69	10	.172	69		12	45.877	50.715	3.596	3.596	3....	H1-1b
41	HRA	PIPE 2.0	.542	132.8...	6	.298	10.94		2	6.295	32.13	1.872	1.872	3....	H3-6
42	HA	PIPE 3.0	.202	48.448	12	.204	87.519		1	28.251	65.205	5.749	5.749	1	H1-1b

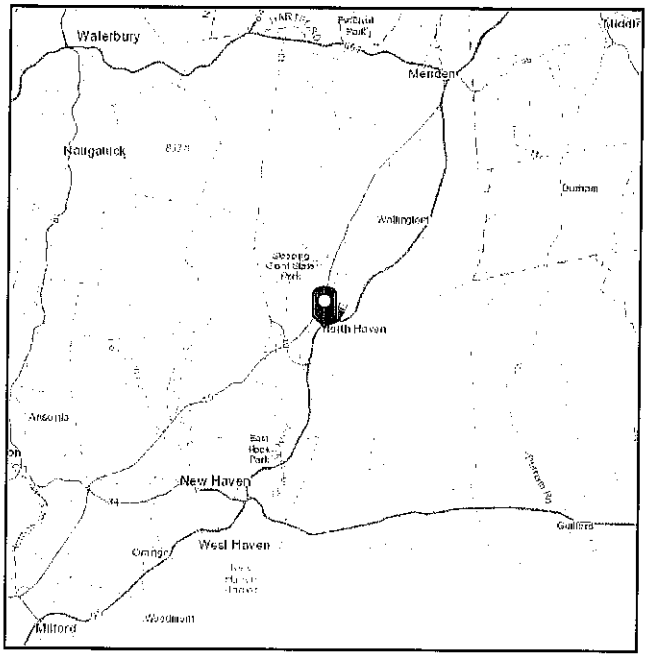
ASCE 7 Hazards Report

Address:
No Address at This Location

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

Elevation: 0 ft (NAVD 88)
Latitude: 41.396396
Longitude: -72.857686





Wind

Results:

Wind Speed:	125 Vmph
10-year MRI	77 Vmph
25-year MRI	87 Vmph
50-year MRI	94 Vmph
100-year MRI	101 Vmph
Data Source:	ASCE/SEI 7-10, Fig. 26.5-1A and Figs. CC-1–CC-4, incorporating errata of March 12, 2014
Date Accessed:	Fri Oct 25 2019

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

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

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

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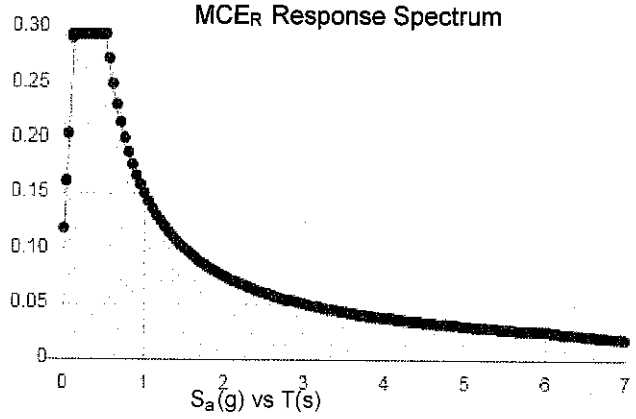
Seismic

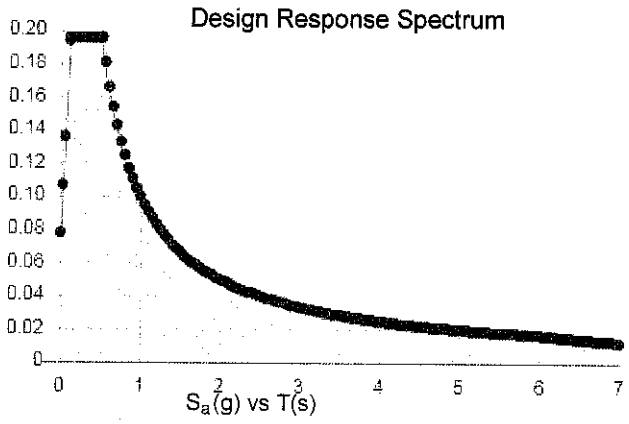
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.184	S_{DS} :	0.196
S_1 :	0.062	S_{D1} :	0.1
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.095
S_{MS} :	0.294	PGA_M :	0.152
S_{M1} :	0.15	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Fri Oct 25 2019

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

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Ice

Results:

Ice Thickness:	0.75 in.
Concurrent Temperature:	15 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Fri Oct 25 2019

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

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

REVIEWED
By Mike Laverty at 9:19 am, Nov 07, 2019

verizon

NO HAVEN CT
117 WASHINGTON ST
NORTH HAVEN, CT 06473

PROJECT SUMMARY

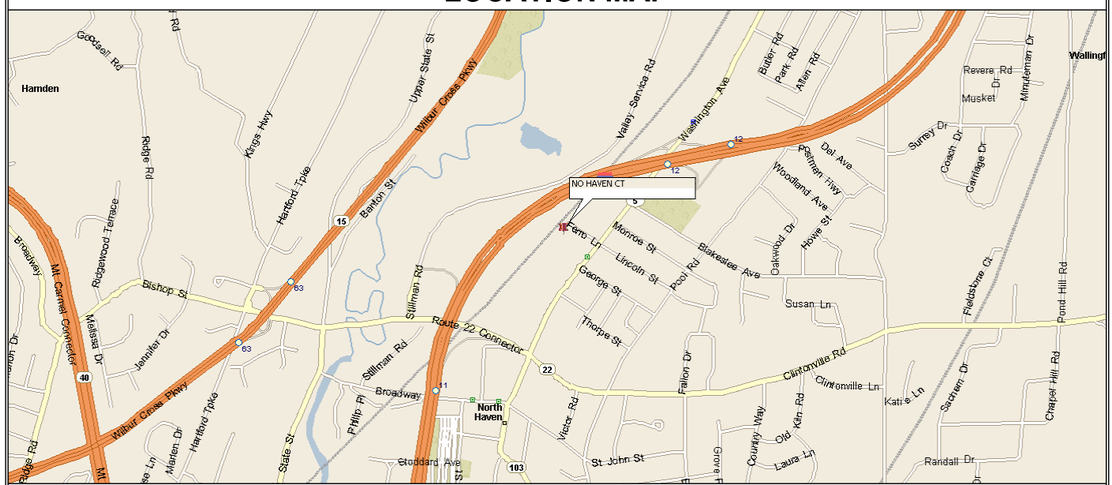
SITE NAME:	NO HAVEN CT
SITE ADDRESS:	117 WASHINGTON ST NORTH HAVEN, CT 06473
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DR CANONSBURG, PA 15317
BU NUMBER:	806454
MAP NUMBER:	073
LOT NUMBER:	009
CUSTOMER/APPLICANT:	VERIZON WIRELESS 400 FRIEBERG PARKWAY WESTBOROUGH, MA 01581
CONTACT:	DAN MYZYRI (617) 945-7288
NAD83	
LATITUDE:	41° 23' 46.93" N
LONGITUDE:	72° 51' 27.67" W
ELEVATION:	33'
CURRENT ZONING:	N/A
A&E FIRM:	B+T GROUP 1717 S. BOULDER, SUITE 300 TULSA, OK 74119 MIKE OAKES (918) 587-4630
OCCUPANCY TYPE:	UNMANNED
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.

CODE COMPLIANCE

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

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

LOCATION MAP



NO SCALE

DRIVING DIRECTIONS

DEPART FROM BRADLEY INTERNATIONAL AIRPORT ON LOCAL ROAD. TAKE LOCAL ROAD ONTO TERMINAL RD. ROAD NAME CHANGES TO BRADLEY FIELD CONNECTOR. ROAD NAME CHANGES TO CT-20 [BRADLEY FIELD CONNECTOR]. TAKE RAMP ONTO I-91 [RICHARD P HORAN MEMORIAL HWY]. AT EXIT 12, TURN RIGHT ONTO RAMP. BEAR LEFT (ONTO US-5 [WASHINGTON AVE]. TURN RIGHT ONTO FERRO LN. TURN LEFT ONTO LOCAL ROAD. ARRIVE AT NO HAVEN CT.

DRAWING INDEX

SHEET #	SHEET DESCRIPTION	REV. #
T-1	TITLE SHEET	0
A-1	COMPOUND PLAN AND TOWER ELEVATION	0
A-2	EQUIPMENT DETAILS	0
A-3	SECTOR MOUNT DETAIL	0

A/E DOCUMENT REVIEW STATUS

TITLE	SIGNATURE	DATE
OWNER:		
R.F. ENGINEER:		
CONSTRUCTION MGR.:		
LEASING & ZONING:		
VERIZON WIRELESS:		

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

DO NOT SCALE DRAWINGS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 11x17. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

CALL CONNECTICUT ONE CALL
(800) 922-4455
CALL 3 WORKING DAYS
BEFORE YOU DIG!

811

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WESTBOROUGH, MA 01581
PH: (508) 330-3300

NO HAVEN CT
117 WASHINGTON ST
NORTH HAVEN, CT 06473
EXISTING MONOPOLE

PROJECT NO:	139624.001.01
CHECKED BY:	RMC

ISSUED FOR:

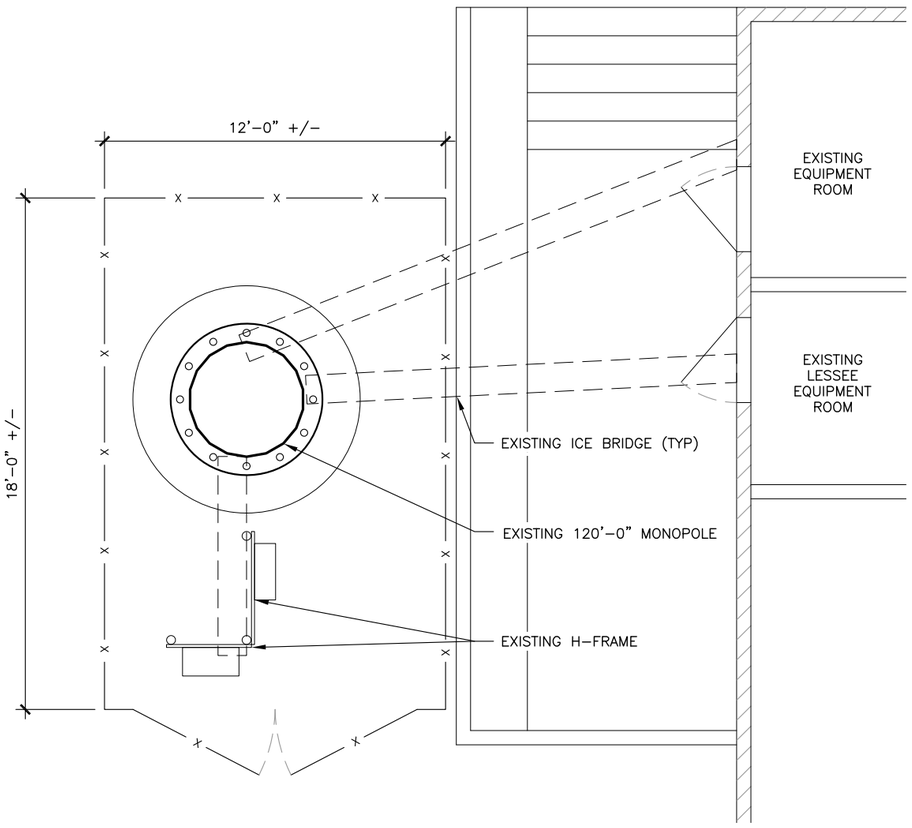
REV	DATE	DRWN	DESCRIPTION
0	11/1/19	STH	CONSTRUCTION

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/20

STATE OF CONNECTICUT
31627
LICENSED
PROFESSIONAL ENGINEER
11/1/19

SHEET NUMBER: T-1
REVISION: 0

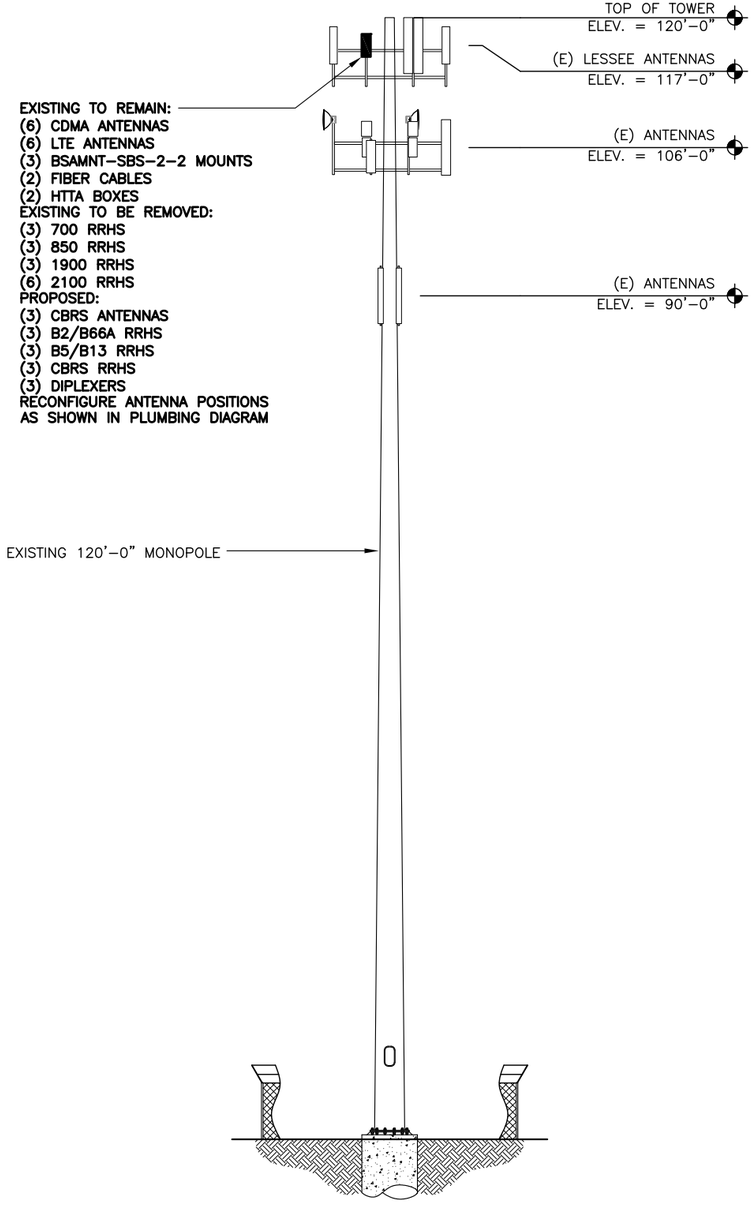
NOTES:
1. CONTRACTOR TO VERIFY EXACT COAX AND ANTENNA INSTALLATION AND ANTENNA HEIGHT WITH LATEST RF DATA SHEETS PRIOR TO INSTALLATION.
2. STRUCTURAL ANALYSIS DONE BY OTHERS.
3. VERIZON SHALL PROVIDE A STRUCTURAL ANALYSIS OF THE TOWER PREPARED BY A LICENSED STATE STRUCTURAL ENGINEER CERTIFYING THAT THE EXISTING TOWER AND PROPOSED IMPROVEMENTS HAVE SUFFICIENT CAPACITY TO SUPPORT ALL NEW WORK THAT WILL BE DONE IN COMPLIANCE WITH THE CURRENT EDITION OF BUILDING CODES AND EIA/TIA CRITERIA. THE CONTRACTOR IS RESPONSIBLE TO CONFIRM THAT ANY AND ALL IMPROVEMENTS REQUIRED BY THE STRUCTURAL ANALYSIS CERTIFICATION ARE PROPERLY INSTALLED PRIOR TO THE ADDITION OF ANTENNAS, SUPPORTS AND APPURTENANCES PROPOSED ON THESE DRAWING OTHERWISE NOTED IN THE STRUCTURAL ANALYSIS.CAP AND WEATHERPROFF UNUSED ANTENNA PORTS.
4. ESTIMATED HYBRIFLEX CABLE LENGTH: 167' (EACH RUN)



1 COMPOUND PLAN
SCALE: 0' 1' 4' 8' 16'

N

EXISTING TO REMAIN:
(6) CDMA ANTENNAS
(6) LTE ANTENNAS
(3) BSAMNT-SBS-2-2 MOUNTS
(2) FIBER CABLES
(2) HTTA BOXES
EXISTING TO BE REMOVED:
(3) 700 RRHS
(3) 850 RRHS
(3) 1900 RRHS
(6) 2100 RRHS
PROPOSED:
(3) CBRS ANTENNAS
(3) B2/B66A RRHS
(3) B5/B13 RRHS
(3) CBRS RRHS
(3) DIPLEXERS
RECONFIGURE ANTENNA POSITIONS AS SHOWN IN PLUMBING DIAGRAM



2 FINAL TOWER ELEVATION
SCALE: 0' 4' 8' 16' 32'

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WESTBOROUGH, MA 01581
PH: (508) 330-3300

NO HAVEN CT

117 WASHINGTON ST
NORTH HAVEN, CT 06473

EXISTING MONOPOLE

PROJECT NO:	139624.001.01
CHECKED BY:	RMC

ISSUED FOR:

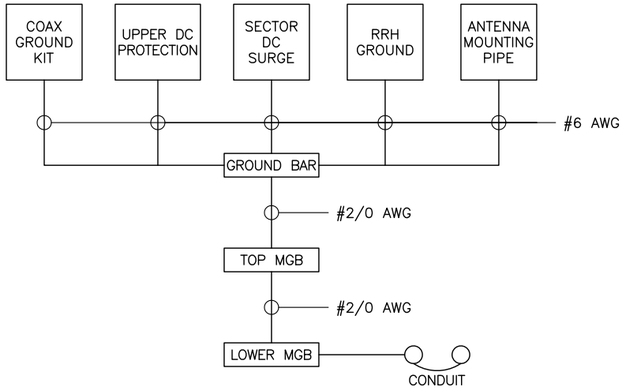
REV	DATE	DRWN	DESCRIPTION
0	11/1/19	STH	CONSTRUCTION

B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/20

STATE OF CONNECTICUT
31627
LICENSED
PROFESSIONAL ENGINEER
11/1/19

SHEET NUMBER:	REVISION:
A-1	0

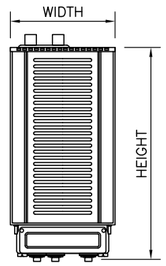
NOTE:
1. INSTALL ALL EQUIPMENT, MOUNTING BRACKETS AND HARDWARE ACCORDING WITH MANUFACTURE'S RECOMMENDATIONS.
2. GROUND DISTRIBUTION BOXES, MOUNTING PIPES AND RRHs IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS.
3. INSTALLED EQUIPMENT AND MOUNTING BRACKETS SHALL NOT INTERFERE WITH CLIMBING ACCESS NOR ANT INSTALLED SAFETY DEVICES.
4. EQUIPMENT TO BE INSTALLED AT VERIZON'S RAD. CENTER IN ACCORDANCE WITH TOWER STRUCTURAL ANALYSIS (ANALYSIS BY OTHERS).



NOTE:
1. BOND ANTENNA GROUNDING KIT CABLES TO TOP CIBE.
2. BOND ANTENNA GROUNDING KIT CABLE TO BOTTOM CIBE.
3. TYPICAL FOR ALL SECTORS.

1 GROUNDING SCHEMATIC DIAGRAM
SCALE: N.T.S.

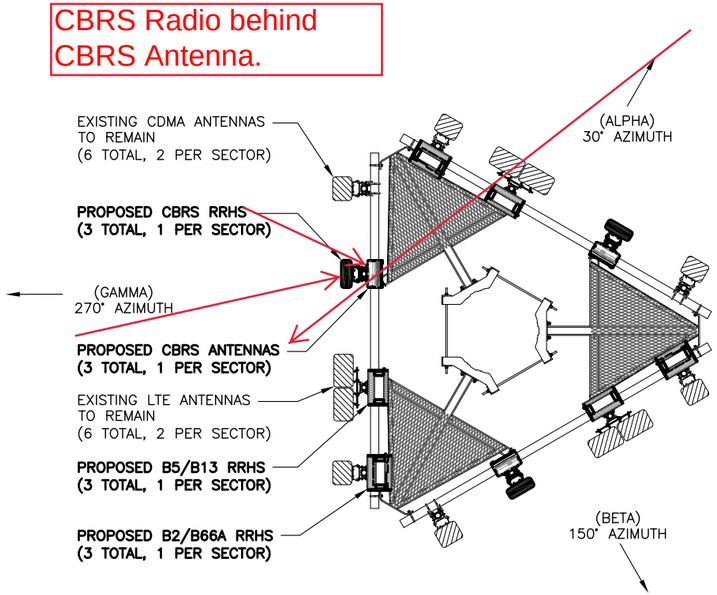
REMOTE RADIO HEAD DIMENSIONS (INCHES)				
MODEL	HEIGHT	WIDTH	DEPTH	WEIGHT
20W CBRS	12.1"	8.5"	4.1"	18.64 LBS
RV01U-D1A	15"	15"	10"	84.4 LBS
RV01U-D2A	15"	15"	8.1"	70.3 LBS



2 RRH SPECIFICATIONS
SCALE: N.T.S.

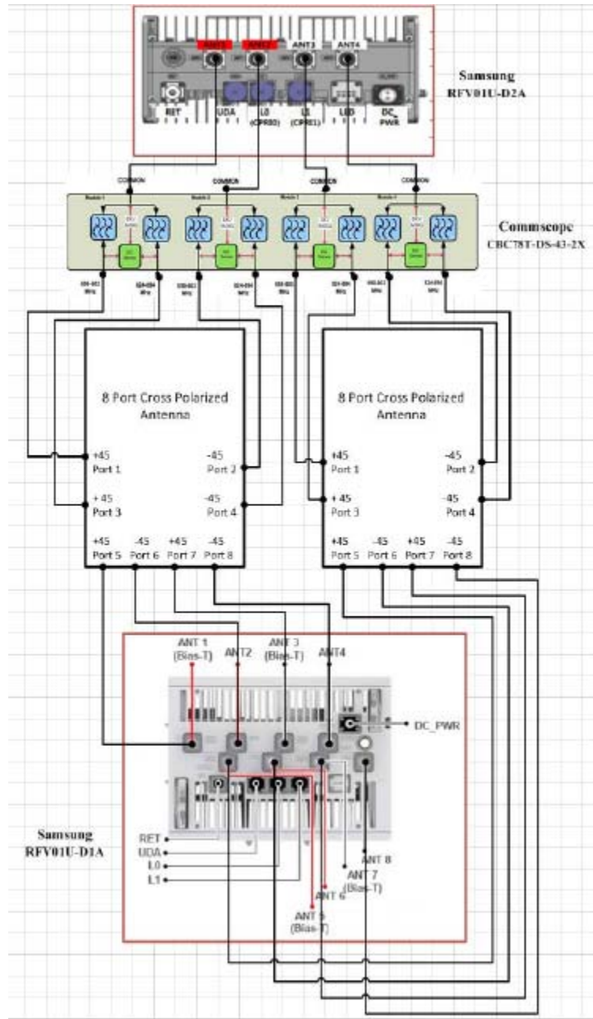
CBRS Radio behind CBRS Antenna.

Call out proposed antenna model number per RFDS.



3 PROPOSED ANTENNA ORIENTATION
SCALE: N.T.S.

N



4 ANTENNA SYSTEM LAYOUT
SCALE: N.T.S.

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NEW HAVEN CT

117 WASHINGTON ST
NORTH HAVEN, CT 06473

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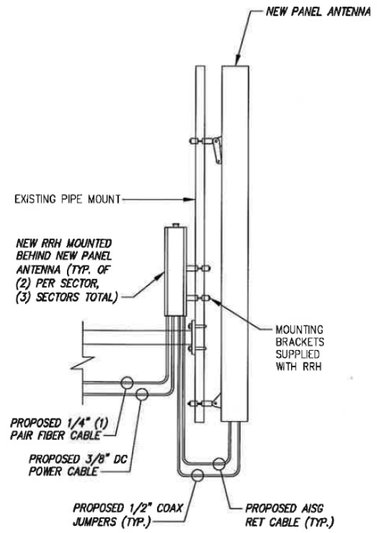

1 ANTENNA MOUNTING DETAIL

SCALE: N.T.S.

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PH: (508) 330-3300

NO HAVEN CT

117 WASHINGTON ST
NORTH HAVEN, CT 06473

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PROJECT NO:	139624.001.01
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