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

September 17, 2019

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

RE: **Notice of Exempt Modification for Verizon Wireless: 829046**
Verizon Site ID:20840
56 Norfield Rd. Weston, CT 06883
Latitude: 41° -12' 8.4"/ Longitude: -73° -22' 46.6"

Dear Ms. Bachman:

Verizon currently maintains twelve (12) antennas at the 150-foot level of the existing 190-foot monopole tower at 56 Norfield Road, Weston CT 06883. The tower is owned by Crown Castle and the Town of Weston is the property owner. Verizon now intends to replace six (6) antennas with six (6) new antennas. Verizon also intends to replace six (6) remote radios, one (1) hybrid cable, six (6) coaxial cables and one (1) OVP.

A request for the original zoning document (s) was sent on September 10, 2019 and a reply from the town Administrator was received stating that no original zoning documents exist. A copy of the correspondence is included with this letter.

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. Chris Spaulding, Town of Weston and Planning & Zoning Department, Town of Weston. The property owner is the Town of Weston and Crown Castle is the tower owner.

1. The proposed modifications will not result in an increase in the height of the existing tower.
2. The proposed modifications will not require the extension of the site boundary.
3. The proposed modification will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication Commission safety standard.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

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

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

Sincerely,

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

Attachments:

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

First-Selectman – Mr. Chris Spaulding
Town of Weston
56 Norfield Road
Weston, CT 06883
203-222-2656

Planning and Zoning Department
Town of Weston
Town Hall Annex
24 School Road
Weston, CT 06883
203-222-2618

Barbadora, Jeff

From: Barbadora, Jeff
Sent: Tuesday, September 10, 2019 1:24 PM
To: Jonathan Luiz
Cc: Donna Anastasia
Subject: RE: 56 Norfield Road, Weston, CT - 829046

Okay, thank you very much Jonathan.

Thanks,

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

From: Jonathan Luiz <jluiz@westonct.gov>
Sent: Tuesday, September 10, 2019 1:16 PM
To: Barbadora, Jeff <Jeff.Barbadora@crowncastle.com>
Cc: Donna Anastasia <danastasia@westonct.gov>
Subject: Re: 56 Norfield Road, Weston, CT - 829046

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Jeffrey,

The Tower is owned by the Town and located on Town-owned property. The Town is exempt from the local zoning regulations. Please make sure that the proposal will be in accordance will all existing agreements with the Town.

Sincerely,
Jonathan Luiz
Weston Town Administrator

On Tue, Sep 10, 2019 at 1:10 PM Donna Anastasia <danastasia@westonct.gov> wrote:

Hi This is something I believe is for you

---------- Forwarded message ---------
From: **Barbadora, Jeff** <Jeff.Barbadora@crowncastle.com>
Date: Tue, Sep 10, 2019 at 12:41 PM
Subject: 56 Norfield Road, Weston, CT - 829046
To: danastasia@westonct.gov <danastasia@westonct.gov>

Hi Donna,

My office is preparing to file with the Connecticut Siting Counsel (CSC) for Verizon to remove and replace their antennas at the cell tower on Town property, 56 Norfield Road. The CSC does require us to provide the original zoning document with the file package, if available. Would you know if there is an original zoning document for the approval of the tower?

I appreciate your time on this matter.

Thanks,

Jeffrey Barbadora

781-970-0053

12 Gill Street, Suite 5800, Woburn, MA 01801

CrownCastle.com

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Sincerely,
Jonathan Luiz
Weston Town Administrator

CONFIDENTIALITY(NOTICE):
This is a staff email account managed by the Town of Weston. This e-mail message from the Town of Weston, including any attachments, is for the sole use of the intended recipient(s) and may contain information that is privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient or authorized to receive information for the recipient, you are hereby notified that any review, use, disclosure, distribution, copying, printing, or action taken in reliance on the contents of this email is strictly prohibited. If you receive this communication in error, please, immediately contact the sender and destroy the material in its entirety. Please note that messages to or from the Town of Weston domain may be subject to the Freedom of Information Act (Conn. Gen. Stat. sections 1-200 et seq.) Thank you.

The Assessor's office is responsible for the maintenance of records on the ownership of properties. Assessments are computed at 70% of the estimated market value of real property at the time of the last revaluation which was 2018.

Town of Weston, CT

Information on the Property Records for the Municipality of Weston was last updated on 9/17/2019.

Parcel Information

Location:	56 NORFIELD ROAD	Property Use:	Miscellaneous Areas	Primary Use:	Support Area
Unique ID:	20010013	Map Block Lot:	22 6 28A	Acres:	0.00
490 Acres:	0.00	Zone:	C	Volume / Page:	
Developers Map / Lot:		Census:			

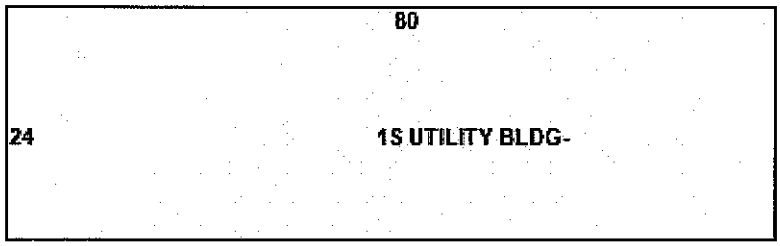
Value Information

	Appraised Value	Assessed Value
Land	0	0
Buildings	51,449	36,010
Detached Outbuildings	275,000	192,500
Total	326,449	228,510

Owner's Information

Owner's Data
VOICESTREAM WIRELESS ATTN. MARTHA JACKLE 12920 S.E. 38TH STREET BELLEVUE, WA 98006

Building 1



Category:	Industrial	Use:	Utility Building	GLA:	1,920
Stories:	1.00	Construction:	Masonry	Year Built:	2007

Heating:	Forced Hot Air	Fuel:	Natural Gas	Cooling Percent:	100
Siding:	Masonry/Masonry	Roof Material:	Asphalt	Beds/Units:	0

Special Features

Attached Components

Detached Outbuildings

Type:	Year Built:	Length:	Width:	Area:
Cell Tower	2007	4.00	0.00	4

Owner History - Sales

Owner Name	Volume	Page	Sale Date	Deed Type	Valid Sale	Sale Price
VOICESTREAM WIRELESS	0000	0000			No	$0

Information Published With Permission From The Assessor

Site Name: WESTON CT
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW PCS	1970	4	2137	8547.88	153	0.1313	1.0	13.13%
VZW Cellular CDMA	869	3	498	1494	153	0.0230	0.579333333	3.96%
VZW Cellular LTE	880	4	339	1354.72	153	0.0208	0.586666667	3.55%
VZW AWS	2145	4	2398	9590.88	153	0.1473	1.0	14.73%
VZW 700	746	4	589	2354.28	153	0.0362	0.497333333	7.27%

Total Percentage of Maximum Permissible Exposure 42.65%

*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 C95.1-19

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.

ORIGIN ID:BEDA (781) 970-0054
CHRISTIAN HARRINGTON
12 GILL ST
SUITE 5800
WOBURN, MA 01801
UNITED STATES US

SHIP DATE: 17SEP19
ACTWGT: 1.00 LB
CAD: 10492419/INET4160

BILL SENDER

TO **1ST SELECTMAN - MR. CHRIS SPAULDING**
TOWN OF WESTON CT
56 NORTHFIELD ROAD
WESTON CT 06883
(203) 222-2656
INV:
PO:
REF: 1011.7680
DEPT:

567J1/9D04/05A2

J192013062401uv

FedEx Express

WED - 18 SEP 10:30A
PRIORITY OVERNIGHT

TRK# 0201 **7762 5861 5519**

EG DXRA

06883
CT-US **SWF**

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CHRISTIAN HARRINGTON
12 GILL ST
SUITE 5800
WOBURN, MA 01801
UNITED STATES US

SHIP DATE: 17SEP19
ACTWGT: 1.00 LB
CAD: 104924191/INET4160

BILL SENDER

TO **PLANNING & ZONING DEPARTMENT**
TOWN OF WESTON CT
24 SCHOOL ROAD
TOWN HALL ANNEX
WESTON CT 06883
(203) 222-2618
INV:
PO:
REF: 1011 7680
DEPT:

567J1/9D04/05A2

J192019062401uv

FedEx Express

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TRK# 0201 **7762 5866 2352**

06883
CT-US **SWF**

EG DXRA

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Date: **July 15, 2019**

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

Engineered Tower Solutions, PLLC
8120 Sheridan Blvd, Suite A-311
Westminster, CO 80003
(919) 782-2710
brandon.little@ets-pllc.com

Subject:	**Mount Analysis Report**	
Carrier Designation:	**Verizon Wireless Equipment Change-Out**	
	Carrier Site Number:	20840
	Carrier Site Name:	Weston CT
Crown Castle Designation:	**Crown Castle BU Number:**	829046
	Crown Castle Site Name:	Weston/ Rt-57/ Norfield R
	Crown Castle JDE Number:	582614
	Crown Castle Order Number:	499102 Rev. 0
Engineering Firm Designation:	**ETS Report Designation:**	194467.14
Site Data:	**56 Norfield Rd. (Town Hall), Weston, Fairfield County, CT 06883**	
	Latitude: 41° 12' 8.40" Longitude: -73° 22' 46.60"	
Structure Information:	**Tower Height & Type:**	190.0 ft Monopole
	Mount Elevation:	150.0 ft
	Mount Type:	14.0 ft Platform Mount

Dear Charles McGuirt,

Engineered Tower Solutions, PLLC 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 Mount **Sufficient**

This analysis utilizes an ultimate 3-second gust wind speed of 120 mph as required by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 – Analysis Criteria.

Mount structural analysis prepared by: Brandon R. Little, EI

Respectfully Submitted by:

Frederic G. Bost, PE, CWI, GC
Owner/President
(919) 782-2710
Geoff.Bost@ets-pllc.com

STATE OF CONNECTICUT
FREDERIC BOST
PEN.0029529
LICENSED
PROFESSIONAL ENGINEER

Bost

15/19

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1) INTRODUCTION

This mount is an existing 14.0 ft Platform Mount. This mount is installed at the 150.0 ft elevation of the 190.0 ft Monopole. Engineered Tower Solutions, PLLC, did not visit the site. A mapping and/or mount manufacturer drawings were not provided. Therefore, per direction of Crown Castle, photos of the tower were compared with other mounts within our database and a similar and comparable mount was used to perform this mount analysis.

2) ANALYSIS CRITERIA

Building Code:	2015 IBC
TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	120 mph
Exposure Category:	B
Topographic Factor at Base:	1.000
Topographic Factor at Mount:	1.000
Ice Thickness:	1.50 in
Wind Speed with Ice:	50 mph
Seismic Ss:	0.226
Seismic S1:	0.067
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
150.0	150.0	2	Antel	LPA-80080/6CF	14.0 ft Platform Mount
		4	Decibel	DB846F65ZAXY	
		6	Quintel Technology	QS6656-5D	
		1	RFS/Celwave	DB-C1-12C-24AB-0Z	
		3	Samsung Telecommunications	RFV01U-D1A	
		3	Samsung Telecommunications	RFV01U-D2A	

3) ANALYSIS PROCEDURE

Table 2 – Documents Provided

Document	Remarks	Reference	Source
Carrier Application	Verizon Wireless	07/02/2019	CCISites
4-Structural Analysis Report	Black & Veatch Corp.	7536644	CCISites
Structure Level Drawings (Proposed)	Verizon Wireless	07/02/2019	CCISites

3.1) Analysis Method

RISA-3D (version 17.0.2), 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.

A tool internally developed, using Microsoft Excel, by ETS, PLLC was used to calculate wind loading on all appurtenances, dishes, and mount members 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) Engineered Tower Solutions, PLLC, did not visit the site. A mapping and/or mount manufacturer drawings were not provided. Therefore, per direction of Crown Castle, photos of the tower were compared with other mounts within our database and a similar and comparable mount was used to perform this mount analysis.
2) The antenna mounting system was properly fabricated, installed and maintained in good condition in accordance with its original design and manufacturer's specification.
3) The configuration of antennas, mounts and other appurtenances are as specified in Table 1 and the referenced drawings.
4) All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
5) This Structural Analysis is not a condition assessment of the mount and is an evaluation of the theoretical structural capacity.
6) This analysis is based from the information supplied, and therefore, this report's results are as accurate as the supplied data.
7) Engineered Tower Solutions, PLLC makes no warranties, expressed and/or implied, in connection with this report, and disclaims any liability associated with material, fabrication, or erection of the mount. Engineered Tower Solutions, PLLC will not be held responsible from any consequential or incidental damages sustained by any person, firm, or organization as a result of the contents of this report. The maximum liability of Engineered Tower Solutions, PLLC pursuant to this report will be limited to the total fee received for compilation of this report.
8) It is the tower owner's responsibility to verify that the mount modeled and analyzed is the correct structure modeled.
9) The use of this report shall be limited to the purpose for which it was commissioned and may not be used for any other purposes without the written consent of Engineered Tower Solutions, PLLC.
10) Steel grades have been assumed as follows:

a)	Channel, Solid Round, Angle, Plate	ASTM A36 (Gr 36)
b)	HSS (Rectangular)	ASTM A500 (Gr B-46)
c)	HSS (Round)	ASTM A500 (Gr B-42)
d)	Pipe	ASTM A53 (Gr 35)
e)	Connection Bolts	ASTM A325
f)	Unistrut	ASTM A653 SS (Gr 33)

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

4) ANALYSIS RESULTS

Table 3 – Mount Component Stresses vs. Capacity (Platform Mount)

Notes	Component	Critical Member	Centerline (ft)	% Capacity	Pass / Fail
1	Face Mount (3.0SCH40)	FM3	150.0	45.1	PASS
1	Grate Support (L1.5x2.5x1/4)	GRATE7		99.4	PASS
1	Mount Pipe (2.0SCH40)	MP15		14.9	PASS
1	Sidearm (HSS3x3x3/8)	SA-BOT-2		77.1	PASS

Notes:

1) See additional documentation in "Appendix C – Software Analysis Output" for calculations supporting the % capacity consumed.

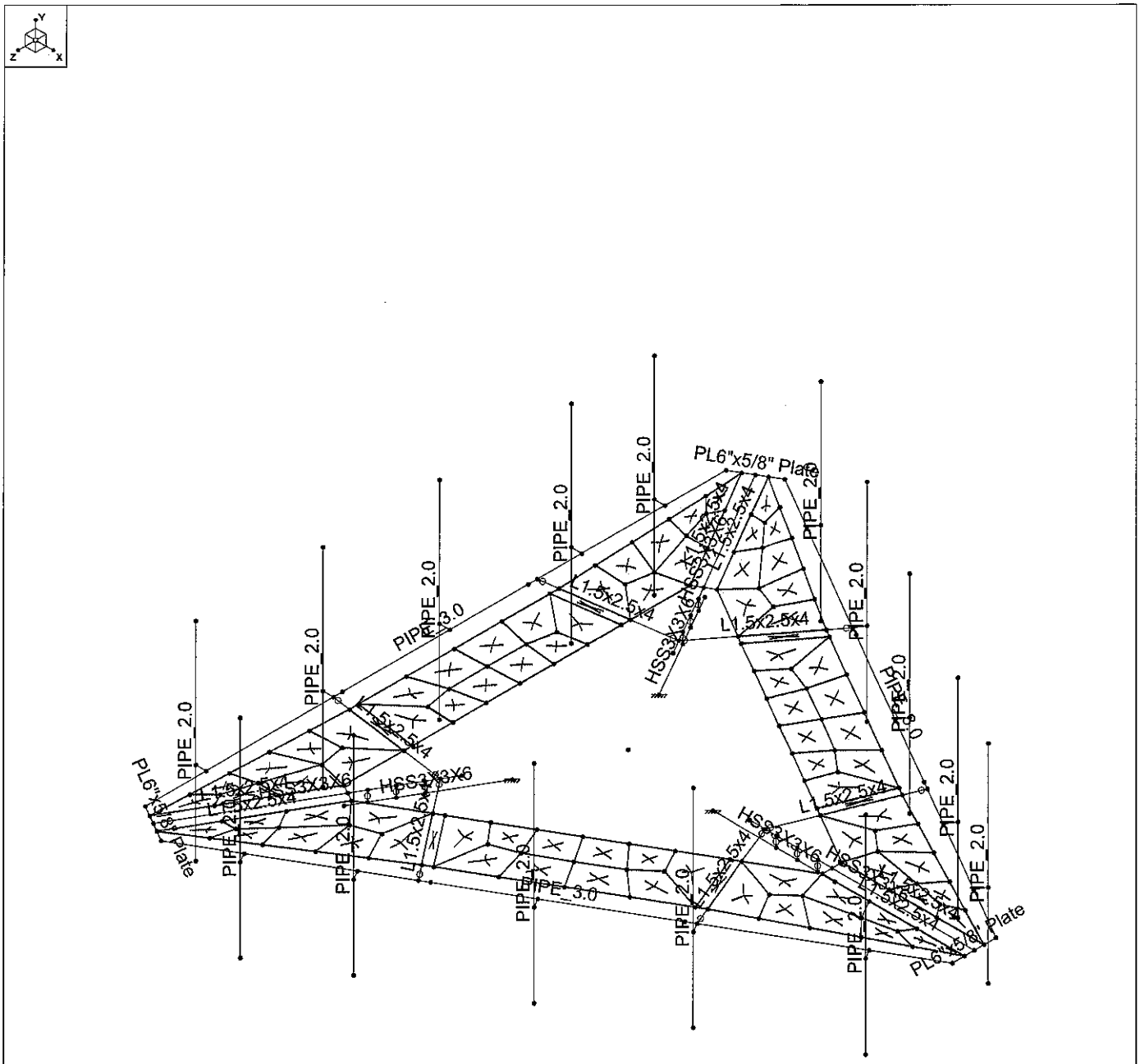
Tower Mount Rating (max from all components) =	**99.4%**

4.1) Recommendations

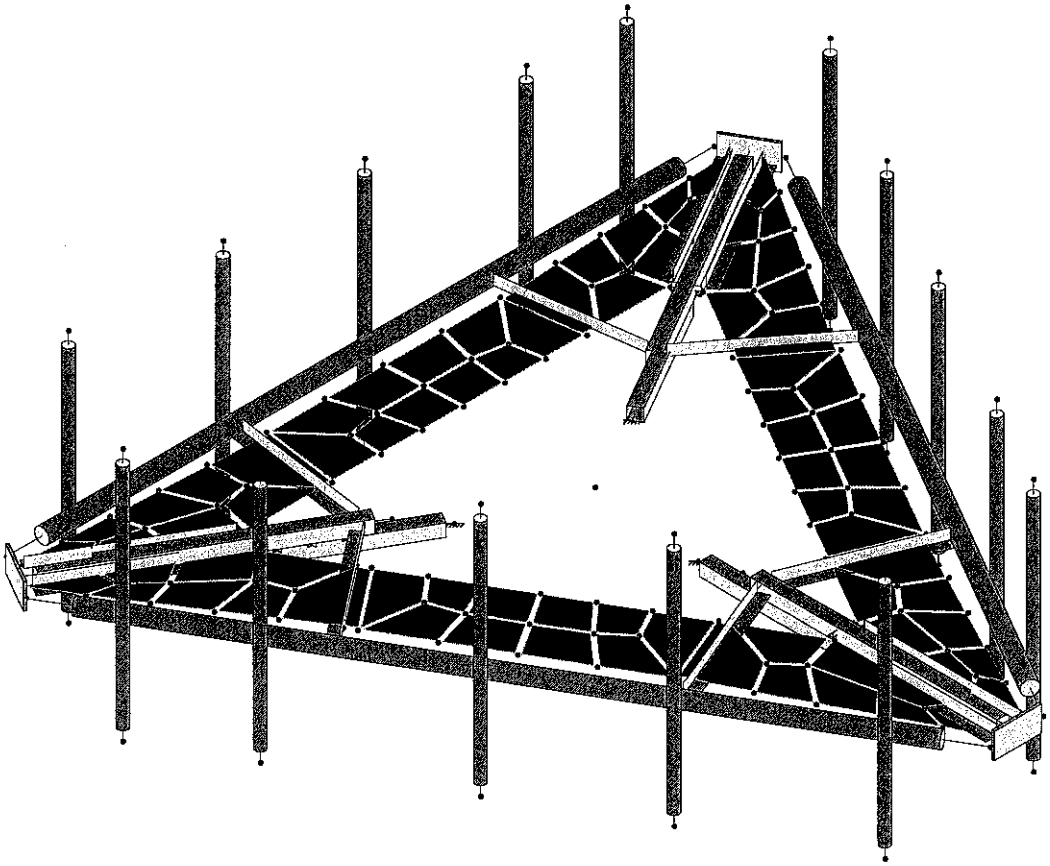
The mount has sufficient capacity to carry the proposed loading configuration. No modifications are required at this time.

APPENDIX A

WIRE FRAME AND RENDERED MODELS



ETS, PLLC	829046 - Weston/ Rt-57/ Norfield R Mount Analysis	SK - 1
BRL		July 15, 2019 at 5:03 PM
194467.14		829046_Loaded.r3d



ETS, PLLC	829046 - Weston/ Rt-57/ Norfield R Mount Analysis	SK - 2
BRL		July 15, 2019 at 5:03 PM
194467.14		829046_Loaded.r3d

APPENDIX B

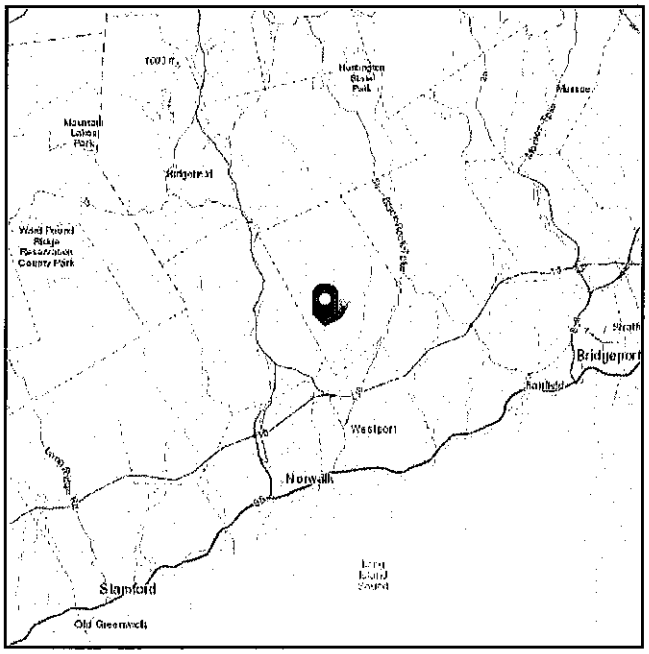
SOFTWARE INPUT CALCULATIONS

ASCE 7 Hazards Report

Address:
No Address at This Location

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

Elevation: 321.79 ft (NAVD 88)
Latitude: 41.202333
Longitude: -73.379611



Wind

Results:

Wind Speed:	119 Vmph	120 mph per WSEL
10-year MRI	76 Vmph	
25-year MRI	86 Vmph	
50-year MRI	91 Vmph	
100-year MRI	98 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 Jul 12 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

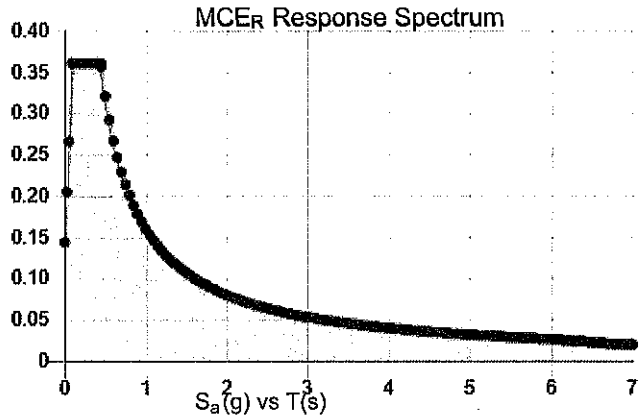
Seismic

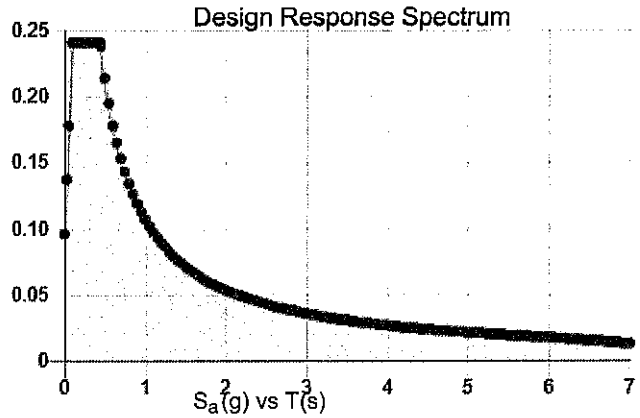
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.226	S_{DS} :	0.241
S_1 :	0.067	S_{D1} :	0.107
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.126
S_{MS} :	0.361	PGA_M :	0.195
S_{M1} :	0.16	F_{PGA} :	1.548
		I_e :	1

Seismic Design Category B





Data Accessed: Fri Jul 12 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.

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:	Fri Jul 12 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.

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ETS

ENGINEERED TOWER SOLUTIONS, PLLC

APPENDIX C

SOFTWARE ANALYSIS OUTPUT

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design R...
1	FM1	N5	N6			PIPE_3.0	None	None	A53 Gr.B	Typical
2	FM2	N1	N4			PIPE_3.0	None	None	A53 Gr.B	Typical
3	FM3	N2	N3			PIPE_3.0	None	None	A53 Gr.B	Typical
4	GRATE1	N101	N102			L1.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
5	GRATE2	N49	N44			L1.5x2.5x4	None	None	A36 Gr.36	Typical
6	GRATE3	N74B	N75B			L1.5x2.5x4	None	None	A36 Gr.36	Typical
7	GRATE4	N77	N76A			L1.5x2.5x4	None	None	A36 Gr.36	Typical
8	GRATE5	N46	N52			L1.5x2.5x4	None	None	A36 Gr.36	Typical
9	GRATE6	N98	N97			L1.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
10	GRATE7	N95A	N96			L1.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
11	GRATE8	N50	N46			L1.5x2.5x4	None	None	A36 Gr.36	Typical
12	GRATE9	N80	N81			L1.5x2.5x4	None	None	A36 Gr.36	Typical
13	GRATE10	N79	N78			L1.5x2.5x4	None	None	A36 Gr.36	Typical
14	GRATE11	N45	N47			L1.5x2.5x4	None	None	A36 Gr.36	Typical
15	GRATE12	N95	N94			L1.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
16	GRATE13	N92	N93			L1.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
17	GRATE14	N48	N45			L1.5x2.5x4	None	None	A36 Gr.36	Typical
18	GRATE15	N82	N83			L1.5x2.5x4	None	None	A36 Gr.36	Typical
19	GRATE16	N85	N84			L1.5x2.5x4	None	None	A36 Gr.36	Typical
20	GRATE17	N44	N51			L1.5x2.5x4	None	None	A36 Gr.36	Typical
21	GRATE18	N104	N103			L1.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
22	MP1	N120	N251A			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
23	MP2	N268	N267			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
24	MP3	N124	N123			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
25	MP4	N261A	N262A			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
26	MP5	N122	N252A			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
27	MP6	N161	N255A			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
28	MP7	N293	N292			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
29	MP8	N165	N164			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
30	MP9	N287	N288			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
31	MP10	N163	N256A			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
32	MP11	N140	N253A			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
33	MP12	N280	N279			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
34	MP13	N144	N143			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
35	MP14	N274	N275			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
36	MP15	N142	N254A			PIPE_2.0	Column	Pipe	A53 Gr.B	Typical
37	PL-BOT-1	N1	N2			PL6"x5/8" Plate	None	None	A36 Gr.36	Typical
38	PL-BOT-2	N3	N5			PL6"x5/8" Plate	None	None	A36 Gr.36	Typical
39	PL-BOT-3	N4	N6			PL6"x5/8" Plate	None	None	A36 Gr.36	Typical
40	R1	N41	N23			RIGID	None	None	RIGID	Typical
41	R2	N42	N24			RIGID	None	None	RIGID	Typical
42	R3	N43	N25			RIGID	None	None	RIGID	Typical
43	R4	N38	N19			RIGID	None	None	RIGID	Typical
44	R5	N39	N20			RIGID	None	None	RIGID	Typical
45	R6	N40	N21			RIGID	None	None	RIGID	Typical
46	R7	N35	N15			RIGID	None	None	RIGID	Typical
47	R8	N36	N16			RIGID	None	None	RIGID	Typical
48	R9	N37	N17			RIGID	None	None	RIGID	Typical
49	R10	N66	N74B			RIGID	None	None	RIGID	Typical
50	R11	N65	N86			RIGID	None	None	RIGID	Typical
51	R12	N76A	N68			RIGID	None	None	RIGID	Typical
52	R13	N87	N67			RIGID	None	None	RIGID	Typical
53	R14	N80	N70			RIGID	None	None	RIGID	Typical
54	R15	N89	N69			RIGID	None	None	RIGID	Typical
55	R16	N88	N71A			RIGID	None	None	RIGID	Typical
56	R17	N78	N72A			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design R...
57	R18	N82	N74			RIGID	None	None	RIGID	Typical
58	R19	N90	N73A			RIGID	None	None	RIGID	Typical
59	R20	N84	N76			RIGID	None	None	RIGID	Typical
60	R21	N91	N75			RIGID	None	None	RIGID	Typical
61	R22	N92	N94			RIGID	None	None	RIGID	Typical
62	R23	N95A	N97			RIGID	None	None	RIGID	Typical
63	R24	N101	N103			RIGID	None	None	RIGID	Typical
64	R25	N104A	N112			RIGID	None	None	RIGID	Typical
65	R27	N108	N116			RIGID	None	None	RIGID	Typical
66	R29	N110	N118			RIGID	None	None	RIGID	Typical
67	R31	N125	N132			RIGID	None	None	RIGID	Typical
68	R33	N128	N136			RIGID	None	None	RIGID	Typical
69	R35	N130	N138			RIGID	None	None	RIGID	Typical
70	R37	N146	N153			RIGID	None	None	RIGID	Typical
71	R39	N149	N157			RIGID	None	None	RIGID	Typical
72	R41	N151	N159			RIGID	None	None	RIGID	Typical
73	R43	N257B	N259B			RIGID	None	None	RIGID	Typical
74	R45	N49	N265			RIGID	None	None	RIGID	Typical
75	R47	N270	N272			RIGID	None	None	RIGID	Typical
76	R49	N48	N277			RIGID	None	None	RIGID	Typical
77	R51	N283	N285			RIGID	None	None	RIGID	Typical
78	R53	N50	N290			RIGID	None	None	RIGID	Typical
79	SA-BOT-1	N257A	N32			HSS3X3X6	Beam	Tube	A500 Gr.B Rect	Typical
80	SA-BOT-2	N258A	N30			HSS3X3X6	Beam	Tube	A500 Gr.B Rect	Typical
81	SA-BOT-3	N259A	N34			HSS3X3X6	Beam	Tube	A500 Gr.B Rect	Typical
82	SA-TOP-1	N18	N27			HSS3X3X6	Beam	Tube	A500 Gr.B Rect	Typical
83	SA-TOP-2	N71B	N26			HSS3X3X6	Beam	Tube	A500 Gr.B Rect	Typical
84	SA-TOP-3	N69A	N28			HSS3X3X6	Beam	Tube	A500 Gr.B Rect	Typical

Material Takeoff

	Material	Size	Pieces	Length[in]	Weight[K]
1	General				
2	RIGID		39	120.9	0
3	Total General		39	120.9	0
4					
5	Hot Rolled Steel				
6	A36 Gr.36	L1.5x2.5x4	18	608	.2
7	A36 Gr.36	PL6"x5/8" Plate	3	37.8	0
8	A500 Gr.B Rect	HSS3X3X6	6	303.1	.3
9	A53 Gr.B	PIPE_2.0	15	900	.3
10	A53 Gr.B	PIPE_3.0	3	504	.3
11	Total HR Steel		45	2352.9	1.1
12					
13	Plate Elements	Thickness (in)		Volume (yds^3)	
14	WorkPlatform	.1	84	0	.3
15	Total Plates		84	0	.3

Member Point Loads (BLC 1 : Dead Load)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	Y	-260.6	%40
2	MP2	Y	-21	%50
3	MP3	Y	0	%50
4	MP4	Y	-88	%50
5	MP5	Y	-21	%50

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
6	MP6	Y	-242.7	%40
7	MP7	Y	-88	%50
8	MP8	Y	0	%50
9	MP9	Y	-21	%50
10	MP10	Y	-21	%50
11	MP11	Y	-256.8	%40
12	MP12	Y	-88	%50
13	MP13	Y	0	%50
14	MP14	Y	-21	%50
15	MP15	Y	-21	%50

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	269.8	%40
2	MP2	X	0	%50
3	MP3	X	41.1	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	121.9	%40
7	MP7	X	30.8	%50
8	MP8	X	41.1	%50
9	MP9	X	30.8	%50
10	MP10	X	30.8	%50
11	MP11	X	128	%40
12	MP12	X	30.8	%50
13	MP13	X	41.1	%50
14	MP14	X	30.9	%50
15	MP15	X	30.9	%50
16	MP1	Z	0	%40
17	MP2	Z	0	%50
18	MP3	Z	0	%50
19	MP4	Z	0	%50
20	MP5	Z	0	%50
21	MP6	Z	0	%40
22	MP7	Z	0	%50
23	MP8	Z	0	%50
24	MP9	Z	0	%50
25	MP10	Z	0	%50
26	MP11	Z	0	%40
27	MP12	Z	0	%50
28	MP13	Z	0	%50
29	MP14	Z	0	%50
30	MP15	Z	0	%50

Member Point Loads (BLC 3 : Wind Load (30 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	222.5	%40
2	MP2	X	8.9	%50
3	MP3	X	35.6	%50
4	MP4	X	8.9	%50
5	MP5	X	8.9	%50
6	MP6	X	103.3	%40
7	MP7	X	35.6	%50
8	MP8	X	35.6	%50
9	MP9	X	35.6	%50
10	MP10	X	35.6	%50

Member Point Loads (BLC 3 : Wind Load (30 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
11	MP11	X	111.8	%40
12	MP12	X	8.9	%50
13	MP13	X	35.6	%50
14	MP14	X	9.1	%50
15	MP15	X	9.1	%50
16	MP1	Z	128.5	%40
17	MP2	Z	5.1	%50
18	MP3	Z	20.5	%50
19	MP4	Z	5.1	%50
20	MP5	Z	5.1	%50
21	MP6	Z	59.7	%40
22	MP7	Z	20.5	%50
23	MP8	Z	20.5	%50
24	MP9	Z	20.5	%50
25	MP10	Z	20.5	%50
26	MP11	Z	64.6	%40
27	MP12	Z	5.1	%50
28	MP13	Z	20.5	%50
29	MP14	Z	5.3	%50
30	MP15	Z	5.3	%50

Member Point Loads (BLC 4 : Wind Load (60 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	115.5	%40
2	MP2	X	15.4	%50
3	MP3	X	20.5	%50
4	MP4	X	15.4	%50
5	MP5	X	15.4	%50
6	MP6	X	60.9	%40
7	MP7	X	15.4	%50
8	MP8	X	20.5	%50
9	MP9	X	15.4	%50
10	MP10	X	15.4	%50
11	MP11	X	64.8	%40
12	MP12	X	0	%50
13	MP13	X	20.5	%50
14	MP14	X	.2	%50
15	MP15	X	.2	%50
16	MP1	Z	200.1	%40
17	MP2	Z	26.7	%50
18	MP3	Z	35.6	%50
19	MP4	Z	26.7	%50
20	MP5	Z	26.7	%50
21	MP6	Z	105.6	%40
22	MP7	Z	26.7	%50
23	MP8	Z	35.6	%50
24	MP9	Z	26.7	%50
25	MP10	Z	26.7	%50
26	MP11	Z	112.3	%40
27	MP12	Z	0	%50
28	MP13	Z	35.6	%50
29	MP14	Z	.3	%50
30	MP15	Z	.3	%50

Member Point Loads (BLC 5 : Wind Load (90 deg))

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

Member Point Loads (BLC 5 : Wind Load (90 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%40
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%40
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%40
12	MP12	X	0	%50
13	MP13	X	0	%50
14	MP14	X	0	%50
15	MP15	X	0	%50
16	MP1	Z	218.2	%40
17	MP2	Z	41.1	%50
18	MP3	Z	41.1	%50
19	MP4	Z	41.1	%50
20	MP5	Z	41.1	%50
21	MP6	Z	127	%40
22	MP7	Z	10.3	%50
23	MP8	Z	41.1	%50
24	MP9	Z	10.3	%50
25	MP10	Z	10.3	%50
26	MP11	Z	129.1	%40
27	MP12	Z	10.3	%50
28	MP13	Z	41.1	%50
29	MP14	Z	10.5	%50
30	MP15	Z	10.5	%50

Member Point Loads (BLC 6 : Wind Load (120 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-115.5	%40
2	MP2	X	-15.4	%50
3	MP3	X	-20.5	%50
4	MP4	X	-15.4	%50
5	MP5	X	-15.4	%50
6	MP6	X	-64.8	%40
7	MP7	X	0	%50
8	MP8	X	-20.5	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	-64	%40
12	MP12	X	-15.4	%50
13	MP13	X	-20.5	%50
14	MP14	X	-15.4	%50
15	MP15	X	-15.4	%50
16	MP1	Z	200.1	%40
17	MP2	Z	26.7	%50
18	MP3	Z	35.6	%50
19	MP4	Z	26.7	%50
20	MP5	Z	26.7	%50
21	MP6	Z	112.3	%40
22	MP7	Z	0	%50
23	MP8	Z	35.6	%50

Member Point Loads (BLC 6 : Wind Load (120 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
24	MP9	Z	0	%50
25	MP10	Z	0	%50
26	MP11	Z	110.9	%40
27	MP12	Z	26.7	%50
28	MP13	Z	35.6	%50
29	MP14	Z	26.8	%50
30	MP15	Z	26.8	%50

Member Point Loads (BLC 7 : Wind Load (150 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-222.5	%40
2	MP2	X	-8.9	%50
3	MP3	X	-35.6	%50
4	MP4	X	-8.9	%50
5	MP5	X	-8.9	%50
6	MP6	X	-110	%40
7	MP7	X	-8.9	%50
8	MP8	X	-35.6	%50
9	MP9	X	-8.9	%50
10	MP10	X	-8.9	%50
11	MP11	X	-110.4	%40
12	MP12	X	-35.6	%50
13	MP13	X	-35.6	%50
14	MP14	X	-35.6	%50
15	MP15	X	-35.6	%50
16	MP1	Z	128.5	%40
17	MP2	Z	5.1	%50
18	MP3	Z	20.5	%50
19	MP4	Z	5.1	%50
20	MP5	Z	5.1	%50
21	MP6	Z	63.5	%40
22	MP7	Z	5.1	%50
23	MP8	Z	20.5	%50
24	MP9	Z	5.1	%50
25	MP10	Z	5.1	%50
26	MP11	Z	63.8	%40
27	MP12	Z	20.5	%50
28	MP13	Z	20.5	%50
29	MP14	Z	20.5	%50
30	MP15	Z	20.5	%50

Member Point Loads (BLC 8 : Wind Load (180 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-269.8	%40
2	MP2	X	0	%50
3	MP3	X	-41.1	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	-121.9	%40
7	MP7	X	-30.8	%50
8	MP8	X	-41.1	%50
9	MP9	X	-30.8	%50
10	MP10	X	-30.8	%50
11	MP11	X	-128	%40
12	MP12	X	-30.8	%50
13	MP13	X	-41.1	%50

Member Point Loads (BLC 8 : Wind Load (180 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
14	MP14	X	-30.9	%50
15	MP15	X	-30.9	%50
16	MP1	Z	0	%40
17	MP2	Z	0	%50
18	MP3	Z	0	%50
19	MP4	Z	0	%50
20	MP5	Z	0	%50
21	MP6	Z	0	%40
22	MP7	Z	0	%50
23	MP8	Z	0	%50
24	MP9	Z	0	%50
25	MP10	Z	0	%50
26	MP11	Z	0	%40
27	MP12	Z	0	%50
28	MP13	Z	0	%50
29	MP14	Z	0	%50
30	MP15	Z	0	%50

Member Point Loads (BLC 9 : Wind Load (210 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-222.5	%40
2	MP2	X	-8.9	%50
3	MP3	X	-35.6	%50
4	MP4	X	-8.9	%50
5	MP5	X	-8.9	%50
6	MP6	X	-103.3	%40
7	MP7	X	-35.6	%50
8	MP8	X	-35.6	%50
9	MP9	X	-35.6	%50
10	MP10	X	-35.6	%50
11	MP11	X	-111.8	%40
12	MP12	X	-8.9	%50
13	MP13	X	-35.6	%50
14	MP14	X	-9.1	%50
15	MP15	X	-9.1	%50
16	MP1	Z	-128.5	%40
17	MP2	Z	-5.1	%50
18	MP3	Z	-20.5	%50
19	MP4	Z	-5.1	%50
20	MP5	Z	-5.1	%50
21	MP6	Z	-59.7	%40
22	MP7	Z	-20.5	%50
23	MP8	Z	-20.5	%50
24	MP9	Z	-20.5	%50
25	MP10	Z	-20.5	%50
26	MP11	Z	-64.6	%40
27	MP12	Z	-5.1	%50
28	MP13	Z	-20.5	%50
29	MP14	Z	-5.3	%50
30	MP15	Z	-5.3	%50

Member Point Loads (BLC 10 : Wind Load (240 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-115.5	%40
2	MP2	X	-15.4	%50
3	MP3	X	-20.5	%50

Member Point Loads (BLC 10 : Wind Load (240 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
4	MP4	X	-15.4	%50
5	MP5	X	-15.4	%50
6	MP6	X	-60.9	%40
7	MP7	X	-15.4	%50
8	MP8	X	-20.5	%50
9	MP9	X	-15.4	%50
10	MP10	X	-15.4	%50
11	MP11	X	-64.8	%40
12	MP12	X	0	%50
13	MP13	X	-20.5	%50
14	MP14	X	-.2	%50
15	MP15	X	-.2	%50
16	MP1	Z	-200.1	%40
17	MP2	Z	-26.7	%50
18	MP3	Z	-35.6	%50
19	MP4	Z	-26.7	%50
20	MP5	Z	-26.7	%50
21	MP6	Z	-105.6	%40
22	MP7	Z	-26.7	%50
23	MP8	Z	-35.6	%50
24	MP9	Z	-26.7	%50
25	MP10	Z	-26.7	%50
26	MP11	Z	-112.3	%40
27	MP12	Z	0	%50
28	MP13	Z	-35.6	%50
29	MP14	Z	-.3	%50
30	MP15	Z	-.3	%50

Member Point Loads (BLC 11 : Wind Load (270 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%40
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%40
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%40
12	MP12	X	0	%50
13	MP13	X	0	%50
14	MP14	X	0	%50
15	MP15	X	0	%50
16	MP1	Z	-218.2	%40
17	MP2	Z	-41.1	%50
18	MP3	Z	-41.1	%50
19	MP4	Z	-41.1	%50
20	MP5	Z	-41.1	%50
21	MP6	Z	-127	%40
22	MP7	Z	-10.3	%50
23	MP8	Z	-41.1	%50
24	MP9	Z	-10.3	%50
25	MP10	Z	-10.3	%50
26	MP11	Z	-129.1	%40

Member Point Loads (BLC 11 : Wind Load (270 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
27	MP12	Z	-10.3	%50
28	MP13	Z	-41.1	%50
29	MP14	Z	-10.5	%50
30	MP15	Z	-10.5	%50

Member Point Loads (BLC 12 : Wind Load (300 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	115.5	%40
2	MP2	X	15.4	%50
3	MP3	X	20.5	%50
4	MP4	X	15.4	%50
5	MP5	X	15.4	%50
6	MP6	X	64.8	%40
7	MP7	X	0	%50
8	MP8	X	20.5	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	64	%40
12	MP12	X	15.4	%50
13	MP13	X	20.5	%50
14	MP14	X	15.4	%50
15	MP15	X	15.4	%50
16	MP1	Z	-200.1	%40
17	MP2	Z	-26.7	%50
18	MP3	Z	-35.6	%50
19	MP4	Z	-26.7	%50
20	MP5	Z	-26.7	%50
21	MP6	Z	-112.3	%40
22	MP7	Z	0	%50
23	MP8	Z	-35.6	%50
24	MP9	Z	0	%50
25	MP10	Z	0	%50
26	MP11	Z	-110.9	%40
27	MP12	Z	-26.7	%50
28	MP13	Z	-35.6	%50
29	MP14	Z	-26.8	%50
30	MP15	Z	-26.8	%50

Member Point Loads (BLC 13 : Wind Load (330 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	222.5	%40
2	MP2	X	8.9	%50
3	MP3	X	35.6	%50
4	MP4	X	8.9	%50
5	MP5	X	8.9	%50
6	MP6	X	110	%40
7	MP7	X	8.9	%50
8	MP8	X	35.6	%50
9	MP9	X	8.9	%50
10	MP10	X	8.9	%50
11	MP11	X	110.4	%40
12	MP12	X	35.6	%50
13	MP13	X	35.6	%50
14	MP14	X	35.6	%50
15	MP15	X	35.6	%50
16	MP1	Z	-128.5	%40

Member Point Loads (BLC 13 : Wind Load (330 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
17	MP2	Z	-5.1	%50
18	MP3	Z	-20.5	%50
19	MP4	Z	-5.1	%50
20	MP5	Z	-5.1	%50
21	MP6	Z	-63.5	%40
22	MP7	Z	-5.1	%50
23	MP8	Z	-20.5	%50
24	MP9	Z	-5.1	%50
25	MP10	Z	-5.1	%50
26	MP11	Z	-63.8	%40
27	MP12	Z	-20.5	%50
28	MP13	Z	-20.5	%50
29	MP14	Z	-20.5	%50
30	MP15	Z	-20.5	%50

Member Point Loads (BLC 14 : Ice Load)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	Y	-481	%40
2	MP2	Y	-234.2	%50
3	MP3	Y	-43.9	%50
4	MP4	Y	-262.9	%50
5	MP5	Y	-234.2	%50
6	MP6	Y	-365.7	%40
7	MP7	Y	-262.9	%50
8	MP8	Y	-43.9	%50
9	MP9	Y	-234.2	%50
10	MP10	Y	-234.2	%50
11	MP11	Y	-368.3	%40
12	MP12	Y	-262.9	%50
13	MP13	Y	-43.9	%50
14	MP14	Y	-245.9	%50
15	MP15	Y	-245.9	%50

Member Point Loads (BLC 15 : Wind on Ice (0 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	54.9	%40
2	MP2	X	.9	%50
3	MP3	X	13.8	%50
4	MP4	X	.9	%50
5	MP5	X	.9	%50
6	MP6	X	31.5	%40
7	MP7	X	10.5	%50
8	MP8	X	13.8	%50
9	MP9	X	10.5	%50
10	MP10	X	10.5	%50
11	MP11	X	32.7	%40
12	MP12	X	10.5	%50
13	MP13	X	13.8	%50
14	MP14	X	10.6	%50
15	MP15	X	10.6	%50
16	MP1	Z	0	%40
17	MP2	Z	0	%50
18	MP3	Z	0	%50
19	MP4	Z	0	%50
20	MP5	Z	0	%50
21	MP6	Z	0	%40

Member Point Loads (BLC 15 : Wind on Ice (0 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
22	MP7	Z	0	%50
23	MP8	Z	0	%50
24	MP9	Z	0	%50
25	MP10	Z	0	%50
26	MP11	Z	0	%40
27	MP12	Z	0	%50
28	MP13	Z	0	%50
29	MP14	Z	0	%50
30	MP15	Z	0	%50

Member Point Loads (BLC 16 : Wind on Ice (30 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	47.5	%40
2	MP2	X	3.5	%50
3	MP3	X	11.9	%50
4	MP4	X	3.5	%50
5	MP5	X	3.5	%50
6	MP6	X	28.5	%40
7	MP7	X	11.9	%50
8	MP8	X	11.9	%50
9	MP9	X	11.9	%50
10	MP10	X	11.9	%50
11	MP11	X	25.1	%40
12	MP12	X	3.5	%50
13	MP13	X	11.9	%50
14	MP14	X	3.6	%50
15	MP15	X	3.6	%50
16	MP1	Z	27.4	%40
17	MP2	Z	2	%50
18	MP3	Z	6.9	%50
19	MP4	Z	2	%50
20	MP5	Z	2	%50
21	MP6	Z	16.5	%40
22	MP7	Z	6.9	%50
23	MP8	Z	6.9	%50
24	MP9	Z	6.9	%50
25	MP10	Z	6.9	%50
26	MP11	Z	14.5	%40
27	MP12	Z	2	%50
28	MP13	Z	6.9	%50
29	MP14	Z	2.1	%50
30	MP15	Z	2.1	%50

Member Point Loads (BLC 17 : Wind on Ice (60 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	27.3	%40
2	MP2	X	5.3	%50
3	MP3	X	6.9	%50
4	MP4	X	5.3	%50
5	MP5	X	5.3	%50
6	MP6	X	15.7	%40
7	MP7	X	5.3	%50
8	MP8	X	6.9	%50
9	MP9	X	5.3	%50
10	MP10	X	5.3	%50
11	MP11	X	13.6	%40

Member Point Loads (BLC 17 : Wind on Ice (60 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
12	MP12	X	.4	%50
13	MP13	X	6.9	%50
14	MP14	X	.5	%50
15	MP15	X	.5	%50
16	MP1	Z	47.3	%40
17	MP2	Z	9.1	%50
18	MP3	Z	11.9	%50
19	MP4	Z	9.1	%50
20	MP5	Z	9.1	%50
21	MP6	Z	27.3	%40
22	MP7	Z	9.1	%50
23	MP8	Z	11.9	%50
24	MP9	Z	9.1	%50
25	MP10	Z	9.1	%50
26	MP11	Z	23.5	%40
27	MP12	Z	.7	%50
28	MP13	Z	11.9	%50
29	MP14	Z	.9	%50
30	MP15	Z	.9	%50

Member Point Loads (BLC 18 : Wind on Ice (90 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%40
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%40
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%40
12	MP12	X	0	%50
13	MP13	X	0	%50
14	MP14	X	0	%50
15	MP15	X	0	%50
16	MP1	Z	54.6	%40
17	MP2	Z	13.8	%50
18	MP3	Z	13.8	%50
19	MP4	Z	13.8	%50
20	MP5	Z	13.8	%50
21	MP6	Z	28.6	%40
22	MP7	Z	4.1	%50
23	MP8	Z	13.8	%50
24	MP9	Z	4.1	%50
25	MP10	Z	4.1	%50
26	MP11	Z	29	%40
27	MP12	Z	4.1	%50
28	MP13	Z	13.8	%50
29	MP14	Z	4.2	%50
30	MP15	Z	4.2	%50

Member Point Loads (BLC 19 : Wind on Ice (120 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-27.3	%40

Member Point Loads (BLC 19 : Wind on Ice (120 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
2	MP2	X	-5.3	%50
3	MP3	X	-6.9	%50
4	MP4	X	-5.3	%50
5	MP5	X	-5.3	%50
6	MP6	X	-13.6	%40
7	MP7	X	-.4	%50
8	MP8	X	-6.9	%50
9	MP9	X	-.4	%50
10	MP10	X	-.4	%50
11	MP11	X	-16.3	%40
12	MP12	X	-5.3	%50
13	MP13	X	-6.9	%50
14	MP14	X	-5.3	%50
15	MP15	X	-5.3	%50
16	MP1	Z	47.3	%40
17	MP2	Z	9.1	%50
18	MP3	Z	11.9	%50
19	MP4	Z	9.1	%50
20	MP5	Z	9.1	%50
21	MP6	Z	23.5	%40
22	MP7	Z	.7	%50
23	MP8	Z	11.9	%50
24	MP9	Z	.7	%50
25	MP10	Z	.7	%50
26	MP11	Z	28.3	%40
27	MP12	Z	9.1	%50
28	MP13	Z	11.9	%50
29	MP14	Z	9.1	%50
30	MP15	Z	9.1	%50

Member Point Loads (BLC 20 : Wind on Ice (150 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-47.5	%40
2	MP2	X	-3.5	%50
3	MP3	X	-11.9	%50
4	MP4	X	-3.5	%50
5	MP5	X	-3.5	%50
6	MP6	X	-24.7	%40
7	MP7	X	-3.5	%50
8	MP8	X	-11.9	%50
9	MP9	X	-3.5	%50
10	MP10	X	-3.5	%50
11	MP11	X	-29.9	%40
12	MP12	X	-11.9	%50
13	MP13	X	-11.9	%50
14	MP14	X	-11.9	%50
15	MP15	X	-11.9	%50
16	MP1	Z	27.4	%40
17	MP2	Z	2	%50
18	MP3	Z	6.9	%50
19	MP4	Z	2	%50
20	MP5	Z	2	%50
21	MP6	Z	14.3	%40
22	MP7	Z	2	%50
23	MP8	Z	6.9	%50
24	MP9	Z	2	%50

Member Point Loads (BLC 20 : Wind on Ice (150 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
25	MP10	Z	2	%50
26	MP11	Z	17.3	%40
27	MP12	Z	6.9	%50
28	MP13	Z	6.9	%50
29	MP14	Z	6.9	%50
30	MP15	Z	6.9	%50

Member Point Loads (BLC 21 : Wind on Ice (180 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-54.9	%40
2	MP2	X	-.9	%50
3	MP3	X	-13.8	%50
4	MP4	X	-.9	%50
5	MP5	X	-.9	%50
6	MP6	X	-31.5	%40
7	MP7	X	-10.5	%50
8	MP8	X	-13.8	%50
9	MP9	X	-10.5	%50
10	MP10	X	-10.5	%50
11	MP11	X	-32.7	%40
12	MP12	X	-10.5	%50
13	MP13	X	-13.8	%50
14	MP14	X	-10.6	%50
15	MP15	X	-10.6	%50
16	MP1	Z	0	%40
17	MP2	Z	0	%50
18	MP3	Z	0	%50
19	MP4	Z	0	%50
20	MP5	Z	0	%50
21	MP6	Z	0	%40
22	MP7	Z	0	%50
23	MP8	Z	0	%50
24	MP9	Z	0	%50
25	MP10	Z	0	%50
26	MP11	Z	0	%40
27	MP12	Z	0	%50
28	MP13	Z	0	%50
29	MP14	Z	0	%50
30	MP15	Z	0	%50

Member Point Loads (BLC 22 : Wind on Ice (210 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-47.5	%40
2	MP2	X	-3.5	%50
3	MP3	X	-11.9	%50
4	MP4	X	-3.5	%50
5	MP5	X	-3.5	%50
6	MP6	X	-28.5	%40
7	MP7	X	-11.9	%50
8	MP8	X	-11.9	%50
9	MP9	X	-11.9	%50
10	MP10	X	-11.9	%50
11	MP11	X	-25.1	%40
12	MP12	X	-3.5	%50
13	MP13	X	-11.9	%50
14	MP14	X	-3.6	%50

Member Point Loads (BLC 22 : Wind on Ice (210 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
15	MP15	X	-3.6	%50
16	MP1	Z	-27.4	%40
17	MP2	Z	-2	%50
18	MP3	Z	-6.9	%50
19	MP4	Z	-2	%50
20	MP5	Z	-2	%50
21	MP6	Z	-16.5	%40
22	MP7	Z	-6.9	%50
23	MP8	Z	-6.9	%50
24	MP9	Z	-6.9	%50
25	MP10	Z	-6.9	%50
26	MP11	Z	-14.5	%40
27	MP12	Z	-2	%50
28	MP13	Z	-6.9	%50
29	MP14	Z	-2.1	%50
30	MP15	Z	-2.1	%50

Member Point Loads (BLC 23 : Wind on Ice (240 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-27.3	%40
2	MP2	X	-5.3	%50
3	MP3	X	-6.9	%50
4	MP4	X	-5.3	%50
5	MP5	X	-5.3	%50
6	MP6	X	-15.7	%40
7	MP7	X	-5.3	%50
8	MP8	X	-6.9	%50
9	MP9	X	-5.3	%50
10	MP10	X	-5.3	%50
11	MP11	X	-13.6	%40
12	MP12	X	-.4	%50
13	MP13	X	-6.9	%50
14	MP14	X	-.5	%50
15	MP15	X	-.5	%50
16	MP1	Z	-47.3	%40
17	MP2	Z	-9.1	%50
18	MP3	Z	-11.9	%50
19	MP4	Z	-9.1	%50
20	MP5	Z	-9.1	%50
21	MP6	Z	-27.3	%40
22	MP7	Z	-9.1	%50
23	MP8	Z	-11.9	%50
24	MP9	Z	-9.1	%50
25	MP10	Z	-9.1	%50
26	MP11	Z	-23.5	%40
27	MP12	Z	-.7	%50
28	MP13	Z	-11.9	%50
29	MP14	Z	-.9	%50
30	MP15	Z	-.9	%50

Member Point Loads (BLC 24 : Wind on Ice (270 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%40
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50

Member Point Loads (BLC 24 : Wind on Ice (270 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
5	MP5	X	0	%50
6	MP6	X	0	%40
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%40
12	MP12	X	0	%50
13	MP13	X	0	%50
14	MP14	X	0	%50
15	MP15	X	0	%50
16	MP1	Z	-54.6	%40
17	MP2	Z	-13.8	%50
18	MP3	Z	-13.8	%50
19	MP4	Z	-13.8	%50
20	MP5	Z	-13.8	%50
21	MP6	Z	-28.6	%40
22	MP7	Z	-4.1	%50
23	MP8	Z	-13.8	%50
24	MP9	Z	-4.1	%50
25	MP10	Z	-4.1	%50
26	MP11	Z	-29	%40
27	MP12	Z	-4.1	%50
28	MP13	Z	-13.8	%50
29	MP14	Z	-4.2	%50
30	MP15	Z	-4.2	%50

Member Point Loads (BLC 25 : Wind on Ice (300 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	27.3	%40
2	MP2	X	5.3	%50
3	MP3	X	6.9	%50
4	MP4	X	5.3	%50
5	MP5	X	5.3	%50
6	MP6	X	13.6	%40
7	MP7	X	.4	%50
8	MP8	X	6.9	%50
9	MP9	X	.4	%50
10	MP10	X	.4	%50
11	MP11	X	16.3	%40
12	MP12	X	5.3	%50
13	MP13	X	6.9	%50
14	MP14	X	5.3	%50
15	MP15	X	5.3	%50
16	MP1	Z	-47.3	%40
17	MP2	Z	-9.1	%50
18	MP3	Z	-11.9	%50
19	MP4	Z	-9.1	%50
20	MP5	Z	-9.1	%50
21	MP6	Z	-23.5	%40
22	MP7	Z	-.7	%50
23	MP8	Z	-11.9	%50
24	MP9	Z	-.7	%50
25	MP10	Z	-.7	%50
26	MP11	Z	-28.3	%40
27	MP12	Z	-9.1	%50

Member Point Loads (BLC 25 : Wind on Ice (300 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
28	MP13	Z	-11.9	%50
29	MP14	Z	-9.1	%50
30	MP15	Z	-9.1	%50

Member Point Loads (BLC 26 : Wind on Ice (330 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	47.5	%40
2	MP2	X	3.5	%50
3	MP3	X	11.9	%50
4	MP4	X	3.5	%50
5	MP5	X	3.5	%50
6	MP6	X	24.7	%40
7	MP7	X	3.5	%50
8	MP8	X	11.9	%50
9	MP9	X	3.5	%50
10	MP10	X	3.5	%50
11	MP11	X	29.9	%40
12	MP12	X	11.9	%50
13	MP13	X	11.9	%50
14	MP14	X	11.9	%50
15	MP15	X	11.9	%50
16	MP1	Z	-27.4	%40
17	MP2	Z	-2	%50
18	MP3	Z	-6.9	%50
19	MP4	Z	-2	%50
20	MP5	Z	-2	%50
21	MP6	Z	-14.3	%40
22	MP7	Z	-2	%50
23	MP8	Z	-6.9	%50
24	MP9	Z	-2	%50
25	MP10	Z	-2	%50
26	MP11	Z	-17.3	%40
27	MP12	Z	-6.9	%50
28	MP13	Z	-6.9	%50
29	MP14	Z	-6.9	%50
30	MP15	Z	-6.9	%50

Member Point Loads (BLC 27 : Horizontal Seismic, Eh (0))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	260.6	%40
2	MP2	X	21	%50
3	MP3	X	0	%50
4	MP4	X	88	%50
5	MP5	X	21	%50
6	MP6	X	242.7	%40
7	MP7	X	88	%50
8	MP8	X	0	%50
9	MP9	X	21	%50
10	MP10	X	21	%50
11	MP11	X	256.8	%40
12	MP12	X	88	%50
13	MP13	X	0	%50
14	MP14	X	21	%50
15	MP15	X	21	%50
16	MP1	Z	0	%40
17	MP2	Z	0	%50

Member Point Loads (BLC 27 : Horizontal Seismic, Eh (0)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
18	MP3	Z	0	%50
19	MP4	Z	0	%50
20	MP5	Z	0	%50
21	MP6	Z	0	%40
22	MP7	Z	0	%50
23	MP8	Z	0	%50
24	MP9	Z	0	%50
25	MP10	Z	0	%50
26	MP11	Z	0	%40
27	MP12	Z	0	%50
28	MP13	Z	0	%50
29	MP14	Z	0	%50
30	MP15	Z	0	%50

Member Point Loads (BLC 28 : Horizontal Seismic, Eh (30))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	225.7	%40
2	MP2	X	18.2	%50
3	MP3	X	0	%50
4	MP4	X	76.2	%50
5	MP5	X	18.2	%50
6	MP6	X	210.2	%40
7	MP7	X	76.2	%50
8	MP8	X	0	%50
9	MP9	X	18.2	%50
10	MP10	X	18.2	%50
11	MP11	X	222.4	%40
12	MP12	X	76.2	%50
13	MP13	X	0	%50
14	MP14	X	18.2	%50
15	MP15	X	18.2	%50
16	MP1	Z	130.3	%40
17	MP2	Z	10.5	%50
18	MP3	Z	0	%50
19	MP4	Z	44	%50
20	MP5	Z	10.5	%50
21	MP6	Z	121.4	%40
22	MP7	Z	44	%50
23	MP8	Z	0	%50
24	MP9	Z	10.5	%50
25	MP10	Z	10.5	%50
26	MP11	Z	128.4	%40
27	MP12	Z	44	%50
28	MP13	Z	0	%50
29	MP14	Z	10.5	%50
30	MP15	Z	10.5	%50

Member Point Loads (BLC 29 : Horizontal Seismic, Eh (60))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	130.3	%40
2	MP2	X	10.5	%50
3	MP3	X	0	%50
4	MP4	X	44	%50
5	MP5	X	10.5	%50
6	MP6	X	121.4	%40
7	MP7	X	44	%50

Member Point Loads (BLC 29 : Horizontal Seismic, Eh (60)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
8	MP8	X	0	%50
9	MP9	X	10.5	%50
10	MP10	X	10.5	%50
11	MP11	X	128.4	%40
12	MP12	X	44	%50
13	MP13	X	0	%50
14	MP14	X	10.5	%50
15	MP15	X	10.5	%50
16	MP1	Z	225.7	%40
17	MP2	Z	18.2	%50
18	MP3	Z	0	%50
19	MP4	Z	76.2	%50
20	MP5	Z	18.2	%50
21	MP6	Z	210.2	%40
22	MP7	Z	76.2	%50
23	MP8	Z	0	%50
24	MP9	Z	18.2	%50
25	MP10	Z	18.2	%50
26	MP11	Z	222.4	%40
27	MP12	Z	76.2	%50
28	MP13	Z	0	%50
29	MP14	Z	18.2	%50
30	MP15	Z	18.2	%50

Member Point Loads (BLC 30 : Horizontal Seismic, Eh (90))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%40
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%40
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%40
12	MP12	X	0	%50
13	MP13	X	0	%50
14	MP14	X	0	%50
15	MP15	X	0	%50
16	MP1	Z	260.6	%40
17	MP2	Z	21	%50
18	MP3	Z	0	%50
19	MP4	Z	88	%50
20	MP5	Z	21	%50
21	MP6	Z	242.7	%40
22	MP7	Z	88	%50
23	MP8	Z	0	%50
24	MP9	Z	21	%50
25	MP10	Z	21	%50
26	MP11	Z	256.8	%40
27	MP12	Z	88	%50
28	MP13	Z	0	%50
29	MP14	Z	21	%50
30	MP15	Z	21	%50

Member Point Loads (BLC 31 : Horizontal Seismic, Eh (120))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-130.3	%40
2	MP2	X	-10.5	%50
3	MP3	X	0	%50
4	MP4	X	-44	%50
5	MP5	X	-10.5	%50
6	MP6	X	-121.3	%40
7	MP7	X	-44	%50
8	MP8	X	0	%50
9	MP9	X	-10.5	%50
10	MP10	X	-10.5	%50
11	MP11	X	-128.4	%40
12	MP12	X	-44	%50
13	MP13	X	0	%50
14	MP14	X	-10.5	%50
15	MP15	X	-10.5	%50
16	MP1	Z	225.7	%40
17	MP2	Z	18.2	%50
18	MP3	Z	0	%50
19	MP4	Z	76.2	%50
20	MP5	Z	18.2	%50
21	MP6	Z	210.2	%40
22	MP7	Z	76.2	%50
23	MP8	Z	0	%50
24	MP9	Z	18.2	%50
25	MP10	Z	18.2	%50
26	MP11	Z	222.4	%40
27	MP12	Z	76.2	%50
28	MP13	Z	0	%50
29	MP14	Z	18.2	%50
30	MP15	Z	18.2	%50

Member Point Loads (BLC 32 : Horizontal Seismic, Eh (150))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-225.7	%40
2	MP2	X	-18.2	%50
3	MP3	X	0	%50
4	MP4	X	-76.2	%50
5	MP5	X	-18.2	%50
6	MP6	X	-210.2	%40
7	MP7	X	-76.2	%50
8	MP8	X	0	%50
9	MP9	X	-18.2	%50
10	MP10	X	-18.2	%50
11	MP11	X	-222.4	%40
12	MP12	X	-76.2	%50
13	MP13	X	0	%50
14	MP14	X	-18.2	%50
15	MP15	X	-18.2	%50
16	MP1	Z	130.3	%40
17	MP2	Z	10.5	%50
18	MP3	Z	0	%50
19	MP4	Z	44	%50
20	MP5	Z	10.5	%50
21	MP6	Z	121.4	%40
22	MP7	Z	44	%50
23	MP8	Z	0	%50

Member Point Loads (BLC 32 : Horizontal Seismic, Eh (150)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
24	MP9	Z	10.5	%50
25	MP10	Z	10.5	%50
26	MP11	Z	128.4	%40
27	MP12	Z	44	%50
28	MP13	Z	0	%50
29	MP14	Z	10.5	%50
30	MP15	Z	10.5	%50

Member Point Loads (BLC 33 : Horizontal Seismic, Eh (180))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-260.6	%40
2	MP2	X	-21	%50
3	MP3	X	0	%50
4	MP4	X	-88	%50
5	MP5	X	-21	%50
6	MP6	X	-242.7	%40
7	MP7	X	-88	%50
8	MP8	X	0	%50
9	MP9	X	-21	%50
10	MP10	X	-21	%50
11	MP11	X	-256.8	%40
12	MP12	X	-88	%50
13	MP13	X	0	%50
14	MP14	X	-21	%50
15	MP15	X	-21	%50
16	MP1	Z	0	%40
17	MP2	Z	0	%50
18	MP3	Z	0	%50
19	MP4	Z	0	%50
20	MP5	Z	0	%50
21	MP6	Z	0	%40
22	MP7	Z	0	%50
23	MP8	Z	0	%50
24	MP9	Z	0	%50
25	MP10	Z	0	%50
26	MP11	Z	0	%40
27	MP12	Z	0	%50
28	MP13	Z	0	%50
29	MP14	Z	0	%50
30	MP15	Z	0	%50

Member Point Loads (BLC 34 : Horizontal Seismic, Eh (210))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-225.7	%40
2	MP2	X	-18.2	%50
3	MP3	X	0	%50
4	MP4	X	-76.2	%50
5	MP5	X	-18.2	%50
6	MP6	X	-210.2	%40
7	MP7	X	-76.2	%50
8	MP8	X	0	%50
9	MP9	X	-18.2	%50
10	MP10	X	-18.2	%50
11	MP11	X	-222.4	%40
12	MP12	X	-76.2	%50
13	MP13	X	0	%50

Member Point Loads (BLC 34 : Horizontal Seismic, Eh (210)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
14	MP14	X	-18.2	%50
15	MP15	X	-18.2	%50
16	MP1	Z	-130.3	%40
17	MP2	Z	-10.5	%50
18	MP3	Z	0	%50
19	MP4	Z	-44	%50
20	MP5	Z	-10.5	%50
21	MP6	Z	-121.4	%40
22	MP7	Z	-44	%50
23	MP8	Z	0	%50
24	MP9	Z	-10.5	%50
25	MP10	Z	-10.5	%50
26	MP11	Z	-128.4	%40
27	MP12	Z	-44	%50
28	MP13	Z	0	%50
29	MP14	Z	-10.5	%50
30	MP15	Z	-10.5	%50

Member Point Loads (BLC 35 : Horizontal Seismic, Eh (240))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-130.3	%40
2	MP2	X	-10.5	%50
3	MP3	X	0	%50
4	MP4	X	-44	%50
5	MP5	X	-10.5	%50
6	MP6	X	-121.4	%40
7	MP7	X	-44	%50
8	MP8	X	0	%50
9	MP9	X	-10.5	%50
10	MP10	X	-10.5	%50
11	MP11	X	-128.4	%40
12	MP12	X	-44	%50
13	MP13	X	0	%50
14	MP14	X	-10.5	%50
15	MP15	X	-10.5	%50
16	MP1	Z	-225.7	%40
17	MP2	Z	-18.2	%50
18	MP3	Z	0	%50
19	MP4	Z	-76.2	%50
20	MP5	Z	-18.2	%50
21	MP6	Z	-210.2	%40
22	MP7	Z	-76.2	%50
23	MP8	Z	0	%50
24	MP9	Z	-18.2	%50
25	MP10	Z	-18.2	%50
26	MP11	Z	-222.4	%40
27	MP12	Z	-76.2	%50
28	MP13	Z	0	%50
29	MP14	Z	-18.2	%50
30	MP15	Z	-18.2	%50

Member Point Loads (BLC 36 : Horizontal Seismic, Eh (270))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%40
2	MP2	X	0	%50
3	MP3	X	0	%50

Member Point Loads (BLC 36 : Horizontal Seismic, Eh (270)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%40
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%40
12	MP12	X	0	%50
13	MP13	X	0	%50
14	MP14	X	0	%50
15	MP15	X	0	%50
16	MP1	Z	-260.6	%40
17	MP2	Z	-21	%50
18	MP3	Z	0	%50
19	MP4	Z	-88	%50
20	MP5	Z	-21	%50
21	MP6	Z	-242.7	%40
22	MP7	Z	-88	%50
23	MP8	Z	0	%50
24	MP9	Z	-21	%50
25	MP10	Z	-21	%50
26	MP11	Z	-256.8	%40
27	MP12	Z	-88	%50
28	MP13	Z	0	%50
29	MP14	Z	-21	%50
30	MP15	Z	-21	%50

Member Point Loads (BLC 37 : Horizontal Seismic, Eh (300))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	130.3	%40
2	MP2	X	10.5	%50
3	MP3	X	0	%50
4	MP4	X	44	%50
5	MP5	X	10.5	%50
6	MP6	X	121.4	%40
7	MP7	X	44	%50
8	MP8	X	0	%50
9	MP9	X	10.5	%50
10	MP10	X	10.5	%50
11	MP11	X	128.4	%40
12	MP12	X	44	%50
13	MP13	X	0	%50
14	MP14	X	10.5	%50
15	MP15	X	10.5	%50
16	MP1	Z	-225.7	%40
17	MP2	Z	-18.2	%50
18	MP3	Z	0	%50
19	MP4	Z	-76.2	%50
20	MP5	Z	-18.2	%50
21	MP6	Z	-210.2	%40
22	MP7	Z	-76.2	%50
23	MP8	Z	0	%50
24	MP9	Z	-18.2	%50
25	MP10	Z	-18.2	%50
26	MP11	Z	-222.4	%40

Member Point Loads (BLC 37 : Horizontal Seismic, Eh (300)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
27	MP12	Z	-76.2	%50
28	MP13	Z	0	%50
29	MP14	Z	-18.2	%50
30	MP15	Z	-18.2	%50

Member Point Loads (BLC 38 : Horizontal Seismic, Eh (330))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	225.7	%40
2	MP2	X	18.2	%50
3	MP3	X	0	%50
4	MP4	X	76.2	%50
5	MP5	X	18.2	%50
6	MP6	X	210.2	%40
7	MP7	X	76.2	%50
8	MP8	X	0	%50
9	MP9	X	18.2	%50
10	MP10	X	18.2	%50
11	MP11	X	222.4	%40
12	MP12	X	76.2	%50
13	MP13	X	0	%50
14	MP14	X	18.2	%50
15	MP15	X	18.2	%50
16	MP1	Z	-130.3	%40
17	MP2	Z	-10.5	%50
18	MP3	Z	0	%50
19	MP4	Z	-44	%50
20	MP5	Z	-10.5	%50
21	MP6	Z	-121.4	%40
22	MP7	Z	-44	%50
23	MP8	Z	0	%50
24	MP9	Z	-10.5	%50
25	MP10	Z	-10.5	%50
26	MP11	Z	-128.4	%40
27	MP12	Z	-44	%50
28	MP13	Z	0	%50
29	MP14	Z	-10.5	%50
30	MP15	Z	-10.5	%50

Member Point Loads (BLC 39 : Maintenance Load, Lm (MP1))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	Y	-500	%50

Member Point Loads (BLC 40 : Maintenance Load, Lm (MP2))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP2	Y	-500	%50

Member Point Loads (BLC 41 : Maintenance Load, Lm (MP3))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP3	Y	-500	%50

Member Point Loads (BLC 42 : Maintenance Load, Lm (MP4))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP4	Y	-500	%50

Member Point Loads (BLC 43 : Maintenance Load, Lm (MP5))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP5	Y	-500	%50

Member Point Loads (BLC 44 : Maintenance Load, Lm (MP6))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP6	Y	-500	%50

Member Point Loads (BLC 45 : Maintenance Load, Lm (MP7))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP7	Y	-500	%50

Member Point Loads (BLC 46 : Maintenance Load, Lm (MP8))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP8	Y	-500	%50

Member Point Loads (BLC 47 : Maintenance Load, Lm (MP9))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP9	Y	-500	%50

Member Point Loads (BLC 48 : Maintenance Load, Lm (MP10))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP10	Y	-500	%50

Member Point Loads (BLC 49 : Maintenance Load, Lm (MP11))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP11	Y	-500	%50

Member Point Loads (BLC 50 : Maintenance Load, Lm (MP12))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	Y	-500	%50

Member Point Loads (BLC 51 : Maintenance Load, Lm (MP13))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP13	Y	-500	%50

Member Point Loads (BLC 52 : Maintenance Load, Lm (MP14))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP14	Y	-500	%50

Member Point Loads (BLC 53 : Maintenance Load, Lm (MP15))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP15	Y	-500	%50

Member Point Loads (BLC 75 : Maintenance Load, Lv (Pos. 1))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	FM1	Y	-250	%50

Member Point Loads (BLC 76 : Maintenance Load, Lv (Pos. 2))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	FM2	Y	-250	%50

Member Point Loads (BLC 77 : Maintenance Load, Lv (Pos. 3))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	FM3	Y	-250	%50

Member Point Loads (BLC 78 : Maintenance Load, Lv (Pos. 4))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE1	Y	-250	%50

Member Point Loads (BLC 79 : Maintenance Load, Lv (Pos. 5))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE2	Y	-250	%50

Member Point Loads (BLC 80 : Maintenance Load, Lv (Pos. 6))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE3	Y	-250	%50

Member Point Loads (BLC 81 : Maintenance Load, Lv (Pos. 7))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE4	Y	-250	%50

Member Point Loads (BLC 82 : Maintenance Load, Lv (Pos. 8))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE5	Y	-250	%50

Member Point Loads (BLC 83 : Maintenance Load, Lv (Pos. 9))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE6	Y	-250	%50

Member Point Loads (BLC 84 : Maintenance Load, Lv (Pos. 10))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE7	Y	-250	%50

Member Point Loads (BLC 85 : Maintenance Load, Lv (Pos. 11))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE8	Y	-250	%50

Member Point Loads (BLC 86 : Maintenance Load, Lv (Pos. 12))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE9	Y	-250	%50

Member Point Loads (BLC 87 : Maintenance Load, Lv (Pos. 13))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE10	Y	-250	%50

Member Point Loads (BLC 88 : Maintenance Load, Lv (Pos. 14))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE11	Y	-250	%50

Member Point Loads (BLC 89 : Maintenance Load, Lv (Pos. 15))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE12	Y	-250	%50

Member Point Loads (BLC 90 : Maintenance Load, Lv (Pos. 16))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE13	Y	-250	%50

Member Point Loads (BLC 91 : Maintenance Load, Lv (Pos. 17))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE14	Y	-250	%50

Member Point Loads (BLC 92 : Maintenance Load, Lv (Pos. 18))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE15	Y	-250	%50

Member Point Loads (BLC 93 : Maintenance Load, Lv (Pos. 19))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE16	Y	-250	%50

Member Point Loads (BLC 94 : Maintenance Load, Lv (Pos. 20))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE17	Y	-250	%50

Member Point Loads (BLC 95 : Maintenance Load, Lv (Pos. 21))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	GRATE18	Y	-250	%50

Member Point Loads (BLC 96 : Maintenance Load, Lv (Pos. 22))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	SA-BOT-1	Y	-250	%100

Member Point Loads (BLC 97 : Maintenance Load, Lv (Pos. 23))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	SA-BOT-2	Y	-250	%100

Member Point Loads (BLC 98 : Maintenance Load, Lv (Pos. 24))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	SA-BOT-3	Y	-250	%100

Member Point Loads (BLC 99 : Maintenance Load, Lv (Pos. 25))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	SA-TOP-1	Y	-250	%100

Member Point Loads (BLC 100 : Maintenance Load, Lv (Pos. 26))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	SA-TOP-2	Y	-250	%100

Member Point Loads (BLC 101 : Maintenance Load, Lv (Pos. 27))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	SA-TOP-3	Y	-250	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	12.1	12.1	0	0
2	FM2	X	12.1	12.1	0	0

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
3	FM3	X	12.1	12.1	0	0
4	GRATE1	X	8.6	8.6	0	0
5	GRATE2	X	8.6	8.6	0	0
6	GRATE3	X	8.6	8.6	0	0
7	GRATE4	X	8.6	8.6	0	0
8	GRATE5	X	8.6	8.6	0	0
9	GRATE6	X	8.6	8.6	0	0
10	GRATE7	X	8.6	8.6	0	0
11	GRATE8	X	8.6	8.6	0	0
12	GRATE9	X	8.6	8.6	0	0
13	GRATE10	X	8.6	8.6	0	0
14	GRATE11	X	8.6	8.6	0	0
15	GRATE12	X	0	0	0	0
16	GRATE13	X	0	0	0	0
17	GRATE14	X	8.6	8.6	0	0
18	GRATE15	X	8.6	8.6	0	0
19	GRATE16	X	8.6	8.6	0	0
20	GRATE17	X	8.6	8.6	0	0
21	GRATE18	X	8.6	8.6	0	0
22	PL-BOT-1	X	34.6	34.6	0	0
23	PL-BOT-2	X	34.6	34.6	0	0
24	PL-BOT-3	X	34.6	34.6	0	0
25	SA-BOT-1	X	0	0	0	0
26	SA-BOT-2	X	17.3	17.3	0	0
27	SA-BOT-3	X	17.3	17.3	0	0
28	SA-TOP-1	X	0	0	0	0
29	SA-TOP-2	X	17.3	17.3	0	0
30	SA-TOP-3	X	17.3	17.3	0	0
31	FM1	Z	0	0	0	0
32	FM2	Z	0	0	0	0
33	FM3	Z	0	0	0	0
34	GRATE1	Z	0	0	0	0
35	GRATE2	Z	0	0	0	0
36	GRATE3	Z	0	0	0	0
37	GRATE4	Z	0	0	0	0
38	GRATE5	Z	0	0	0	0
39	GRATE6	Z	0	0	0	0
40	GRATE7	Z	0	0	0	0
41	GRATE8	Z	0	0	0	0
42	GRATE9	Z	0	0	0	0
43	GRATE10	Z	0	0	0	0
44	GRATE11	Z	0	0	0	0
45	GRATE12	Z	0	0	0	0
46	GRATE13	Z	0	0	0	0
47	GRATE14	Z	0	0	0	0
48	GRATE15	Z	0	0	0	0
49	GRATE16	Z	0	0	0	0
50	GRATE17	Z	0	0	0	0
51	GRATE18	Z	0	0	0	0
52	PL-BOT-1	Z	0	0	0	0
53	PL-BOT-2	Z	0	0	0	0
54	PL-BOT-3	Z	0	0	0	0
55	SA-BOT-1	Z	0	0	0	0
56	SA-BOT-2	Z	0	0	0	0
57	SA-BOT-3	Z	0	0	0	0
58	SA-TOP-1	Z	0	0	0	0
59	SA-TOP-2	Z	0	0	0	0

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
60	SA-TOP-3	Z	0	0	0	0
61	MP1	X	56.2	56.2	0	%100
62	MP2	X	48.6	48.6	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	56.2	56.2	0	%100
65	MP5	X	48.6	48.6	0	%100
66	MP6	X	49.3	49.3	0	%100
67	MP7	X	49.3	49.3	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	44.1	44.1	0	%100
70	MP10	X	44.1	44.1	0	%100
71	MP11	X	49.3	49.3	0	%100
72	MP12	X	49.3	49.3	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	52.7	52.7	0	%99.058
75	MP15	X	52.7	52.7	0	%99.058
76	MP1	Z	0	0	0	0
77	MP2	Z	0	0	0	0
78	MP3	Z	0	0	0	0
79	MP4	Z	0	0	0	0
80	MP5	Z	0	0	0	0
81	MP6	Z	0	0	0	0
82	MP7	Z	0	0	0	0
83	MP8	Z	0	0	0	0
84	MP9	Z	0	0	0	0
85	MP10	Z	0	0	0	0
86	MP11	Z	0	0	0	0
87	MP12	Z	0	0	0	0
88	MP13	Z	0	0	0	0
89	MP14	Z	0	0	0	0
90	MP15	Z	0	0	0	0

Member Distributed Loads (BLC 3 : Wind Load (30 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	10.5	10.5	0	0
2	FM2	X	0	0	0	0
3	FM3	X	10.5	10.5	0	0
4	GRATE1	X	7.5	7.5	0	0
5	GRATE2	X	7.5	7.5	0	0
6	GRATE3	X	7.5	7.5	0	0
7	GRATE4	X	7.5	7.5	0	0
8	GRATE5	X	7.5	7.5	0	0
9	GRATE6	X	7.5	7.5	0	0
10	GRATE7	X	7.5	7.5	0	0
11	GRATE8	X	7.5	7.5	0	0
12	GRATE9	X	7.5	7.5	0	0
13	GRATE10	X	7.5	7.5	0	0
14	GRATE11	X	7.5	7.5	0	0
15	GRATE12	X	7.5	7.5	0	0
16	GRATE13	X	7.5	7.5	0	0
17	GRATE14	X	7.5	7.5	0	0
18	GRATE15	X	7.5	7.5	0	0
19	GRATE16	X	7.5	7.5	0	0
20	GRATE17	X	7.5	7.5	0	0
21	GRATE18	X	7.5	7.5	0	0
22	PL-BOT-1	X	29.9	29.9	0	0

Member Distributed Loads (BLC 3 : Wind Load (30 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
23	PL-BOT-2	X	0	0	0	0
24	PL-BOT-3	X	29.9	29.9	0	0
25	SA-BOT-1	X	15	15	0	0
26	SA-BOT-2	X	15	15	0	0
27	SA-BOT-3	X	15	15	0	0
28	SA-TOP-1	X	15	15	0	0
29	SA-TOP-2	X	15	15	0	0
30	SA-TOP-3	X	15	15	0	0
31	FM1	Z	6	6	0	0
32	FM2	Z	0	0	0	0
33	FM3	Z	6	6	0	0
34	GRATE1	Z	4.3	4.3	0	0
35	GRATE2	Z	4.3	4.3	0	0
36	GRATE3	Z	4.3	4.3	0	0
37	GRATE4	Z	4.3	4.3	0	0
38	GRATE5	Z	4.3	4.3	0	0
39	GRATE6	Z	4.3	4.3	0	0
40	GRATE7	Z	4.3	4.3	0	0
41	GRATE8	Z	4.3	4.3	0	0
42	GRATE9	Z	4.3	4.3	0	0
43	GRATE10	Z	4.3	4.3	0	0
44	GRATE11	Z	4.3	4.3	0	0
45	GRATE12	Z	4.3	4.3	0	0
46	GRATE13	Z	4.3	4.3	0	0
47	GRATE14	Z	4.3	4.3	0	0
48	GRATE15	Z	4.3	4.3	0	0
49	GRATE16	Z	4.3	4.3	0	0
50	GRATE17	Z	4.3	4.3	0	0
51	GRATE18	Z	4.3	4.3	0	0
52	PL-BOT-1	Z	17.3	17.3	0	0
53	PL-BOT-2	Z	0	0	0	0
54	PL-BOT-3	Z	17.3	17.3	0	0
55	SA-BOT-1	Z	8.6	8.6	0	0
56	SA-BOT-2	Z	8.6	8.6	0	0
57	SA-BOT-3	Z	8.6	8.6	0	0
58	SA-TOP-1	Z	8.6	8.6	0	0
59	SA-TOP-2	Z	8.6	8.6	0	0
60	SA-TOP-3	Z	8.6	8.6	0	0
61	MP1	X	46.7	46.7	0	%100
62	MP2	X	40.8	40.8	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	46.7	46.7	0	%100
65	MP5	X	40.8	40.8	0	%100
66	MP6	X	40.7	40.7	0	%100
67	MP7	X	40.7	40.7	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	36.9	36.9	0	%100
70	MP10	X	36.9	36.9	0	%100
71	MP11	X	46.7	46.7	0	%100
72	MP12	X	46.7	46.7	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	32.6	32.6	0	%99.058
75	MP15	X	32.6	32.6	0	%99.058
76	MP1	Z	27	27	0	%100
77	MP2	Z	23.6	23.6	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	27	27	0	%100

Member Distributed Loads (BLC 3 : Wind Load (30 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
80	MP5	Z	23.6	23.6	0	%100
81	MP6	Z	23.5	23.5	0	%100
82	MP7	Z	23.5	23.5	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	21.3	21.3	0	%100
85	MP10	Z	21.3	21.3	0	%100
86	MP11	Z	27	27	0	%100
87	MP12	Z	27	27	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	18.8	18.8	0	%99.058
90	MP15	Z	18.8	18.8	0	%99.058

Member Distributed Loads (BLC 4 : Wind Load (60 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	6	6	0	0
2	FM2	X	6	6	0	0
3	FM3	X	6	6	0	0
4	GRATE1	X	4.3	4.3	0	0
5	GRATE2	X	4.3	4.3	0	0
6	GRATE3	X	4.3	4.3	0	0
7	GRATE4	X	4.3	4.3	0	0
8	GRATE5	X	4.3	4.3	0	0
9	GRATE6	X	0	0	0	0
10	GRATE7	X	0	0	0	0
11	GRATE8	X	4.3	4.3	0	0
12	GRATE9	X	4.3	4.3	0	0
13	GRATE10	X	4.3	4.3	0	0
14	GRATE11	X	4.3	4.3	0	0
15	GRATE12	X	4.3	4.3	0	0
16	GRATE13	X	4.3	4.3	0	0
17	GRATE14	X	4.3	4.3	0	0
18	GRATE15	X	4.3	4.3	0	0
19	GRATE16	X	4.3	4.3	0	0
20	GRATE17	X	4.3	4.3	0	0
21	GRATE18	X	4.3	4.3	0	0
22	PL-BOT-1	X	17.3	17.3	0	0
23	PL-BOT-2	X	17.3	17.3	0	0
24	PL-BOT-3	X	17.3	17.3	0	0
25	SA-BOT-1	X	8.6	8.6	0	0
26	SA-BOT-2	X	8.6	8.6	0	0
27	SA-BOT-3	X	0	0	0	0
28	SA-TOP-1	X	8.6	8.6	0	0
29	SA-TOP-2	X	8.6	8.6	0	0
30	SA-TOP-3	X	0	0	0	0
31	FM1	Z	10.5	10.5	0	0
32	FM2	Z	10.5	10.5	0	0
33	FM3	Z	10.5	10.5	0	0
34	GRATE1	Z	7.5	7.5	0	0
35	GRATE2	Z	7.5	7.5	0	0
36	GRATE3	Z	7.5	7.5	0	0
37	GRATE4	Z	7.5	7.5	0	0
38	GRATE5	Z	7.5	7.5	0	0
39	GRATE6	Z	0	0	0	0
40	GRATE7	Z	0	0	0	0
41	GRATE8	Z	7.5	7.5	0	0
42	GRATE9	Z	7.5	7.5	0	0

Member Distributed Loads (BLC 4 : Wind Load (60 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
43	GRATE10	Z	7.5	7.5	0	0
44	GRATE11	Z	7.5	7.5	0	0
45	GRATE12	Z	7.5	7.5	0	0
46	GRATE13	Z	7.5	7.5	0	0
47	GRATE14	Z	7.5	7.5	0	0
48	GRATE15	Z	7.5	7.5	0	0
49	GRATE16	Z	7.5	7.5	0	0
50	GRATE17	Z	7.5	7.5	0	0
51	GRATE18	Z	7.5	7.5	0	0
52	PL-BOT-1	Z	29.9	29.9	0	0
53	PL-BOT-2	Z	29.9	29.9	0	0
54	PL-BOT-3	Z	29.9	29.9	0	0
55	SA-BOT-1	Z	15	15	0	0
56	SA-BOT-2	Z	15	15	0	0
57	SA-BOT-3	Z	0	0	0	0
58	SA-TOP-1	Z	15	15	0	0
59	SA-TOP-2	Z	15	15	0	0
60	SA-TOP-3	Z	0	0	0	0
61	MP1	X	24.7	24.7	0	%100
62	MP2	X	22	22	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	24.7	24.7	0	%100
65	MP5	X	22	22	0	%100
66	MP6	X	24.7	24.7	0	%100
67	MP7	X	24.7	24.7	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	22	22	0	%100
70	MP10	X	22	22	0	%100
71	MP11	X	28.1	28.1	0	%100
72	MP12	X	28.1	28.1	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	15.1	15.1	0	%99.058
75	MP15	X	15.1	15.1	0	%99.058
76	MP1	Z	42.7	42.7	0	%100
77	MP2	Z	38.2	38.2	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	42.7	42.7	0	%100
80	MP5	Z	38.2	38.2	0	%100
81	MP6	Z	42.7	42.7	0	%100
82	MP7	Z	42.7	42.7	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	38.2	38.2	0	%100
85	MP10	Z	38.2	38.2	0	%100
86	MP11	Z	48.7	48.7	0	%100
87	MP12	Z	48.7	48.7	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	26.1	26.1	0	%99.058
90	MP15	Z	26.1	26.1	0	%99.058

Member Distributed Loads (BLC 5 : Wind Load (90 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	0	0	0	0
2	FM2	X	0	0	0	0
3	FM3	X	0	0	0	0
4	GRATE1	X	0	0	0	0
5	GRATE2	X	0	0	0	0

Member Distributed Loads (BLC 5 : Wind Load (90 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
6	GRATE3	X	0	0	0	0
7	GRATE4	X	0	0	0	0
8	GRATE5	X	0	0	0	0
9	GRATE6	X	0	0	0	0
10	GRATE7	X	0	0	0	0
11	GRATE8	X	0	0	0	0
12	GRATE9	X	0	0	0	0
13	GRATE10	X	0	0	0	0
14	GRATE11	X	0	0	0	0
15	GRATE12	X	0	0	0	0
16	GRATE13	X	0	0	0	0
17	GRATE14	X	0	0	0	0
18	GRATE15	X	0	0	0	0
19	GRATE16	X	0	0	0	0
20	GRATE17	X	0	0	0	0
21	GRATE18	X	0	0	0	0
22	PL-BOT-1	X	0	0	0	0
23	PL-BOT-2	X	0	0	0	0
24	PL-BOT-3	X	0	0	0	0
25	SA-BOT-1	X	0	0	0	0
26	SA-BOT-2	X	0	0	0	0
27	SA-BOT-3	X	0	0	0	0
28	SA-TOP-1	X	0	0	0	0
29	SA-TOP-2	X	0	0	0	0
30	SA-TOP-3	X	0	0	0	0
31	FM1	Z	0	0	0	0
32	FM2	Z	12.1	12.1	0	0
33	FM3	Z	12.1	12.1	0	0
34	GRATE1	Z	8.6	8.6	0	0
35	GRATE2	Z	8.6	8.6	0	0
36	GRATE3	Z	8.6	8.6	0	0
37	GRATE4	Z	8.6	8.6	0	0
38	GRATE5	Z	8.6	8.6	0	0
39	GRATE6	Z	8.6	8.6	0	0
40	GRATE7	Z	8.6	8.6	0	0
41	GRATE8	Z	8.6	8.6	0	0
42	GRATE9	Z	8.6	8.6	0	0
43	GRATE10	Z	8.6	8.6	0	0
44	GRATE11	Z	8.6	8.6	0	0
45	GRATE12	Z	8.6	8.6	0	0
46	GRATE13	Z	8.6	8.6	0	0
47	GRATE14	Z	8.6	8.6	0	0
48	GRATE15	Z	8.6	8.6	0	0
49	GRATE16	Z	8.6	8.6	0	0
50	GRATE17	Z	8.6	8.6	0	0
51	GRATE18	Z	8.6	8.6	0	0
52	PL-BOT-1	Z	0	0	0	0
53	PL-BOT-2	Z	34.6	34.6	0	0
54	PL-BOT-3	Z	34.6	34.6	0	0
55	SA-BOT-1	Z	17.3	17.3	0	0
56	SA-BOT-2	Z	17.3	17.3	0	0
57	SA-BOT-3	Z	17.3	17.3	0	0
58	SA-TOP-1	Z	17.3	17.3	0	0
59	SA-TOP-2	Z	17.3	17.3	0	0
60	SA-TOP-3	Z	17.3	17.3	0	0
61	MP1	X	0	0	0	0
62	MP2	X	0	0	0	0

Member Distributed Loads (BLC 5 : Wind Load (90 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
63	MP3	X	0	0	0	0
64	MP4	X	0	0	0	0
65	MP5	X	0	0	0	0
66	MP6	X	0	0	0	0
67	MP7	X	0	0	0	0
68	MP8	X	0	0	0	0
69	MP9	X	0	0	0	0
70	MP10	X	0	0	0	0
71	MP11	X	0	0	0	0
72	MP12	X	0	0	0	0
73	MP13	X	0	0	0	0
74	MP14	X	0	0	0	0
75	MP15	X	0	0	0	0
76	MP1	Z	47	47	0	%100
77	MP2	Z	42.6	42.6	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	47	47	0	%100
80	MP5	Z	42.6	42.6	0	%100
81	MP6	Z	53.9	53.9	0	%100
82	MP7	Z	53.9	53.9	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	47.1	47.1	0	%100
85	MP10	Z	47.1	47.1	0	%100
86	MP11	Z	53.9	53.9	0	%100
87	MP12	Z	53.9	53.9	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	37.7	37.7	0	%99.058
90	MP15	Z	37.7	37.7	0	%99.058

Member Distributed Loads (BLC 6 : Wind Load (120 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	-6	-6	0	0
2	FM2	X	-6	-6	0	0
3	FM3	X	-6	-6	0	0
4	GRATE1	X	0	0	0	0
5	GRATE2	X	-4.3	-4.3	0	0
6	GRATE3	X	-4.3	-4.3	0	0
7	GRATE4	X	-4.3	-4.3	0	0
8	GRATE5	X	-4.3	-4.3	0	0
9	GRATE6	X	-4.3	-4.3	0	0
10	GRATE7	X	-4.3	-4.3	0	0
11	GRATE8	X	-4.3	-4.3	0	0
12	GRATE9	X	-4.3	-4.3	0	0
13	GRATE10	X	-4.3	-4.3	0	0
14	GRATE11	X	-4.3	-4.3	0	0
15	GRATE12	X	-4.3	-4.3	0	0
16	GRATE13	X	-4.3	-4.3	0	0
17	GRATE14	X	-4.3	-4.3	0	0
18	GRATE15	X	-4.3	-4.3	0	0
19	GRATE16	X	-4.3	-4.3	0	0
20	GRATE17	X	-4.3	-4.3	0	0
21	GRATE18	X	0	0	0	0
22	PL-BOT-1	X	-17.3	-17.3	0	0
23	PL-BOT-2	X	-17.3	-17.3	0	0
24	PL-BOT-3	X	-17.3	-17.3	0	0
25	SA-BOT-1	X	-8.6	-8.6	0	0

Member Distributed Loads (BLC 6 : Wind Load (120 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
26	SA-BOT-2	X	0	0	0	0
27	SA-BOT-3	X	-8.6	-8.6	0	0
28	SA-TOP-1	X	-8.6	-8.6	0	0
29	SA-TOP-2	X	0	0	0	0
30	SA-TOP-3	X	-8.6	-8.6	0	0
31	FM1	Z	10.5	10.5	0	0
32	FM2	Z	10.5	10.5	0	0
33	FM3	Z	10.5	10.5	0	0
34	GRATE1	Z	0	0	0	0
35	GRATE2	Z	7.5	7.5	0	0
36	GRATE3	Z	7.5	7.5	0	0
37	GRATE4	Z	7.5	7.5	0	0
38	GRATE5	Z	7.5	7.5	0	0
39	GRATE6	Z	7.5	7.5	0	0
40	GRATE7	Z	7.5	7.5	0	0
41	GRATE8	Z	7.5	7.5	0	0
42	GRATE9	Z	7.5	7.5	0	0
43	GRATE10	Z	7.5	7.5	0	0
44	GRATE11	Z	7.5	7.5	0	0
45	GRATE12	Z	7.5	7.5	0	0
46	GRATE13	Z	7.5	7.5	0	0
47	GRATE14	Z	7.5	7.5	0	0
48	GRATE15	Z	7.5	7.5	0	0
49	GRATE16	Z	7.5	7.5	0	0
50	GRATE17	Z	7.5	7.5	0	0
51	GRATE18	Z	0	0	0	0
52	PL-BOT-1	Z	29.9	29.9	0	0
53	PL-BOT-2	Z	29.9	29.9	0	0
54	PL-BOT-3	Z	29.9	29.9	0	0
55	SA-BOT-1	Z	15	15	0	0
56	SA-BOT-2	Z	0	0	0	0
57	SA-BOT-3	Z	15	15	0	0
58	SA-TOP-1	Z	15	15	0	0
59	SA-TOP-2	Z	0	0	0	0
60	SA-TOP-3	Z	15	15	0	0
61	MP1	X	-24.7	-24.7	0	%100
62	MP2	X	-22	-22	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	-24.7	-24.7	0	%100
65	MP5	X	-22	-22	0	%100
66	MP6	X	-28.1	-28.1	0	%100
67	MP7	X	-28.1	-28.1	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	-24.3	-24.3	0	%100
70	MP10	X	-24.3	-24.3	0	%100
71	MP11	X	-24.7	-24.7	0	%100
72	MP12	X	-24.7	-24.7	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	-26.3	-26.3	0	%99.058
75	MP15	X	-26.3	-26.3	0	%99.058
76	MP1	Z	42.7	42.7	0	%100
77	MP2	Z	38.2	38.2	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	42.7	42.7	0	%100
80	MP5	Z	38.2	38.2	0	%100
81	MP6	Z	48.7	48.7	0	%100
82	MP7	Z	48.7	48.7	0	%100

Member Distributed Loads (BLC 6 : Wind Load (120 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
83	MP8	Z	0	0	0	0
84	MP9	Z	42.1	42.1	0	%100
85	MP10	Z	42.1	42.1	0	%100
86	MP11	Z	42.7	42.7	0	%100
87	MP12	Z	42.7	42.7	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	45.6	45.6	0	%99.058
90	MP15	Z	45.6	45.6	0	%99.058

Member Distributed Loads (BLC 7 : Wind Load (150 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	-10.5	-10.5	0	0
2	FM2	X	-10.5	-10.5	0	0
3	FM3	X	0	0	0	0
4	GRATE1	X	-7.5	-7.5	0	0
5	GRATE2	X	-7.5	-7.5	0	0
6	GRATE3	X	-7.5	-7.5	0	0
7	GRATE4	X	-7.5	-7.5	0	0
8	GRATE5	X	-7.5	-7.5	0	0
9	GRATE6	X	-7.5	-7.5	0	0
10	GRATE7	X	-7.5	-7.5	0	0
11	GRATE8	X	-7.5	-7.5	0	0
12	GRATE9	X	-7.5	-7.5	0	0
13	GRATE10	X	-7.5	-7.5	0	0
14	GRATE11	X	-7.5	-7.5	0	0
15	GRATE12	X	-7.5	-7.5	0	0
16	GRATE13	X	-7.5	-7.5	0	0
17	GRATE14	X	-7.5	-7.5	0	0
18	GRATE15	X	-7.5	-7.5	0	0
19	GRATE16	X	-7.5	-7.5	0	0
20	GRATE17	X	-7.5	-7.5	0	0
21	GRATE18	X	-7.5	-7.5	0	0
22	PL-BOT-1	X	-29.9	-29.9	0	0
23	PL-BOT-2	X	-29.9	-29.9	0	0
24	PL-BOT-3	X	0	0	0	0
25	SA-BOT-1	X	-15	-15	0	0
26	SA-BOT-2	X	-15	-15	0	0
27	SA-BOT-3	X	-15	-15	0	0
28	SA-TOP-1	X	-15	-15	0	0
29	SA-TOP-2	X	-15	-15	0	0
30	SA-TOP-3	X	-15	-15	0	0
31	FM1	Z	6	6	0	0
32	FM2	Z	6	6	0	0
33	FM3	Z	0	0	0	0
34	GRATE1	Z	4.3	4.3	0	0
35	GRATE2	Z	4.3	4.3	0	0
36	GRATE3	Z	4.3	4.3	0	0
37	GRATE4	Z	4.3	4.3	0	0
38	GRATE5	Z	4.3	4.3	0	0
39	GRATE6	Z	4.3	4.3	0	0
40	GRATE7	Z	4.3	4.3	0	0
41	GRATE8	Z	4.3	4.3	0	0
42	GRATE9	Z	4.3	4.3	0	0
43	GRATE10	Z	4.3	4.3	0	0
44	GRATE11	Z	4.3	4.3	0	0
45	GRATE12	Z	4.3	4.3	0	0

Member Distributed Loads (BLC 7 : Wind Load (150 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
46	GRATE13	Z	4.3	4.3	0	0
47	GRATE14	Z	4.3	4.3	0	0
48	GRATE15	Z	4.3	4.3	0	0
49	GRATE16	Z	4.3	4.3	0	0
50	GRATE17	Z	4.3	4.3	0	0
51	GRATE18	Z	4.3	4.3	0	0
52	PL-BOT-1	Z	17.3	17.3	0	0
53	PL-BOT-2	Z	17.3	17.3	0	0
54	PL-BOT-3	Z	0	0	0	0
55	SA-BOT-1	Z	8.6	8.6	0	0
56	SA-BOT-2	Z	8.6	8.6	0	0
57	SA-BOT-3	Z	8.6	8.6	0	0
58	SA-TOP-1	Z	8.6	8.6	0	0
59	SA-TOP-2	Z	8.6	8.6	0	0
60	SA-TOP-3	Z	8.6	8.6	0	0
61	MP1	X	-46.7	-46.7	0	%100
62	MP2	X	-40.8	-40.8	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	-46.7	-46.7	0	%100
65	MP5	X	-40.8	-40.8	0	%100
66	MP6	X	-46.7	-46.7	0	%100
67	MP7	X	-46.7	-46.7	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	-40.8	-40.8	0	%100
70	MP10	X	-40.8	-40.8	0	%100
71	MP11	X	-40.7	-40.7	0	%100
72	MP12	X	-40.7	-40.7	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	-52.1	-52.1	0	%99.058
75	MP15	X	-52.1	-52.1	0	%99.058
76	MP1	Z	27	27	0	%100
77	MP2	Z	23.6	23.6	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	27	27	0	%100
80	MP5	Z	23.6	23.6	0	%100
81	MP6	Z	27	27	0	%100
82	MP7	Z	27	27	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	23.6	23.6	0	%100
85	MP10	Z	23.6	23.6	0	%100
86	MP11	Z	23.5	23.5	0	%100
87	MP12	Z	23.5	23.5	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	30.1	30.1	0	%99.058
90	MP15	Z	30.1	30.1	0	%99.058

Member Distributed Loads (BLC 8 : Wind Load (180 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	-12.1	-12.1	0	0
2	FM2	X	-12.1	-12.1	0	0
3	FM3	X	-12.1	-12.1	0	0
4	GRATE1	X	-8.6	-8.6	0	0
5	GRATE2	X	-8.6	-8.6	0	0
6	GRATE3	X	-8.6	-8.6	0	0
7	GRATE4	X	-8.6	-8.6	0	0
8	GRATE5	X	-8.6	-8.6	0	0

Member Distributed Loads (BLC 8 : Wind Load (180 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
9	GRATE6	X	-8.6	-8.6	0	0
10	GRATE7	X	-8.6	-8.6	0	0
11	GRATE8	X	-8.6	-8.6	0	0
12	GRATE9	X	-8.6	-8.6	0	0
13	GRATE10	X	-8.6	-8.6	0	0
14	GRATE11	X	-8.6	-8.6	0	0
15	GRATE12	X	0	0	0	0
16	GRATE13	X	0	0	0	0
17	GRATE14	X	-8.6	-8.6	0	0
18	GRATE15	X	-8.6	-8.6	0	0
19	GRATE16	X	-8.6	-8.6	0	0
20	GRATE17	X	-8.6	-8.6	0	0
21	GRATE18	X	-8.6	-8.6	0	0
22	PL-BOT-1	X	-34.6	-34.6	0	0
23	PL-BOT-2	X	-34.6	-34.6	0	0
24	PL-BOT-3	X	-34.6	-34.6	0	0
25	SA-BOT-1	X	0	0	0	0
26	SA-BOT-2	X	-17.3	-17.3	0	0
27	SA-BOT-3	X	-17.3	-17.3	0	0
28	SA-TOP-1	X	0	0	0	0
29	SA-TOP-2	X	-17.3	-17.3	0	0
30	SA-TOP-3	X	-17.3	-17.3	0	0
31	FM1	Z	0	0	0	0
32	FM2	Z	0	0	0	0
33	FM3	Z	0	0	0	0
34	GRATE1	Z	0	0	0	0
35	GRATE2	Z	0	0	0	0
36	GRATE3	Z	0	0	0	0
37	GRATE4	Z	0	0	0	0
38	GRATE5	Z	0	0	0	0
39	GRATE6	Z	0	0	0	0
40	GRATE7	Z	0	0	0	0
41	GRATE8	Z	0	0	0	0
42	GRATE9	Z	0	0	0	0
43	GRATE10	Z	0	0	0	0
44	GRATE11	Z	0	0	0	0
45	GRATE12	Z	0	0	0	0
46	GRATE13	Z	0	0	0	0
47	GRATE14	Z	0	0	0	0
48	GRATE15	Z	0	0	0	0
49	GRATE16	Z	0	0	0	0
50	GRATE17	Z	0	0	0	0
51	GRATE18	Z	0	0	0	0
52	PL-BOT-1	Z	0	0	0	0
53	PL-BOT-2	Z	0	0	0	0
54	PL-BOT-3	Z	0	0	0	0
55	SA-BOT-1	Z	0	0	0	0
56	SA-BOT-2	Z	0	0	0	0
57	SA-BOT-3	Z	0	0	0	0
58	SA-TOP-1	Z	0	0	0	0
59	SA-TOP-2	Z	0	0	0	0
60	SA-TOP-3	Z	0	0	0	0
61	MP1	X	-56.2	-56.2	0	%100
62	MP2	X	-48.6	-48.6	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	-56.2	-56.2	0	%100
65	MP5	X	-48.6	-48.6	0	%100

Member Distributed Loads (BLC 8 : Wind Load (180 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
66	MP6	X	-49.3	-49.3	0	%100
67	MP7	X	-49.3	-49.3	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	-44.1	-44.1	0	%100
70	MP10	X	-44.1	-44.1	0	%100
71	MP11	X	-49.3	-49.3	0	%100
72	MP12	X	-49.3	-49.3	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	-52.7	-52.7	0	%99.058
75	MP15	X	-52.7	-52.7	0	%99.058
76	MP1	Z	0	0	0	0
77	MP2	Z	0	0	0	0
78	MP3	Z	0	0	0	0
79	MP4	Z	0	0	0	0
80	MP5	Z	0	0	0	0
81	MP6	Z	0	0	0	0
82	MP7	Z	0	0	0	0
83	MP8	Z	0	0	0	0
84	MP9	Z	0	0	0	0
85	MP10	Z	0	0	0	0
86	MP11	Z	0	0	0	0
87	MP12	Z	0	0	0	0
88	MP13	Z	0	0	0	0
89	MP14	Z	0	0	0	0
90	MP15	Z	0	0	0	0

Member Distributed Loads (BLC 9 : Wind Load (210 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	-10.5	-10.5	0	0
2	FM2	X	0	0	0	0
3	FM3	X	-10.5	-10.5	0	0
4	GRATE1	X	-7.5	-7.5	0	0
5	GRATE2	X	-7.5	-7.5	0	0
6	GRATE3	X	-7.5	-7.5	0	0
7	GRATE4	X	-7.5	-7.5	0	0
8	GRATE5	X	-7.5	-7.5	0	0
9	GRATE6	X	-7.5	-7.5	0	0
10	GRATE7	X	-7.5	-7.5	0	0
11	GRATE8	X	-7.5	-7.5	0	0
12	GRATE9	X	-7.5	-7.5	0	0
13	GRATE10	X	-7.5	-7.5	0	0
14	GRATE11	X	-7.5	-7.5	0	0
15	GRATE12	X	-7.5	-7.5	0	0
16	GRATE13	X	-7.5	-7.5	0	0
17	GRATE14	X	-7.5	-7.5	0	0
18	GRATE15	X	-7.5	-7.5	0	0
19	GRATE16	X	-7.5	-7.5	0	0
20	GRATE17	X	-7.5	-7.5	0	0
21	GRATE18	X	-7.5	-7.5	0	0
22	PL-BOT-1	X	-29.9	-29.9	0	0
23	PL-BOT-2	X	0	0	0	0
24	PL-BOT-3	X	-29.9	-29.9	0	0
25	SA-BOT-1	X	-15	-15	0	0
26	SA-BOT-2	X	-15	-15	0	0
27	SA-BOT-3	X	-15	-15	0	0
28	SA-TOP-1	X	-15	-15	0	0

Member Distributed Loads (BLC 9 : Wind Load (210 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
29	SA-TOP-2	X	-15	-15	0	0
30	SA-TOP-3	X	-15	-15	0	0
31	FM1	Z	-6	-6	0	0
32	FM2	Z	0	0	0	0
33	FM3	Z	-6	-6	0	0
34	GRATE1	Z	-4.3	-4.3	0	0
35	GRATE2	Z	-4.3	-4.3	0	0
36	GRATE3	Z	-4.3	-4.3	0	0
37	GRATE4	Z	-4.3	-4.3	0	0
38	GRATE5	Z	-4.3	-4.3	0	0
39	GRATE6	Z	-4.3	-4.3	0	0
40	GRATE7	Z	-4.3	-4.3	0	0
41	GRATE8	Z	-4.3	-4.3	0	0
42	GRATE9	Z	-4.3	-4.3	0	0
43	GRATE10	Z	-4.3	-4.3	0	0
44	GRATE11	Z	-4.3	-4.3	0	0
45	GRATE12	Z	-4.3	-4.3	0	0
46	GRATE13	Z	-4.3	-4.3	0	0
47	GRATE14	Z	-4.3	-4.3	0	0
48	GRATE15	Z	-4.3	-4.3	0	0
49	GRATE16	Z	-4.3	-4.3	0	0
50	GRATE17	Z	-4.3	-4.3	0	0
51	GRATE18	Z	-4.3	-4.3	0	0
52	PL-BOT-1	Z	-17.3	-17.3	0	0
53	PL-BOT-2	Z	0	0	0	0
54	PL-BOT-3	Z	-17.3	-17.3	0	0
55	SA-BOT-1	Z	-8.6	-8.6	0	0
56	SA-BOT-2	Z	-8.6	-8.6	0	0
57	SA-BOT-3	Z	-8.6	-8.6	0	0
58	SA-TOP-1	Z	-8.6	-8.6	0	0
59	SA-TOP-2	Z	-8.6	-8.6	0	0
60	SA-TOP-3	Z	-8.6	-8.6	0	0
61	MP1	X	-46.7	-46.7	0	%100
62	MP2	X	-40.8	-40.8	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	-46.7	-46.7	0	%100
65	MP5	X	-40.8	-40.8	0	%100
66	MP6	X	-40.7	-40.7	0	%100
67	MP7	X	-40.7	-40.7	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	-36.9	-36.9	0	%100
70	MP10	X	-36.9	-36.9	0	%100
71	MP11	X	-46.7	-46.7	0	%100
72	MP12	X	-46.7	-46.7	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	-32.6	-32.6	0	%99.058
75	MP15	X	-32.6	-32.6	0	%99.058
76	MP1	Z	-27	-27	0	%100
77	MP2	Z	-23.6	-23.6	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	-27	-27	0	%100
80	MP5	Z	-23.6	-23.6	0	%100
81	MP6	Z	-23.5	-23.5	0	%100
82	MP7	Z	-23.5	-23.5	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	-21.3	-21.3	0	%100
85	MP10	Z	-21.3	-21.3	0	%100

Member Distributed Loads (BLC 9 : Wind Load (210 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
86	MP11	Z	-27	-27	0	%100
87	MP12	Z	-27	-27	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	-18.8	-18.8	0	%99.058
90	MP15	Z	-18.8	-18.8	0	%99.058

Member Distributed Loads (BLC 10 : Wind Load (240 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	-6	-6	0	0
2	FM2	X	-6	-6	0	0
3	FM3	X	-6	-6	0	0
4	GRATE1	X	-4.3	-4.3	0	0
5	GRATE2	X	-4.3	-4.3	0	0
6	GRATE3	X	-4.3	-4.3	0	0
7	GRATE4	X	-4.3	-4.3	0	0
8	GRATE5	X	-4.3	-4.3	0	0
9	GRATE6	X	0	0	0	0
10	GRATE7	X	0	0	0	0
11	GRATE8	X	-4.3	-4.3	0	0
12	GRATE9	X	-4.3	-4.3	0	0
13	GRATE10	X	-4.3	-4.3	0	0
14	GRATE11	X	-4.3	-4.3	0	0
15	GRATE12	X	-4.3	-4.3	0	0
16	GRATE13	X	-4.3	-4.3	0	0
17	GRATE14	X	-4.3	-4.3	0	0
18	GRATE15	X	-4.3	-4.3	0	0
19	GRATE16	X	-4.3	-4.3	0	0
20	GRATE17	X	-4.3	-4.3	0	0
21	GRATE18	X	-4.3	-4.3	0	0
22	PL-BOT-1	X	-17.3	-17.3	0	0
23	PL-BOT-2	X	-17.3	-17.3	0	0
24	PL-BOT-3	X	-17.3	-17.3	0	0
25	SA-BOT-1	X	-8.6	-8.6	0	0
26	SA-BOT-2	X	-8.6	-8.6	0	0
27	SA-BOT-3	X	0	0	0	0
28	SA-TOP-1	X	-8.6	-8.6	0	0
29	SA-TOP-2	X	-8.6	-8.6	0	0
30	SA-TOP-3	X	0	0	0	0
31	FM1	Z	-10.5	-10.5	0	0
32	FM2	Z	-10.5	-10.5	0	0
33	FM3	Z	-10.5	-10.5	0	0
34	GRATE1	Z	-7.5	-7.5	0	0
35	GRATE2	Z	-7.5	-7.5	0	0
36	GRATE3	Z	-7.5	-7.5	0	0
37	GRATE4	Z	-7.5	-7.5	0	0
38	GRATE5	Z	-7.5	-7.5	0	0
39	GRATE6	Z	0	0	0	0
40	GRATE7	Z	0	0	0	0
41	GRATE8	Z	-7.5	-7.5	0	0
42	GRATE9	Z	-7.5	-7.5	0	0
43	GRATE10	Z	-7.5	-7.5	0	0
44	GRATE11	Z	-7.5	-7.5	0	0
45	GRATE12	Z	-7.5	-7.5	0	0
46	GRATE13	Z	-7.5	-7.5	0	0
47	GRATE14	Z	-7.5	-7.5	0	0
48	GRATE15	Z	-7.5	-7.5	0	0

Member Distributed Loads (BLC 10 : Wind Load (240 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
49	GRATE16	Z	-7.5	-7.5	0	0
50	GRATE17	Z	-7.5	-7.5	0	0
51	GRATE18	Z	-7.5	-7.5	0	0
52	PL-BOT-1	Z	-29.9	-29.9	0	0
53	PL-BOT-2	Z	-29.9	-29.9	0	0
54	PL-BOT-3	Z	-29.9	-29.9	0	0
55	SA-BOT-1	Z	-15	-15	0	0
56	SA-BOT-2	Z	-15	-15	0	0
57	SA-BOT-3	Z	0	0	0	0
58	SA-TOP-1	Z	-15	-15	0	0
59	SA-TOP-2	Z	-15	-15	0	0
60	SA-TOP-3	Z	0	0	0	0
61	MP1	X	-24.7	-24.7	0	%100
62	MP2	X	-22	-22	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	-24.7	-24.7	0	%100
65	MP5	X	-22	-22	0	%100
66	MP6	X	-24.7	-24.7	0	%100
67	MP7	X	-24.7	-24.7	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	-22	-22	0	%100
70	MP10	X	-22	-22	0	%100
71	MP11	X	-28.1	-28.1	0	%100
72	MP12	X	-28.1	-28.1	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	-15.1	-15.1	0	%99.058
75	MP15	X	-15.1	-15.1	0	%99.058
76	MP1	Z	-42.7	-42.7	0	%100
77	MP2	Z	-38.2	-38.2	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	-42.7	-42.7	0	%100
80	MP5	Z	-38.2	-38.2	0	%100
81	MP6	Z	-42.7	-42.7	0	%100
82	MP7	Z	-42.7	-42.7	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	-38.2	-38.2	0	%100
85	MP10	Z	-38.2	-38.2	0	%100
86	MP11	Z	-48.7	-48.7	0	%100
87	MP12	Z	-48.7	-48.7	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	-26.1	-26.1	0	%99.058
90	MP15	Z	-26.1	-26.1	0	%99.058

Member Distributed Loads (BLC 11 : Wind Load (270 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	0	0	0	0
2	FM2	X	0	0	0	0
3	FM3	X	0	0	0	0
4	GRATE1	X	0	0	0	0
5	GRATE2	X	0	0	0	0
6	GRATE3	X	0	0	0	0
7	GRATE4	X	0	0	0	0
8	GRATE5	X	0	0	0	0
9	GRATE6	X	0	0	0	0
10	GRATE7	X	0	0	0	0
11	GRATE8	X	0	0	0	0

Member Distributed Loads (BLC 11 : Wind Load (270 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
12	GRATE9	X	0	0	0	0
13	GRATE10	X	0	0	0	0
14	GRATE11	X	0	0	0	0
15	GRATE12	X	0	0	0	0
16	GRATE13	X	0	0	0	0
17	GRATE14	X	0	0	0	0
18	GRATE15	X	0	0	0	0
19	GRATE16	X	0	0	0	0
20	GRATE17	X	0	0	0	0
21	GRATE18	X	0	0	0	0
22	PL-BOT-1	X	0	0	0	0
23	PL-BOT-2	X	0	0	0	0
24	PL-BOT-3	X	0	0	0	0
25	SA-BOT-1	X	0	0	0	0
26	SA-BOT-2	X	0	0	0	0
27	SA-BOT-3	X	0	0	0	0
28	SA-TOP-1	X	0	0	0	0
29	SA-TOP-2	X	0	0	0	0
30	SA-TOP-3	X	0	0	0	0
31	FM1	Z	0	0	0	0
32	FM2	Z	-12.1	-12.1	0	0
33	FM3	Z	-12.1	-12.1	0	0
34	GRATE1	Z	-8.6	-8.6	0	0
35	GRATE2	Z	-8.6	-8.6	0	0
36	GRATE3	Z	-8.6	-8.6	0	0
37	GRATE4	Z	-8.6	-8.6	0	0
38	GRATE5	Z	-8.6	-8.6	0	0
39	GRATE6	Z	-8.6	-8.6	0	0
40	GRATE7	Z	-8.6	-8.6	0	0
41	GRATE8	Z	-8.6	-8.6	0	0
42	GRATE9	Z	-8.6	-8.6	0	0
43	GRATE10	Z	-8.6	-8.6	0	0
44	GRATE11	Z	-8.6	-8.6	0	0
45	GRATE12	Z	-8.6	-8.6	0	0
46	GRATE13	Z	-8.6	-8.6	0	0
47	GRATE14	Z	-8.6	-8.6	0	0
48	GRATE15	Z	-8.6	-8.6	0	0
49	GRATE16	Z	-8.6	-8.6	0	0
50	GRATE17	Z	-8.6	-8.6	0	0
51	GRATE18	Z	-8.6	-8.6	0	0
52	PL-BOT-1	Z	0	0	0	0
53	PL-BOT-2	Z	-34.6	-34.6	0	0
54	PL-BOT-3	Z	-34.6	-34.6	0	0
55	SA-BOT-1	Z	-17.3	-17.3	0	0
56	SA-BOT-2	Z	-17.3	-17.3	0	0
57	SA-BOT-3	Z	-17.3	-17.3	0	0
58	SA-TOP-1	Z	-17.3	-17.3	0	0
59	SA-TOP-2	Z	-17.3	-17.3	0	0
60	SA-TOP-3	Z	-17.3	-17.3	0	0
61	MP1	X	0	0	0	0
62	MP2	X	0	0	0	0
63	MP3	X	0	0	0	0
64	MP4	X	0	0	0	0
65	MP5	X	0	0	0	0
66	MP6	X	0	0	0	0
67	MP7	X	0	0	0	0
68	MP8	X	0	0	0	0

Member Distributed Loads (BLC 11 : Wind Load (270 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
69	MP9	X	0	0	0	0
70	MP10	X	0	0	0	0
71	MP11	X	0	0	0	0
72	MP12	X	0	0	0	0
73	MP13	X	0	0	0	0
74	MP14	X	0	0	0	0
75	MP15	X	0	0	0	0
76	MP1	Z	-47	-47	0	%100
77	MP2	Z	-42.6	-42.6	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	-47	-47	0	%100
80	MP5	Z	-42.6	-42.6	0	%100
81	MP6	Z	-53.9	-53.9	0	%100
82	MP7	Z	-53.9	-53.9	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	-47.1	-47.1	0	%100
85	MP10	Z	-47.1	-47.1	0	%100
86	MP11	Z	-53.9	-53.9	0	%100
87	MP12	Z	-53.9	-53.9	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	-37.7	-37.7	0	%99.058
90	MP15	Z	-37.7	-37.7	0	%99.058

Member Distributed Loads (BLC 12 : Wind Load (300 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	6	6	0	0
2	FM2	X	6	6	0	0
3	FM3	X	6	6	0	0
4	GRATE1	X	0	0	0	0
5	GRATE2	X	4.3	4.3	0	0
6	GRATE3	X	4.3	4.3	0	0
7	GRATE4	X	4.3	4.3	0	0
8	GRATE5	X	4.3	4.3	0	0
9	GRATE6	X	4.3	4.3	0	0
10	GRATE7	X	4.3	4.3	0	0
11	GRATE8	X	4.3	4.3	0	0
12	GRATE9	X	4.3	4.3	0	0
13	GRATE10	X	4.3	4.3	0	0
14	GRATE11	X	4.3	4.3	0	0
15	GRATE12	X	4.3	4.3	0	0
16	GRATE13	X	4.3	4.3	0	0
17	GRATE14	X	4.3	4.3	0	0
18	GRATE15	X	4.3	4.3	0	0
19	GRATE16	X	4.3	4.3	0	0
20	GRATE17	X	4.3	4.3	0	0
21	GRATE18	X	0	0	0	0
22	PL-BOT-1	X	17.3	17.3	0	0
23	PL-BOT-2	X	17.3	17.3	0	0
24	PL-BOT-3	X	17.3	17.3	0	0
25	SA-BOT-1	X	8.6	8.6	0	0
26	SA-BOT-2	X	0	0	0	0
27	SA-BOT-3	X	8.6	8.6	0	0
28	SA-TOP-1	X	8.6	8.6	0	0
29	SA-TOP-2	X	0	0	0	0
30	SA-TOP-3	X	8.6	8.6	0	0
31	FM1	Z	-10.5	-10.5	0	0

Member Distributed Loads (BLC 12 : Wind Load (300 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
32	FM2	Z	-10.5	-10.5	0	0
33	FM3	Z	-10.5	-10.5	0	0
34	GRATE1	Z	0	0	0	0
35	GRATE2	Z	-7.5	-7.5	0	0
36	GRATE3	Z	-7.5	-7.5	0	0
37	GRATE4	Z	-7.5	-7.5	0	0
38	GRATE5	Z	-7.5	-7.5	0	0
39	GRATE6	Z	-7.5	-7.5	0	0
40	GRATE7	Z	-7.5	-7.5	0	0
41	GRATE8	Z	-7.5	-7.5	0	0
42	GRATE9	Z	-7.5	-7.5	0	0
43	GRATE10	Z	-7.5	-7.5	0	0
44	GRATE11	Z	-7.5	-7.5	0	0
45	GRATE12	Z	-7.5	-7.5	0	0
46	GRATE13	Z	-7.5	-7.5	0	0
47	GRATE14	Z	-7.5	-7.5	0	0
48	GRATE15	Z	-7.5	-7.5	0	0
49	GRATE16	Z	-7.5	-7.5	0	0
50	GRATE17	Z	-7.5	-7.5	0	0
51	GRATE18	Z	0	0	0	0
52	PL-BOT-1	Z	-29.9	-29.9	0	0
53	PL-BOT-2	Z	-29.9	-29.9	0	0
54	PL-BOT-3	Z	-29.9	-29.9	0	0
55	SA-BOT-1	Z	-15	-15	0	0
56	SA-BOT-2	Z	0	0	0	0
57	SA-BOT-3	Z	-15	-15	0	0
58	SA-TOP-1	Z	-15	-15	0	0
59	SA-TOP-2	Z	0	0	0	0
60	SA-TOP-3	Z	-15	-15	0	0
61	MP1	X	24.7	24.7	0	%100
62	MP2	X	22	22	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	24.7	24.7	0	%100
65	MP5	X	22	22	0	%100
66	MP6	X	28.1	28.1	0	%100
67	MP7	X	28.1	28.1	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	24.3	24.3	0	%100
70	MP10	X	24.3	24.3	0	%100
71	MP11	X	24.7	24.7	0	%100
72	MP12	X	24.7	24.7	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	26.3	26.3	0	%99.058
75	MP15	X	26.3	26.3	0	%99.058
76	MP1	Z	-42.7	-42.7	0	%100
77	MP2	Z	-38.2	-38.2	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	-42.7	-42.7	0	%100
80	MP5	Z	-38.2	-38.2	0	%100
81	MP6	Z	-48.7	-48.7	0	%100
82	MP7	Z	-48.7	-48.7	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	-42.1	-42.1	0	%100
85	MP10	Z	-42.1	-42.1	0	%100
86	MP11	Z	-42.7	-42.7	0	%100
87	MP12	Z	-42.7	-42.7	0	%100
88	MP13	Z	0	0	0	0

Member Distributed Loads (BLC 12 : Wind Load (300 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
89	MP14	Z	-45.6	-45.6	0	%99.058
90	MP15	Z	-45.6	-45.6	0	%99.058

Member Distributed Loads (BLC 13 : Wind Load (330 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	10.5	10.5	0	0
2	FM2	X	10.5	10.5	0	0
3	FM3	X	0	0	0	0
4	GRATE1	X	7.5	7.5	0	0
5	GRATE2	X	7.5	7.5	0	0
6	GRATE3	X	7.5	7.5	0	0
7	GRATE4	X	7.5	7.5	0	0
8	GRATE5	X	7.5	7.5	0	0
9	GRATE6	X	7.5	7.5	0	0
10	GRATE7	X	7.5	7.5	0	0
11	GRATE8	X	7.5	7.5	0	0
12	GRATE9	X	7.5	7.5	0	0
13	GRATE10	X	7.5	7.5	0	0
14	GRATE11	X	7.5	7.5	0	0
15	GRATE12	X	7.5	7.5	0	0
16	GRATE13	X	7.5	7.5	0	0
17	GRATE14	X	7.5	7.5	0	0
18	GRATE15	X	7.5	7.5	0	0
19	GRATE16	X	7.5	7.5	0	0
20	GRATE17	X	7.5	7.5	0	0
21	GRATE18	X	7.5	7.5	0	0
22	PL-BOT-1	X	29.9	29.9	0	0
23	PL-BOT-2	X	29.9	29.9	0	0
24	PL-BOT-3	X	0	0	0	0
25	SA-BOT-1	X	15	15	0	0
26	SA-BOT-2	X	15	15	0	0
27	SA-BOT-3	X	15	15	0	0
28	SA-TOP-1	X	15	15	0	0
29	SA-TOP-2	X	15	15	0	0
30	SA-TOP-3	X	15	15	0	0
31	FM1	Z	-6	-6	0	0
32	FM2	Z	-6	-6	0	0
33	FM3	Z	0	0	0	0
34	GRATE1	Z	-4.3	-4.3	0	0
35	GRATE2	Z	-4.3	-4.3	0	0
36	GRATE3	Z	-4.3	-4.3	0	0
37	GRATE4	Z	-4.3	-4.3	0	0
38	GRATE5	Z	-4.3	-4.3	0	0
39	GRATE6	Z	-4.3	-4.3	0	0
40	GRATE7	Z	-4.3	-4.3	0	0
41	GRATE8	Z	-4.3	-4.3	0	0
42	GRATE9	Z	-4.3	-4.3	0	0
43	GRATE10	Z	-4.3	-4.3	0	0
44	GRATE11	Z	-4.3	-4.3	0	0
45	GRATE12	Z	-4.3	-4.3	0	0
46	GRATE13	Z	-4.3	-4.3	0	0
47	GRATE14	Z	-4.3	-4.3	0	0
48	GRATE15	Z	-4.3	-4.3	0	0
49	GRATE16	Z	-4.3	-4.3	0	0
50	GRATE17	Z	-4.3	-4.3	0	0
51	GRATE18	Z	-4.3	-4.3	0	0

Member Distributed Loads (BLC 13 : Wind Load (330 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
52	PL-BOT-1	Z	-17.3	-17.3	0	0
53	PL-BOT-2	Z	-17.3	-17.3	0	0
54	PL-BOT-3	Z	0	0	0	0
55	SA-BOT-1	Z	-8.6	-8.6	0	0
56	SA-BOT-2	Z	-8.6	-8.6	0	0
57	SA-BOT-3	Z	-8.6	-8.6	0	0
58	SA-TOP-1	Z	-8.6	-8.6	0	0
59	SA-TOP-2	Z	-8.6	-8.6	0	0
60	SA-TOP-3	Z	-8.6	-8.6	0	0
61	MP1	X	46.7	46.7	0	%100
62	MP2	X	40.8	40.8	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	46.7	46.7	0	%100
65	MP5	X	40.8	40.8	0	%100
66	MP6	X	46.7	46.7	0	%100
67	MP7	X	46.7	46.7	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	40.8	40.8	0	%100
70	MP10	X	40.8	40.8	0	%100
71	MP11	X	40.7	40.7	0	%100
72	MP12	X	40.7	40.7	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	52.1	52.1	0	%99.058
75	MP15	X	52.1	52.1	0	%99.058
76	MP1	Z	-27	-27	0	%100
77	MP2	Z	-23.6	-23.6	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	-27	-27	0	%100
80	MP5	Z	-23.6	-23.6	0	%100
81	MP6	Z	-27	-27	0	%100
82	MP7	Z	-27	-27	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	-23.6	-23.6	0	%100
85	MP10	Z	-23.6	-23.6	0	%100
86	MP11	Z	-23.5	-23.5	0	%100
87	MP12	Z	-23.5	-23.5	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	-30.1	-30.1	0	%99.058
90	MP15	Z	-30.1	-30.1	0	%99.058

Member Distributed Loads (BLC 14 : Ice Load)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	Y	-11.2	-11.2	0	0
2	FM2	Y	-11.2	-11.2	0	0
3	FM3	Y	-11.2	-11.2	0	0
4	GRATE1	Y	-9.9	-9.9	0	0
5	GRATE2	Y	-9.9	-9.9	0	0
6	GRATE3	Y	-9.9	-9.9	0	0
7	GRATE4	Y	-9.9	-9.9	0	0
8	GRATE5	Y	-9.9	-9.9	0	0
9	GRATE6	Y	-9.9	-9.9	0	0
10	GRATE7	Y	-9.9	-9.9	0	0
11	GRATE8	Y	-9.9	-9.9	0	0
12	GRATE9	Y	-9.9	-9.9	0	0
13	GRATE10	Y	-9.9	-9.9	0	0
14	GRATE11	Y	-9.9	-9.9	0	0

Member Distributed Loads (BLC 14 : Ice Load) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
15	GRATE12	Y	-9.9	-9.9	0	0
16	GRATE13	Y	-9.9	-9.9	0	0
17	GRATE14	Y	-9.9	-9.9	0	0
18	GRATE15	Y	-9.9	-9.9	0	0
19	GRATE16	Y	-9.9	-9.9	0	0
20	GRATE17	Y	-9.9	-9.9	0	0
21	GRATE18	Y	-9.9	-9.9	0	0
22	PL-BOT-1	Y	-16.6	-16.6	0	0
23	PL-BOT-2	Y	-16.6	-16.6	0	0
24	PL-BOT-3	Y	-16.6	-16.6	0	0
25	SA-BOT-1	Y	-12.8	-12.8	0	0
26	SA-BOT-2	Y	-12.8	-12.8	0	0
27	SA-BOT-3	Y	-12.8	-12.8	0	0
28	SA-TOP-1	Y	-12.8	-12.8	0	0
29	SA-TOP-2	Y	-12.8	-12.8	0	0
30	SA-TOP-3	Y	-12.8	-12.8	0	0

Member Distributed Loads (BLC 15 : Wind on Ice (0 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	4.2	4.2	0	0
2	FM2	X	4.2	4.2	0	0
3	FM3	X	4.2	4.2	0	0
4	GRATE1	X	3.6	3.6	0	0
5	GRATE2	X	3.6	3.6	0	0
6	GRATE3	X	3.6	3.6	0	0
7	GRATE4	X	3.6	3.6	0	0
8	GRATE5	X	3.6	3.6	0	0
9	GRATE6	X	3.6	3.6	0	0
10	GRATE7	X	3.6	3.6	0	0
11	GRATE8	X	3.6	3.6	0	0
12	GRATE9	X	3.6	3.6	0	0
13	GRATE10	X	3.6	3.6	0	0
14	GRATE11	X	3.6	3.6	0	0
15	GRATE12	X	0	0	0	0
16	GRATE13	X	0	0	0	0
17	GRATE14	X	3.6	3.6	0	0
18	GRATE15	X	3.6	3.6	0	0
19	GRATE16	X	3.6	3.6	0	0
20	GRATE17	X	3.6	3.6	0	0
21	GRATE18	X	3.6	3.6	0	0
22	PL-BOT-1	X	8.1	8.1	0	0
23	PL-BOT-2	X	8.1	8.1	0	0
24	PL-BOT-3	X	8.1	8.1	0	0
25	SA-BOT-1	X	0	0	0	0
26	SA-BOT-2	X	5.1	5.1	0	0
27	SA-BOT-3	X	5.1	5.1	0	0
28	SA-TOP-1	X	0	0	0	0
29	SA-TOP-2	X	5.1	5.1	0	0
30	SA-TOP-3	X	5.1	5.1	0	0
31	FM1	Z	0	0	0	0
32	FM2	Z	0	0	0	0
33	FM3	Z	0	0	0	0
34	GRATE1	Z	0	0	0	0
35	GRATE2	Z	0	0	0	0
36	GRATE3	Z	0	0	0	0
37	GRATE4	Z	0	0	0	0

Member Distributed Loads (BLC 15 : Wind on Ice (0 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
38	GRATE5	Z	0	0	0	0
39	GRATE6	Z	0	0	0	0
40	GRATE7	Z	0	0	0	0
41	GRATE8	Z	0	0	0	0
42	GRATE9	Z	0	0	0	0
43	GRATE10	Z	0	0	0	0
44	GRATE11	Z	0	0	0	0
45	GRATE12	Z	0	0	0	0
46	GRATE13	Z	0	0	0	0
47	GRATE14	Z	0	0	0	0
48	GRATE15	Z	0	0	0	0
49	GRATE16	Z	0	0	0	0
50	GRATE17	Z	0	0	0	0
51	GRATE18	Z	0	0	0	0
52	PL-BOT-1	Z	0	0	0	0
53	PL-BOT-2	Z	0	0	0	0
54	PL-BOT-3	Z	0	0	0	0
55	SA-BOT-1	Z	0	0	0	0
56	SA-BOT-2	Z	0	0	0	0
57	SA-BOT-3	Z	0	0	0	0
58	SA-TOP-1	Z	0	0	0	0
59	SA-TOP-2	Z	0	0	0	0
60	SA-TOP-3	Z	0	0	0	0
61	MP1	X	11.1	11.1	0	%100
62	MP2	X	9.7	9.7	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	11.1	11.1	0	%100
65	MP5	X	9.7	9.7	0	%100
66	MP6	X	10	10	0	%100
67	MP7	X	10	10	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	9.1	9.1	0	%100
70	MP10	X	9.1	9.1	0	%100
71	MP11	X	10	10	0	%100
72	MP12	X	10	10	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	10.7	10.7	0	%99.058
75	MP15	X	10.7	10.7	0	%99.058
76	MP1	Z	0	0	0	0
77	MP2	Z	0	0	0	0
78	MP3	Z	0	0	0	0
79	MP4	Z	0	0	0	0
80	MP5	Z	0	0	0	0
81	MP6	Z	0	0	0	0
82	MP7	Z	0	0	0	0
83	MP8	Z	0	0	0	0
84	MP9	Z	0	0	0	0
85	MP10	Z	0	0	0	0
86	MP11	Z	0	0	0	0
87	MP12	Z	0	0	0	0
88	MP13	Z	0	0	0	0
89	MP14	Z	0	0	0	0
90	MP15	Z	0	0	0	0

Member Distributed Loads (BLC 16 : Wind on Ice (30 deg))

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

Member Distributed Loads (BLC 16 : Wind on Ice (30 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	3.6	3.6	0	0
2	FM2	X	0	0	0	0
3	FM3	X	3.6	3.6	0	0
4	GRATE1	X	3.1	3.1	0	0
5	GRATE2	X	3.1	3.1	0	0
6	GRATE3	X	3.1	3.1	0	0
7	GRATE4	X	3.1	3.1	0	0
8	GRATE5	X	3.1	3.1	0	0
9	GRATE6	X	3.1	3.1	0	0
10	GRATE7	X	3.1	3.1	0	0
11	GRATE8	X	3.1	3.1	0	0
12	GRATE9	X	3.1	3.1	0	0
13	GRATE10	X	3.1	3.1	0	0
14	GRATE11	X	3.1	3.1	0	0
15	GRATE12	X	3.1	3.1	0	0
16	GRATE13	X	3.1	3.1	0	0
17	GRATE14	X	3.1	3.1	0	0
18	GRATE15	X	3.1	3.1	0	0
19	GRATE16	X	3.1	3.1	0	0
20	GRATE17	X	3.1	3.1	0	0
21	GRATE18	X	3.1	3.1	0	0
22	PL-BOT-1	X	7	7	0	0
23	PL-BOT-2	X	0	0	0	0
24	PL-BOT-3	X	7	7	0	0
25	SA-BOT-1	X	4.4	4.4	0	0
26	SA-BOT-2	X	4.4	4.4	0	0
27	SA-BOT-3	X	4.4	4.4	0	0
28	SA-TOP-1	X	4.4	4.4	0	0
29	SA-TOP-2	X	4.4	4.4	0	0
30	SA-TOP-3	X	4.4	4.4	0	0
31	FM1	Z	2.1	2.1	0	0
32	FM2	Z	0	0	0	0
33	FM3	Z	2.1	2.1	0	0
34	GRATE1	Z	1.8	1.8	0	0
35	GRATE2	Z	1.8	1.8	0	0
36	GRATE3	Z	1.8	1.8	0	0
37	GRATE4	Z	1.8	1.8	0	0
38	GRATE5	Z	1.8	1.8	0	0
39	GRATE6	Z	1.8	1.8	0	0
40	GRATE7	Z	1.8	1.8	0	0
41	GRATE8	Z	1.8	1.8	0	0
42	GRATE9	Z	1.8	1.8	0	0
43	GRATE10	Z	1.8	1.8	0	0
44	GRATE11	Z	1.8	1.8	0	0
45	GRATE12	Z	1.8	1.8	0	0
46	GRATE13	Z	1.8	1.8	0	0
47	GRATE14	Z	1.8	1.8	0	0
48	GRATE15	Z	1.8	1.8	0	0
49	GRATE16	Z	1.8	1.8	0	0
50	GRATE17	Z	1.8	1.8	0	0
51	GRATE18	Z	1.8	1.8	0	0
52	PL-BOT-1	Z	4	4	0	0
53	PL-BOT-2	Z	0	0	0	0
54	PL-BOT-3	Z	4	4	0	0
55	SA-BOT-1	Z	2.5	2.5	0	0
56	SA-BOT-2	Z	2.5	2.5	0	0
57	SA-BOT-3	Z	2.5	2.5	0	0

Member Distributed Loads (BLC 16 : Wind on Ice (30 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
58	SA-TOP-1	Z	2.5	2.5	0	0
59	SA-TOP-2	Z	2.5	2.5	0	0
60	SA-TOP-3	Z	2.5	2.5	0	0
61	MP1	X	9.3	9.3	0	%100
62	MP2	X	8.2	8.2	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	9.3	9.3	0	%100
65	MP5	X	8.2	8.2	0	%100
66	MP6	X	8.4	8.4	0	%100
67	MP7	X	8.4	8.4	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	7.7	7.7	0	%100
70	MP10	X	7.7	7.7	0	%100
71	MP11	X	9.3	9.3	0	%100
72	MP12	X	9.3	9.3	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	6.9	6.9	0	%99.058
75	MP15	X	6.9	6.9	0	%99.058
76	MP1	Z	5.4	5.4	0	%100
77	MP2	Z	4.8	4.8	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	5.4	5.4	0	%100
80	MP5	Z	4.8	4.8	0	%100
81	MP6	Z	4.8	4.8	0	%100
82	MP7	Z	4.8	4.8	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	4.4	4.4	0	%100
85	MP10	Z	4.4	4.4	0	%100
86	MP11	Z	5.4	5.4	0	%100
87	MP12	Z	5.4	5.4	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	4	4	0	%99.058
90	MP15	Z	4	4	0	%99.058

Member Distributed Loads (BLC 17 : Wind on Ice (60 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	2.1	2.1	0	0
2	FM2	X	2.1	2.1	0	0
3	FM3	X	2.1	2.1	0	0
4	GRATE1	X	1.8	1.8	0	0
5	GRATE2	X	1.8	1.8	0	0
6	GRATE3	X	1.8	1.8	0	0
7	GRATE4	X	1.8	1.8	0	0
8	GRATE5	X	1.8	1.8	0	0
9	GRATE6	X	0	0	0	0
10	GRATE7	X	0	0	0	0
11	GRATE8	X	1.8	1.8	0	0
12	GRATE9	X	1.8	1.8	0	0
13	GRATE10	X	1.8	1.8	0	0
14	GRATE11	X	1.8	1.8	0	0
15	GRATE12	X	1.8	1.8	0	0
16	GRATE13	X	1.8	1.8	0	0
17	GRATE14	X	1.8	1.8	0	0
18	GRATE15	X	1.8	1.8	0	0
19	GRATE16	X	1.8	1.8	0	0
20	GRATE17	X	1.8	1.8	0	0

Member Distributed Loads (BLC 17 : Wind on Ice (60 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
21	GRATE18	X	1.8	1.8	0	0
22	PL-BOT-1	X	4	4	0	0
23	PL-BOT-2	X	4	4	0	0
24	PL-BOT-3	X	4	4	0	0
25	SA-BOT-1	X	2.5	2.5	0	0
26	SA-BOT-2	X	2.5	2.5	0	0
27	SA-BOT-3	X	0	0	0	0
28	SA-TOP-1	X	2.5	2.5	0	0
29	SA-TOP-2	X	2.5	2.5	0	0
30	SA-TOP-3	X	0	0	0	0
31	FM1	Z	3.6	3.6	0	0
32	FM2	Z	3.6	3.6	0	0
33	FM3	Z	3.6	3.6	0	0
34	GRATE1	Z	3.1	3.1	0	0
35	GRATE2	Z	3.1	3.1	0	0
36	GRATE3	Z	3.1	3.1	0	0
37	GRATE4	Z	3.1	3.1	0	0
38	GRATE5	Z	3.1	3.1	0	0
39	GRATE6	Z	0	0	0	0
40	GRATE7	Z	0	0	0	0
41	GRATE8	Z	3.1	3.1	0	0
42	GRATE9	Z	3.1	3.1	0	0
43	GRATE10	Z	3.1	3.1	0	0
44	GRATE11	Z	3.1	3.1	0	0
45	GRATE12	Z	3.1	3.1	0	0
46	GRATE13	Z	3.1	3.1	0	0
47	GRATE14	Z	3.1	3.1	0	0
48	GRATE15	Z	3.1	3.1	0	0
49	GRATE16	Z	3.1	3.1	0	0
50	GRATE17	Z	3.1	3.1	0	0
51	GRATE18	Z	3.1	3.1	0	0
52	PL-BOT-1	Z	7	7	0	0
53	PL-BOT-2	Z	7	7	0	0
54	PL-BOT-3	Z	7	7	0	0
55	SA-BOT-1	Z	4.4	4.4	0	0
56	SA-BOT-2	Z	4.4	4.4	0	0
57	SA-BOT-3	Z	0	0	0	0
58	SA-TOP-1	Z	4.4	4.4	0	0
59	SA-TOP-2	Z	4.4	4.4	0	0
60	SA-TOP-3	Z	0	0	0	0
61	MP1	X	5	5	0	%100
62	MP2	X	4.6	4.6	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	5	5	0	%100
65	MP5	X	4.6	4.6	0	%100
66	MP6	X	5	5	0	%100
67	MP7	X	5	5	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	4.6	4.6	0	%100
70	MP10	X	4.6	4.6	0	%100
71	MP11	X	5.5	5.5	0	%100
72	MP12	X	5.5	5.5	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	3.3	3.3	0	%99.058
75	MP15	X	3.3	3.3	0	%99.058
76	MP1	Z	8.7	8.7	0	%100
77	MP2	Z	7.9	7.9	0	%100

Member Distributed Loads (BLC 17 : Wind on Ice (60 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
78	MP3	Z	0	0	0	0
79	MP4	Z	8.7	8.7	0	%100
80	MP5	Z	7.9	7.9	0	%100
81	MP6	Z	8.7	8.7	0	%100
82	MP7	Z	8.7	8.7	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	7.9	7.9	0	%100
85	MP10	Z	7.9	7.9	0	%100
86	MP11	Z	9.6	9.6	0	%100
87	MP12	Z	9.6	9.6	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	5.7	5.7	0	%99.058
90	MP15	Z	5.7	5.7	0	%99.058

Member Distributed Loads (BLC 18 : Wind on Ice (90 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	0	0	0	0
2	FM2	X	0	0	0	0
3	FM3	X	0	0	0	0
4	GRATE1	X	0	0	0	0
5	GRATE2	X	0	0	0	0
6	GRATE3	X	0	0	0	0
7	GRATE4	X	0	0	0	0
8	GRATE5	X	0	0	0	0
9	GRATE6	X	0	0	0	0
10	GRATE7	X	0	0	0	0
11	GRATE8	X	0	0	0	0
12	GRATE9	X	0	0	0	0
13	GRATE10	X	0	0	0	0
14	GRATE11	X	0	0	0	0
15	GRATE12	X	0	0	0	0
16	GRATE13	X	0	0	0	0
17	GRATE14	X	0	0	0	0
18	GRATE15	X	0	0	0	0
19	GRATE16	X	0	0	0	0
20	GRATE17	X	0	0	0	0
21	GRATE18	X	0	0	0	0
22	PL-BOT-1	X	0	0	0	0
23	PL-BOT-2	X	0	0	0	0
24	PL-BOT-3	X	0	0	0	0
25	SA-BOT-1	X	0	0	0	0
26	SA-BOT-2	X	0	0	0	0
27	SA-BOT-3	X	0	0	0	0
28	SA-TOP-1	X	0	0	0	0
29	SA-TOP-2	X	0	0	0	0
30	SA-TOP-3	X	0	0	0	0
31	FM1	Z	0	0	0	0
32	FM2	Z	4.2	4.2	0	0
33	FM3	Z	4.2	4.2	0	0
34	GRATE1	Z	3.6	3.6	0	0
35	GRATE2	Z	3.6	3.6	0	0
36	GRATE3	Z	3.6	3.6	0	0
37	GRATE4	Z	3.6	3.6	0	0
38	GRATE5	Z	3.6	3.6	0	0
39	GRATE6	Z	3.6	3.6	0	0
40	GRATE7	Z	3.6	3.6	0	0

Member Distributed Loads (BLC 18 : Wind on Ice (90 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
41	GRATE8	Z	3.6	3.6	0	0
42	GRATE9	Z	3.6	3.6	0	0
43	GRATE10	Z	3.6	3.6	0	0
44	GRATE11	Z	3.6	3.6	0	0
45	GRATE12	Z	3.6	3.6	0	0
46	GRATE13	Z	3.6	3.6	0	0
47	GRATE14	Z	3.6	3.6	0	0
48	GRATE15	Z	3.6	3.6	0	0
49	GRATE16	Z	3.6	3.6	0	0
50	GRATE17	Z	3.6	3.6	0	0
51	GRATE18	Z	3.6	3.6	0	0
52	PL-BOT-1	Z	0	0	0	0
53	PL-BOT-2	Z	8.1	8.1	0	0
54	PL-BOT-3	Z	8.1	8.1	0	0
55	SA-BOT-1	Z	5.1	5.1	0	0
56	SA-BOT-2	Z	5.1	5.1	0	0
57	SA-BOT-3	Z	5.1	5.1	0	0
58	SA-TOP-1	Z	5.1	5.1	0	0
59	SA-TOP-2	Z	5.1	5.1	0	0
60	SA-TOP-3	Z	5.1	5.1	0	0
61	MP1	X	0	0	0	0
62	MP2	X	0	0	0	0
63	MP3	X	0	0	0	0
64	MP4	X	0	0	0	0
65	MP5	X	0	0	0	0
66	MP6	X	0	0	0	0
67	MP7	X	0	0	0	0
68	MP8	X	0	0	0	0
69	MP9	X	0	0	0	0
70	MP10	X	0	0	0	0
71	MP11	X	0	0	0	0
72	MP12	X	0	0	0	0
73	MP13	X	0	0	0	0
74	MP14	X	0	0	0	0
75	MP15	X	0	0	0	0
76	MP1	Z	9.7	9.7	0	%100
77	MP2	Z	8.9	8.9	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	9.7	9.7	0	%100
80	MP5	Z	8.9	8.9	0	%100
81	MP6	Z	10.7	10.7	0	%100
82	MP7	Z	10.7	10.7	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	9.5	9.5	0	%100
85	MP10	Z	9.5	9.5	0	%100
86	MP11	Z	10.7	10.7	0	%100
87	MP12	Z	10.7	10.7	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	7.9	7.9	0	%99.058
90	MP15	Z	7.9	7.9	0	%99.058

Member Distributed Loads (BLC 19 : Wind on Ice (120 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	-2.1	-2.1	0	0
2	FM2	X	-2.1	-2.1	0	0
3	FM3	X	-2.1	-2.1	0	0

Member Distributed Loads (BLC 19 : Wind on Ice (120 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
4	GRATE1	X	0	0	0	0
5	GRATE2	X	-1.8	-1.8	0	0
6	GRATE3	X	-1.8	-1.8	0	0
7	GRATE4	X	-1.8	-1.8	0	0
8	GRATE5	X	-1.8	-1.8	0	0
9	GRATE6	X	-1.8	-1.8	0	0
10	GRATE7	X	-1.8	-1.8	0	0
11	GRATE8	X	-1.8	-1.8	0	0
12	GRATE9	X	-1.8	-1.8	0	0
13	GRATE10	X	-1.8	-1.8	0	0
14	GRATE11	X	-1.8	-1.8	0	0
15	GRATE12	X	-1.8	-1.8	0	0
16	GRATE13	X	-1.8	-1.8	0	0
17	GRATE14	X	-1.8	-1.8	0	0
18	GRATE15	X	-1.8	-1.8	0	0
19	GRATE16	X	-1.8	-1.8	0	0
20	GRATE17	X	-1.8	-1.8	0	0
21	GRATE18	X	0	0	0	0
22	PL-BOT-1	X	-4	-4	0	0
23	PL-BOT-2	X	-4	-4	0	0
24	PL-BOT-3	X	-4	-4	0	0
25	SA-BOT-1	X	-2.5	-2.5	0	0
26	SA-BOT-2	X	0	0	0	0
27	SA-BOT-3	X	-2.5	-2.5	0	0
28	SA-TOP-1	X	-2.5	-2.5	0	0
29	SA-TOP-2	X	0	0	0	0
30	SA-TOP-3	X	-2.5	-2.5	0	0
31	FM1	Z	3.6	3.6	0	0
32	FM2	Z	3.6	3.6	0	0
33	FM3	Z	3.6	3.6	0	0
34	GRATE1	Z	0	0	0	0
35	GRATE2	Z	3.1	3.1	0	0
36	GRATE3	Z	3.1	3.1	0	0
37	GRATE4	Z	3.1	3.1	0	0
38	GRATE5	Z	3.1	3.1	0	0
39	GRATE6	Z	3.1	3.1	0	0
40	GRATE7	Z	3.1	3.1	0	0
41	GRATE8	Z	3.1	3.1	0	0
42	GRATE9	Z	3.1	3.1	0	0
43	GRATE10	Z	3.1	3.1	0	0
44	GRATE11	Z	3.1	3.1	0	0
45	GRATE12	Z	3.1	3.1	0	0
46	GRATE13	Z	3.1	3.1	0	0
47	GRATE14	Z	3.1	3.1	0	0
48	GRATE15	Z	3.1	3.1	0	0
49	GRATE16	Z	3.1	3.1	0	0
50	GRATE17	Z	3.1	3.1	0	0
51	GRATE18	Z	0	0	0	0
52	PL-BOT-1	Z	7	7	0	0
53	PL-BOT-2	Z	7	7	0	0
54	PL-BOT-3	Z	7	7	0	0
55	SA-BOT-1	Z	4.4	4.4	0	0
56	SA-BOT-2	Z	0	0	0	0
57	SA-BOT-3	Z	4.4	4.4	0	0
58	SA-TOP-1	Z	4.4	4.4	0	0
59	SA-TOP-2	Z	0	0	0	0
60	SA-TOP-3	Z	4.4	4.4	0	0

Member Distributed Loads (BLC 19 : Wind on Ice (120 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
61	MP1	X	-5	-5	0	%100
62	MP2	X	-4.6	-4.6	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	-5	-5	0	%100
65	MP5	X	-4.6	-4.6	0	%100
66	MP6	X	-5.5	-5.5	0	%100
67	MP7	X	-5.5	-5.5	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	-4.9	-4.9	0	%100
70	MP10	X	-4.9	-4.9	0	%100
71	MP11	X	-5	-5	0	%100
72	MP12	X	-5	-5	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	-5.3	-5.3	0	%99.058
75	MP15	X	-5.3	-5.3	0	%99.058
76	MP1	Z	8.7	8.7	0	%100
77	MP2	Z	7.9	7.9	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	8.7	8.7	0	%100
80	MP5	Z	7.9	7.9	0	%100
81	MP6	Z	9.6	9.6	0	%100
82	MP7	Z	9.6	9.6	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	8.4	8.4	0	%100
85	MP10	Z	8.4	8.4	0	%100
86	MP11	Z	8.7	8.7	0	%100
87	MP12	Z	8.7	8.7	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	9.2	9.2	0	%99.058
90	MP15	Z	9.2	9.2	0	%99.058

Member Distributed Loads (BLC 20 : Wind on Ice (150 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	-3.6	-3.6	0	0
2	FM2	X	-3.6	-3.6	0	0
3	FM3	X	0	0	0	0
4	GRATE1	X	-3.1	-3.1	0	0
5	GRATE2	X	-3.1	-3.1	0	0
6	GRATE3	X	-3.1	-3.1	0	0
7	GRATE4	X	-3.1	-3.1	0	0
8	GRATE5	X	-3.1	-3.1	0	0
9	GRATE6	X	-3.1	-3.1	0	0
10	GRATE7	X	-3.1	-3.1	0	0
11	GRATE8	X	-3.1	-3.1	0	0
12	GRATE9	X	-3.1	-3.1	0	0
13	GRATE10	X	-3.1	-3.1	0	0
14	GRATE11	X	-3.1	-3.1	0	0
15	GRATE12	X	-3.1	-3.1	0	0
16	GRATE13	X	-3.1	-3.1	0	0
17	GRATE14	X	-3.1	-3.1	0	0
18	GRATE15	X	-3.1	-3.1	0	0
19	GRATE16	X	-3.1	-3.1	0	0
20	GRATE17	X	-3.1	-3.1	0	0
21	GRATE18	X	-3.1	-3.1	0	0
22	PL-BOT-1	X	-7	-7	0	0
23	PL-BOT-2	X	-7	-7	0	0

Member Distributed Loads (BLC 20 : Wind on Ice (150 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
24	PL-BOT-3	X	0	0	0	0
25	SA-BOT-1	X	-4.4	-4.4	0	0
26	SA-BOT-2	X	-4.4	-4.4	0	0
27	SA-BOT-3	X	-4.4	-4.4	0	0
28	SA-TOP-1	X	-4.4	-4.4	0	0
29	SA-TOP-2	X	-4.4	-4.4	0	0
30	SA-TOP-3	X	-4.4	-4.4	0	0
31	FM1	Z	2.1	2.1	0	0
32	FM2	Z	2.1	2.1	0	0
33	FM3	Z	0	0	0	0
34	GRATE1	Z	1.8	1.8	0	0
35	GRATE2	Z	1.8	1.8	0	0
36	GRATE3	Z	1.8	1.8	0	0
37	GRATE4	Z	1.8	1.8	0	0
38	GRATE5	Z	1.8	1.8	0	0
39	GRATE6	Z	1.8	1.8	0	0
40	GRATE7	Z	1.8	1.8	0	0
41	GRATE8	Z	1.8	1.8	0	0
42	GRATE9	Z	1.8	1.8	0	0
43	GRATE10	Z	1.8	1.8	0	0
44	GRATE11	Z	1.8	1.8	0	0
45	GRATE12	Z	1.8	1.8	0	0
46	GRATE13	Z	1.8	1.8	0	0
47	GRATE14	Z	1.8	1.8	0	0
48	GRATE15	Z	1.8	1.8	0	0
49	GRATE16	Z	1.8	1.8	0	0
50	GRATE17	Z	1.8	1.8	0	0
51	GRATE18	Z	1.8	1.8	0	0
52	PL-BOT-1	Z	4	4	0	0
53	PL-BOT-2	Z	4	4	0	0
54	PL-BOT-3	Z	0	0	0	0
55	SA-BOT-1	Z	2.5	2.5	0	0
56	SA-BOT-2	Z	2.5	2.5	0	0
57	SA-BOT-3	Z	2.5	2.5	0	0
58	SA-TOP-1	Z	2.5	2.5	0	0
59	SA-TOP-2	Z	2.5	2.5	0	0
60	SA-TOP-3	Z	2.5	2.5	0	0
61	MP1	X	-9.3	-9.3	0	%100
62	MP2	X	-8.2	-8.2	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	-9.3	-9.3	0	%100
65	MP5	X	-8.2	-8.2	0	%100
66	MP6	X	-9.3	-9.3	0	%100
67	MP7	X	-9.3	-9.3	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	-8.2	-8.2	0	%100
70	MP10	X	-8.2	-8.2	0	%100
71	MP11	X	-8.4	-8.4	0	%100
72	MP12	X	-8.4	-8.4	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	-10.4	-10.4	0	%99.058
75	MP15	X	-10.4	-10.4	0	%99.058
76	MP1	Z	5.4	5.4	0	%100
77	MP2	Z	4.8	4.8	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	5.4	5.4	0	%100
80	MP5	Z	4.8	4.8	0	%100

Member Distributed Loads (BLC 20 : Wind on Ice (150 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
81	MP6	Z	5.4	5.4	0	%100
82	MP7	Z	5.4	5.4	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	4.8	4.8	0	%100
85	MP10	Z	4.8	4.8	0	%100
86	MP11	Z	4.8	4.8	0	%100
87	MP12	Z	4.8	4.8	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	6	6	0	%99.058
90	MP15	Z	6	6	0	%99.058

Member Distributed Loads (BLC 21 : Wind on Ice (180 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	-4.2	-4.2	0	0
2	FM2	X	-4.2	-4.2	0	0
3	FM3	X	-4.2	-4.2	0	0
4	GRATE1	X	-3.6	-3.6	0	0
5	GRATE2	X	-3.6	-3.6	0	0
6	GRATE3	X	-3.6	-3.6	0	0
7	GRATE4	X	-3.6	-3.6	0	0
8	GRATE5	X	-3.6	-3.6	0	0
9	GRATE6	X	-3.6	-3.6	0	0
10	GRATE7	X	-3.6	-3.6	0	0
11	GRATE8	X	-3.6	-3.6	0	0
12	GRATE9	X	-3.6	-3.6	0	0
13	GRATE10	X	-3.6	-3.6	0	0
14	GRATE11	X	-3.6	-3.6	0	0
15	GRATE12	X	0	0	0	0
16	GRATE13	X	0	0	0	0
17	GRATE14	X	-3.6	-3.6	0	0
18	GRATE15	X	-3.6	-3.6	0	0
19	GRATE16	X	-3.6	-3.6	0	0
20	GRATE17	X	-3.6	-3.6	0	0
21	GRATE18	X	-3.6	-3.6	0	0
22	PL-BOT-1	X	-8.1	-8.1	0	0
23	PL-BOT-2	X	-8.1	-8.1	0	0
24	PL-BOT-3	X	-8.1	-8.1	0	0
25	SA-BOT-1	X	0	0	0	0
26	SA-BOT-2	X	-5.1	-5.1	0	0
27	SA-BOT-3	X	-5.1	-5.1	0	0
28	SA-TOP-1	X	0	0	0	0
29	SA-TOP-2	X	-5.1	-5.1	0	0
30	SA-TOP-3	X	-5.1	-5.1	0	0
31	FM1	Z	0	0	0	0
32	FM2	Z	0	0	0	0
33	FM3	Z	0	0	0	0
34	GRATE1	Z	0	0	0	0
35	GRATE2	Z	0	0	0	0
36	GRATE3	Z	0	0	0	0
37	GRATE4	Z	0	0	0	0
38	GRATE5	Z	0	0	0	0
39	GRATE6	Z	0	0	0	0
40	GRATE7	Z	0	0	0	0
41	GRATE8	Z	0	0	0	0
42	GRATE9	Z	0	0	0	0
43	GRATE10	Z	0	0	0	0

Member Distributed Loads (BLC 21 : Wind on Ice (180 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
44	GRATE11	Z	0	0	0	0
45	GRATE12	Z	0	0	0	0
46	GRATE13	Z	0	0	0	0
47	GRATE14	Z	0	0	0	0
48	GRATE15	Z	0	0	0	0
49	GRATE16	Z	0	0	0	0
50	GRATE17	Z	0	0	0	0
51	GRATE18	Z	0	0	0	0
52	PL-BOT-1	Z	0	0	0	0
53	PL-BOT-2	Z	0	0	0	0
54	PL-BOT-3	Z	0	0	0	0
55	SA-BOT-1	Z	0	0	0	0
56	SA-BOT-2	Z	0	0	0	0
57	SA-BOT-3	Z	0	0	0	0
58	SA-TOP-1	Z	0	0	0	0
59	SA-TOP-2	Z	0	0	0	0
60	SA-TOP-3	Z	0	0	0	0
61	MP1	X	-11.1	-11.1	0	%100
62	MP2	X	-9.7	-9.7	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	-11.1	-11.1	0	%100
65	MP5	X	-9.7	-9.7	0	%100
66	MP6	X	-10	-10	0	%100
67	MP7	X	-10	-10	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	-9.1	-9.1	0	%100
70	MP10	X	-9.1	-9.1	0	%100
71	MP11	X	-10	-10	0	%100
72	MP12	X	-10	-10	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	-10.7	-10.7	0	%99.058
75	MP15	X	-10.7	-10.7	0	%99.058
76	MP1	Z	0	0	0	0
77	MP2	Z	0	0	0	0
78	MP3	Z	0	0	0	0
79	MP4	Z	0	0	0	0
80	MP5	Z	0	0	0	0
81	MP6	Z	0	0	0	0
82	MP7	Z	0	0	0	0
83	MP8	Z	0	0	0	0
84	MP9	Z	0	0	0	0
85	MP10	Z	0	0	0	0
86	MP11	Z	0	0	0	0
87	MP12	Z	0	0	0	0
88	MP13	Z	0	0	0	0
89	MP14	Z	0	0	0	0
90	MP15	Z	0	0	0	0

Member Distributed Loads (BLC 22 : Wind on Ice (210 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	-3.6	-3.6	0	0
2	FM2	X	0	0	0	0
3	FM3	X	-3.6	-3.6	0	0
4	GRATE1	X	-3.1	-3.1	0	0
5	GRATE2	X	-3.1	-3.1	0	0
6	GRATE3	X	-3.1	-3.1	0	0

Member Distributed Loads (BLC 22 : Wind on Ice (210 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
7	GRATE4	X	-3.1	-3.1	0	0
8	GRATE5	X	-3.1	-3.1	0	0
9	GRATE6	X	-3.1	-3.1	0	0
10	GRATE7	X	-3.1	-3.1	0	0
11	GRATE8	X	-3.1	-3.1	0	0
12	GRATE9	X	-3.1	-3.1	0	0
13	GRATE10	X	-3.1	-3.1	0	0
14	GRATE11	X	-3.1	-3.1	0	0
15	GRATE12	X	-3.1	-3.1	0	0
16	GRATE13	X	-3.1	-3.1	0	0
17	GRATE14	X	-3.1	-3.1	0	0
18	GRATE15	X	-3.1	-3.1	0	0
19	GRATE16	X	-3.1	-3.1	0	0
20	GRATE17	X	-3.1	-3.1	0	0
21	GRATE18	X	-3.1	-3.1	0	0
22	PL-BOT-1	X	-7	-7	0	0
23	PL-BOT-2	X	0	0	0	0
24	PL-BOT-3	X	-7	-7	0	0
25	SA-BOT-1	X	-4.4	-4.4	0	0
26	SA-BOT-2	X	-4.4	-4.4	0	0
27	SA-BOT-3	X	-4.4	-4.4	0	0
28	SA-TOP-1	X	-4.4	-4.4	0	0
29	SA-TOP-2	X	-4.4	-4.4	0	0
30	SA-TOP-3	X	-4.4	-4.4	0	0
31	FM1	Z	-2.1	-2.1	0	0
32	FM2	Z	0	0	0	0
33	FM3	Z	-2.1	-2.1	0	0
34	GRATE1	Z	-1.8	-1.8	0	0
35	GRATE2	Z	-1.8	-1.8	0	0
36	GRATE3	Z	-1.8	-1.8	0	0
37	GRATE4	Z	-1.8	-1.8	0	0
38	GRATE5	Z	-1.8	-1.8	0	0
39	GRATE6	Z	-1.8	-1.8	0	0
40	GRATE7	Z	-1.8	-1.8	0	0
41	GRATE8	Z	-1.8	-1.8	0	0
42	GRATE9	Z	-1.8	-1.8	0	0
43	GRATE10	Z	-1.8	-1.8	0	0
44	GRATE11	Z	-1.8	-1.8	0	0
45	GRATE12	Z	-1.8	-1.8	0	0
46	GRATE13	Z	-1.8	-1.8	0	0
47	GRATE14	Z	-1.8	-1.8	0	0
48	GRATE15	Z	-1.8	-1.8	0	0
49	GRATE16	Z	-1.8	-1.8	0	0
50	GRATE17	Z	-1.8	-1.8	0	0
51	GRATE18	Z	-1.8	-1.8	0	0
52	PL-BOT-1	Z	-4	-4	0	0
53	PL-BOT-2	Z	0	0	0	0
54	PL-BOT-3	Z	-4	-4	0	0
55	SA-BOT-1	Z	-2.5	-2.5	0	0
56	SA-BOT-2	Z	-2.5	-2.5	0	0
57	SA-BOT-3	Z	-2.5	-2.5	0	0
58	SA-TOP-1	Z	-2.5	-2.5	0	0
59	SA-TOP-2	Z	-2.5	-2.5	0	0
60	SA-TOP-3	Z	-2.5	-2.5	0	0
61	MP1	X	-9.3	-9.3	0	%100
62	MP2	X	-8.2	-8.2	0	%100
63	MP3	X	0	0	0	0

Member Distributed Loads (BLC 22 : Wind on Ice (210 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
64	MP4	X	-9.3	-9.3	0	%100
65	MP5	X	-8.2	-8.2	0	%100
66	MP6	X	-8.4	-8.4	0	%100
67	MP7	X	-8.4	-8.4	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	-7.7	-7.7	0	%100
70	MP10	X	-7.7	-7.7	0	%100
71	MP11	X	-9.3	-9.3	0	%100
72	MP12	X	-9.3	-9.3	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	-6.9	-6.9	0	%99.058
75	MP15	X	-6.9	-6.9	0	%99.058
76	MP1	Z	-5.4	-5.4	0	%100
77	MP2	Z	-4.8	-4.8	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	-5.4	-5.4	0	%100
80	MP5	Z	-4.8	-4.8	0	%100
81	MP6	Z	-4.8	-4.8	0	%100
82	MP7	Z	-4.8	-4.8	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	-4.4	-4.4	0	%100
85	MP10	Z	-4.4	-4.4	0	%100
86	MP11	Z	-5.4	-5.4	0	%100
87	MP12	Z	-5.4	-5.4	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	-4	-4	0	%99.058
90	MP15	Z	-4	-4	0	%99.058

Member Distributed Loads (BLC 23 : Wind on Ice (240 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	-2.1	-2.1	0	0
2	FM2	X	-2.1	-2.1	0	0
3	FM3	X	-2.1	-2.1	0	0
4	GRATE1	X	-1.8	-1.8	0	0
5	GRATE2	X	-1.8	-1.8	0	0
6	GRATE3	X	-1.8	-1.8	0	0
7	GRATE4	X	-1.8	-1.8	0	0
8	GRATE5	X	-1.8	-1.8	0	0
9	GRATE6	X	0	0	0	0
10	GRATE7	X	0	0	0	0
11	GRATE8	X	-1.8	-1.8	0	0
12	GRATE9	X	-1.8	-1.8	0	0
13	GRATE10	X	-1.8	-1.8	0	0
14	GRATE11	X	-1.8	-1.8	0	0
15	GRATE12	X	-1.8	-1.8	0	0
16	GRATE13	X	-1.8	-1.8	0	0
17	GRATE14	X	-1.8	-1.8	0	0
18	GRATE15	X	-1.8	-1.8	0	0
19	GRATE16	X	-1.8	-1.8	0	0
20	GRATE17	X	-1.8	-1.8	0	0
21	GRATE18	X	-1.8	-1.8	0	0
22	PL-BOT-1	X	-4	-4	0	0
23	PL-BOT-2	X	-4	-4	0	0
24	PL-BOT-3	X	-4	-4	0	0
25	SA-BOT-1	X	-2.5	-2.5	0	0
26	SA-BOT-2	X	-2.5	-2.5	0	0

Member Distributed Loads (BLC 23 : Wind on Ice (240 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
27	SA-BOT-3	X	0	0	0	0
28	SA-TOP-1	X	-2.5	-2.5	0	0
29	SA-TOP-2	X	-2.5	-2.5	0	0
30	SA-TOP-3	X	0	0	0	0
31	FM1	Z	-3.6	-3.6	0	0
32	FM2	Z	-3.6	-3.6	0	0
33	FM3	Z	-3.6	-3.6	0	0
34	GRATE1	Z	-3.1	-3.1	0	0
35	GRATE2	Z	-3.1	-3.1	0	0
36	GRATE3	Z	-3.1	-3.1	0	0
37	GRATE4	Z	-3.1	-3.1	0	0
38	GRATE5	Z	-3.1	-3.1	0	0
39	GRATE6	Z	0	0	0	0
40	GRATE7	Z	0	0	0	0
41	GRATE8	Z	-3.1	-3.1	0	0
42	GRATE9	Z	-3.1	-3.1	0	0
43	GRATE10	Z	-3.1	-3.1	0	0
44	GRATE11	Z	-3.1	-3.1	0	0
45	GRATE12	Z	-3.1	-3.1	0	0
46	GRATE13	Z	-3.1	-3.1	0	0
47	GRATE14	Z	-3.1	-3.1	0	0
48	GRATE15	Z	-3.1	-3.1	0	0
49	GRATE16	Z	-3.1	-3.1	0	0
50	GRATE17	Z	-3.1	-3.1	0	0
51	GRATE18	Z	-3.1	-3.1	0	0
52	PL-BOT-1	Z	-7	-7	0	0
53	PL-BOT-2	Z	-7	-7	0	0
54	PL-BOT-3	Z	-7	-7	0	0
55	SA-BOT-1	Z	-4.4	-4.4	0	0
56	SA-BOT-2	Z	-4.4	-4.4	0	0
57	SA-BOT-3	Z	0	0	0	0
58	SA-TOP-1	Z	-4.4	-4.4	0	0
59	SA-TOP-2	Z	-4.4	-4.4	0	0
60	SA-TOP-3	Z	0	0	0	0
61	MP1	X	-5	-5	0	%100
62	MP2	X	-4.6	-4.6	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	-5	-5	0	%100
65	MP5	X	-4.6	-4.6	0	%100
66	MP6	X	-5	-5	0	%100
67	MP7	X	-5	-5	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	-4.6	-4.6	0	%100
70	MP10	X	-4.6	-4.6	0	%100
71	MP11	X	-5.5	-5.5	0	%100
72	MP12	X	-5.5	-5.5	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	-3.3	-3.3	0	%99.058
75	MP15	X	-3.3	-3.3	0	%99.058
76	MP1	Z	-8.7	-8.7	0	%100
77	MP2	Z	-7.9	-7.9	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	-8.7	-8.7	0	%100
80	MP5	Z	-7.9	-7.9	0	%100
81	MP6	Z	-8.7	-8.7	0	%100
82	MP7	Z	-8.7	-8.7	0	%100
83	MP8	Z	0	0	0	0

Member Distributed Loads (BLC 23 : Wind on Ice (240 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
84	MP9	Z	-7.9	-7.9	0	%100
85	MP10	Z	-7.9	-7.9	0	%100
86	MP11	Z	-9.6	-9.6	0	%100
87	MP12	Z	-9.6	-9.6	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	-5.7	-5.7	0	%99.058
90	MP15	Z	-5.7	-5.7	0	%99.058

Member Distributed Loads (BLC 24 : Wind on Ice (270 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	0	0	0	0
2	FM2	X	0	0	0	0
3	FM3	X	0	0	0	0
4	GRATE1	X	0	0	0	0
5	GRATE2	X	0	0	0	0
6	GRATE3	X	0	0	0	0
7	GRATE4	X	0	0	0	0
8	GRATE5	X	0	0	0	0
9	GRATE6	X	0	0	0	0
10	GRATE7	X	0	0	0	0
11	GRATE8	X	0	0	0	0
12	GRATE9	X	0	0	0	0
13	GRATE10	X	0	0	0	0
14	GRATE11	X	0	0	0	0
15	GRATE12	X	0	0	0	0
16	GRATE13	X	0	0	0	0
17	GRATE14	X	0	0	0	0
18	GRATE15	X	0	0	0	0
19	GRATE16	X	0	0	0	0
20	GRATE17	X	0	0	0	0
21	GRATE18	X	0	0	0	0
22	PL-BOT-1	X	0	0	0	0
23	PL-BOT-2	X	0	0	0	0
24	PL-BOT-3	X	0	0	0	0
25	SA-BOT-1	X	0	0	0	0
26	SA-BOT-2	X	0	0	0	0
27	SA-BOT-3	X	0	0	0	0
28	SA-TOP-1	X	0	0	0	0
29	SA-TOP-2	X	0	0	0	0
30	SA-TOP-3	X	0	0	0	0
31	FM1	Z	0	0	0	0
32	FM2	Z	-4.2	-4.2	0	0
33	FM3	Z	-4.2	-4.2	0	0
34	GRATE1	Z	-3.6	-3.6	0	0
35	GRATE2	Z	-3.6	-3.6	0	0
36	GRATE3	Z	-3.6	-3.6	0	0
37	GRATE4	Z	-3.6	-3.6	0	0
38	GRATE5	Z	-3.6	-3.6	0	0
39	GRATE6	Z	-3.6	-3.6	0	0
40	GRATE7	Z	-3.6	-3.6	0	0
41	GRATE8	Z	-3.6	-3.6	0	0
42	GRATE9	Z	-3.6	-3.6	0	0
43	GRATE10	Z	-3.6	-3.6	0	0
44	GRATE11	Z	-3.6	-3.6	0	0
45	GRATE12	Z	-3.6	-3.6	0	0
46	GRATE13	Z	-3.6	-3.6	0	0

Member Distributed Loads (BLC 24 : Wind on Ice (270 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
47	GRATE14	Z	-3.6	-3.6	0	0
48	GRATE15	Z	-3.6	-3.6	0	0
49	GRATE16	Z	-3.6	-3.6	0	0
50	GRATE17	Z	-3.6	-3.6	0	0
51	GRATE18	Z	-3.6	-3.6	0	0
52	PL-BOT-1	Z	0	0	0	0
53	PL-BOT-2	Z	-8.1	-8.1	0	0
54	PL-BOT-3	Z	-8.1	-8.1	0	0
55	SA-BOT-1	Z	-5.1	-5.1	0	0
56	SA-BOT-2	Z	-5.1	-5.1	0	0
57	SA-BOT-3	Z	-5.1	-5.1	0	0
58	SA-TOP-1	Z	-5.1	-5.1	0	0
59	SA-TOP-2	Z	-5.1	-5.1	0	0
60	SA-TOP-3	Z	-5.1	-5.1	0	0
61	MP1	X	0	0	0	0
62	MP2	X	0	0	0	0
63	MP3	X	0	0	0	0
64	MP4	X	0	0	0	0
65	MP5	X	0	0	0	0
66	MP6	X	0	0	0	0
67	MP7	X	0	0	0	0
68	MP8	X	0	0	0	0
69	MP9	X	0	0	0	0
70	MP10	X	0	0	0	0
71	MP11	X	0	0	0	0
72	MP12	X	0	0	0	0
73	MP13	X	0	0	0	0
74	MP14	X	0	0	0	0
75	MP15	X	0	0	0	0
76	MP1	Z	-9.7	-9.7	0	%100
77	MP2	Z	-8.9	-8.9	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	-9.7	-9.7	0	%100
80	MP5	Z	-8.9	-8.9	0	%100
81	MP6	Z	-10.7	-10.7	0	%100
82	MP7	Z	-10.7	-10.7	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	-9.5	-9.5	0	%100
85	MP10	Z	-9.5	-9.5	0	%100
86	MP11	Z	-10.7	-10.7	0	%100
87	MP12	Z	-10.7	-10.7	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	-7.9	-7.9	0	%99.058
90	MP15	Z	-7.9	-7.9	0	%99.058

Member Distributed Loads (BLC 25 : Wind on Ice (300 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	2.1	2.1	0	0
2	FM2	X	2.1	2.1	0	0
3	FM3	X	2.1	2.1	0	0
4	GRATE1	X	0	0	0	0
5	GRATE2	X	1.8	1.8	0	0
6	GRATE3	X	1.8	1.8	0	0
7	GRATE4	X	1.8	1.8	0	0
8	GRATE5	X	1.8	1.8	0	0
9	GRATE6	X	1.8	1.8	0	0

Member Distributed Loads (BLC 25 : Wind on Ice (300 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
10	GRATE7	X	1.8	1.8	0	0
11	GRATE8	X	1.8	1.8	0	0
12	GRATE9	X	1.8	1.8	0	0
13	GRATE10	X	1.8	1.8	0	0
14	GRATE11	X	1.8	1.8	0	0
15	GRATE12	X	1.8	1.8	0	0
16	GRATE13	X	1.8	1.8	0	0
17	GRATE14	X	1.8	1.8	0	0
18	GRATE15	X	1.8	1.8	0	0
19	GRATE16	X	1.8	1.8	0	0
20	GRATE17	X	1.8	1.8	0	0
21	GRATE18	X	0	0	0	0
22	PL-BOT-1	X	4	4	0	0
23	PL-BOT-2	X	4	4	0	0
24	PL-BOT-3	X	4	4	0	0
25	SA-BOT-1	X	2.5	2.5	0	0
26	SA-BOT-2	X	0	0	0	0
27	SA-BOT-3	X	2.5	2.5	0	0
28	SA-TOP-1	X	2.5	2.5	0	0
29	SA-TOP-2	X	0	0	0	0
30	SA-TOP-3	X	2.5	2.5	0	0
31	FM1	Z	-3.6	-3.6	0	0
32	FM2	Z	-3.6	-3.6	0	0
33	FM3	Z	-3.6	-3.6	0	0
34	GRATE1	Z	0	0	0	0
35	GRATE2	Z	-3.1	-3.1	0	0
36	GRATE3	Z	-3.1	-3.1	0	0
37	GRATE4	Z	-3.1	-3.1	0	0
38	GRATE5	Z	-3.1	-3.1	0	0
39	GRATE6	Z	-3.1	-3.1	0	0
40	GRATE7	Z	-3.1	-3.1	0	0
41	GRATE8	Z	-3.1	-3.1	0	0
42	GRATE9	Z	-3.1	-3.1	0	0
43	GRATE10	Z	-3.1	-3.1	0	0
44	GRATE11	Z	-3.1	-3.1	0	0
45	GRATE12	Z	-3.1	-3.1	0	0
46	GRATE13	Z	-3.1	-3.1	0	0
47	GRATE14	Z	-3.1	-3.1	0	0
48	GRATE15	Z	-3.1	-3.1	0	0
49	GRATE16	Z	-3.1	-3.1	0	0
50	GRATE17	Z	-3.1	-3.1	0	0
51	GRATE18	Z	0	0	0	0
52	PL-BOT-1	Z	-7	-7	0	0
53	PL-BOT-2	Z	-7	-7	0	0
54	PL-BOT-3	Z	-7	-7	0	0
55	SA-BOT-1	Z	-4.4	-4.4	0	0
56	SA-BOT-2	Z	0	0	0	0
57	SA-BOT-3	Z	-4.4	-4.4	0	0
58	SA-TOP-1	Z	-4.4	-4.4	0	0
59	SA-TOP-2	Z	0	0	0	0
60	SA-TOP-3	Z	-4.4	-4.4	0	0
61	MP1	X	5	5	0	%100
62	MP2	X	4.6	4.6	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	5	5	0	%100
65	MP5	X	4.6	4.6	0	%100
66	MP6	X	5.5	5.5	0	%100

Member Distributed Loads (BLC 25 : Wind on Ice (300 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
67	MP7	X	5.5	5.5	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	4.9	4.9	0	%100
70	MP10	X	4.9	4.9	0	%100
71	MP11	X	5	5	0	%100
72	MP12	X	5	5	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	5.3	5.3	0	%99.058
75	MP15	X	5.3	5.3	0	%99.058
76	MP1	Z	-8.7	-8.7	0	%100
77	MP2	Z	-7.9	-7.9	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	-8.7	-8.7	0	%100
80	MP5	Z	-7.9	-7.9	0	%100
81	MP6	Z	-9.6	-9.6	0	%100
82	MP7	Z	-9.6	-9.6	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	-8.4	-8.4	0	%100
85	MP10	Z	-8.4	-8.4	0	%100
86	MP11	Z	-8.7	-8.7	0	%100
87	MP12	Z	-8.7	-8.7	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	-9.2	-9.2	0	%99.058
90	MP15	Z	-9.2	-9.2	0	%99.058

Member Distributed Loads (BLC 26 : Wind on Ice (330 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM1	X	3.6	3.6	0	0
2	FM2	X	3.6	3.6	0	0
3	FM3	X	0	0	0	0
4	GRATE1	X	3.1	3.1	0	0
5	GRATE2	X	3.1	3.1	0	0
6	GRATE3	X	3.1	3.1	0	0
7	GRATE4	X	3.1	3.1	0	0
8	GRATE5	X	3.1	3.1	0	0
9	GRATE6	X	3.1	3.1	0	0
10	GRATE7	X	3.1	3.1	0	0
11	GRATE8	X	3.1	3.1	0	0
12	GRATE9	X	3.1	3.1	0	0
13	GRATE10	X	3.1	3.1	0	0
14	GRATE11	X	3.1	3.1	0	0
15	GRATE12	X	3.1	3.1	0	0
16	GRATE13	X	3.1	3.1	0	0
17	GRATE14	X	3.1	3.1	0	0
18	GRATE15	X	3.1	3.1	0	0
19	GRATE16	X	3.1	3.1	0	0
20	GRATE17	X	3.1	3.1	0	0
21	GRATE18	X	3.1	3.1	0	0
22	PL-BOT-1	X	7	7	0	0
23	PL-BOT-2	X	7	7	0	0
24	PL-BOT-3	X	0	0	0	0
25	SA-BOT-1	X	4.4	4.4	0	0
26	SA-BOT-2	X	4.4	4.4	0	0
27	SA-BOT-3	X	4.4	4.4	0	0
28	SA-TOP-1	X	4.4	4.4	0	0
29	SA-TOP-2	X	4.4	4.4	0	0

Member Distributed Loads (BLC 26 : Wind on Ice (330 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
30	SA-TOP-3	X	4.4	4.4	0	0
31	FM1	Z	-2.1	-2.1	0	0
32	FM2	Z	-2.1	-2.1	0	0
33	FM3	Z	0	0	0	0
34	GRATE1	Z	-1.8	-1.8	0	0
35	GRATE2	Z	-1.8	-1.8	0	0
36	GRATE3	Z	-1.8	-1.8	0	0
37	GRATE4	Z	-1.8	-1.8	0	0
38	GRATE5	Z	-1.8	-1.8	0	0
39	GRATE6	Z	-1.8	-1.8	0	0
40	GRATE7	Z	-1.8	-1.8	0	0
41	GRATE8	Z	-1.8	-1.8	0	0
42	GRATE9	Z	-1.8	-1.8	0	0
43	GRATE10	Z	-1.8	-1.8	0	0
44	GRATE11	Z	-1.8	-1.8	0	0
45	GRATE12	Z	-1.8	-1.8	0	0
46	GRATE13	Z	-1.8	-1.8	0	0
47	GRATE14	Z	-1.8	-1.8	0	0
48	GRATE15	Z	-1.8	-1.8	0	0
49	GRATE16	Z	-1.8	-1.8	0	0
50	GRATE17	Z	-1.8	-1.8	0	0
51	GRATE18	Z	-1.8	-1.8	0	0
52	PL-BOT-1	Z	-4	-4	0	0
53	PL-BOT-2	Z	-4	-4	0	0
54	PL-BOT-3	Z	0	0	0	0
55	SA-BOT-1	Z	-2.5	-2.5	0	0
56	SA-BOT-2	Z	-2.5	-2.5	0	0
57	SA-BOT-3	Z	-2.5	-2.5	0	0
58	SA-TOP-1	Z	-2.5	-2.5	0	0
59	SA-TOP-2	Z	-2.5	-2.5	0	0
60	SA-TOP-3	Z	-2.5	-2.5	0	0
61	MP1	X	9.3	9.3	0	%100
62	MP2	X	8.2	8.2	0	%100
63	MP3	X	0	0	0	0
64	MP4	X	9.3	9.3	0	%100
65	MP5	X	8.2	8.2	0	%100
66	MP6	X	9.3	9.3	0	%100
67	MP7	X	9.3	9.3	0	%100
68	MP8	X	0	0	0	0
69	MP9	X	8.2	8.2	0	%100
70	MP10	X	8.2	8.2	0	%100
71	MP11	X	8.4	8.4	0	%100
72	MP12	X	8.4	8.4	0	%100
73	MP13	X	0	0	0	0
74	MP14	X	10.4	10.4	0	%99.058
75	MP15	X	10.4	10.4	0	%99.058
76	MP1	Z	-5.4	-5.4	0	%100
77	MP2	Z	-4.8	-4.8	0	%100
78	MP3	Z	0	0	0	0
79	MP4	Z	-5.4	-5.4	0	%100
80	MP5	Z	-4.8	-4.8	0	%100
81	MP6	Z	-5.4	-5.4	0	%100
82	MP7	Z	-5.4	-5.4	0	%100
83	MP8	Z	0	0	0	0
84	MP9	Z	-4.8	-4.8	0	%100
85	MP10	Z	-4.8	-4.8	0	%100
86	MP11	Z	-4.8	-4.8	0	%100

Member Distributed Loads (BLC 26 : Wind on Ice (330 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
87	MP12	Z	-4.8	-4.8	0	%100
88	MP13	Z	0	0	0	0
89	MP14	Z	-6	-6	0	%99.058
90	MP15	Z	-6	-6	0	%99.058

Load Combinations

	Description	Solve P...	SR...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.4D	Yes	Y	1	1.4																		
2	1.2D + 1.0W (0 ...	Yes	Y	1	1.2	2	1																
3	1.2D + 1.0W (30...	Yes	Y	1	1.2	3	1																
4	1.2D + 1.0W (60...	Yes	Y	1	1.2	4	1																
5	1.2D + 1.0W (90...	Yes	Y	1	1.2	5	1																
6	1.2D + 1.0W (12...	Yes	Y	1	1.2	6	1																
7	1.2D + 1.0W (15...	Yes	Y	1	1.2	7	1																
8	1.2D + 1.0W (18...	Yes	Y	1	1.2	8	1																
9	1.2D + 1.0W (21...	Yes	Y	1	1.2	9	1																
10	1.2D + 1.0W (24...	Yes	Y	1	1.2	10	1																
11	1.2D + 1.0W (27...	Yes	Y	1	1.2	11	1																
12	1.2D + 1.0W (30...	Yes	Y	1	1.2	12	1																
13	1.2D + 1.0W (33...	Yes	Y	1	1.2	13	1																
14	1.2D + Di + Wi (...	Yes	Y	1	1.2	14	1	15	1														
15	1.2D + Di + Wi (...	Yes	Y	1	1.2	14	1	16	1														
16	1.2D + Di + Wi (...	Yes	Y	1	1.2	14	1	17	1														
17	1.2D + Di + Wi (...	Yes	Y	1	1.2	14	1	18	1														
18	1.2D + Di + Wi (...	Yes	Y	1	1.2	14	1	19	1														
19	1.2D + Di + Wi (...	Yes	Y	1	1.2	14	1	20	1														
20	1.2D + Di + Wi (...	Yes	Y	1	1.2	14	1	21	1														
21	1.2D + Di + Wi (...	Yes	Y	1	1.2	14	1	22	1														
22	1.2D + Di + Wi (...	Yes	Y	1	1.2	14	1	23	1														
23	1.2D + Di + Wi (...	Yes	Y	1	1.2	14	1	24	1														
24	1.2D + Di + Wi (...	Yes	Y	1	1.2	14	1	25	1														
25	1.2D + Di + Wi (...	Yes	Y	1	1.2	14	1	26	1														
26	1.2D + 1.0 Ev + ...	Yes	Y	1	1.2	1	.048	27	.121														
27	1.2D + 1.0 Ev + ...	Yes	Y	1	1.2	1	.048	28	.121														
28	1.2D + 1.0 Ev + ...	Yes	Y	1	1.2	1	.048	29	.121														
29	1.2D + 1.0 Ev + ...	Yes	Y	1	1.2	1	.048	30	.121														
30	1.2D + 1.0 Ev + ...	Yes	Y	1	1.2	1	.048	31	.121														
31	1.2D + 1.0 Ev + ...	Yes	Y	1	1.2	1	.048	32	.121														
32	1.2D + 1.0 Ev + ...	Yes	Y	1	1.2	1	.048	33	.121														
33	1.2D + 1.0 Ev + ...	Yes	Y	1	1.2	1	.048	34	.121														
34	1.2D + 1.0 Ev + ...	Yes	Y	1	1.2	1	.048	35	.121														
35	1.2D + 1.0 Ev + ...	Yes	Y	1	1.2	1	.048	36	.121														
36	1.2D + 1.0 Ev + ...	Yes	Y	1	1.2	1	.048	37	.121														
37	1.2D + 1.0 Ev + ...	Yes	Y	1	1.2	1	.048	38	.121														
38	1.2D + 1.5Lm1 +...	Yes	Y	1	1.2	39	1.5	2	.063														
39	1.2D + 1.5Lm1 +...	Yes	Y	1	1.2	39	1.5	3	.063														
40	1.2D + 1.5Lm1 +...	Yes	Y	1	1.2	39	1.5	4	.063														
41	1.2D + 1.5Lm1 +...	Yes	Y	1	1.2	39	1.5	5	.063														
42	1.2D + 1.5Lm1 +...	Yes	Y	1	1.2	39	1.5	6	.063														
43	1.2D + 1.5Lm1 +...	Yes	Y	1	1.2	39	1.5	7	.063														
44	1.2D + 1.5Lm1 +...	Yes	Y	1	1.2	39	1.5	8	.063														
45	1.2D + 1.5Lm1 +...	Yes	Y	1	1.2	39	1.5	9	.063														
46	1.2D + 1.5Lm1 +...	Yes	Y	1	1.2	39	1.5	10	.063														
47	1.2D + 1.5Lm1 +...	Yes	Y	1	1.2	39	1.5	11	.063														
48	1.2D + 1.5Lm1 +...	Yes	Y	1	1.2	39	1.5	12	.063														

Load Combinations (Continued)

	Description	Solve	P...	SR...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
49	1.2D + 1.5Lm1 +...	Yes	Y		1	1.2	39	1.5	13	.063														
50	1.2D + 1.5Lm2 +...	Yes	Y		1	1.2	40	1.5	2	.063														
51	1.2D + 1.5Lm2 +...	Yes	Y		1	1.2	40	1.5	3	.063														
52	1.2D + 1.5Lm2 +...	Yes	Y		1	1.2	40	1.5	4	.063														
53	1.2D + 1.5Lm2 +...	Yes	Y		1	1.2	40	1.5	5	.063														
54	1.2D + 1.5Lm2 +...	Yes	Y		1	1.2	40	1.5	6	.063														
55	1.2D + 1.5Lm2 +...	Yes	Y		1	1.2	40	1.5	7	.063														
56	1.2D + 1.5Lm2 +...	Yes	Y		1	1.2	40	1.5	8	.063														
57	1.2D + 1.5Lm2 +...	Yes	Y		1	1.2	40	1.5	9	.063														
58	1.2D + 1.5Lm2 +...	Yes	Y		1	1.2	40	1.5	10	.063														
59	1.2D + 1.5Lm2 +...	Yes	Y		1	1.2	40	1.5	11	.063														
60	1.2D + 1.5Lm2 +...	Yes	Y		1	1.2	40	1.5	12	.063														
61	1.2D + 1.5Lm2 +...	Yes	Y		1	1.2	40	1.5	13	.063														
62	1.2D + 1.5Lm3 +...	Yes	Y		1	1.2	41	1.5	2	.063														
63	1.2D + 1.5Lm3 +...	Yes	Y		1	1.2	41	1.5	3	.063														
64	1.2D + 1.5Lm3 +...	Yes	Y		1	1.2	41	1.5	4	.063														
65	1.2D + 1.5Lm3 +...	Yes	Y		1	1.2	41	1.5	5	.063														
66	1.2D + 1.5Lm3 +...	Yes	Y		1	1.2	41	1.5	6	.063														
67	1.2D + 1.5Lm3 +...	Yes	Y		1	1.2	41	1.5	7	.063														
68	1.2D + 1.5Lm3 +...	Yes	Y		1	1.2	41	1.5	8	.063														
69	1.2D + 1.5Lm3 +...	Yes	Y		1	1.2	41	1.5	9	.063														
70	1.2D + 1.5Lm3 +...	Yes	Y		1	1.2	41	1.5	10	.063														
71	1.2D + 1.5Lm3 +...	Yes	Y		1	1.2	41	1.5	11	.063														
72	1.2D + 1.5Lm3 +...	Yes	Y		1	1.2	41	1.5	12	.063														
73	1.2D + 1.5Lm3 +...	Yes	Y		1	1.2	41	1.5	13	.063														
74	1.2D + 1.5Lm4 +...	Yes	Y		1	1.2	42	1.5	2	.063														
75	1.2D + 1.5Lm4 +...	Yes	Y		1	1.2	42	1.5	3	.063														
76	1.2D + 1.5Lm4 +...	Yes	Y		1	1.2	42	1.5	4	.063														
77	1.2D + 1.5Lm4 +...	Yes	Y		1	1.2	42	1.5	5	.063														
78	1.2D + 1.5Lm4 +...	Yes	Y		1	1.2	42	1.5	6	.063														
79	1.2D + 1.5Lm4 +...	Yes	Y		1	1.2	42	1.5	7	.063														
80	1.2D + 1.5Lm4 +...	Yes	Y		1	1.2	42	1.5	8	.063														
81	1.2D + 1.5Lm4 +...	Yes	Y		1	1.2	42	1.5	9	.063														
82	1.2D + 1.5Lm4 +...	Yes	Y		1	1.2	42	1.5	10	.063														
83	1.2D + 1.5Lm4 +...	Yes	Y		1	1.2	42	1.5	11	.063														
84	1.2D + 1.5Lm4 +...	Yes	Y		1	1.2	42	1.5	12	.063														
85	1.2D + 1.5Lm4 +...	Yes	Y		1	1.2	42	1.5	13	.063														
86	1.2D + 1.5Lm5 +...	Yes	Y		1	1.2	43	1.5	2	.063														
87	1.2D + 1.5Lm5 +...	Yes	Y		1	1.2	43	1.5	3	.063														
88	1.2D + 1.5Lm5 +...	Yes	Y		1	1.2	43	1.5	4	.063														
89	1.2D + 1.5Lm5 +...	Yes	Y		1	1.2	43	1.5	5	.063														
90	1.2D + 1.5Lm5 +...	Yes	Y		1	1.2	43	1.5	6	.063														
91	1.2D + 1.5Lm5 +...	Yes	Y		1	1.2	43	1.5	7	.063														
92	1.2D + 1.5Lm5 +...	Yes	Y		1	1.2	43	1.5	8	.063														
93	1.2D + 1.5Lm5 +...	Yes	Y		1	1.2	43	1.5	9	.063														
94	1.2D + 1.5Lm5 +...	Yes	Y		1	1.2	43	1.5	10	.063														
95	1.2D + 1.5Lm5 +...	Yes	Y		1	1.2	43	1.5	11	.063														
96	1.2D + 1.5Lm5 +...	Yes	Y		1	1.2	43	1.5	12	.063														
97	1.2D + 1.5Lm5 +...	Yes	Y		1	1.2	43	1.5	13	.063														
98	1.2D + 1.5Lm6 +...	Yes	Y		1	1.2	44	1.5	2	.063														
99	1.2D + 1.5Lm6 +...	Yes	Y		1	1.2	44	1.5	3	.063														
100	1.2D + 1.5Lm6 +...	Yes	Y		1	1.2	44	1.5	4	.063														
101	1.2D + 1.5Lm6 +...	Yes	Y		1	1.2	44	1.5	5	.063														
102	1.2D + 1.5Lm6 +...	Yes	Y		1	1.2	44	1.5	6	.063														
103	1.2D + 1.5Lm6 +...	Yes	Y		1	1.2	44	1.5	7	.063														
104	1.2D + 1.5Lm6 +...	Yes	Y		1	1.2	44	1.5	8	.063														
105	1.2D + 1.5Lm6 +...	Yes	Y		1	1.2	44	1.5	9	.063														

Load Combinations (Continued)

	Description	Solve	P...	SR...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
106	1.2D + 1.5Lm6 +...	Yes	Y		1	1.2	44	1.5	10	.063																
107	1.2D + 1.5Lm6 +...	Yes	Y		1	1.2	44	1.5	11	.063																
108	1.2D + 1.5Lm6 +...	Yes	Y		1	1.2	44	1.5	12	.063																
109	1.2D + 1.5Lm6 +...	Yes	Y		1	1.2	44	1.5	13	.063																
110	1.2D + 1.5Lm7 +...	Yes	Y		1	1.2	45	1.5	2	.063																
111	1.2D + 1.5Lm7 +...	Yes	Y		1	1.2	45	1.5	3	.063																
112	1.2D + 1.5Lm7 +...	Yes	Y		1	1.2	45	1.5	4	.063																
113	1.2D + 1.5Lm7 +...	Yes	Y		1	1.2	45	1.5	5	.063																
114	1.2D + 1.5Lm7 +...	Yes	Y		1	1.2	45	1.5	6	.063																
115	1.2D + 1.5Lm7 +...	Yes	Y		1	1.2	45	1.5	7	.063																
116	1.2D + 1.5Lm7 +...	Yes	Y		1	1.2	45	1.5	8	.063																
117	1.2D + 1.5Lm7 +...	Yes	Y		1	1.2	45	1.5	9	.063																
118	1.2D + 1.5Lm7 +...	Yes	Y		1	1.2	45	1.5	10	.063																
119	1.2D + 1.5Lm7 +...	Yes	Y		1	1.2	45	1.5	11	.063																
120	1.2D + 1.5Lm7 +...	Yes	Y		1	1.2	45	1.5	12	.063																
121	1.2D + 1.5Lm7 +...	Yes	Y		1	1.2	45	1.5	13	.063																
122	1.2D + 1.5Lm8 +...	Yes	Y		1	1.2	46	1.5	2	.063																
123	1.2D + 1.5Lm8 +...	Yes	Y		1	1.2	46	1.5	3	.063																
124	1.2D + 1.5Lm8 +...	Yes	Y		1	1.2	46	1.5	4	.063																
125	1.2D + 1.5Lm8 +...	Yes	Y		1	1.2	46	1.5	5	.063																
126	1.2D + 1.5Lm8 +...	Yes	Y		1	1.2	46	1.5	6	.063																
127	1.2D + 1.5Lm8 +...	Yes	Y		1	1.2	46	1.5	7	.063																
128	1.2D + 1.5Lm8 +...	Yes	Y		1	1.2	46	1.5	8	.063																
129	1.2D + 1.5Lm8 +...	Yes	Y		1	1.2	46	1.5	9	.063																
130	1.2D + 1.5Lm8 +...	Yes	Y		1	1.2	46	1.5	10	.063																
131	1.2D + 1.5Lm8 +...	Yes	Y		1	1.2	46	1.5	11	.063																
132	1.2D + 1.5Lm8 +...	Yes	Y		1	1.2	46	1.5	12	.063																
133	1.2D + 1.5Lm8 +...	Yes	Y		1	1.2	46	1.5	13	.063																
134	1.2D + 1.5Lm9 +...	Yes	Y		1	1.2	47	1.5	2	.063																
135	1.2D + 1.5Lm9 +...	Yes	Y		1	1.2	47	1.5	3	.063																
136	1.2D + 1.5Lm9 +...	Yes	Y		1	1.2	47	1.5	4	.063																
137	1.2D + 1.5Lm9 +...	Yes	Y		1	1.2	47	1.5	5	.063																
138	1.2D + 1.5Lm9 +...	Yes	Y		1	1.2	47	1.5	6	.063																
139	1.2D + 1.5Lm9 +...	Yes	Y		1	1.2	47	1.5	7	.063																
140	1.2D + 1.5Lm9 +...	Yes	Y		1	1.2	47	1.5	8	.063																
141	1.2D + 1.5Lm9 +...	Yes	Y		1	1.2	47	1.5	9	.063																
142	1.2D + 1.5Lm9 +...	Yes	Y		1	1.2	47	1.5	10	.063																
143	1.2D + 1.5Lm9 +...	Yes	Y		1	1.2	47	1.5	11	.063																
144	1.2D + 1.5Lm9 +...	Yes	Y		1	1.2	47	1.5	12	.063																
145	1.2D + 1.5Lm9 +...	Yes	Y		1	1.2	47	1.5	13	.063																
146	1.2D + 1.5Lm10 ...	Yes	Y		1	1.2	48	1.5	2	.063																
147	1.2D + 1.5Lm10 ...	Yes	Y		1	1.2	48	1.5	3	.063																
148	1.2D + 1.5Lm10 ...	Yes	Y		1	1.2	48	1.5	4	.063																
149	1.2D + 1.5Lm10 ...	Yes	Y		1	1.2	48	1.5	5	.063																
150	1.2D + 1.5Lm10 ...	Yes	Y		1	1.2	48	1.5	6	.063																
151	1.2D + 1.5Lm10 ...	Yes	Y		1	1.2	48	1.5	7	.063																
152	1.2D + 1.5Lm10 ...	Yes	Y		1	1.2	48	1.5	8	.063																
153	1.2D + 1.5Lm10 ...	Yes	Y		1	1.2	48	1.5	9	.063																
154	1.2D + 1.5Lm10 ...	Yes	Y		1	1.2	48	1.5	10	.063																
155	1.2D + 1.5Lm10 ...	Yes	Y		1	1.2	48	1.5	11	.063																
156	1.2D + 1.5Lm10 ...	Yes	Y		1	1.2	48	1.5	12	.063																
157	1.2D + 1.5Lm10 ...	Yes	Y		1	1.2	48	1.5	13	.063																
158	1.2D + 1.5Lm11 ...	Yes	Y		1	1.2	49	1.5	2	.063																
159	1.2D + 1.5Lm11 ...	Yes	Y		1	1.2	49	1.5	3	.063																
160	1.2D + 1.5Lm11 ...	Yes	Y		1	1.2	49	1.5	4	.063																
161	1.2D + 1.5Lm11 ...	Yes	Y		1	1.2	49	1.5	5	.063																
162	1.2D + 1.5Lm11 ...	Yes	Y		1	1.2	49	1.5	6	.063																

Load Combinations (Continued)

	Description	Solve	P...	SR...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
163	1.2D + 1.5Lm11 ...	Yes	Y		1	1.2	49	1.5	7	.063														
164	1.2D + 1.5Lm11 ...	Yes	Y		1	1.2	49	1.5	8	.063														
165	1.2D + 1.5Lm11 ...	Yes	Y		1	1.2	49	1.5	9	.063														
166	1.2D + 1.5Lm11 ...	Yes	Y		1	1.2	49	1.5	10	.063														
167	1.2D + 1.5Lm11 ...	Yes	Y		1	1.2	49	1.5	11	.063														
168	1.2D + 1.5Lm11 ...	Yes	Y		1	1.2	49	1.5	12	.063														
169	1.2D + 1.5Lm11 ...	Yes	Y		1	1.2	49	1.5	13	.063														
170	1.2D + 1.5Lm12 ...	Yes	Y		1	1.2	50	1.5	2	.063														
171	1.2D + 1.5Lm12 ...	Yes	Y		1	1.2	50	1.5	3	.063														
172	1.2D + 1.5Lm12 ...	Yes	Y		1	1.2	50	1.5	4	.063														
173	1.2D + 1.5Lm12 ...	Yes	Y		1	1.2	50	1.5	5	.063														
174	1.2D + 1.5Lm12 ...	Yes	Y		1	1.2	50	1.5	6	.063														
175	1.2D + 1.5Lm12 ...	Yes	Y		1	1.2	50	1.5	7	.063														
176	1.2D + 1.5Lm12 ...	Yes	Y		1	1.2	50	1.5	8	.063														
177	1.2D + 1.5Lm12 ...	Yes	Y		1	1.2	50	1.5	9	.063														
178	1.2D + 1.5Lm12 ...	Yes	Y		1	1.2	50	1.5	10	.063														
179	1.2D + 1.5Lm12 ...	Yes	Y		1	1.2	50	1.5	11	.063														
180	1.2D + 1.5Lm12 ...	Yes	Y		1	1.2	50	1.5	12	.063														
181	1.2D + 1.5Lm12 ...	Yes	Y		1	1.2	50	1.5	13	.063														
182	1.2D + 1.5Lm13 ...	Yes	Y		1	1.2	51	1.5	2	.063														
183	1.2D + 1.5Lm13 ...	Yes	Y		1	1.2	51	1.5	3	.063														
184	1.2D + 1.5Lm13 ...	Yes	Y		1	1.2	51	1.5	4	.063														
185	1.2D + 1.5Lm13 ...	Yes	Y		1	1.2	51	1.5	5	.063														
186	1.2D + 1.5Lm13 ...	Yes	Y		1	1.2	51	1.5	6	.063														
187	1.2D + 1.5Lm13 ...	Yes	Y		1	1.2	51	1.5	7	.063														
188	1.2D + 1.5Lm13 ...	Yes	Y		1	1.2	51	1.5	8	.063														
189	1.2D + 1.5Lm13 ...	Yes	Y		1	1.2	51	1.5	9	.063														
190	1.2D + 1.5Lm13 ...	Yes	Y		1	1.2	51	1.5	10	.063														
191	1.2D + 1.5Lm13 ...	Yes	Y		1	1.2	51	1.5	11	.063														
192	1.2D + 1.5Lm13 ...	Yes	Y		1	1.2	51	1.5	12	.063														
193	1.2D + 1.5Lm13 ...	Yes	Y		1	1.2	51	1.5	13	.063														
194	1.2D + 1.5Lm14 ...	Yes	Y		1	1.2	52	1.5	2	.063														
195	1.2D + 1.5Lm14 ...	Yes	Y		1	1.2	52	1.5	3	.063														
196	1.2D + 1.5Lm14 ...	Yes	Y		1	1.2	52	1.5	4	.063														
197	1.2D + 1.5Lm14 ...	Yes	Y		1	1.2	52	1.5	5	.063														
198	1.2D + 1.5Lm14 ...	Yes	Y		1	1.2	52	1.5	6	.063														
199	1.2D + 1.5Lm14 ...	Yes	Y		1	1.2	52	1.5	7	.063														
200	1.2D + 1.5Lm14 ...	Yes	Y		1	1.2	52	1.5	8	.063														
201	1.2D + 1.5Lm14 ...	Yes	Y		1	1.2	52	1.5	9	.063														
202	1.2D + 1.5Lm14 ...	Yes	Y		1	1.2	52	1.5	10	.063														
203	1.2D + 1.5Lm14 ...	Yes	Y		1	1.2	52	1.5	11	.063														
204	1.2D + 1.5Lm14 ...	Yes	Y		1	1.2	52	1.5	12	.063														
205	1.2D + 1.5Lm14 ...	Yes	Y		1	1.2	52	1.5	13	.063														
206	1.2D + 1.5Lm15 ...	Yes	Y		1	1.2	53	1.5	2	.063														
207	1.2D + 1.5Lm15 ...	Yes	Y		1	1.2	53	1.5	3	.063														
208	1.2D + 1.5Lm15 ...	Yes	Y		1	1.2	53	1.5	4	.063														
209	1.2D + 1.5Lm15 ...	Yes	Y		1	1.2	53	1.5	5	.063														
210	1.2D + 1.5Lm15 ...	Yes	Y		1	1.2	53	1.5	6	.063														
211	1.2D + 1.5Lm15 ...	Yes	Y		1	1.2	53	1.5	7	.063														
212	1.2D + 1.5Lm15 ...	Yes	Y		1	1.2	53	1.5	8	.063														
213	1.2D + 1.5Lm15 ...	Yes	Y		1	1.2	53	1.5	9	.063														
214	1.2D + 1.5Lm15 ...	Yes	Y		1	1.2	53	1.5	10	.063														
215	1.2D + 1.5Lm15 ...	Yes	Y		1	1.2	53	1.5	11	.063														
216	1.2D + 1.5Lm15 ...	Yes	Y		1	1.2	53	1.5	12	.063														
217	1.2D + 1.5Lm15 ...	Yes	Y		1	1.2	53	1.5	13	.063														
218	1.2D + 1.5Lm16 ...		Y		1	1.2	54	1.5	2	.063														
219	1.2D + 1.5Lm16 ...		Y		1	1.2	54	1.5	3	.063														

Load Combinations (Continued)

	Description	Solve	P...	SR...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
220	1.2D + 1.5Lm16 ...	Y			1	1.2	54	1.5	4	.063														
221	1.2D + 1.5Lm16 ...	Y			1	1.2	54	1.5	5	.063														
222	1.2D + 1.5Lm16 ...	Y			1	1.2	54	1.5	6	.063														
223	1.2D + 1.5Lm16 ...	Y			1	1.2	54	1.5	7	.063														
224	1.2D + 1.5Lm16 ...	Y			1	1.2	54	1.5	8	.063														
225	1.2D + 1.5Lm16 ...	Y			1	1.2	54	1.5	9	.063														
226	1.2D + 1.5Lm16 ...	Y			1	1.2	54	1.5	10	.063														
227	1.2D + 1.5Lm16 ...	Y			1	1.2	54	1.5	11	.063														
228	1.2D + 1.5Lm16 ...	Y			1	1.2	54	1.5	12	.063														
229	1.2D + 1.5Lm16 ...	Y			1	1.2	54	1.5	13	.063														
230	1.2D + 1.5Lm17 ...	Y			1	1.2	55	1.5	2	.063														
231	1.2D + 1.5Lm17 ...	Y			1	1.2	55	1.5	3	.063														
232	1.2D + 1.5Lm17 ...	Y			1	1.2	55	1.5	4	.063														
233	1.2D + 1.5Lm17 ...	Y			1	1.2	55	1.5	5	.063														
234	1.2D + 1.5Lm17 ...	Y			1	1.2	55	1.5	6	.063														
235	1.2D + 1.5Lm17 ...	Y			1	1.2	55	1.5	7	.063														
236	1.2D + 1.5Lm17 ...	Y			1	1.2	55	1.5	8	.063														
237	1.2D + 1.5Lm17 ...	Y			1	1.2	55	1.5	9	.063														
238	1.2D + 1.5Lm17 ...	Y			1	1.2	55	1.5	10	.063														
239	1.2D + 1.5Lm17 ...	Y			1	1.2	55	1.5	11	.063														
240	1.2D + 1.5Lm17 ...	Y			1	1.2	55	1.5	12	.063														
241	1.2D + 1.5Lm17 ...	Y			1	1.2	55	1.5	13	.063														
242	1.2D + 1.5Lm18 ...	Y			1	1.2	56	1.5	2	.063														
243	1.2D + 1.5Lm18 ...	Y			1	1.2	56	1.5	3	.063														
244	1.2D + 1.5Lm18 ...	Y			1	1.2	56	1.5	4	.063														
245	1.2D + 1.5Lm18 ...	Y			1	1.2	56	1.5	5	.063														
246	1.2D + 1.5Lm18 ...	Y			1	1.2	56	1.5	6	.063														
247	1.2D + 1.5Lm18 ...	Y			1	1.2	56	1.5	7	.063														
248	1.2D + 1.5Lm18 ...	Y			1	1.2	56	1.5	8	.063														
249	1.2D + 1.5Lm18 ...	Y			1	1.2	56	1.5	9	.063														
250	1.2D + 1.5Lm18 ...	Y			1	1.2	56	1.5	10	.063														
251	1.2D + 1.5Lm18 ...	Y			1	1.2	56	1.5	11	.063														
252	1.2D + 1.5Lm18 ...	Y			1	1.2	56	1.5	12	.063														
253	1.2D + 1.5Lm18 ...	Y			1	1.2	56	1.5	13	.063														
254	1.2D + 1.5Lm19 ...	Y			1	1.2	57	1.5	2	.063														
255	1.2D + 1.5Lm19 ...	Y			1	1.2	57	1.5	3	.063														
256	1.2D + 1.5Lm19 ...	Y			1	1.2	57	1.5	4	.063														
257	1.2D + 1.5Lm19 ...	Y			1	1.2	57	1.5	5	.063														
258	1.2D + 1.5Lm19 ...	Y			1	1.2	57	1.5	6	.063														
259	1.2D + 1.5Lm19 ...	Y			1	1.2	57	1.5	7	.063														
260	1.2D + 1.5Lm19 ...	Y			1	1.2	57	1.5	8	.063														
261	1.2D + 1.5Lm19 ...	Y			1	1.2	57	1.5	9	.063														
262	1.2D + 1.5Lm19 ...	Y			1	1.2	57	1.5	10	.063														
263	1.2D + 1.5Lm19 ...	Y			1	1.2	57	1.5	11	.063														
264	1.2D + 1.5Lm19 ...	Y			1	1.2	57	1.5	12	.063														
265	1.2D + 1.5Lm19 ...	Y			1	1.2	57	1.5	13	.063														
266	1.2D + 1.5Lm20 ...	Y			1	1.2	58	1.5	2	.063														
267	1.2D + 1.5Lm20 ...	Y			1	1.2	58	1.5	3	.063														
268	1.2D + 1.5Lm20 ...	Y			1	1.2	58	1.5	4	.063														
269	1.2D + 1.5Lm20 ...	Y			1	1.2	58	1.5	5	.063														
270	1.2D + 1.5Lm20 ...	Y			1	1.2	58	1.5	6	.063														
271	1.2D + 1.5Lm20 ...	Y			1	1.2	58	1.5	7	.063														
272	1.2D + 1.5Lm20 ...	Y			1	1.2	58	1.5	8	.063														
273	1.2D + 1.5Lm20 ...	Y			1	1.2	58	1.5	9	.063														
274	1.2D + 1.5Lm20 ...	Y			1	1.2	58	1.5	10	.063														
275	1.2D + 1.5Lm20 ...	Y			1	1.2	58	1.5	11	.063														
276	1.2D + 1.5Lm20 ...	Y			1	1.2	58	1.5	12	.063														

Load Combinations (Continued)

	Description	Solve P...	SR...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
277	1.2D + 1.5Lm20 ...	Y		1	1.2	58	1.5	13	.063														
278	1.2D + 1.5Lm21 ...	Y		1	1.2	59	1.5	2	.063														
279	1.2D + 1.5Lm21 ...	Y		1	1.2	59	1.5	3	.063														
280	1.2D + 1.5Lm21 ...	Y		1	1.2	59	1.5	4	.063														
281	1.2D + 1.5Lm21 ...	Y		1	1.2	59	1.5	5	.063														
282	1.2D + 1.5Lm21 ...	Y		1	1.2	59	1.5	6	.063														
283	1.2D + 1.5Lm21 ...	Y		1	1.2	59	1.5	7	.063														
284	1.2D + 1.5Lm21 ...	Y		1	1.2	59	1.5	8	.063														
285	1.2D + 1.5Lm21 ...	Y		1	1.2	59	1.5	9	.063														
286	1.2D + 1.5Lm21 ...	Y		1	1.2	59	1.5	10	.063														
287	1.2D + 1.5Lm21 ...	Y		1	1.2	59	1.5	11	.063														
288	1.2D + 1.5Lm21 ...	Y		1	1.2	59	1.5	12	.063														
289	1.2D + 1.5Lm21 ...	Y		1	1.2	59	1.5	13	.063														
290	1.2D + 1.5Lm22 ...	Y		1	1.2	60	1.5	2	.063														
291	1.2D + 1.5Lm22 ...	Y		1	1.2	60	1.5	3	.063														
292	1.2D + 1.5Lm22 ...	Y		1	1.2	60	1.5	4	.063														
293	1.2D + 1.5Lm22 ...	Y		1	1.2	60	1.5	5	.063														
294	1.2D + 1.5Lm22 ...	Y		1	1.2	60	1.5	6	.063														
295	1.2D + 1.5Lm22 ...	Y		1	1.2	60	1.5	7	.063														
296	1.2D + 1.5Lm22 ...	Y		1	1.2	60	1.5	8	.063														
297	1.2D + 1.5Lm22 ...	Y		1	1.2	60	1.5	9	.063														
298	1.2D + 1.5Lm22 ...	Y		1	1.2	60	1.5	10	.063														
299	1.2D + 1.5Lm22 ...	Y		1	1.2	60	1.5	11	.063														
300	1.2D + 1.5Lm22 ...	Y		1	1.2	60	1.5	12	.063														
301	1.2D + 1.5Lm22 ...	Y		1	1.2	60	1.5	13	.063														
302	1.2D + 1.5Lm23 ...	Y		1	1.2	61	1.5	2	.063														
303	1.2D + 1.5Lm23 ...	Y		1	1.2	61	1.5	3	.063														
304	1.2D + 1.5Lm23 ...	Y		1	1.2	61	1.5	4	.063														
305	1.2D + 1.5Lm23 ...	Y		1	1.2	61	1.5	5	.063														
306	1.2D + 1.5Lm23 ...	Y		1	1.2	61	1.5	6	.063														
307	1.2D + 1.5Lm23 ...	Y		1	1.2	61	1.5	7	.063														
308	1.2D + 1.5Lm23 ...	Y		1	1.2	61	1.5	8	.063														
309	1.2D + 1.5Lm23 ...	Y		1	1.2	61	1.5	9	.063														
310	1.2D + 1.5Lm23 ...	Y		1	1.2	61	1.5	10	.063														
311	1.2D + 1.5Lm23 ...	Y		1	1.2	61	1.5	11	.063														
312	1.2D + 1.5Lm23 ...	Y		1	1.2	61	1.5	12	.063														
313	1.2D + 1.5Lm23 ...	Y		1	1.2	61	1.5	13	.063														
314	1.2D + 1.5Lm24 ...	Y		1	1.2	62	1.5	2	.063														
315	1.2D + 1.5Lm24 ...	Y		1	1.2	62	1.5	3	.063														
316	1.2D + 1.5Lm24 ...	Y		1	1.2	62	1.5	4	.063														
317	1.2D + 1.5Lm24 ...	Y		1	1.2	62	1.5	5	.063														
318	1.2D + 1.5Lm24 ...	Y		1	1.2	62	1.5	6	.063														
319	1.2D + 1.5Lm24 ...	Y		1	1.2	62	1.5	7	.063														
320	1.2D + 1.5Lm24 ...	Y		1	1.2	62	1.5	8	.063														
321	1.2D + 1.5Lm24 ...	Y		1	1.2	62	1.5	9	.063														
322	1.2D + 1.5Lm24 ...	Y		1	1.2	62	1.5	10	.063														
323	1.2D + 1.5Lm24 ...	Y		1	1.2	62	1.5	11	.063														
324	1.2D + 1.5Lm24 ...	Y		1	1.2	62	1.5	12	.063														
325	1.2D + 1.5Lm24 ...	Y		1	1.2	62	1.5	13	.063														
326	1.2D + 1.5Lm25 ...	Y		1	1.2	63	1.5	2	.063														
327	1.2D + 1.5Lm25 ...	Y		1	1.2	63	1.5	3	.063														
328	1.2D + 1.5Lm25 ...	Y		1	1.2	63	1.5	4	.063														
329	1.2D + 1.5Lm25 ...	Y		1	1.2	63	1.5	5	.063														
330	1.2D + 1.5Lm25 ...	Y		1	1.2	63	1.5	6	.063														
331	1.2D + 1.5Lm25 ...	Y		1	1.2	63	1.5	7	.063														
332	1.2D + 1.5Lm25 ...	Y		1	1.2	63	1.5	8	.063														
333	1.2D + 1.5Lm25 ...	Y		1	1.2	63	1.5	9	.063														

Load Combinations (Continued)

	Description	Solve	P...	SR...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
334	1.2D + 1.5Lm25 ...		Y		1	1.2	63	1.5	10	.063														
335	1.2D + 1.5Lm25 ...		Y		1	1.2	63	1.5	11	.063														
336	1.2D + 1.5Lm25 ...		Y		1	1.2	63	1.5	12	.063														
337	1.2D + 1.5Lm25 ...		Y		1	1.2	63	1.5	13	.063														
338	1.2D + 1.5Lm26 ...		Y		1	1.2	64	1.5	2	.063														
339	1.2D + 1.5Lm26 ...		Y		1	1.2	64	1.5	3	.063														
340	1.2D + 1.5Lm26 ...		Y		1	1.2	64	1.5	4	.063														
341	1.2D + 1.5Lm26 ...		Y		1	1.2	64	1.5	5	.063														
342	1.2D + 1.5Lm26 ...		Y		1	1.2	64	1.5	6	.063														
343	1.2D + 1.5Lm26 ...		Y		1	1.2	64	1.5	7	.063														
344	1.2D + 1.5Lm26 ...		Y		1	1.2	64	1.5	8	.063														
345	1.2D + 1.5Lm26 ...		Y		1	1.2	64	1.5	9	.063														
346	1.2D + 1.5Lm26 ...		Y		1	1.2	64	1.5	10	.063														
347	1.2D + 1.5Lm26 ...		Y		1	1.2	64	1.5	11	.063														
348	1.2D + 1.5Lm26 ...		Y		1	1.2	64	1.5	12	.063														
349	1.2D + 1.5Lm26 ...		Y		1	1.2	64	1.5	13	.063														
350	1.2D + 1.5Lm27 ...		Y		1	1.2	65	1.5	2	.063														
351	1.2D + 1.5Lm27 ...		Y		1	1.2	65	1.5	3	.063														
352	1.2D + 1.5Lm27 ...		Y		1	1.2	65	1.5	4	.063														
353	1.2D + 1.5Lm27 ...		Y		1	1.2	65	1.5	5	.063														
354	1.2D + 1.5Lm27 ...		Y		1	1.2	65	1.5	6	.063														
355	1.2D + 1.5Lm27 ...		Y		1	1.2	65	1.5	7	.063														
356	1.2D + 1.5Lm27 ...		Y		1	1.2	65	1.5	8	.063														
357	1.2D + 1.5Lm27 ...		Y		1	1.2	65	1.5	9	.063														
358	1.2D + 1.5Lm27 ...		Y		1	1.2	65	1.5	10	.063														
359	1.2D + 1.5Lm27 ...		Y		1	1.2	65	1.5	11	.063														
360	1.2D + 1.5Lm27 ...		Y		1	1.2	65	1.5	12	.063														
361	1.2D + 1.5Lm27 ...		Y		1	1.2	65	1.5	13	.063														
362	1.2D + 1.5Lm28 ...		Y		1	1.2	66	1.5	2	.063														
363	1.2D + 1.5Lm28 ...		Y		1	1.2	66	1.5	3	.063														
364	1.2D + 1.5Lm28 ...		Y		1	1.2	66	1.5	4	.063														
365	1.2D + 1.5Lm28 ...		Y		1	1.2	66	1.5	5	.063														
366	1.2D + 1.5Lm28 ...		Y		1	1.2	66	1.5	6	.063														
367	1.2D + 1.5Lm28 ...		Y		1	1.2	66	1.5	7	.063														
368	1.2D + 1.5Lm28 ...		Y		1	1.2	66	1.5	8	.063														
369	1.2D + 1.5Lm28 ...		Y		1	1.2	66	1.5	9	.063														
370	1.2D + 1.5Lm28 ...		Y		1	1.2	66	1.5	10	.063														
371	1.2D + 1.5Lm28 ...		Y		1	1.2	66	1.5	11	.063														
372	1.2D + 1.5Lm28 ...		Y		1	1.2	66	1.5	12	.063														
373	1.2D + 1.5Lm28 ...		Y		1	1.2	66	1.5	13	.063														
374	1.2D + 1.5Lm29 ...		Y		1	1.2	67	1.5	2	.063														
375	1.2D + 1.5Lm29 ...		Y		1	1.2	67	1.5	3	.063														
376	1.2D + 1.5Lm29 ...		Y		1	1.2	67	1.5	4	.063														
377	1.2D + 1.5Lm29 ...		Y		1	1.2	67	1.5	5	.063														
378	1.2D + 1.5Lm29 ...		Y		1	1.2	67	1.5	6	.063														
379	1.2D + 1.5Lm29 ...		Y		1	1.2	67	1.5	7	.063														
380	1.2D + 1.5Lm29 ...		Y		1	1.2	67	1.5	8	.063														
381	1.2D + 1.5Lm29 ...		Y		1	1.2	67	1.5	9	.063														
382	1.2D + 1.5Lm29 ...		Y		1	1.2	67	1.5	10	.063														
383	1.2D + 1.5Lm29 ...		Y		1	1.2	67	1.5	11	.063														
384	1.2D + 1.5Lm29 ...		Y		1	1.2	67	1.5	12	.063														
385	1.2D + 1.5Lm29 ...		Y		1	1.2	67	1.5	13	.063														
386	1.2D + 1.5Lm30 ...		Y		1	1.2	68	1.5	2	.063														
387	1.2D + 1.5Lm30 ...		Y		1	1.2	68	1.5	3	.063														
388	1.2D + 1.5Lm30 ...		Y		1	1.2	68	1.5	4	.063														
389	1.2D + 1.5Lm30 ...		Y		1	1.2	68	1.5	5	.063														
390	1.2D + 1.5Lm30 ...		Y		1	1.2	68	1.5	6	.063														

Load Combinations (Continued)

	Description	Solve	P...	SR...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
391	1.2D + 1.5Lm30 ...		Y		1	1.2	68	1.5	7	.063														
392	1.2D + 1.5Lm30 ...		Y		1	1.2	68	1.5	8	.063														
393	1.2D + 1.5Lm30 ...		Y		1	1.2	68	1.5	9	.063														
394	1.2D + 1.5Lm30 ...		Y		1	1.2	68	1.5	10	.063														
395	1.2D + 1.5Lm30 ...		Y		1	1.2	68	1.5	11	.063														
396	1.2D + 1.5Lm30 ...		Y		1	1.2	68	1.5	12	.063														
397	1.2D + 1.5Lm30 ...		Y		1	1.2	68	1.5	13	.063														
398	1.2D + 1.5Lm31 ...		Y		1	1.2	69	1.5	2	.063														
399	1.2D + 1.5Lm31 ...		Y		1	1.2	69	1.5	3	.063														
400	1.2D + 1.5Lm31 ...		Y		1	1.2	69	1.5	4	.063														
401	1.2D + 1.5Lm31 ...		Y		1	1.2	69	1.5	5	.063														
402	1.2D + 1.5Lm31 ...		Y		1	1.2	69	1.5	6	.063														
403	1.2D + 1.5Lm31 ...		Y		1	1.2	69	1.5	7	.063														
404	1.2D + 1.5Lm31 ...		Y		1	1.2	69	1.5	8	.063														
405	1.2D + 1.5Lm31 ...		Y		1	1.2	69	1.5	9	.063														
406	1.2D + 1.5Lm31 ...		Y		1	1.2	69	1.5	10	.063														
407	1.2D + 1.5Lm31 ...		Y		1	1.2	69	1.5	11	.063														
408	1.2D + 1.5Lm31 ...		Y		1	1.2	69	1.5	12	.063														
409	1.2D + 1.5Lm31 ...		Y		1	1.2	69	1.5	13	.063														
410	1.2D + 1.5Lm32 ...		Y		1	1.2	70	1.5	2	.063														
411	1.2D + 1.5Lm32 ...		Y		1	1.2	70	1.5	3	.063														
412	1.2D + 1.5Lm32 ...		Y		1	1.2	70	1.5	4	.063														
413	1.2D + 1.5Lm32 ...		Y		1	1.2	70	1.5	5	.063														
414	1.2D + 1.5Lm32 ...		Y		1	1.2	70	1.5	6	.063														
415	1.2D + 1.5Lm32 ...		Y		1	1.2	70	1.5	7	.063														
416	1.2D + 1.5Lm32 ...		Y		1	1.2	70	1.5	8	.063														
417	1.2D + 1.5Lm32 ...		Y		1	1.2	70	1.5	9	.063														
418	1.2D + 1.5Lm32 ...		Y		1	1.2	70	1.5	10	.063														
419	1.2D + 1.5Lm32 ...		Y		1	1.2	70	1.5	11	.063														
420	1.2D + 1.5Lm32 ...		Y		1	1.2	70	1.5	12	.063														
421	1.2D + 1.5Lm32 ...		Y		1	1.2	70	1.5	13	.063														
422	1.2D + 1.5Lm33 ...		Y		1	1.2	71	1.5	2	.063														
423	1.2D + 1.5Lm33 ...		Y		1	1.2	71	1.5	3	.063														
424	1.2D + 1.5Lm33 ...		Y		1	1.2	71	1.5	4	.063														
425	1.2D + 1.5Lm33 ...		Y		1	1.2	71	1.5	5	.063														
426	1.2D + 1.5Lm33 ...		Y		1	1.2	71	1.5	6	.063														
427	1.2D + 1.5Lm33 ...		Y		1	1.2	71	1.5	7	.063														
428	1.2D + 1.5Lm33 ...		Y		1	1.2	71	1.5	8	.063														
429	1.2D + 1.5Lm33 ...		Y		1	1.2	71	1.5	9	.063														
430	1.2D + 1.5Lm33 ...		Y		1	1.2	71	1.5	10	.063														
431	1.2D + 1.5Lm33 ...		Y		1	1.2	71	1.5	11	.063														
432	1.2D + 1.5Lm33 ...		Y		1	1.2	71	1.5	12	.063														
433	1.2D + 1.5Lm33 ...		Y		1	1.2	71	1.5	13	.063														
434	1.2D + 1.5Lm34 ...		Y		1	1.2	72	1.5	2	.063														
435	1.2D + 1.5Lm34 ...		Y		1	1.2	72	1.5	3	.063														
436	1.2D + 1.5Lm34 ...		Y		1	1.2	72	1.5	4	.063														
437	1.2D + 1.5Lm34 ...		Y		1	1.2	72	1.5	5	.063														
438	1.2D + 1.5Lm34 ...		Y		1	1.2	72	1.5	6	.063														
439	1.2D + 1.5Lm34 ...		Y		1	1.2	72	1.5	7	.063														
440	1.2D + 1.5Lm34 ...		Y		1	1.2	72	1.5	8	.063														
441	1.2D + 1.5Lm34 ...		Y		1	1.2	72	1.5	9	.063														
442	1.2D + 1.5Lm34 ...		Y		1	1.2	72	1.5	10	.063														
443	1.2D + 1.5Lm34 ...		Y		1	1.2	72	1.5	11	.063														
444	1.2D + 1.5Lm34 ...		Y		1	1.2	72	1.5	12	.063														
445	1.2D + 1.5Lm34 ...		Y		1	1.2	72	1.5	13	.063														
446	1.2D + 1.5Lm35 ...		Y		1	1.2	73	1.5	2	.063														
447	1.2D + 1.5Lm35 ...		Y		1	1.2	73	1.5	3	.063														

Load Combinations (Continued)

	Description	Solve	P...	SR...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
448	1.2D + 1.5Lm35 ...		Y		1	1.2	73	1.5	4	.063														
449	1.2D + 1.5Lm35 ...		Y		1	1.2	73	1.5	5	.063														
450	1.2D + 1.5Lm35 ...		Y		1	1.2	73	1.5	6	.063														
451	1.2D + 1.5Lm35 ...		Y		1	1.2	73	1.5	7	.063														
452	1.2D + 1.5Lm35 ...		Y		1	1.2	73	1.5	8	.063														
453	1.2D + 1.5Lm35 ...		Y		1	1.2	73	1.5	9	.063														
454	1.2D + 1.5Lm35 ...		Y		1	1.2	73	1.5	10	.063														
455	1.2D + 1.5Lm35 ...		Y		1	1.2	73	1.5	11	.063														
456	1.2D + 1.5Lm35 ...		Y		1	1.2	73	1.5	12	.063														
457	1.2D + 1.5Lm35 ...		Y		1	1.2	73	1.5	13	.063														
458	1.2D + 1.5Lm36 ...		Y		1	1.2	74	1.5	2	.063														
459	1.2D + 1.5Lm36 ...		Y		1	1.2	74	1.5	3	.063														
460	1.2D + 1.5Lm36 ...		Y		1	1.2	74	1.5	4	.063														
461	1.2D + 1.5Lm36 ...		Y		1	1.2	74	1.5	5	.063														
462	1.2D + 1.5Lm36 ...		Y		1	1.2	74	1.5	6	.063														
463	1.2D + 1.5Lm36 ...		Y		1	1.2	74	1.5	7	.063														
464	1.2D + 1.5Lm36 ...		Y		1	1.2	74	1.5	8	.063														
465	1.2D + 1.5Lm36 ...		Y		1	1.2	74	1.5	9	.063														
466	1.2D + 1.5Lm36 ...		Y		1	1.2	74	1.5	10	.063														
467	1.2D + 1.5Lm36 ...		Y		1	1.2	74	1.5	11	.063														
468	1.2D + 1.5Lm36 ...		Y		1	1.2	74	1.5	12	.063														
469	1.2D + 1.5Lm36 ...		Y		1	1.2	74	1.5	13	.063														
470	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	75	1.5																
471	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	76	1.5																
472	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	77	1.5																
473	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	78	1.5																
474	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	79	1.5																
475	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	80	1.5																
476	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	81	1.5																
477	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	82	1.5																
478	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	83	1.5																
479	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	84	1.5																
480	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	85	1.5																
481	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	86	1.5																
482	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	87	1.5																
483	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	88	1.5																
484	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	89	1.5																
485	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	90	1.5																
486	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	91	1.5																
487	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	92	1.5																
488	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	93	1.5																
489	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	94	1.5																
490	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	95	1.5																
491	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	96	1.5																
492	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	97	1.5																
493	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	98	1.5																
494	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	99	1.5																
495	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	100	1.5																
496	1.2D + 1.5Lv (P...	Yes	Y		1	1.2	101	1.5																
497	1.2D + 1.5Lv (P...		Y		1	1.2	102	1.5																
498	1.2D + 1.5Lv (P...		Y		1	1.2	103	1.5																
499	1.2D + 1.5Lv (P...		Y		1	1.2	104	1.5																
500	1.2D + 1.5Lv (P...		Y		1	1.2	105	1.5																
501	1.2D + 1.5Lv (P...		Y		1	1.2	106	1.5																
502	1.2D + 1.5Lv (P...		Y		1	1.2	107	1.5																
503	1.2D + 1.5Lv (P...		Y		1	1.2	108	1.5																
504	1.2D + 1.5Lv (P...		Y		1	1.2	109	1.5																

Load Combinations (Continued)

	Description	Solve	P...	SR...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
505	1.2D + 1.5Lv (P...		Y		1	1.2	110	1.5																
506	1.2D + 1.5Lv (P...		Y		1	1.2	111	1.5																
507	1.2D + 1.5Lv (P...		Y		1	1.2	112	1.5																
508	1.2D + 1.5Lv (P...		Y		1	1.2	113	1.5																
509	1.2D + 1.5Lv (P...		Y		1	1.2	114	1.5																
510	1.2D + 1.5Lv (P...		Y		1	1.2	115	1.5																
511	1.2D + 1.5Lv (P...		Y		1	1.2	116	1.5																
512	1.2D + 1.5Lv (P...		Y		1	1.2	117	1.5																
513	1.2D + 1.5Lv (P...		Y		1	1.2	118	1.5																
514	1.2D + 1.5Lv (P...		Y		1	1.2	119	1.5																
515	1.2D + 1.5Lv (P...		Y		1	1.2	120	1.5																
516	1.2D + 1.5Lv (P...		Y		1	1.2	121	1.5																
517	1.2D + 1.5Lv (P...		Y		1	1.2	122	1.5																
518	1.2D + 1.5Lv (P...		Y		1	1.2	123	1.5																
519	1.2D + 1.5Lv (P...		Y		1	1.2	124	1.5																
520	1.2D + 1.5Lv (P...		Y		1	1.2	125	1.5																
521	1.2D + 1.5Lv (P...		Y		1	1.2	126	1.5																
522	1.2D + 1.5Lv (P...		Y		1	1.2	127	1.5																
523	1.2D + 1.5Lv (P...		Y		1	1.2	128	1.5																
524	1.2D + 1.5Lv (P...		Y		1	1.2	129	1.5																
525	1.2D + 1.5Lv (P...		Y		1	1.2	130	1.5																
526	1.2D + 1.5Lv (P...		Y		1	1.2	131	1.5																
527	1.2D + 1.5Lv (P...		Y		1	1.2	132	1.5																
528	1.2D + 1.5Lv (P...		Y		1	1.2	133	1.5																
529	1.2D + 1.5Lv (P...		Y		1	1.2	134	1.5																
530	1.2D + 1.5Lv (P...		Y		1	1.2	135	1.5																
531	1.2D + 1.5Lv (P...		Y		1	1.2	136	1.5																
532	1.2D + 1.5Lv (P...		Y		1	1.2	137	1.5																
533	1.2D + 1.5Lv (P...		Y		1	1.2	138	1.5																
534	1.2D + 1.5Lv (P...		Y		1	1.2	139	1.5																
535	1.2D + 1.5Lv (P...		Y		1	1.2	140	1.5																
536	1.2D + 1.5Lv (P...		Y		1	1.2	141	1.5																
537	1.2D + 1.5Lv (P...		Y		1	1.2	142	1.5																
538	1.2D + 1.5Lv (P...		Y		1	1.2	143	1.5																
539	1.2D + 1.5Lv (P...		Y		1	1.2	144	1.5																
540	1.2D + 1.5Lv (P...		Y		1	1.2	145	1.5																
541	1.2D + 1.5Lv (P...		Y		1	1.2	146	1.5																
542	1.2D + 1.5Lv (P...		Y		1	1.2	147	1.5																
543	1.2D + 1.5Lv (P...		Y		1	1.2	148	1.5																
544	1.2D + 1.5Lv (P...		Y		1	1.2	149	1.5																
545	1.2D + 1.5Lv (P...		Y		1	1.2	150	1.5																
546	1.2D + 1.5Lv (P...		Y		1	1.2	151	1.5																
547	1.2D + 1.5Lv (P...		Y		1	1.2	152	1.5																
548	1.2D + 1.5Lv (P...		Y		1	1.2	153	1.5																
549	1.2D + 1.5Lv (P...		Y		1	1.2	154	1.5																
550	1.2D + 1.5Lv (P...		Y		1	1.2	155	1.5																
551	1.2D + 1.5Lv (P...		Y		1	1.2	156	1.5																
552	1.2D + 1.5Lv (P...		Y		1	1.2	157	1.5																
553	1.2D + 1.5Lv (P...		Y		1	1.2	158	1.5																
554	1.2D + 1.5Lv (P...		Y		1	1.2	159	1.5																
555	1.2D + 1.5Lv (P...		Y		1	1.2	160	1.5																
556	1.2D + 1.5Lv (P...		Y		1	1.2	161	1.5																
557	1.2D + 1.5Lv (P...		Y		1	1.2	162	1.5																
558	1.2D + 1.5Lv (P...		Y		1	1.2	163	1.5																
559	1.2D + 1.5Lv (P...		Y		1	1.2	164	1.5																
560	1.2D + 1.5Lv (P...		Y		1	1.2	165	1.5																
561	1.2D + 1.5Lv (P...		Y		1	1.2	166	1.5																

Load Combinations (Continued)

	Description	Solve P...	SR...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
562	1.2D + 1.5Lv (P...	Y		1	1.2	167	1.5																
563	1.2D + 1.5Lv (P...	Y		1	1.2	168	1.5																
564	1.2D + 1.5Lv (P...	Y		1	1.2	169	1.5																
565	1.2D + 1.5Lv (P...	Y		1	1.2	170	1.5																
566	1.2D + 1.5Lv (P...	Y		1	1.2	171	1.5																
567	1.2D + 1.5Lv (P...	Y		1	1.2	172	1.5																
568	1.2D + 1.5Lv (P...	Y		1	1.2	173	1.5																
569	1.2D + 1.5Lv (P...	Y		1	1.2	174	1.5																

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [lb-ft]	LC	MY [lb-ft]	LC	MZ [lb-ft]	LC
1	N258A	max	-3309.97	7	2810.085	18	26757.948	24	-375.644	12	883.855	8	-190.857	157
2		min	-15448.392	25	831.703	12	6231.218	6	-5818.07	18	-839.546	2	-3376.235	19
3	N259A	max	-3594.648	9	2768.265	22	-6433.667	10	5555.1	22	770.54	13	-322.809	160
4		min	-15323.894	15	893.991	184	-26683.285	16	710.905	4	-725.975	7	-3236.573	22
5	N257A	max	30686.261	20	2717.692	14	843.647	11	198.053	107	739.297	5	6128.474	14
6		min	7212.255	2	861.879	8	-758.904	5	-176.865	5	-822.568	11	591.174	8
7	Totals:	max	5007.667	8	8216.908	14	4783.223	11						
8		min	-5007.663	2	2997.059	8	-4783.225	5						

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

	Member	Shape	Code Check	Loc[in]	LC	Shear Ch...	Lo...	Dir	LC	phi*Pn...	phi*P...	phi*M...	phi*M...	Cb	Eqn
1	GRATE7	L1.5x2.5x4	.994	41.264	18	.087	13...	z	20	12929...	30375	469.106	1528....	1....	H2-1
2	GRATE1	L1.5x2.5x4	.994	41.263	14	.088	13...	z	16	12929...	30375	469.106	1531....	1....	H2-1
3	GRATE18	L1.5x2.5x4	.991	0	22	.074	13...	z	21	12929...	30375	469.106	1528....	1....	H2-1
4	GRATE6	L1.5x2.5x4	.984	0	14	.073	13...	z	25	12928...	30375	469.106	1526....	1....	H2-1
5	GRATE13	L1.5x2.5x4	.974	41.264	22	.086	13...	z	24	12928...	30375	469.106	1528....	1....	H2-1
6	GRATE12	L1.5x2.5x4	.965	0	18	.073	13...	z	17	12928...	30375	469.106	1525....	1....	H2-1
7	SA-BOT-2	HSS3X3X6	.771	0	19	.397	24...	y	19	12995...	140346	11212.5	1121...	1....	H1-1a
8	SA-BOT-3	HSS3X3X6	.748	0	21	.388	24...	y	21	12995...	140346	11212.5	1121...	2....	H1-1a
9	SA-BOT-1	HSS3X3X6	.718	0	15	.379	24...	y	15	12995...	140346	11212.5	1121...	2....	H1-1a
10	SA-TOP-2	HSS3X3X6	.707	20.417	19	.305	19...	y	18	12391...	140346	11212.5	1121...	2....	H1-1a
11	SA-TOP-3	HSS3X3X6	.695	20.416	24	.298	19...	y	22	12391...	140346	11212.5	1121...	2....	H1-1a
12	SA-TOP-1	HSS3X3X6	.682	20.417	24	.291	19...	y	14	12391...	140346	11212.5	1121...	2....	H1-1a
13	FM3	PIPE_3.0	.451	167.9...	19	.122	16...		18	22812...	65205	5748.75	5748....	2....	H1-1b
14	FM1	PIPE_3.0	.442	0	17	.119	0		19	22812...	65205	5748.75	5748....	2....	H1-1b
15	FM2	PIPE_3.0	.441	168.0...	21	.112	16...		23	22811...	65205	5748.75	5748....	2....	H1-1b
16	GRATE8	L1.5x2.5x4	.386	36.216	18	.418	0	z	21	29253...	30375	469.106	1597....	2....	H2-1
17	GRATE17	L1.5x2.5x4	.384	0	23	.541	12...	z	20	29253...	30375	469.106	1534....	1....	H2-1
18	GRATE2	L1.5x2.5x4	.380	36.216	14	.419	0	z	17	29253...	30375	469.106	1597....	2....	H2-1
19	GRATE11	L1.5x2.5x4	.379	0	19	.520	12...	z	16	29253...	30375	469.106	1536....	1....	H2-1
20	PL-BOT-2	PL6"x5/8" Pl...	.378	0	14	1.701	9.1...	y	15	93935...	121500	1582....	1518...	1....	H1-1b
21	PL-BOT-3	PL6"x5/8" Pl...	.374	12.613	18	1.701	3.4...	y	20	93939...	121500	1582....	1518...	1....	H1-1b
22	PL-BOT-1	PL6"x5/8" Pl...	.373	0	22	1.662	9.1...	y	24	93937...	121500	1582....	1518...	1....	H1-1b
23	GRATE14	L1.5x2.5x4	.371	36.217	22	.412	0	z	25	29253...	30375	469.106	1597....	2....	H2-1
24	GRATE5	L1.5x2.5x4	.369	0	14	.525	12...	z	24	29253...	30375	469.106	1531....	1....	H2-1
25	MP15	PIPE_2.0	.149	24.375	13	.023	24...		13	23808...	32130	1871....	1871....	2....	H1-1b
26	MP14	PIPE_2.0	.149	24.375	13	.023	24...		13	23808...	32130	1871....	1871....	2....	H1-1b
27	MP7	PIPE_2.0	.136	24.375	12	.019	24...		3	23808...	32130	1871....	1871....	1....	H1-1b
28	MP12	PIPE_2.0	.136	24.375	4	.019	24...		7	23808...	32130	1871....	1871....	1....	H1-1b
29	MP4	PIPE_2.0	.136	24.375	8	.019	24...		5	23808...	32130	1871....	1871....	1....	H1-1b
30	MP6	PIPE_2.0	.133	24.375	12	.017	24...		12	23808...	32130	1871....	1871....	1....	H1-1b
31	MP11	PIPE_2.0	.133	24.375	4	.017	24...		4	23808...	32130	1871....	1871....	1....	H1-1b
32	MP1	PIPE_2.0	.133	24.375	8	.017	24...		8	23808...	32130	1871....	1871....	1....	H1-1b

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

	Member	Shape	Code Check	Loc[in]	LC	Shear Ch...	Lo...	Dir	LC	phi*Pn...	phi*P...	phi*M...	phi*M...	Cb	Eqn
33	MP9	PIPE_2.0	.116	24.375	6	.017	24...		9	23808...	32130	1871....	1871....	1....	H1-1b
34	MP10	PIPE_2.0	.116	24.375	6	.017	24...		9	23808...	32130	1871....	1871....	1....	H1-1b
35	MP2	PIPE_2.0	.116	24.375	8	.017	24...		11	23808...	32130	1871....	1871....	1....	H1-1b
36	MP5	PIPE_2.0	.116	24.375	2	.017	24...		5	23808...	32130	1871....	1871....	1....	H1-1b
37	MP8	PIPE_2.0	.032	24.375	133	.004	24...		11	23808...	32130	1871....	1871....	1....	H1-...
38	MP13	PIPE_2.0	.032	24.375	193	.004	24...		11	23808...	32130	1871....	1871....	1....	H1-...
39	MP3	PIPE_2.0	.032	24.375	73	.004	24...		8	23808...	32130	1871....	1871....	1....	H1-...