STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
www.ct.gov/csc

VIA ELECTRONIC MAIL

November 15, 2019

Kristina Cottone
Smartlink, LLC
85 Rangeway Road, Building 3, Suite 102
North Billerica, MA 01862

RE: **EM-AT&T-029-191106** – AT&T Mobility, LLC notice of intent to modify an existing telecommunications facility located at 382 Colebrook River Road, Colebrook, Connecticut.

Dear Ms. Cottone:

The Connecticut Siting Council (Council) is in receipt of your correspondence of November 12, 2019, submitted in response to the Council's November 12, 2019 notification of an incomplete request for exempt modification with regard to the above-referenced matter.

The submission renders the request for exempt modification complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

Melanie A. Bachman
Executive Director

MAB/IN/emr

Robidoux, Evan

From: Kristina Cottone <kristina.cottone@smartlinkllc.com>
Sent: Tuesday, November 12, 2019 2:37 PM
To: Robidoux, Evan
Cc: CSC-DL Siting Council
Subject: RE: Council Incomplete Letter for EM-AT&T-029-191106 (382 Colebrook Road, Colebrook)
Attachments: 10113275_DE125_190819_CTL01254.pdf

Hi Evan,

Please see attached Mount Analysis. Let me know if you need anything else for this
Thank you,

smartlink

Kristina Cottone | Real Estate Specialist
Smartlink
85 Rangeway Road – Building 3 Suite 102
North Billerica MA, 01862
(m) 978.551.8627
Kristina.cottone@Smartlinkllc.com
smartlinkllc.com

Like Us on Facebook
Follow Us on Twitter
Connect with Us on LinkedIn

Proud Sponsor of the Chesapeake Bayhawks, 5-Time Major League Lacrosse Champions! www.thebayhawks.com

From: Robidoux, Evan <Evan.Robidoux@ct.gov>
Sent: Tuesday, November 12, 2019 11:29 AM
To: Kristina Cottone <kristina.cottone@smartlinkllc.com>
Cc: CSC-DL Siting Council <Siting.Council@ct.gov>
Subject: Council Incomplete Letter for EM-AT&T-029-191106 (382 Colebrook Road, Colebrook)

Please see the attached correspondence.

Evan Robidoux
Clerk Typist
Connecticut Siting Council

10 Franklin Square
New Britain, CT 06051

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless

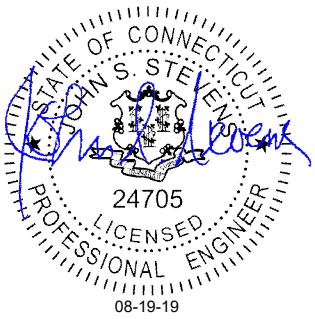
1033 WATERVLIET SHAKER RD, ALBANY, NY 12205

Mount Analysis Report

August 19, 2019

Site Name	Colebrook, CT Colebrook River Road
Site Number	CTL01254
FA Number	10113275
Client	Smartlink
Carrier	AT&T
PTN Number	2051A0Q9HQ/ 2051A0Q8S7/ 2051A0QAFN/ 2051A0Q8KN/ 2051A0Q7G6
PACE Number	MRCTB041471/ MRCTB041406/ MRCTB041573/ MRCTB041705/ MRCTB041556
Infinigy Job Number	1106-A0001-B
Site Location	382 Colebrook River Road, Colebrook, CT, 06021 41° 59’ 31.8” N NAD83 73° 02’ 22.8” W NAD83
Mount Type	Mount Platform
Mount Centerline E.L.	139.0 ft.
Mount Usage	**43.8%**
Overall Result	**Pass**

Upon reviewing the results of this analysis, it is our opinion that the mount meets the specified TIA code requirements. The mount and connections are therefore deemed adequate to support the final loading as listed in this report.



Ishan Patel, E.I.T
Project Engineer I

Contents

Introduction

Infinigy Engineering has been requested to perform a mount analysis on the existing AT&T mount. All supporting documents have been obtained from the client and are assumed to be accurate and applicable to this site. The mount was analyzed using RISA-3D Version 17.0.4 analysis software.

Supporting Documentation

Construction Drawings	Infinigy Engineering, Job #499-006, dated August 13, 2019
RFDS	AT&T ID #3133993, dated August 16, 2019
Mount Photos	Client provided, dated July 24, 2019

Analysis Code Requirements

Wind Speed	116 mph (3-Second Gust, V_{ULT})
Wind Speed w/ ice	50 mph (3-Second Gust, V_{ASD}) w/ 1.28" ice
TIA Revision	ANSI/TIA-222-H
Adopted IBC	2015 IBC/ 2018 Connecticut State Building Code
Structure Class	II
Exposure Category	B
Topographic Category	1
Calculated Crest Height	0 ft.
Specteral Response	S_s=0.175 g, S_1=0.065 g
Site Class	D=Stiff Soil (Assumed)

Conclusion

Upon reviewing the results of this analysis, it is our opinion that the mount meets the specified TIA code requirements. The mount and connections are therefore deemed adequate to support the final loading as listed in this report.

If you have any questions, require additional information, or actual conditions differ from those as detailed in this report please contact me via the information below:

Ishan Patel, M.S., E.I.T
Project Engineer I | INFINIGY
2500 W Higgins Road Suite 500, Hoffman Estates, IL 60169
(M) (832) -7167721
ipatel@infinigy.com | www.infinigy.com

Final Configuration Loading

Mount CL (ft)	Rad. HT (ft)	Verti. O/S (ft)	Hori. O/S (ft) [1]	Qty	Appurtenance [2], [3]	Carrier
139.0	139.0	0.0	11.0	3	POWERWAVE TECHNOLOGIES 7770.00	AT&T
			1.5, 6.0	6	CCI ANTENNAS DMP65R-BU4D	
			6.0	3	ERICSSON TME-RRUS 4478 B14	
			6.0	3	ERICSSON TME-RADIO 8843 B2/B66A	
			1.5	3	ERICSSON TME-RADIO 4449 B5/B12	
			11.0	3	COMMSCOPE LGP21401	
			11.0	3	COMMSCOPE LGP21401	
			--	3	RAYCAP TME-DC6	

(1) Horizontal Offset is defined as the distance from the left most edge of the mount face horizontal when viewed facing the tower.
(2) Radios are mounted behind antennas at respective locations see appended documents for vertical locations.
(3) Raycaps are mounted on the tower legs see appended documents for the exact location.

Structure Usages

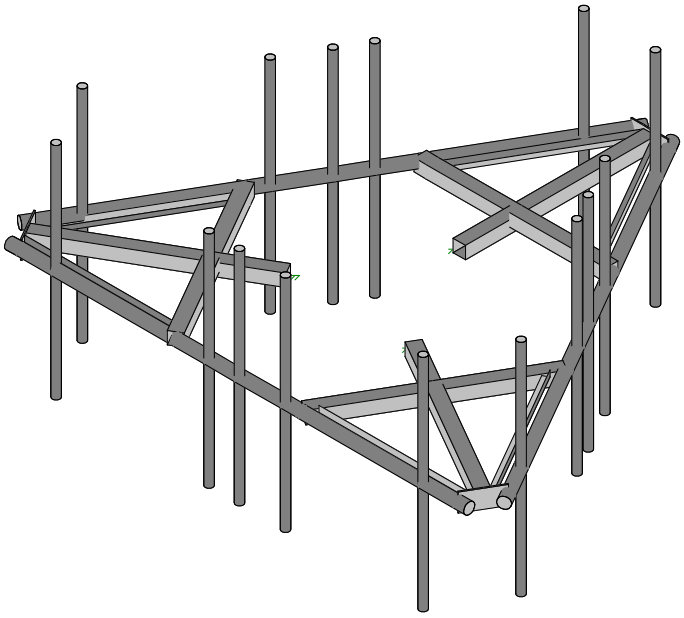
Stand-off	43.8%	Pass
Mount-Pipe	23.0%	Pass
Horizontal	14.1%	Pass
Results	**43.8%**	**Pass**

Assumptions and Limitations

Our structural calculations are completed assuming all information provided to Infinigy Engineering is accurate and applicable to this site. For the purposes of calculations, we assume an overall structure condition of "like new" and all members and connections to be free of corrosion and/or structural defects. The structure owner and/or contractor shall verify the structure's condition prior to installation of any proposed equipment. If actual conditions differ from those described in this report Infinigy Engineering should be notified immediately to complete a revised evaluation.

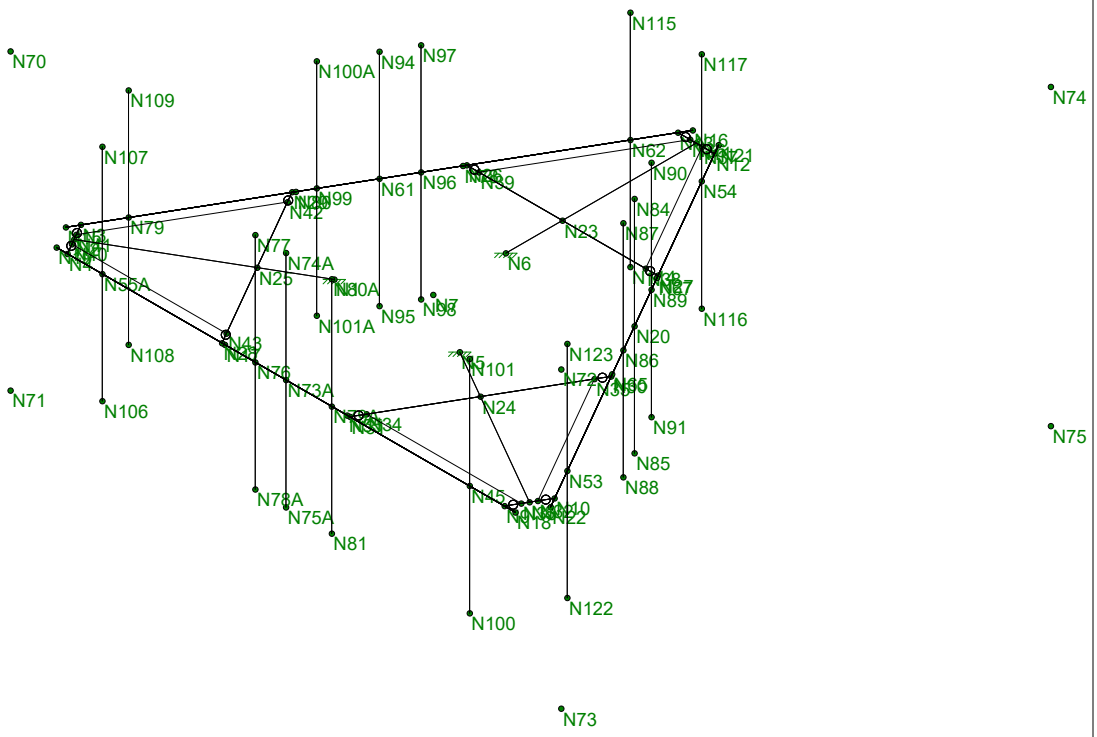
Our evaluation is completed using standard TIA, AISC, ACI, and ASCE methods and procedures. Our structural results are proprietary and should not be used by others as their own. Infinigy Engineering is not responsible for decisions made by others that are or are not based on our supplied assumptions and conclusions.

This report is an evaluation of the proposed carriers mount structure only and does not reflect adequacy of the existing tower, other mounts, or coax mounting attachments. These elements are assumed to be adequate for the purposes of this analysis and are assumed to have been installed per their manufacturer requirements.



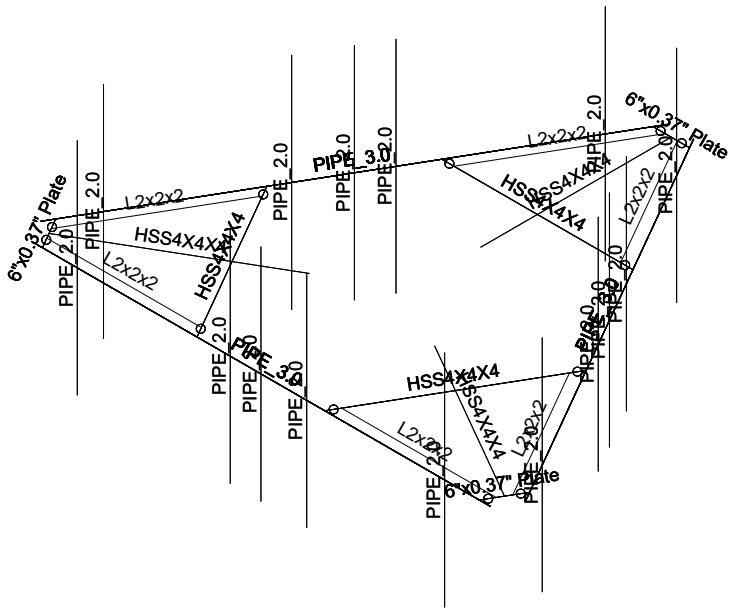
Envelope Only Solution

Infinigy Engineering	CTL01254	Existing Configuration
IP		Aug 16, 2019 at 3:27 PM
1106-A0001-B		CTL01254_RISA 3D_loaded.r3d



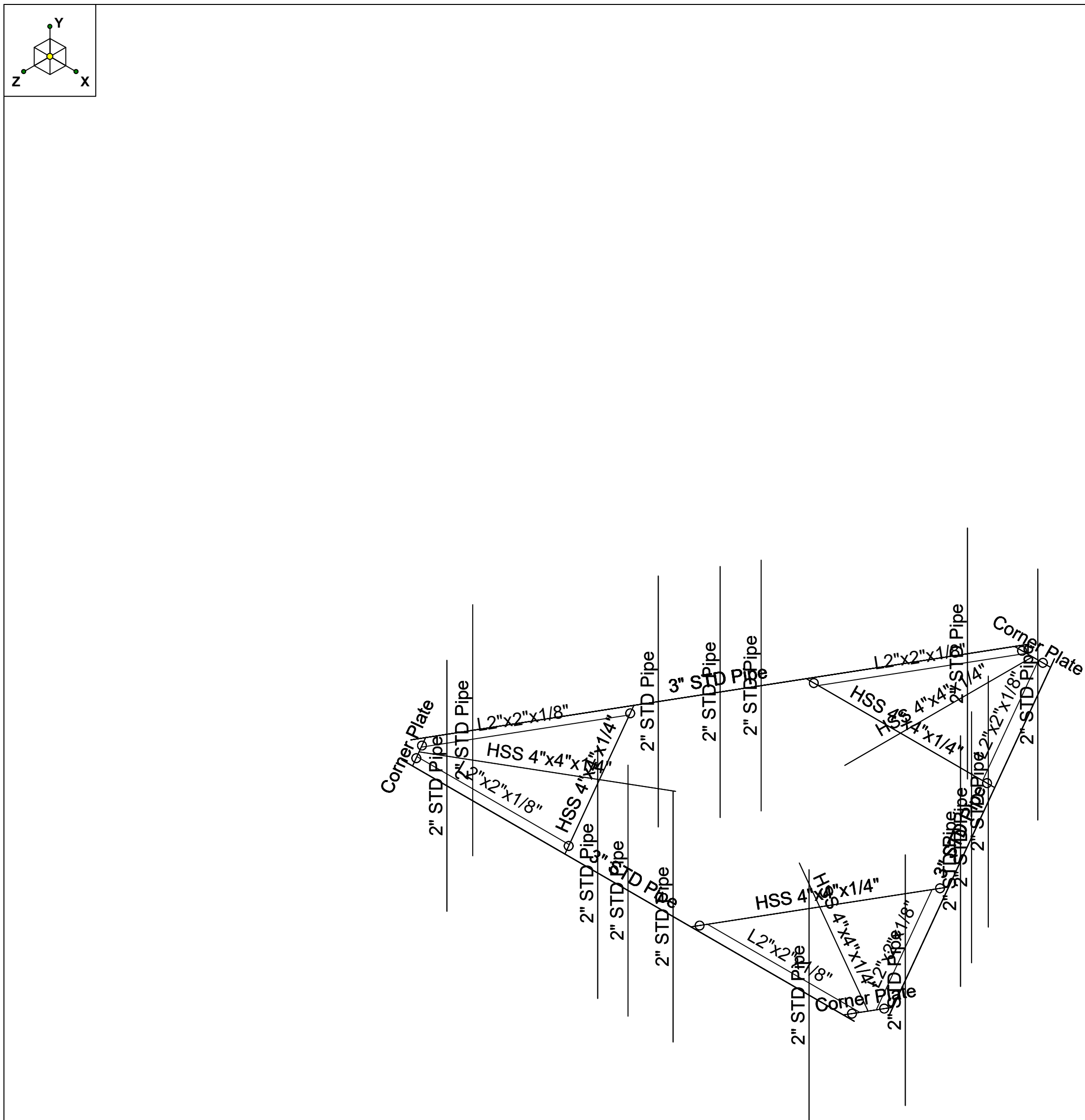
Envelope Only Solution

Infinigy Engineering	CTL01254	Existing Configuration
IP		Aug 16, 2019 at 3:27 PM
1106-A0001-B		CTL01254_RISA 3D_loaded.r3d



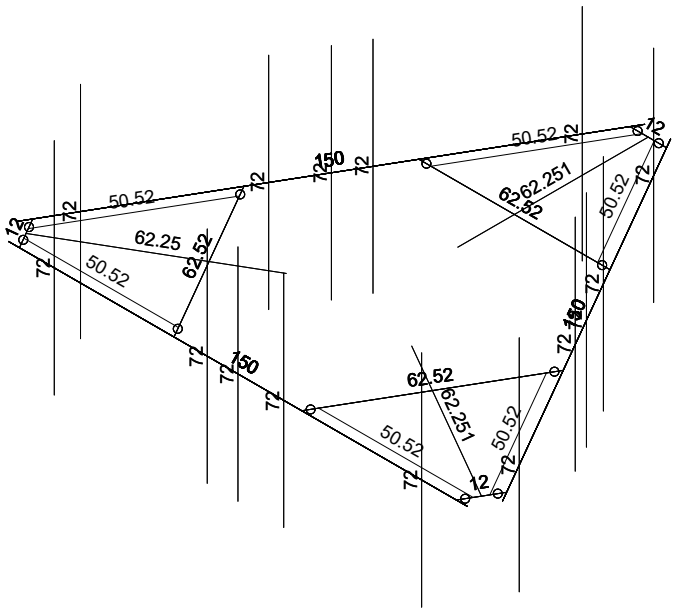
Envelope Only Solution

Infinigy Engineering	CTL01254	Existing Configuration
IP		Aug 16, 2019 at 3:27 PM
1106-A0001-B		CTL01254_RISA 3D_loaded.r3d



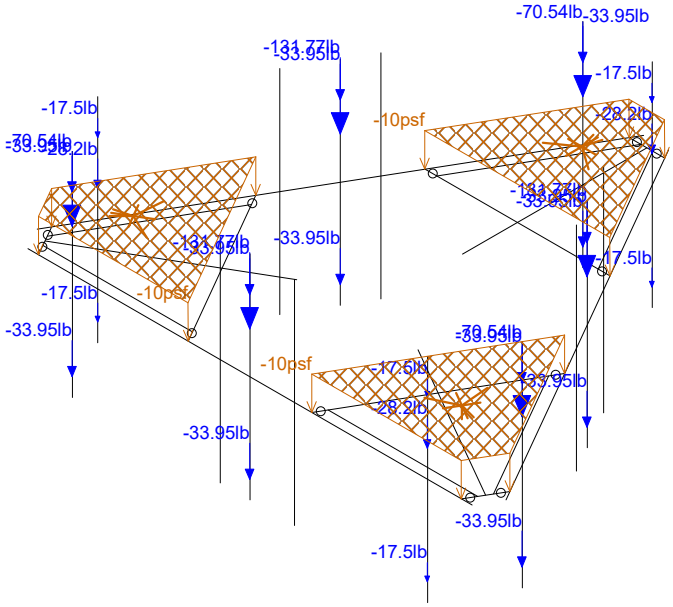
Envelope Only Solution

Infinigy Engineering	CTL01254	Existing Configuration
IP		Aug 16, 2019 at 3:27 PM
1106-A0001-B		CTL01254_RISA 3D_loaded.r3d



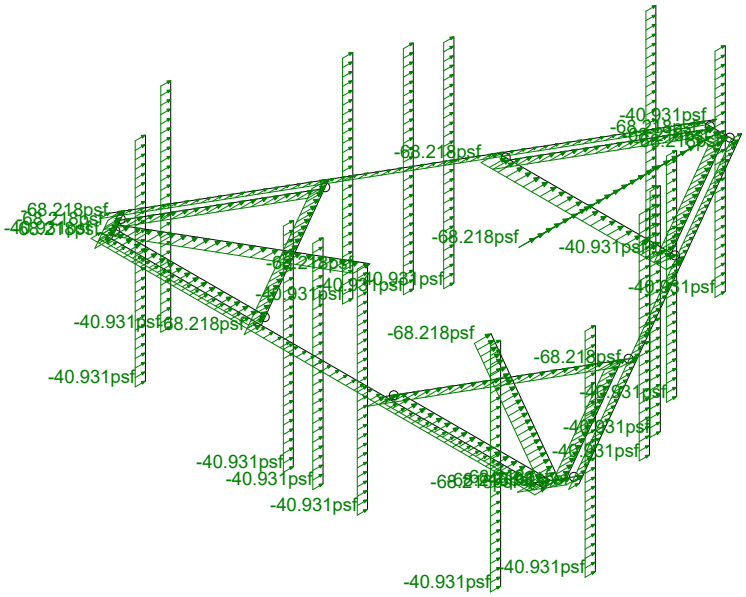
Member Length (in) Displayed
Envelope Only Solution

Infinigy Engineering	CTL01254	Existing Configuration
IP		Aug 16, 2019 at 3:27 PM
1106-A0001-B		CTL01254_RISA 3D_loaded.r3d



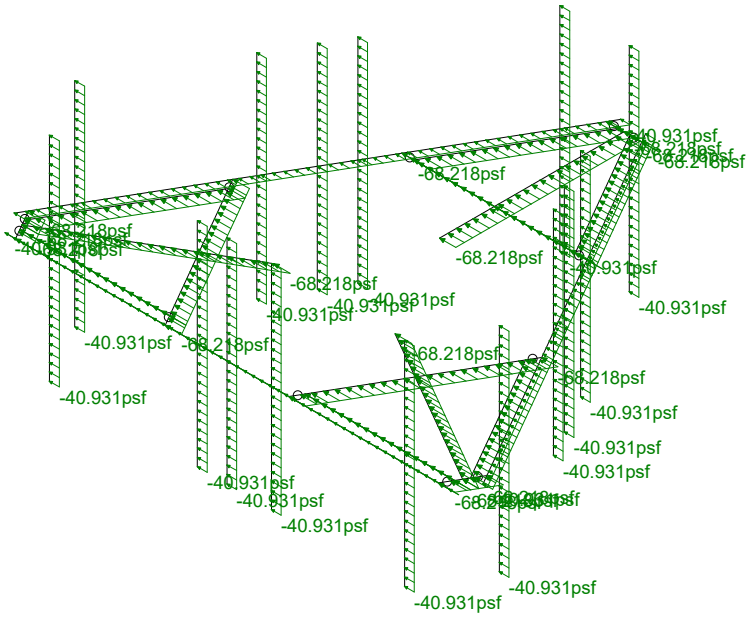
Loads: BLC 1, Self Weight
Envelope Only Solution

Infinigy Engineering	CTL01254	Existing Configuration
IP		Aug 19, 2019 at 12:47 PM
1106-A0001-B		CTL01254_RISA 3D_loaded.r3d



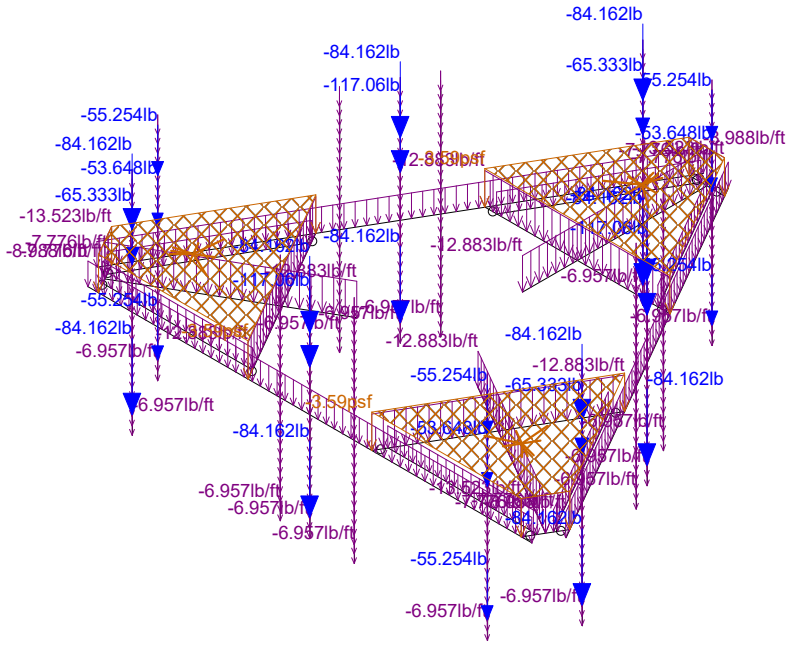
Loads: BLC 14, Distr. Wind Load Z
Envelope Only Solution

Infinigy Engineering	CTL01254	Existing Configuration
IP		Aug 19, 2019 at 12:46 PM
1106-A0001-B		CTL01254_RISA 3D_loaded.r3d



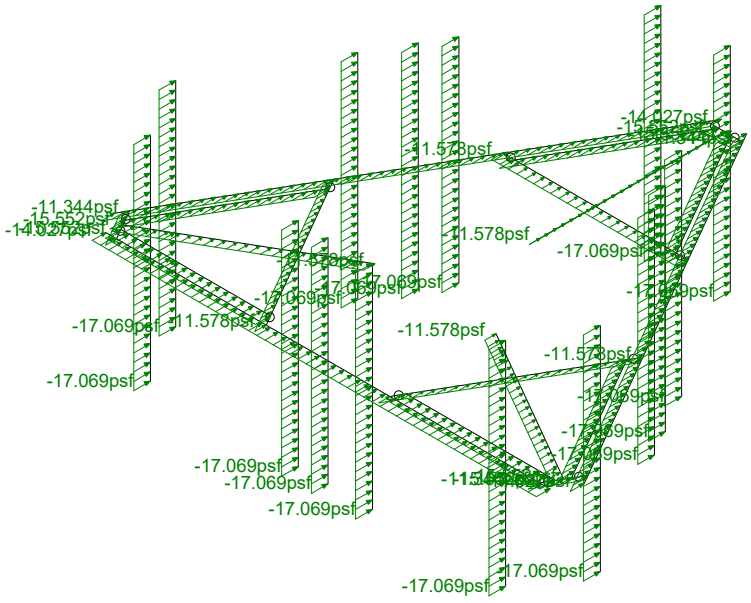
Loads: BLC 15, Distr. Wind Load X
Envelope Only Solution

Infinigy Engineering	CTL01254	Existing Configuration
IP		Aug 19, 2019 at 12:46 PM
1106-A0001-B		CTL01254_RISA 3D_loaded.r3d



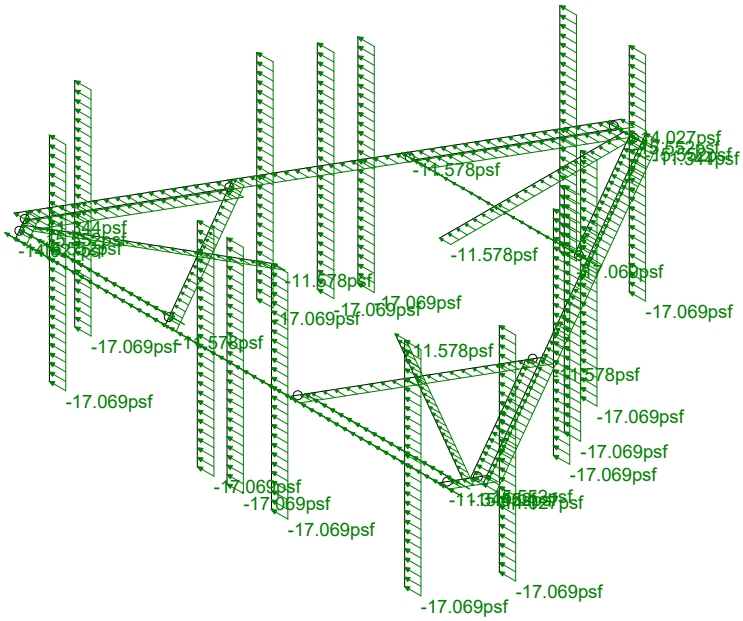
Loads: BLC 16, Ice Weight
Envelope Only Solution

Infinigy Engineering	CTL01254	Existing Configuration
IP		Aug 19, 2019 at 12:47 PM
1106-A0001-B		CTL01254_RISA 3D_loaded.r3d



Loads: BLC 29, Distr. Ice Wind Load Z
Envelope Only Solution

Infinigy Engineering	CTL01254	Existing Configuration
IP		Aug 19, 2019 at 12:46 PM
1106-A0001-B		CTL01254_RISA 3D_loaded.r3d



Loads: BLC 30, Distr. Ice Wind Load X
Envelope Only Solution

Infinigy Engineering	CTL01254	Existing Configuration
IP		Aug 19, 2019 at 12:46 PM
1106-A0001-B		CTL01254_RISA 3D_loaded.r3d

Program Inputs

Project Information		
Client:	Smartlink	
Carrier:	AT&T	
Engineer:	IP	

Infinigy Wind Load Calculator V1.0.0

Code Standards		
Building Code:	2015 IBC	
TIA Standard:	TIA-222-H	
ASCE Standard:	ASCE 7-10	

Mount Information		
Mount Type:	Platform	
Num Sectors:	3	
Centerline AGL:	139.0	ft
Roof Height AGL:	0	ft

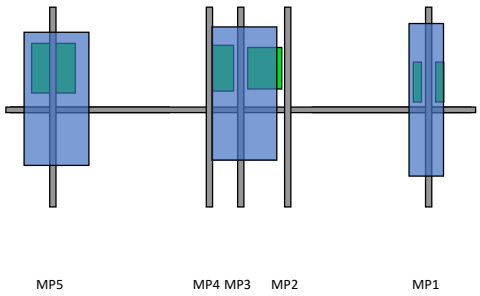
Site Information		
Risk Category:	II	
Exposure Category:	B	
Topo Category:	1	
Site Class:	D - Stiff Soil	
Ground Elevation:	1158	ft

Wind and Ice Data		
Ultimate Wind:	116	mph
Basic Wind:	116	mph
Ice Wind:	50	mph
Ice Thickness:	1.28	in

Topographic Data		
Topo Feature:	N/A	
Crest Height:	N/A	ft
Slope Distance:	N/A	ft
Crest Distance:	N/A	ft

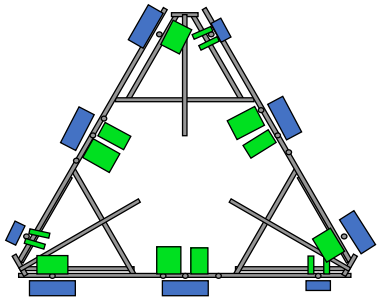
Seismic Data		
S_s:	0.175	g
S_1:	0.065	g
a_p:	1	
R_p:	2.5	
Ω_o:	1	
S_{DS}:	0.186666667	
S_{D1}:	0.104	
F_a:	1.6	
F_v:	2.4	

Elevation View



*Alpha Sector Only, Facing Tower

Plan View



*Alpha Sector at Bottom

Appurtenance Information**

Appurtenance Name	Elevation	Qty.	q_z (psf)	EPA_N (ft^2)	EPA_T (ft^2)	Wind F_z (lbs)	Wind F_x (lbs)	Weight (lbs)	Seismic F (lbs)	Member (α sector)
)WERWAVE TECHNOLOGIES 7770.	139.0	3	34.11	5.51	2.93	169.10	89.89	35.00	3.27	MP1
CCI ANTENNAS DMP65R-BU4D	139.0	3	34.11	8.28	3.51	254.18	107.63	67.90	6.34	MP3
CCI ANTENNAS DMP65R-BU4D	139.0	3	34.11	8.28	3.51	254.18	107.63	67.90	6.34	MP5
ERICSSON TME-RRUS 4478 B14	139.0	3	34.11	1.84	1.06	56.56	32.50	59.90	5.59	MP3
RICSSON TME-RADIO 8843 B2/B66	139.0	3	34.11	1.74	1.36	53.46	41.71	71.87	6.71	MP3
ERICSSON TME-RADIO 4449 B5/B12	139.0	3	34.11	2.09	1.41	64.01	43.25	70.54	6.58	MP5
COMMSCOPE LGP21401	139.0	3	34.11	1.10	0.35	33.89	10.66	14.10	1.32	MP1
COMMSCOPE LGP21401	139.0	3	34.11	1.10	0.35	33.89	10.66	14.10	1.32	MP1
RAYCAP TME-DC6	139.0	3	34.11	0.78	0.36	23.98	10.97	38.00	3.55	Leg/Flush

**Dish calculations differ from those in display

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			HSS 4"x4"x1/4"	Beam	None	A53 Gr.B	Typical
2	M2	N3	N4			Corner Plate	Beam	None	A53 Gr.B	Typical
3	M3	N5	N8			HSS 4"x4"x1/4"	Beam	None	A53 Gr.B	Typical
4	M4	N9	N10			Corner Plate	Beam	None	A53 Gr.B	Typical
5	M5	N6	N11			HSS 4"x4"x1/4"	Beam	None	A53 Gr.B	Typical
6	M6	N12	N13			Corner Plate	Beam	None	A53 Gr.B	Typical
7	M7	N16	N15			3" STD Pipe	Beam	None	A53 Gr.B	Typical
8	M8	N19	N18			3" STD Pipe	Beam	None	A53 Gr.B	Typical
9	M9	N22	N21			3" STD Pipe	Beam	None	A53 Gr.B	Typical
10	M10	N26	N27			HSS 4"x4"x1/4"	Beam	None	A53 Gr.B	Typical
11	M11	N28	N29			HSS 4"x4"x1/4"	Beam	None	A53 Gr.B	Typical
12	M12	N30	N31			HSS 4"x4"x1/4"	Beam	None	A53 Gr.B	Typical
13	M13	N33	N34			L2"x2"x1/8"	Beam	None	A36 Gr.36	Typical
14	M14	N32	N35		270	L2"x2"x1/8"	Beam	None	A36 Gr.36	Typical
15	M15	N37	N38			L2"x2"x1/8"	Beam	None	A36 Gr.36	Typical
16	M16	N36	N39		270	L2"x2"x1/8"	Beam	None	A36 Gr.36	Typical
17	M17	N41	N42			L2"x2"x1/8"	Beam	None	A36 Gr.36	Typical
18	M18	N40	N43		270	L2"x2"x1/8"	Beam	None	A36 Gr.36	Typical
19	MP1	N100	N101			2" STD Pipe	Beam	None	A53 Gr.B	Typical
20	MP5	N106	N107			2" STD Pipe	Beam	None	A53 Gr.B	Typical
21	MP11	N116	N117			2" STD Pipe	Beam	None	A53 Gr.B	Typical
22	MP15	N122	N123			2" STD Pipe	Beam	None	A53 Gr.B	Typical
23	MP6	N108	N109			2" STD Pipe	Beam	None	A53 Gr.B	Typical
24	MP10	N114	N115			2" STD Pipe	Beam	None	A53 Gr.B	Typical
25	MP3	N75A	N74A			2" STD Pipe	Beam	None	A53 Gr.B	Typical
26	MP4	N78A	N77			2" STD Pipe	Beam	None	A53 Gr.B	Typical
27	MP2	N81	N80A			2" STD Pipe	Beam	None	A53 Gr.B	Typical
28	MP13	N85	N84			2" STD Pipe	Beam	None	A53 Gr.B	Typical
29	MP14	N88	N87			2" STD Pipe	Beam	None	A53 Gr.B	Typical
30	MP12	N91	N90			2" STD Pipe	Beam	None	A53 Gr.B	Typical
31	MP8	N95	N94			2" STD Pipe	Beam	None	A53 Gr.B	Typical
32	MP9	N98	N97			2" STD Pipe	Beam	None	A53 Gr.B	Typical
33	MP7	N101A	N100A			2" STD Pipe	Beam	None	A53 Gr.B	Typical

Material Takeoff

	Material	Size	Pieces	Length[in]	Weight[K]
1	Hot Rolled Steel				
2	A36 Gr.36	L2x2x2	6	303.1	.042
3	A53 Gr.B	6"x0.37" Plate	3	36	.023
4	A53 Gr.B	HSS4X4X4	6	374.3	.358
5	A53 Gr.B	PIPE_2.0	15	1080	.312
6	A53 Gr.B	PIPE_3.0	3	450	.264
7	Total HR Steel		33	2243.4	.999

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Self Weight	DL		-1			33		3	
2	Wind Load AZI 0	WLZ					66			
3	Wind Load AZI 30	None					66			
4	Wind Load AZI 60	None					66			
5	Wind Load AZI 90	WLX					66			
6	Wind Load AZI 120	None					66			
7	Wind Load AZI 150	None					66			

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
8	Wind Load AZI 180	None					66			
9	Wind Load AZI 210	None					66			
10	Wind Load AZI 240	None					66			
11	Wind Load AZI 270	None					66			
12	Wind Load AZI 300	None					66			
13	Wind Load AZI 330	None					66			
14	Distr. Wind Load Z	WLZ						33		
15	Distr. Wind Load X	WLX						33		
16	Ice Weight	OL1					33	33	3	
17	Ice Wind Load AZI 0	OL2					66			
18	Ice Wind Load AZI 30	None					66			
19	Ice Wind Load AZI 60	None					66			
20	Ice Wind Load AZI 90	OL3					66			
21	Ice Wind Load AZI 120	None					66			
22	Ice Wind Load AZI 150	None					66			
23	Ice Wind Load AZI 180	None					66			
24	Ice Wind Load AZI 210	None					66			
25	Ice Wind Load AZI 240	None					66			
26	Ice Wind Load AZI 270	None					66			
27	Ice Wind Load AZI 300	None					66			
28	Ice Wind Load AZI 330	None					66			
29	Distr. Ice Wind Load Z	OL2						33		
30	Distr. Ice Wind Load X	OL3						33		
31	Seismic Load Z	ELZ			-.093		33			
32	Seismic Load X	ELX	-.093				33			
33	Service Live Loads	None								
34	Maintenance Load 1	None				1				
35	Maintenance Load 2	None				1				
36	Maintenance Load 3	None				1				
37	Maintenance Load 4	None				1				
38	Maintenance Load 5	None				1				
39	Maintenance Load 6	None				1				
40	Maintenance Load 7	None				1				
41	Maintenance Load 8	None				1				
42	Maintenance Load 9	None				1				
43	Maintenance Load 10	None				1				
44	Maintenance Load 11	None				1				
45	Maintenance Load 12	None				1				
46	Maintenance Load 13	None				1				
47	Maintenance Load 14	None				1				
48	Maintenance Load 15	None				1				
49	BLC 1 Transient Area Loads	None						100		
50	BLC 16 Transient Area Loads	None						100		

Load Combinations

	Description	Solve	PDelta	S...	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Fa..... ... .
1	1.4DL	Yes	Y		1	1.4						
2	1.2DL + 1WL AZI 0	Yes	Y		1	1.2	2	1	14	1	15	
3	1.2DL + 1WL AZI 30	Yes	Y		1	1.2	3	1	14	.866	15	.5
4	1.2DL + 1WL AZI 60	Yes	Y		1	1.2	4	1	14	.5	15	.866
5	1.2DL + 1WL AZI 90	Yes	Y		1	1.2	5	1	14		15	1
6	1.2DL + 1WL AZI 120	Yes	Y		1	1.2	6	1	14	-.5	15	.866
7	1.2DL + 1WL AZI 150	Yes	Y		1	1.2	7	1	14	-.866	15	.5
8	1.2DL + 1WL AZI 180	Yes	Y		1	1.2	8	1	14	-1	15	
9	1.2DL + 1WL AZI 210	Yes	Y		1	1.2	9	1	14	-.866	15	-.5

Load Combinations (Continued)

	Description	Solve	PDelta	S...	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Fa...
10	1.2DL + 1WL AZI 240	Yes	Y		1	1.2	10	1	14	-.5	15	-.8...
11	1.2DL + 1WL AZI 270	Yes	Y		1	1.2	11	1	14		15	-1
12	1.2DL + 1WL AZI 300	Yes	Y		1	1.2	12	1	14	.5	15	-.8...
13	1.2DL + 1WL AZI 330	Yes	Y		1	1.2	13	1	14	.866	15	-.5
14	0.9DL + 1WL AZI 0	Yes	Y		1	.9	2	1	14	1	15	
15	0.9DL + 1WL AZI 30	Yes	Y		1	.9	3	1	14	.866	15	.5
16	0.9DL + 1WL AZI 60	Yes	Y		1	.9	4	1	14	.5	15	.866
17	0.9DL + 1WL AZI 90	Yes	Y		1	.9	5	1	14		15	1
18	0.9DL + 1WL AZI 120	Yes	Y		1	.9	6	1	14	-.5	15	.866
19	0.9DL + 1WL AZI 150	Yes	Y		1	.9	7	1	14	-.866	15	.5
20	0.9DL + 1WL AZI 180	Yes	Y		1	.9	8	1	14	-1	15	
21	0.9DL + 1WL AZI 210	Yes	Y		1	.9	9	1	14	-.866	15	-.5
22	0.9DL + 1WL AZI 240	Yes	Y		1	.9	10	1	14	-.5	15	-.8...
23	0.9DL + 1WL AZI 270	Yes	Y		1	.9	11	1	14		15	-1
24	0.9DL + 1WL AZI 300	Yes	Y		1	.9	12	1	14	.5	15	-.8...
25	0.9DL + 1WL AZI 330	Yes	Y		1	.9	13	1	14	.866	15	-.5
26	1.2D + 1.0Di	Yes	Y		1	1.2	16	1				
27	1.2D + 1.0Di +1.0Wi AZI 0	Yes	Y		1	1.2	16	1	17	1	29	1 ...
28	1.2D + 1.0Di +1.0Wi AZI 30	Yes	Y		1	1.2	16	1	18	1	29	.866 5
29	1.2D + 1.0Di +1.0Wi AZI 60	Yes	Y		1	1.2	16	1	19	1	29	.5 ... ...
30	1.2D + 1.0Di +1.0Wi AZI 90	Yes	Y		1	1.2	16	1	20	1	29	... 1
31	1.2D + 1.0Di +1.0Wi AZI 1...	Yes	Y		1	1.2	16	1	21	1	29	-.5 ... ...
32	1.2D + 1.0Di +1.0Wi AZI 1...	Yes	Y		1	1.2	16	1	22	1	29	-.8..... .5
33	1.2D + 1.0Di +1.0Wi AZI 1...	Yes	Y		1	1.2	16	1	23	1	29	-1 ...
34	1.2D + 1.0Di +1.0Wi AZI 2...	Yes	Y		1	1.2	16	1	24	1	29	-.8..... -...
35	1.2D + 1.0Di +1.0Wi AZI 2...	Yes	Y		1	1.2	16	1	25	1	29	-.5 ... -...
36	1.2D + 1.0Di +1.0Wi AZI 2...	Yes	Y		1	1.2	16	1	26	1	29	... -1
37	1.2D + 1.0Di +1.0Wi AZI 3...	Yes	Y		1	1.2	16	1	27	1	29	.5 ... -...
38	1.2D + 1.0Di +1.0Wi AZI 3...	Yes	Y		1	1.2	16	1	28	1	29	.866 ... -...
39	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.237	31	1	32			
40	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.237	31	.866	32	.5		
41	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.237	31	.5	32	.866		
42	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.237	31		32	1		
43	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.237	31	-.5	32	.866		
44	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.237	31	-.866	32	.5		
45	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.237	31	-1	32			
46	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.237	31	-.866	32	-.5		
47	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.237	31	-.5	32	-.866		
48	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.237	31		32	-1		
49	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.237	31	.5	32	-.866		
50	(1.2 + 0.2Sds)DL + 1.0E A...	Yes	Y		1	1.237	31	.866	32	-.5		
51	(0.9 - 0.2Sds)DL + 1.0E A...	Yes	Y		1	.863	31	1	32			
52	(0.9 - 0.2Sds)DL + 1.0E A...	Yes	Y		1	.863	31	.866	32	.5		
53	(0.9 - 0.2Sds)DL + 1.0E A...	Yes	Y		1	.863	31	.5	32	.866		
54	(0.9 - 0.2Sds)DL + 1.0E A...	Yes	Y		1	.863	31		32	1		
55	(0.9 - 0.2Sds)DL + 1.0E A...	Yes	Y		1	.863	31	-.5	32	.866		
56	(0.9 - 0.2Sds)DL + 1.0E A...	Yes	Y		1	.863	31	-.866	32	.5		
57	(0.9 - 0.2Sds)DL + 1.0E A...	Yes	Y		1	.863	31	-1	32			
58	(0.9 - 0.2Sds)DL + 1.0E A...	Yes	Y		1	.863	31	-.866	32	-.5		
59	(0.9 - 0.2Sds)DL + 1.0E A...	Yes	Y		1	.863	31	-.5	32	-.866		
60	(0.9 - 0.2Sds)DL + 1.0E A...	Yes	Y		1	.863	31		32	-1		
61	(0.9 - 0.2Sds)DL + 1.0E A...	Yes	Y		1	.863	31	.5	32	-.866		
62	(0.9 - 0.2Sds)DL + 1.0E A...	Yes	Y		1	.863	31	.866	32	-.5		
63	1.0DL + 1.0SWL (60 mph)...	Yes	Y		1	1	2	.268	14	.268	15	
64	1.0DL + 1.0SWL (60 mph)...	Yes	Y		1	1	3	.268	14	.232	15	.134
65	1.0DL + 1.0SWL (60 mph)...	Yes	Y		1	1	4	.268	14	.134	15	.232
66	1.0DL + 1.0SWL (60 mph)...	Yes	Y		1	1	5	.268	14		15	.268

Load Combinations (Continued)

	Description	Solve	PDelta	S...	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Fa...	...	...
67	1.0DL + 1.0SWL (60 mph)...	Yes	Y		1	1	6	.268	14	-.134	15	.232		
68	1.0DL + 1.0SWL (60 mph)...	Yes	Y		1	1	7	.268	14	-.232	15	.134		
69	1.0DL + 1.0SWL (60 mph)...	Yes	Y		1	1	8	.268	14	-.268	15			
70	1.0DL + 1.0SWL (60 mph)...	Yes	Y		1	1	9	.268	14	-.232	15	-.1...		
71	1.0DL + 1.0SWL (60 mph)...	Yes	Y		1	1	10	.268	14	-.134	15	-.2...		
72	1.0DL + 1.0SWL (60 mph)...	Yes	Y		1	1	11	.268	14		15	-.2...		
73	1.0DL + 1.0SWL (60 mph)...	Yes	Y		1	1	12	.268	14	.134	15	-.2...		
74	1.0DL + 1.0SWL (60 mph)...	Yes	Y		1	1	13	.268	14	.232	15	-.1...		
75	1.2DL + 1.5LL	Yes	Y		1	1.2	33	1.5						
76	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	2	.067	14	.067	...	
77	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	3	.067	14	.058	...	...
78	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	4	.067	14	.033	...	...
79	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	5	.067	14		...	...
80	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	6	.067	14	-.0...	...	...
81	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	7	.067	14	-.0...	...	...
82	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	8	.067	14	-.0...	...	
83	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	9	.067	14	-.0...	...	-...
84	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	10	.067	14	-.0...	...	-...
85	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	11	.067	14		...	-...
86	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	12	.067	14	.033	...	-...
87	1.2DL + 1.5LM-MP1 + 1S...	Yes	Y		1	1.2	34	1.5	13	.067	14	.058	...	-...
88	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	2	.067	14	.067	...	
89	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	3	.067	14	.058	...	...
90	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	4	.067	14	.033	...	...
91	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	5	.067	14		...	...
92	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	6	.067	14	-.0...	...	...
93	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	7	.067	14	-.0...	...	...
94	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	8	.067	14	-.0...	...	
95	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	9	.067	14	-.0...	...	-...
96	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	10	.067	14	-.0...	...	-...
97	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	11	.067	14		...	-...
98	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	12	.067	14	.033	...	-...
99	1.2DL + 1.5LM-MP2 + 1S...	Yes	Y		1	1.2	35	1.5	13	.067	14	.058	...	-...
100	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	2	.067	14	.067	...	
101	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	3	.067	14	.058	...	...
102	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	4	.067	14	.033	...	...
103	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	5	.067	14		...	...
104	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	6	.067	14	-.0...	...	...
105	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	7	.067	14	-.0...	...	...
106	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	8	.067	14	-.0...	...	
107	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	9	.067	14	-.0...	...	-...
108	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	10	.067	14	-.0...	...	-...
109	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	11	.067	14		...	-...
110	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	12	.067	14	.033	...	-...
111	1.2DL + 1.5LM-MP3 + 1S...	Yes	Y		1	1.2	36	1.5	13	.067	14	.058	...	-...
112	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	2	.067	14	.067	...	
113	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	3	.067	14	.058	...	...
114	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	4	.067	14	.033	...	...
115	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	5	.067	14		...	...
116	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	6	.067	14	-.0...	...	...
117	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	7	.067	14	-.0...	...	...
118	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	8	.067	14	-.0...	...	
119	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	9	.067	14	-.0...	...	-...
120	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	10	.067	14	-.0...	...	-...
121	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	11	.067	14		...	-...
122	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	12	.067	14	.033	...	-...
123	1.2DL + 1.5LM-MP4 + 1S...	Yes	Y		1	1.2	37	1.5	13	.067	14	.058	...	-...

Load Combinations (Continued)

	Description	Solve	PDelta	S...	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Fa...	...	...
124	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	2	.067	14	.067	...	
125	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	3	.067	14	.058	...	...
126	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	4	.067	14	.033	...	...
127	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	5	.067	14		...	...
128	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	6	.067	14	-.0...	...	...
129	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	7	.067	14	-.0...	...	...
130	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	8	.067	14	-.0...	...	
131	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	9	.067	14	-.0...	...	-...
132	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	10	.067	14	-.0...	...	-...
133	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	11	.067	14		...	-...
134	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	12	.067	14	.033	...	-...
135	1.2DL + 1.5LM-MP5 + 1S...	Yes	Y		1	1.2	38	1.5	13	.067	14	.058	...	-...
136	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	2	.067	14	.067	...	
137	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	3	.067	14	.058	...	...
138	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	4	.067	14	.033	...	...
139	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	5	.067	14		...	...
140	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	6	.067	14	-.0...	...	...
141	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	7	.067	14	-.0...	...	...
142	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	8	.067	14	-.0...	...	
143	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	9	.067	14	-.0...	...	-...
144	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	10	.067	14	-.0...	...	-...
145	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	11	.067	14		...	-...
146	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	12	.067	14	.033	...	-...
147	1.2DL + 1.5LM-MP6 + 1S...	Yes	Y		1	1.2	39	1.5	13	.067	14	.058	...	-...
148	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	2	.067	14	.067	...	
149	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	3	.067	14	.058	...	...
150	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	4	.067	14	.033	...	...
151	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	5	.067	14		...	...
152	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	6	.067	14	-.0...	...	...
153	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	7	.067	14	-.0...	...	...
154	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	8	.067	14	-.0...	...	
155	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	9	.067	14	-.0...	...	-...
156	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	10	.067	14	-.0...	...	-...
157	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	11	.067	14		...	-...
158	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	12	.067	14	.033	...	-...
159	1.2DL + 1.5LM-MP7 + 1S...	Yes	Y		1	1.2	40	1.5	13	.067	14	.058	...	-...
160	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	2	.067	14	.067	...	
161	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	3	.067	14	.058	...	...
162	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	4	.067	14	.033	...	...
163	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	5	.067	14		...	...
164	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	6	.067	14	-.0...	...	...
165	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	7	.067	14	-.0...	...	...
166	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	8	.067	14	-.0...	...	
167	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	9	.067	14	-.0...	...	-...
168	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	10	.067	14	-.0...	...	-...
169	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	11	.067	14		...	-...
170	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	12	.067	14	.033	...	-...
171	1.2DL + 1.5LM-MP8 + 1S...	Yes	Y		1	1.2	41	1.5	13	.067	14	.058	...	-...
172	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	2	.067	14	.067	...	
173	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	3	.067	14	.058	...	...
174	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	4	.067	14	.033	...	...
175	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	5	.067	14		...	...
176	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	6	.067	14	-.0...	...	...
177	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	7	.067	14	-.0...	...	...
178	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	8	.067	14	-.0...	...	
179	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	9	.067	14	-.0...	...	-...
180	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	10	.067	14	-.0...	...	-...

Load Combinations (Continued)

	Description	Solve	PDelta	S...	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Fa...	...	...	...
181	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	11	.067	14		...	-...	
182	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	12	.067	14	.033	...	-...	
183	1.2DL + 1.5LM-MP9 + 1S...	Yes	Y		1	1.2	42	1.5	13	.067	14	.058	...	-...	
184	1.2DL + 1.5LM-MP10 + 1...	Yes	Y		1	1.2	43	1.5	2	.067	14	.067	...		
185	1.2DL + 1.5LM-MP10 + 1...	Yes	Y		1	1.2	43	1.5	3	.067	14	.058	...	....	
186	1.2DL + 1.5LM-MP10 + 1...	Yes	Y		1	1.2	43	1.5	4	.067	14	.033	...	....	
187	1.2DL + 1.5LM-MP10 + 1...	Yes	Y		1	1.2	43	1.5	5	.067	14		...	....	
188	1.2DL + 1.5LM-MP10 + 1...	Yes	Y		1	1.2	43	1.5	6	.067	14	-.0...	....	....	
189	1.2DL + 1.5LM-MP10 + 1...	Yes	Y		1	1.2	43	1.5	7	.067	14	-.0...	....	....	
190	1.2DL + 1.5LM-MP10 + 1...	Yes	Y		1	1.2	43	1.5	8	.067	14	-.0...	....		
191	1.2DL + 1.5LM-MP10 + 1...	Yes	Y		1	1.2	43	1.5	9	.067	14	-.0...	....	-...	
192	1.2DL + 1.5LM-MP10 + 1...	Yes	Y		1	1.2	43	1.5	10	.067	14	-.0...	....	-...	
193	1.2DL + 1.5LM-MP10 + 1...	Yes	Y		1	1.2	43	1.5	11	.067	14		...	-...	
194	1.2DL + 1.5LM-MP10 + 1...	Yes	Y		1	1.2	43	1.5	12	.067	14	.033	...	-...	
195	1.2DL + 1.5LM-MP10 + 1...	Yes	Y		1	1.2	43	1.5	13	.067	14	.058	...	-...	
196	1.2DL + 1.5LM-MP11 + 1...	Yes	Y		1	1.2	44	1.5	2	.067	14	.067	...		
197	1.2DL + 1.5LM-MP11 + 1...	Yes	Y		1	1.2	44	1.5	3	.067	14	.058	...	....	
198	1.2DL + 1.5LM-MP11 + 1...	Yes	Y		1	1.2	44	1.5	4	.067	14	.033	...	....	
199	1.2DL + 1.5LM-MP11 + 1...	Yes	Y		1	1.2	44	1.5	5	.067	14		...	....	
200	1.2DL + 1.5LM-MP11 + 1...	Yes	Y		1	1.2	44	1.5	6	.067	14	-.0...	....	....	
201	1.2DL + 1.5LM-MP11 + 1...	Yes	Y		1	1.2	44	1.5	7	.067	14	-.0...	....	....	
202	1.2DL + 1.5LM-MP11 + 1...	Yes	Y		1	1.2	44	1.5	8	.067	14	-.0...	....		
203	1.2DL + 1.5LM-MP11 + 1...	Yes	Y		1	1.2	44	1.5	9	.067	14	-.0...	....	-...	
204	1.2DL + 1.5LM-MP11 + 1...	Yes	Y		1	1.2	44	1.5	10	.067	14	-.0...	....	-...	
205	1.2DL + 1.5LM-MP11 + 1...	Yes	Y		1	1.2	44	1.5	11	.067	14		...	-...	
206	1.2DL + 1.5LM-MP11 + 1...	Yes	Y		1	1.2	44	1.5	12	.067	14	.033	...	-...	
207	1.2DL + 1.5LM-MP11 + 1...	Yes	Y		1	1.2	44	1.5	13	.067	14	.058	...	-...	
208	1.2DL + 1.5LM-MP12 + 1...	Yes	Y		1	1.2	45	1.5	2	.067	14	.067	...		
209	1.2DL + 1.5LM-MP12 + 1...	Yes	Y		1	1.2	45	1.5	3	.067	14	.058	...	....	
210	1.2DL + 1.5LM-MP12 + 1...	Yes	Y		1	1.2	45	1.5	4	.067	14	.033	...	....	
211	1.2DL + 1.5LM-MP12 + 1...	Yes	Y		1	1.2	45	1.5	5	.067	14		...	....	
212	1.2DL + 1.5LM-MP12 + 1...	Yes	Y		1	1.2	45	1.5	6	.067	14	-.0...	....	....	
213	1.2DL + 1.5LM-MP12 + 1...	Yes	Y		1	1.2	45	1.5	7	.067	14	-.0...	....	....	
214	1.2DL + 1.5LM-MP12 + 1...	Yes	Y		1	1.2	45	1.5	8	.067	14	-.0...	....		
215	1.2DL + 1.5LM-MP12 + 1...	Yes	Y		1	1.2	45	1.5	9	.067	14	-.0...	....	-...	
216	1.2DL + 1.5LM-MP12 + 1...	Yes	Y		1	1.2	45	1.5	10	.067	14	-.0...	....	-...	
217	1.2DL + 1.5LM-MP12 + 1...	Yes	Y		1	1.2	45	1.5	11	.067	14		...	-...	
218	1.2DL + 1.5LM-MP12 + 1...	Yes	Y		1	1.2	45	1.5	12	.067	14	.033	...	-...	
219	1.2DL + 1.5LM-MP12 + 1...	Yes	Y		1	1.2	45	1.5	13	.067	14	.058	...	-...	
220	1.2DL + 1.5LM-MP13 + 1...	Yes	Y		1	1.2	46	1.5	2	.067	14	.067	...		
221	1.2DL + 1.5LM-MP13 + 1...	Yes	Y		1	1.2	46	1.5	3	.067	14	.058	...	....	
222	1.2DL + 1.5LM-MP13 + 1...	Yes	Y		1	1.2	46	1.5	4	.067	14	.033	...	....	
223	1.2DL + 1.5LM-MP13 + 1...	Yes	Y		1	1.2	46	1.5	5	.067	14		...	....	
224	1.2DL + 1.5LM-MP13 + 1...	Yes	Y		1	1.2	46	1.5	6	.067	14	-.0...	....	....	
225	1.2DL + 1.5LM-MP13 + 1...	Yes	Y		1	1.2	46	1.5	7	.067	14	-.0...	....	....	
226	1.2DL + 1.5LM-MP13 + 1...	Yes	Y		1	1.2	46	1.5	8	.067	14	-.0...	....		
227	1.2DL + 1.5LM-MP13 + 1...	Yes	Y		1	1.2	46	1.5	9	.067	14	-.0...	....	-...	
228	1.2DL + 1.5LM-MP13 + 1...	Yes	Y		1	1.2	46	1.5	10	.067	14	-.0...	....	-...	
229	1.2DL + 1.5LM-MP13 + 1...	Yes	Y		1	1.2	46	1.5	11	.067	14		...	-...	
230	1.2DL + 1.5LM-MP13 + 1...	Yes	Y		1	1.2	46	1.5	12	.067	14	.033	...	-...	
231	1.2DL + 1.5LM-MP13 + 1...	Yes	Y		1	1.2	46	1.5	13	.067	14	.058	...	-...	
232	1.2DL + 1.5LM-MP14 + 1...	Yes	Y		1	1.2	47	1.5	2	.067	14	.067	...		
233	1.2DL + 1.5LM-MP14 + 1...	Yes	Y		1	1.2	47	1.5	3	.067	14	.058	...	....	
234	1.2DL + 1.5LM-MP14 + 1...	Yes	Y		1	1.2	47	1.5	4	.067	14	.033	...	....	
235	1.2DL + 1.5LM-MP14 + 1...	Yes	Y		1	1.2	47	1.5	5	.067	14		...	....	
236	1.2DL + 1.5LM-MP14 + 1...	Yes	Y		1	1.2	47	1.5	6	.067	14	-.0...	....	....	
237	1.2DL + 1.5LM-MP14 + 1...	Yes	Y		1	1.2	47	1.5	7	.067	14	-.0...	....	....	

Load Combinations (Continued)

	Description	Solve	PDelta	S...	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Fa...	...	...
238	1.2DL + 1.5LM-MP14 + 1...	Yes	Y		1	1.2	47	1.5	8	.067	14	-.0...	....	
239	1.2DL + 1.5LM-MP14 + 1...	Yes	Y		1	1.2	47	1.5	9	.067	14	-.0...	....	-...
240	1.2DL + 1.5LM-MP14 + 1...	Yes	Y		1	1.2	47	1.5	10	.067	14	-.0...	....	-...
241	1.2DL + 1.5LM-MP14 + 1...	Yes	Y		1	1.2	47	1.5	11	.067	14		...	-...
242	1.2DL + 1.5LM-MP14 + 1...	Yes	Y		1	1.2	47	1.5	12	.067	14	.033	...	-...
243	1.2DL + 1.5LM-MP14 + 1...	Yes	Y		1	1.2	47	1.5	13	.067	14	.058	...	-...
244	1.2DL + 1.5LM-MP15 + 1...	Yes	Y		1	1.2	48	1.5	2	.067	14	.067	...	
245	1.2DL + 1.5LM-MP15 + 1...	Yes	Y		1	1.2	48	1.5	3	.067	14	.058	...	....
246	1.2DL + 1.5LM-MP15 + 1...	Yes	Y		1	1.2	48	1.5	4	.067	14	.033	...	....
247	1.2DL + 1.5LM-MP15 + 1...	Yes	Y		1	1.2	48	1.5	5	.067	14		...	....
248	1.2DL + 1.5LM-MP15 + 1...	Yes	Y		1	1.2	48	1.5	6	.067	14	-.0...	....	....
249	1.2DL + 1.5LM-MP15 + 1...	Yes	Y		1	1.2	48	1.5	7	.067	14	-.0...	....	....
250	1.2DL + 1.5LM-MP15 + 1...	Yes	Y		1	1.2	48	1.5	8	.067	14	-.0...	....	
251	1.2DL + 1.5LM-MP15 + 1...	Yes	Y		1	1.2	48	1.5	9	.067	14	-.0...	....	-...
252	1.2DL + 1.5LM-MP15 + 1...	Yes	Y		1	1.2	48	1.5	10	.067	14	-.0...	....	-...
253	1.2DL + 1.5LM-MP15 + 1...	Yes	Y		1	1.2	48	1.5	11	.067	14		...	-...
254	1.2DL + 1.5LM-MP15 + 1...	Yes	Y		1	1.2	48	1.5	12	.067	14	.033	...	-...

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	N6	max	1169.91	17	2279.59	27	1447.798	14	5160.235	27	1378.932	23	840.045	208
2		min	-1169.876	23	724.037	57	-1454.614	8	1588.446	57	-1378.912	17	-859.442	238
3	N5	max	1426.849	4	2279.668	35	1156.919	3	-733.087	185	792.712	20	4621.995	120
4		min	-1420.821	22	723.981	53	-1153.439	21	-2894.77	84	-793.072	14	1387.879	53
5	N1	max	1365.781	18	2279.547	31	1153.483	13	-787.768	230	810.448	14	-1353.55	24
6		min	-1371.873	12	723.987	61	-1150.052	19	-2948.733	92	-810.029	20	-4591.848	128
7	Totals:	max	3866.122	17	6824.72	38	3605.521	14						
8		min	-3866.122	11	2193.443	51	-3605.521	8						

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

	Member	Shape	Code Check	Loc[in]	LC	Shear ...	Loc[in]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
1	M5	HSS4X4X4	.438	0	36	.138	0	y	208	97436.9...	106155	12311.25	12311.25	2...	H1-1b
2	M3	HSS4X4X4	.433	0	33	.138	0	y	181	97436.9...	106155	12311.25	12311.25	2...	H1-1b
3	M1	HSS4X4X4	.433	0	33	.138	0	y	248	97437.38	106155	12311.25	12311.25	2...	H1-1b
4	M14	L2x2x2	.274	50.52	11	.011	50.52	z	30	6606.013	15908.4	402.563	780.104	2...	H2-1
5	M18	L2x2x2	.269	50.52	7	.011	50.52	y	2	6606.013	15908.4	402.563	773.422	2...	H2-1
6	M17	L2x2x2	.263	50.52	5	.011	50.52	y	36	6606.013	15908.4	402.563	779.667	2...	H2-1
7	M13	L2x2x2	.262	50.52	9	.011	50.52	y	28	6606.013	15908.4	402.563	773.358	2...	H2-1
8	M16	L2x2x2	.238	50.52	4	.011	50.52	z	34	6606.013	15908.4	402.563	776.692	2...	H2-1
9	MP3	PIPE_2.0	.230	36	8	.027	36		8	20866.7...	32130	1871.625	1871.625	1...	H1-1b
10	MP8	PIPE_2.0	.227	36	5	.027	36		5	20866.7...	32130	1871.625	1871.625	1...	H1-1b
11	MP13	PIPE_2.0	.227	36	10	.027	36		10	20866.7...	32130	1871.625	1871.625	1...	H1-1b
12	M15	L2x2x2	.223	50.52	12	.011	50.52	y	32	6606.013	15908.4	402.563	775.935	2...	H2-1
13	M4	6"x0.37" Plate	.217	6	11	.112	8	y	115	36651.1...	69930	539.044	8741.25	1...	H1-1b
14	M2	6"x0.37" Plate	.207	6	5	.112	8	y	88	36651.1...	69930	539.044	8741.25	1...	H1-1b
15	MP5	PIPE_2.0	.199	36	8	.022	36		8	20866.7...	32130	1871.625	1871.625	1...	H1-1b
16	MP15	PIPE_2.0	.196	36	10	.022	36		10	20866.7...	32130	1871.625	1871.625	1...	H1-1b
17	MP10	PIPE_2.0	.196	36	5	.022	36		5	20866.7...	32130	1871.625	1871.625	1...	H1-1b
18	M6	6"x0.37" Plate	.190	6	3	.112	8	y	144	36651.1...	69930	539.044	8741.25	1...	H1-1b
19	M11	HSS4X4X4	.178	31.26	253	.037	31.26	y	33	97364.86	106155	12311.25	12311.25	1...	H1-1b
20	M12	HSS4X4X4	.177	31.26	173	.037	30.6...	y	37	97364.86	106155	12311.25	12311.25	1...	H1-1b
21	M10	HSS4X4X4	.177	31.26	216	.037	31.26	y	30	97364.86	106155	12311.25	12311.25	1...	H1-1b
22	M9	PIPE_3.0	.150	95.313	31	.040	95.3...		218	28250.5...	65205	5748.75	5748.75	1...	H1-1b
23	M8	PIPE_3.0	.150	95.313	27	.039	95.3...		178	28250.5...	65205	5748.75	5748.75	1...	H1-1b

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

	Member	Shape	Code Check	Loc[in]	LC	Shear ...	Loc[in]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
24	M7	PIPE_3.0	.150	95.312	36	.040	95.3...		246	28250.5...	65205	5748.75	5748.75	1...	H1-1b
25	MP1	PIPE_2.0	.139	36	8	.018	36		8	20866.7...	32130	1871.625	1871.625	1...	H1-1b
26	MP6	PIPE_2.0	.137	36	5	.018	36		5	20866.7...	32130	1871.625	1871.625	1...	H1-1b
27	MP11	PIPE_2.0	.137	36	4	.018	36		4	20866.7...	32130	1871.625	1871.625	1...	H1-1b
28	MP4	PIPE_2.0	.020	36	8	.003	36		8	20866.7...	32130	1871.625	1871.625	1...	H1-1b
29	MP2	PIPE_2.0	.020	36	8	.003	36		8	20866.7...	32130	1871.625	1871.625	1...	H1-1b
30	MP9	PIPE_2.0	.020	36	4	.003	36		4	20866.7...	32130	1871.625	1871.625	1...	H1-1b
31	MP14	PIPE_2.0	.020	36	12	.003	36		12	20866.7...	32130	1871.625	1871.625	1...	H1-1b
32	MP7	PIPE_2.0	.020	36	4	.003	36		4	20866.7...	32130	1871.625	1871.625	1...	H1-1b
33	MP12	PIPE_2.0	.020	36	12	.003	36		12	20866.7...	32130	1871.625	1871.625	1...	H1-1b

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	HSS 4"x4"x1/4"	HSS4X4X4	Beam	None	A53 Gr.B	Typical	3.37	7.8	7.8	12.8
2	3" STD Pipe	PIPE_3.0	Beam	None	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
3	L2"x2"x1/8"	L2x2x2	Beam	None	A36 Gr.36	Typical	.491	.189	.189	.003
4	2" STD Pipe	PIPE_2.0	Beam	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
5	Corner Plate	6"x0.37" Plate	Beam	None	A53 Gr.B	Typical	2.22	.025	6.66	.097

Joint Boundary Conditions

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
1	N6	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	N5	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	N1	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2	BenPIN	BenPIN				Yes				None
3	M3						Yes				None
4	M4	BenPIN	BenPIN				Yes				None
5	M5						Yes				None
6	M6	BenPIN	BenPIN				Yes				None
7	M7						Yes				None
8	M8						Yes				None
9	M9						Yes				None
10	M10	BenPIN	BenPIN				Yes				None
11	M11	BenPIN	BenPIN				Yes				None
12	M12	BenPIN	BenPIN				Yes				None
13	M13						Yes				None
14	M14						Yes				None
15	M15						Yes				None
16	M16						Yes				None
17	M17						Yes				None
18	M18						Yes				None
19	MP1						Yes				None
20	MP5						Yes				None
21	MP11						Yes				None
22	MP15						Yes				None
23	MP6						Yes				None
24	MP10						Yes				None
25	MP3						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
26	MP4						Yes				None
27	MP2						Yes				None
28	MP13						Yes				None
29	MP14						Yes				None
30	MP12						Yes				None
31	MP8						Yes				None
32	MP9						Yes				None
33	MP7						Yes				None

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/...	Density[k/ft^3]	Yield[psi]	Ry	Fu[psi]	Rt
1	A992	29000	11154	.3	.65	.49	50000	1.1	65000	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36000	1.5	58000	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50000	1.1	65000	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42000	1.4	58000	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46000	1.4	58000	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35000	1.6	60000	1.2
7	A1085	29000	11154	.3	.65	.49	50000	1.4	65000	1.3

Joint Loads and Enforced Displacements (BLC 34 : Maintenance Load 1)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N45	L	Y	-500

Joint Loads and Enforced Displacements (BLC 35 : Maintenance Load 2)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N55A	L	Y	-500

Joint Loads and Enforced Displacements (BLC 36 : Maintenance Load 3)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N54	L	Y	-500

Joint Loads and Enforced Displacements (BLC 37 : Maintenance Load 4)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N53	L	Y	-500

Joint Loads and Enforced Displacements (BLC 38 : Maintenance Load 5)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N79	L	Y	-500

Joint Loads and Enforced Displacements (BLC 39 : Maintenance Load 6)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N62	L	Y	-500

Joint Loads and Enforced Displacements (BLC 40 : Maintenance Load 7)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N73A	L	Y	-500

Joint Loads and Enforced Displacements (BLC 41 : Maintenance Load 8)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N76	L	Y	-500

Joint Loads and Enforced Displacements (BLC 42 : Maintenance Load 9)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N79A	L	Y	-500

Joint Loads and Enforced Displacements (BLC 43 : Maintenance Load 10)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N20	L	Y	-500

Joint Loads and Enforced Displacements (BLC 44 : Maintenance Load 11)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N86	L	Y	-500

Joint Loads and Enforced Displacements (BLC 45 : Maintenance Load 12)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N89	L	Y	-500

Joint Loads and Enforced Displacements (BLC 46 : Maintenance Load 13)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N61	L	Y	-500

Joint Loads and Enforced Displacements (BLC 47 : Maintenance Load 14)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N96	L	Y	-500

Joint Loads and Enforced Displacements (BLC 48 : Maintenance Load 15)

	Joint Label	L,D,M	Direction	Magnitude[(lb,lb-ft), (in,rad), (lb*s^2...
1	N99	L	Y	-500

Member Point Loads (BLC 1 : Self Weight)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	Y	-17.5	6
2	MP1	Y	-17.5	60
3	MP3	Y	-33.95	6
4	MP3	Y	-33.95	60
5	MP5	Y	-33.95	6
6	MP5	Y	-33.95	60
7	MP3	Y	-59.9	50
8	MP3	Y	-71.87	50
9	MP5	Y	-70.54	50
10	MP1	Y	-14.1	45
11	MP1	Y	-14.1	45
12	MP6	Y	-17.5	6
13	MP6	Y	-17.5	60
14	MP8	Y	-33.95	6
15	MP8	Y	-33.95	60
16	MP10	Y	-33.95	6
17	MP10	Y	-33.95	60
18	MP8	Y	-59.9	50
19	MP8	Y	-71.87	50
20	MP10	Y	-70.54	50
21	MP6	Y	-14.1	45
22	MP6	Y	-14.1	45
23	MP11	Y	-17.5	6
24	MP11	Y	-17.5	60

Member Point Loads (BLC 1 : Self Weight) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
25	MP13	Y	-33.95	6
26	MP13	Y	-33.95	60
27	MP15	Y	-33.95	6
28	MP15	Y	-33.95	60
29	MP13	Y	-59.9	50
30	MP13	Y	-71.87	50
31	MP15	Y	-70.54	50
32	MP11	Y	-14.1	45
33	MP11	Y	-14.1	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	6
2	MP1	Z	-84.55	6
3	MP1	X	0	60
4	MP1	Z	-84.55	60
5	MP3	X	0	6
6	MP3	Z	-127.09	6
7	MP3	X	0	60
8	MP3	Z	-127.09	60
9	MP5	X	0	6
10	MP5	Z	-127.09	6
11	MP5	X	0	60
12	MP5	Z	-127.09	60
13	MP3	X	0	50
14	MP3	Z	-56.56	50
15	MP3	X	0	50
16	MP3	Z	-53.46	50
17	MP5	X	0	50
18	MP5	Z	-64.01	50
19	MP1	X	0	45
20	MP1	Z	-33.89	45
21	MP1	X	0	45
22	MP1	Z	-33.89	45
23	MP6	X	0	6
24	MP6	Z	-46.14	6
25	MP6	X	0	60
26	MP6	Z	-46.14	60
27	MP8	X	0	6
28	MP8	Z	-56.02	6
29	MP8	X	0	60
30	MP8	Z	-56.02	60
31	MP10	X	0	6
32	MP10	Z	-56.02	6
33	MP10	X	0	60
34	MP10	Z	-56.02	60
35	MP8	X	0	50
36	MP8	Z	-33.23	50
37	MP8	X	0	50
38	MP8	Z	-42.07	50
39	MP10	X	0	50
40	MP10	Z	-43.88	50
41	MP6	X	0	45
42	MP6	Z	-11.36	45
43	MP6	X	0	45
44	MP6	Z	-11.36	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
45	MP11	X	0	6
46	MP11	Z	-49.58	6
47	MP11	X	0	60
48	MP11	Z	-49.58	60
49	MP13	X	0	6
50	MP13	Z	-62.38	6
51	MP13	X	0	60
52	MP13	Z	-62.38	60
53	MP15	X	0	6
54	MP15	Z	-62.38	6
55	MP15	X	0	60
56	MP15	Z	-62.38	60
57	MP13	X	0	50
58	MP13	Z	-35.32	50
59	MP13	X	0	50
60	MP13	Z	-43.09	50
61	MP15	X	0	50
62	MP15	Z	-45.68	50
63	MP11	X	0	45
64	MP11	Z	-13.37	45
65	MP11	X	0	45
66	MP11	Z	-13.37	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-37.32	6
2	MP1	Z	-64.65	6
3	MP1	X	-37.32	60
4	MP1	Z	-64.65	60
5	MP3	X	-54.39	6
6	MP3	Z	-94.2	6
7	MP3	X	-54.39	60
8	MP3	Z	-94.2	60
9	MP5	X	-54.39	6
10	MP5	Z	-94.2	6
11	MP5	X	-54.39	60
12	MP5	Z	-94.2	60
13	MP3	X	-25.27	50
14	MP3	Z	-43.77	50
15	MP3	X	-25.26	50
16	MP3	Z	-43.76	50
17	MP5	X	-29.41	50
18	MP5	Z	-50.94	50
19	MP1	X	-14.04	45
20	MP1	Z	-24.32	45
21	MP1	X	-14.04	45
22	MP1	Z	-24.32	45
23	MP6	X	-24.79	6
24	MP6	Z	-42.94	6
25	MP6	X	-24.79	60
26	MP6	Z	-42.94	60
27	MP8	X	-31.19	6
28	MP8	Z	-54.03	6
29	MP8	X	-31.19	60
30	MP8	Z	-54.03	60
31	MP10	X	-31.19	6

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
32	MP10	Z	-54.03	6
33	MP10	X	-31.19	60
34	MP10	Z	-54.03	60
35	MP8	X	-17.66	50
36	MP8	Z	-30.58	50
37	MP8	X	-21.54	50
38	MP8	Z	-37.32	50
39	MP10	X	-22.84	50
40	MP10	Z	-39.56	50
41	MP6	X	-6.69	45
42	MP6	Z	-11.58	45
43	MP6	X	-6.69	45
44	MP6	Z	-11.58	45
45	MP11	X	-34.09	6
46	MP11	Z	-59.05	6
47	MP11	X	-34.09	60
48	MP11	Z	-59.05	60
49	MP13	X	-48.41	6
50	MP13	Z	-83.84	6
51	MP13	X	-48.41	60
52	MP13	Z	-83.84	60
53	MP15	X	-48.41	6
54	MP15	Z	-83.84	6
55	MP15	X	-48.41	60
56	MP15	Z	-83.84	60
57	MP13	X	-23.31	50
58	MP13	Z	-40.37	50
59	MP13	X	-24.3	50
60	MP13	Z	-42.1	50
61	MP15	X	-27.72	50
62	MP15	Z	-48	50
63	MP11	X	-12.15	45
64	MP11	Z	-21.04	45
65	MP11	X	-12.15	45
66	MP11	Z	-21.04	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-47.5	6
2	MP1	Z	-27.42	6
3	MP1	X	-47.5	60
4	MP1	Z	-27.42	60
5	MP3	X	-62.47	6
6	MP3	Z	-36.07	6
7	MP3	X	-62.47	60
8	MP3	Z	-36.07	60
9	MP5	X	-62.47	6
10	MP5	Z	-36.07	6
11	MP5	X	-62.47	60
12	MP5	Z	-36.07	60
13	MP3	X	-33.36	50
14	MP3	Z	-19.26	50
15	MP3	X	-38.67	50
16	MP3	Z	-22.33	50
17	MP5	X	-41.95	50
18	MP5	Z	-24.22	50

Member Point Loads (BLC 4 : Wind Load AZI 60) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
19	MP1	X	-14.26	45
20	MP1	Z	-8.23	45
21	MP1	X	-14.26	45
22	MP1	Z	-8.23	45
23	MP6	X	-59.05	6
24	MP6	Z	-34.09	6
25	MP6	X	-59.05	60
26	MP6	Z	-34.09	60
27	MP8	X	-83.84	6
28	MP8	Z	-48.41	6
29	MP8	X	-83.84	60
30	MP8	Z	-48.41	60
31	MP10	X	-83.84	6
32	MP10	Z	-48.41	6
33	MP10	X	-83.84	60
34	MP10	Z	-48.41	60
35	MP8	X	-40.37	50
36	MP8	Z	-23.31	50
37	MP8	X	-42.1	50
38	MP8	Z	-24.3	50
39	MP10	X	-48	50
40	MP10	Z	-27.72	50
41	MP6	X	-21.04	45
42	MP6	Z	-12.15	45
43	MP6	X	-21.04	45
44	MP6	Z	-12.15	45
45	MP11	X	-72.19	6
46	MP11	Z	-41.68	6
47	MP11	X	-72.19	60
48	MP11	Z	-41.68	60
49	MP13	X	-108.15	6
50	MP13	Z	-62.44	6
51	MP13	X	-108.15	60
52	MP13	Z	-62.44	60
53	MP15	X	-108.15	6
54	MP15	Z	-62.44	6
55	MP15	X	-108.15	60
56	MP15	Z	-62.44	60
57	MP13	X	-48.36	50
58	MP13	Z	-27.92	50
59	MP13	X	-45.99	50
60	MP13	Z	-26.55	50
61	MP15	X	-54.89	50
62	MP15	Z	-31.69	50
63	MP11	X	-28.74	45
64	MP11	Z	-16.6	45
65	MP11	X	-28.74	45
66	MP11	Z	-16.6	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-44.95	6
2	MP1	Z	0	6
3	MP1	X	-44.95	60
4	MP1	Z	0	60
5	MP3	X	-53.81	6

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
6	MP3	Z	0	6
7	MP3	X	-53.81	60
8	MP3	Z	0	60
9	MP5	X	-53.81	6
10	MP5	Z	0	6
11	MP5	X	-53.81	60
12	MP5	Z	0	60
13	MP3	X	-32.5	50
14	MP3	Z	0	50
15	MP3	X	-41.71	50
16	MP3	Z	0	50
17	MP5	X	-43.25	50
18	MP5	Z	0	50
19	MP1	X	-10.66	45
20	MP1	Z	0	45
21	MP1	X	-10.66	45
22	MP1	Z	0	45
23	MP6	X	-83.36	6
24	MP6	Z	0	6
25	MP6	X	-83.36	60
26	MP6	Z	0	60
27	MP8	X	-124.88	6
28	MP8	Z	0	6
29	MP8	X	-124.88	60
30	MP8	Z	0	60
31	MP10	X	-124.88	6
32	MP10	Z	0	6
33	MP10	X	-124.88	60
34	MP10	Z	0	60
35	MP8	X	-55.84	50
36	MP8	Z	0	50
37	MP8	X	-53.11	50
38	MP8	Z	0	50
39	MP10	X	-63.38	50
40	MP10	Z	0	50
41	MP6	X	-33.19	45
42	MP6	Z	0	45
43	MP6	X	-33.19	45
44	MP6	Z	0	45
45	MP11	X	-79.92	6
46	MP11	Z	0	6
47	MP11	X	-79.92	60
48	MP11	Z	0	60
49	MP13	X	-118.52	6
50	MP13	Z	0	6
51	MP13	X	-118.52	60
52	MP13	Z	0	60
53	MP15	X	-118.52	6
54	MP15	Z	0	6
55	MP15	X	-118.52	60
56	MP15	Z	0	60
57	MP13	X	-53.75	50
58	MP13	Z	0	50
59	MP13	X	-52.09	50
60	MP13	Z	0	50
61	MP15	X	-61.58	50
62	MP15	Z	0	50

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
63	MP11	X	-31.17	45
64	MP11	Z	0	45
65	MP11	X	-31.17	45
66	MP11	Z	0	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-47.5	6
2	MP1	Z	27.42	6
3	MP1	X	-47.5	60
4	MP1	Z	27.42	60
5	MP3	X	-62.47	6
6	MP3	Z	36.07	6
7	MP3	X	-62.47	60
8	MP3	Z	36.07	60
9	MP5	X	-62.47	6
10	MP5	Z	36.07	6
11	MP5	X	-62.47	60
12	MP5	Z	36.07	60
13	MP3	X	-33.36	50
14	MP3	Z	19.26	50
15	MP3	X	-38.67	50
16	MP3	Z	22.33	50
17	MP5	X	-41.95	50
18	MP5	Z	24.22	50
19	MP1	X	-14.26	45
20	MP1	Z	8.23	45
21	MP1	X	-14.26	45
22	MP1	Z	8.23	45
23	MP6	X	-69.21	6
24	MP6	Z	39.96	6
25	MP6	X	-69.21	60
26	MP6	Z	39.96	60
27	MP8	X	-102.64	6
28	MP8	Z	59.26	6
29	MP8	X	-102.64	60
30	MP8	Z	59.26	60
31	MP10	X	-102.64	6
32	MP10	Z	59.26	6
33	MP10	X	-102.64	60
34	MP10	Z	59.26	60
35	MP8	X	-46.55	50
36	MP8	Z	26.87	50
37	MP8	X	-45.11	50
38	MP8	Z	26.04	50
39	MP10	X	-53.33	50
40	MP10	Z	30.79	50
41	MP6	X	-27	45
42	MP6	Z	15.59	45
43	MP6	X	-27	45
44	MP6	Z	15.59	45
45	MP11	X	-53.1	6
46	MP11	Z	30.65	6
47	MP11	X	-53.1	60
48	MP11	Z	30.65	60
49	MP13	X	-72.82	6

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
50	MP13	Z	42.04	6
51	MP13	X	-72.82	60
52	MP13	Z	42.04	60
53	MP15	X	-72.82	6
54	MP15	Z	42.04	6
55	MP15	X	-72.82	60
56	MP15	Z	42.04	60
57	MP13	X	-36.76	50
58	MP13	Z	21.22	50
59	MP13	X	-40.33	50
60	MP13	Z	23.28	50
61	MP15	X	-44.88	50
62	MP15	Z	25.91	50
63	MP11	X	-17.54	45
64	MP11	Z	10.13	45
65	MP11	X	-17.54	45
66	MP11	Z	10.13	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-37.32	6
2	MP1	Z	64.65	6
3	MP1	X	-37.32	60
4	MP1	Z	64.65	60
5	MP3	X	-54.39	6
6	MP3	Z	94.2	6
7	MP3	X	-54.39	60
8	MP3	Z	94.2	60
9	MP5	X	-54.39	6
10	MP5	Z	94.2	6
11	MP5	X	-54.39	60
12	MP5	Z	94.2	60
13	MP3	X	-25.27	50
14	MP3	Z	43.77	50
15	MP3	X	-25.26	50
16	MP3	Z	43.76	50
17	MP5	X	-29.41	50
18	MP5	Z	50.94	50
19	MP1	X	-14.04	45
20	MP1	Z	24.32	45
21	MP1	X	-14.04	45
22	MP1	Z	24.32	45
23	MP6	X	-30.65	6
24	MP6	Z	53.1	6
25	MP6	X	-30.65	60
26	MP6	Z	53.1	60
27	MP8	X	-42.04	6
28	MP8	Z	72.82	6
29	MP8	X	-42.04	60
30	MP8	Z	72.82	60
31	MP10	X	-42.04	6
32	MP10	Z	72.82	6
33	MP10	X	-42.04	60
34	MP10	Z	72.82	60
35	MP8	X	-21.22	50
36	MP8	Z	36.76	50

Member Point Loads (BLC 7 : Wind Load AZI 150) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
37	MP8	X	-23.28	50
38	MP8	Z	40.33	50
39	MP10	X	-25.91	50
40	MP10	Z	44.88	50
41	MP6	X	-10.13	45
42	MP6	Z	17.54	45
43	MP6	X	-10.13	45
44	MP6	Z	17.54	45
45	MP11	X	-23.07	6
46	MP11	Z	39.96	6
47	MP11	X	-23.07	60
48	MP11	Z	39.96	60
49	MP13	X	-28.01	6
50	MP13	Z	48.52	6
51	MP13	X	-28.01	60
52	MP13	Z	48.52	60
53	MP15	X	-28.01	6
54	MP15	Z	48.52	6
55	MP15	X	-28.01	60
56	MP15	Z	48.52	60
57	MP13	X	-16.61	50
58	MP13	Z	28.78	50
59	MP13	X	-21.03	50
60	MP13	Z	36.43	50
61	MP15	X	-21.94	50
62	MP15	Z	38	50
63	MP11	X	-5.68	45
64	MP11	Z	9.83	45
65	MP11	X	-5.68	45
66	MP11	Z	9.83	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	6
2	MP1	Z	84.55	6
3	MP1	X	0	60
4	MP1	Z	84.55	60
5	MP3	X	0	6
6	MP3	Z	127.09	6
7	MP3	X	0	60
8	MP3	Z	127.09	60
9	MP5	X	0	6
10	MP5	Z	127.09	6
11	MP5	X	0	60
12	MP5	Z	127.09	60
13	MP3	X	0	50
14	MP3	Z	56.56	50
15	MP3	X	0	50
16	MP3	Z	53.46	50
17	MP5	X	0	50
18	MP5	Z	64.01	50
19	MP1	X	0	45
20	MP1	Z	33.89	45
21	MP1	X	0	45
22	MP1	Z	33.89	45
23	MP6	X	0	6

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
24	MP6	Z	46.14	6
25	MP6	X	0	60
26	MP6	Z	46.14	60
27	MP8	X	0	6
28	MP8	Z	56.02	6
29	MP8	X	0	60
30	MP8	Z	56.02	60
31	MP10	X	0	6
32	MP10	Z	56.02	6
33	MP10	X	0	60
34	MP10	Z	56.02	60
35	MP8	X	0	50
36	MP8	Z	33.23	50
37	MP8	X	0	50
38	MP8	Z	42.07	50
39	MP10	X	0	50
40	MP10	Z	43.88	50
41	MP6	X	0	45
42	MP6	Z	11.36	45
43	MP6	X	0	45
44	MP6	Z	11.36	45
45	MP11	X	0	6
46	MP11	Z	49.58	6
47	MP11	X	0	60
48	MP11	Z	49.58	60
49	MP13	X	0	6
50	MP13	Z	62.38	6
51	MP13	X	0	60
52	MP13	Z	62.38	60
53	MP15	X	0	6
54	MP15	Z	62.38	6
55	MP15	X	0	60
56	MP15	Z	62.38	60
57	MP13	X	0	50
58	MP13	Z	35.32	50
59	MP13	X	0	50
60	MP13	Z	43.09	50
61	MP15	X	0	50
62	MP15	Z	45.68	50
63	MP11	X	0	45
64	MP11	Z	13.37	45
65	MP11	X	0	45
66	MP11	Z	13.37	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	37.32	6
2	MP1	Z	64.65	6
3	MP1	X	37.32	60
4	MP1	Z	64.65	60
5	MP3	X	54.39	6
6	MP3	Z	94.2	6
7	MP3	X	54.39	60
8	MP3	Z	94.2	60
9	MP5	X	54.39	6
10	MP5	Z	94.2	6

Member Point Loads (BLC 9 : Wind Load AZI 210) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
11	MP5	X	54.39	60
12	MP5	Z	94.2	60
13	MP3	X	25.27	50
14	MP3	Z	43.77	50
15	MP3	X	25.26	50
16	MP3	Z	43.76	50
17	MP5	X	29.41	50
18	MP5	Z	50.94	50
19	MP1	X	14.04	45
20	MP1	Z	24.32	45
21	MP1	X	14.04	45
22	MP1	Z	24.32	45
23	MP6	X	24.79	6
24	MP6	Z	42.94	6
25	MP6	X	24.79	60
26	MP6	Z	42.94	60
27	MP8	X	31.19	6
28	MP8	Z	54.03	6
29	MP8	X	31.19	60
30	MP8	Z	54.03	60
31	MP10	X	31.19	6
32	MP10	Z	54.03	6
33	MP10	X	31.19	60
34	MP10	Z	54.03	60
35	MP8	X	17.66	50
36	MP8	Z	30.58	50
37	MP8	X	21.54	50
38	MP8	Z	37.32	50
39	MP10	X	22.84	50
40	MP10	Z	39.56	50
41	MP6	X	6.69	45
42	MP6	Z	11.58	45
43	MP6	X	6.69	45
44	MP6	Z	11.58	45
45	MP11	X	34.09	6
46	MP11	Z	59.05	6
47	MP11	X	34.09	60
48	MP11	Z	59.05	60
49	MP13	X	48.41	6
50	MP13	Z	83.84	6
51	MP13	X	48.41	60
52	MP13	Z	83.84	60
53	MP15	X	48.41	6
54	MP15	Z	83.84	6
55	MP15	X	48.41	60
56	MP15	Z	83.84	60
57	MP13	X	23.31	50
58	MP13	Z	40.37	50
59	MP13	X	24.3	50
60	MP13	Z	42.1	50
61	MP15	X	27.72	50
62	MP15	Z	48	50
63	MP11	X	12.15	45
64	MP11	Z	21.04	45
65	MP11	X	12.15	45
66	MP11	Z	21.04	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	47.5	6
2	MP1	Z	27.42	6
3	MP1	X	47.5	60
4	MP1	Z	27.42	60
5	MP3	X	62.47	6
6	MP3	Z	36.07	6
7	MP3	X	62.47	60
8	MP3	Z	36.07	60
9	MP5	X	62.47	6
10	MP5	Z	36.07	6
11	MP5	X	62.47	60
12	MP5	Z	36.07	60
13	MP3	X	33.36	50
14	MP3	Z	19.26	50
15	MP3	X	38.67	50
16	MP3	Z	22.33	50
17	MP5	X	41.95	50
18	MP5	Z	24.22	50
19	MP1	X	14.26	45
20	MP1	Z	8.23	45
21	MP1	X	14.26	45
22	MP1	Z	8.23	45
23	MP6	X	59.05	6
24	MP6	Z	34.09	6
25	MP6	X	59.05	60
26	MP6	Z	34.09	60
27	MP8	X	83.84	6
28	MP8	Z	48.41	6
29	MP8	X	83.84	60
30	MP8	Z	48.41	60
31	MP10	X	83.84	6
32	MP10	Z	48.41	6
33	MP10	X	83.84	60
34	MP10	Z	48.41	60
35	MP8	X	40.37	50
36	MP8	Z	23.31	50
37	MP8	X	42.1	50
38	MP8	Z	24.3	50
39	MP10	X	48	50
40	MP10	Z	27.72	50
41	MP6	X	21.04	45
42	MP6	Z	12.15	45
43	MP6	X	21.04	45
44	MP6	Z	12.15	45
45	MP11	X	72.19	6
46	MP11	Z	41.68	6
47	MP11	X	72.19	60
48	MP11	Z	41.68	60
49	MP13	X	108.15	6
50	MP13	Z	62.44	6
51	MP13	X	108.15	60
52	MP13	Z	62.44	60
53	MP15	X	108.15	6
54	MP15	Z	62.44	6
55	MP15	X	108.15	60
56	MP15	Z	62.44	60
57	MP13	X	48.36	50

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
58	MP13	Z	27.92	50
59	MP13	X	45.99	50
60	MP13	Z	26.55	50
61	MP15	X	54.89	50
62	MP15	Z	31.69	50
63	MP11	X	28.74	45
64	MP11	Z	16.6	45
65	MP11	X	28.74	45
66	MP11	Z	16.6	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	44.95	6
2	MP1	Z	0	6
3	MP1	X	44.95	60
4	MP1	Z	0	60
5	MP3	X	53.81	6
6	MP3	Z	0	6
7	MP3	X	53.81	60
8	MP3	Z	0	60
9	MP5	X	53.81	6
10	MP5	Z	0	6
11	MP5	X	53.81	60
12	MP5	Z	0	60
13	MP3	X	32.5	50
14	MP3	Z	0	50
15	MP3	X	41.71	50
16	MP3	Z	0	50
17	MP5	X	43.25	50
18	MP5	Z	0	50
19	MP1	X	10.66	45
20	MP1	Z	0	45
21	MP1	X	10.66	45
22	MP1	Z	0	45
23	MP6	X	83.36	6
24	MP6	Z	0	6
25	MP6	X	83.36	60
26	MP6	Z	0	60
27	MP8	X	124.88	6
28	MP8	Z	0	6
29	MP8	X	124.88	60
30	MP8	Z	0	60
31	MP10	X	124.88	6
32	MP10	Z	0	6
33	MP10	X	124.88	60
34	MP10	Z	0	60
35	MP8	X	55.84	50
36	MP8	Z	0	50
37	MP8	X	53.11	50
38	MP8	Z	0	50
39	MP10	X	63.38	50
40	MP10	Z	0	50
41	MP6	X	33.19	45
42	MP6	Z	0	45
43	MP6	X	33.19	45
44	MP6	Z	0	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
45	MP11	X	79.92	6
46	MP11	Z	0	6
47	MP11	X	79.92	60
48	MP11	Z	0	60
49	MP13	X	118.52	6
50	MP13	Z	0	6
51	MP13	X	118.52	60
52	MP13	Z	0	60
53	MP15	X	118.52	6
54	MP15	Z	0	6
55	MP15	X	118.52	60
56	MP15	Z	0	60
57	MP13	X	53.75	50
58	MP13	Z	0	50
59	MP13	X	52.09	50
60	MP13	Z	0	50
61	MP15	X	61.58	50
62	MP15	Z	0	50
63	MP11	X	31.17	45
64	MP11	Z	0	45
65	MP11	X	31.17	45
66	MP11	Z	0	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	47.5	6
2	MP1	Z	-27.42	6
3	MP1	X	47.5	60
4	MP1	Z	-27.42	60
5	MP3	X	62.47	6
6	MP3	Z	-36.07	6
7	MP3	X	62.47	60
8	MP3	Z	-36.07	60
9	MP5	X	62.47	6
10	MP5	Z	-36.07	6
11	MP5	X	62.47	60
12	MP5	Z	-36.07	60
13	MP3	X	33.36	50
14	MP3	Z	-19.26	50
15	MP3	X	38.67	50
16	MP3	Z	-22.33	50
17	MP5	X	41.95	50
18	MP5	Z	-24.22	50
19	MP1	X	14.26	45
20	MP1	Z	-8.23	45
21	MP1	X	14.26	45
22	MP1	Z	-8.23	45
23	MP6	X	69.21	6
24	MP6	Z	-39.96	6
25	MP6	X	69.21	60
26	MP6	Z	-39.96	60
27	MP8	X	102.64	6
28	MP8	Z	-59.26	6
29	MP8	X	102.64	60
30	MP8	Z	-59.26	60
31	MP10	X	102.64	6

Member Point Loads (BLC 12 : Wind Load AZI 300) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
32	MP10	Z	-59.26	6
33	MP10	X	102.64	60
34	MP10	Z	-59.26	60
35	MP8	X	46.55	50
36	MP8	Z	-26.87	50
37	MP8	X	45.11	50
38	MP8	Z	-26.04	50
39	MP10	X	53.33	50
40	MP10	Z	-30.79	50
41	MP6	X	27	45
42	MP6	Z	-15.59	45
43	MP6	X	27	45
44	MP6	Z	-15.59	45
45	MP11	X	53.1	6
46	MP11	Z	-30.65	6
47	MP11	X	53.1	60
48	MP11	Z	-30.65	60
49	MP13	X	72.82	6
50	MP13	Z	-42.04	6
51	MP13	X	72.82	60
52	MP13	Z	-42.04	60
53	MP15	X	72.82	6
54	MP15	Z	-42.04	6
55	MP15	X	72.82	60
56	MP15	Z	-42.04	60
57	MP13	X	36.76	50
58	MP13	Z	-21.22	50
59	MP13	X	40.33	50
60	MP13	Z	-23.28	50
61	MP15	X	44.88	50
62	MP15	Z	-25.91	50
63	MP11	X	17.54	45
64	MP11	Z	-10.13	45
65	MP11	X	17.54	45
66	MP11	Z	-10.13	45

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	37.32	6
2	MP1	Z	-64.65	6
3	MP1	X	37.32	60
4	MP1	Z	-64.65	60
5	MP3	X	54.39	6
6	MP3	Z	-94.2	6
7	MP3	X	54.39	60
8	MP3	Z	-94.2	60
9	MP5	X	54.39	6
10	MP5	Z	-94.2	6
11	MP5	X	54.39	60
12	MP5	Z	-94.2	60
13	MP3	X	25.27	50
14	MP3	Z	-43.77	50
15	MP3	X	25.26	50
16	MP3	Z	-43.76	50
17	MP5	X	29.41	50
18	MP5	Z	-50.94	50

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
19	MP1	X	14.04	45
20	MP1	Z	-24.32	45
21	MP1	X	14.04	45
22	MP1	Z	-24.32	45
23	MP6	X	30.65	6
24	MP6	Z	-53.1	6
25	MP6	X	30.65	60
26	MP6	Z	-53.1	60
27	MP8	X	42.04	6
28	MP8	Z	-72.82	6
29	MP8	X	42.04	60
30	MP8	Z	-72.82	60
31	MP10	X	42.04	6
32	MP10	Z	-72.82	6
33	MP10	X	42.04	60
34	MP10	Z	-72.82	60
35	MP8	X	21.22	50
36	MP8	Z	-36.76	50
37	MP8	X	23.28	50
38	MP8	Z	-40.33	50
39	MP10	X	25.91	50
40	MP10	Z	-44.88	50
41	MP6	X	10.13	45
42	MP6	Z	-17.54	45
43	MP6	X	10.13	45
44	MP6	Z	-17.54	45
45	MP11	X	23.07	6
46	MP11	Z	-39.96	6
47	MP11	X	23.07	60
48	MP11	Z	-39.96	60
49	MP13	X	28.01	6
50	MP13	Z	-48.52	6
51	MP13	X	28.01	60
52	MP13	Z	-48.52	60
53	MP15	X	28.01	6
54	MP15	Z	-48.52	6
55	MP15	X	28.01	60
56	MP15	Z	-48.52	60
57	MP13	X	16.61	50
58	MP13	Z	-28.78	50
59	MP13	X	21.03	50
60	MP13	Z	-36.43	50
61	MP15	X	21.94	50
62	MP15	Z	-38	50
63	MP11	X	5.68	45
64	MP11	Z	-9.83	45
65	MP11	X	5.68	45
66	MP11	Z	-9.83	45

Member Point Loads (BLC 16 : Ice Weight)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	Y	-55.254	6
2	MP1	Y	-55.254	60
3	MP3	Y	-84.162	6
4	MP3	Y	-84.162	60
5	MP5	Y	-84.162	6

Member Point Loads (BLC 16 : Ice Weight) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
6	MP5	Y	-84.162	60
7	MP3	Y	-54.718	50
8	MP3	Y	-62.342	50
9	MP5	Y	-65.333	50
10	MP1	Y	-26.824	45
11	MP1	Y	-26.824	45
12	MP6	Y	-55.254	6
13	MP6	Y	-55.254	60
14	MP8	Y	-84.162	6
15	MP8	Y	-84.162	60
16	MP10	Y	-84.162	6
17	MP10	Y	-84.162	60
18	MP8	Y	-54.718	50
19	MP8	Y	-62.342	50
20	MP10	Y	-65.333	50
21	MP6	Y	-26.824	45
22	MP6	Y	-26.824	45
23	MP11	Y	-55.254	6
24	MP11	Y	-55.254	60
25	MP13	Y	-84.162	6
26	MP13	Y	-84.162	60
27	MP15	Y	-84.162	6
28	MP15	Y	-84.162	60
29	MP13	Y	-54.718	50
30	MP13	Y	-62.342	50
31	MP15	Y	-65.333	50
32	MP11	Y	-26.824	45
33	MP11	Y	-26.824	45

Member Point Loads (BLC 17 : Ice Wind Load AZI 0)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	6
2	MP1	Z	-9.74	6
3	MP1	X	0	60
4	MP1	Z	-9.74	60
5	MP3	X	0	6
6	MP3	Z	-11.94	6
7	MP3	X	0	60
8	MP3	Z	-11.94	60
9	MP5	X	0	6
10	MP5	Z	-11.94	6
11	MP5	X	0	60
12	MP5	Z	-11.94	60
13	MP3	X	0	50
14	MP3	Z	-6.67	50
15	MP3	X	0	50
16	MP3	Z	-6.25	50
17	MP5	X	0	50
18	MP5	Z	-7.28	50
19	MP1	X	0	45
20	MP1	Z	-5.1	45
21	MP1	X	0	45
22	MP1	Z	-5.1	45
23	MP6	X	0	6
24	MP6	Z	-7.43	6
25	MP6	X	0	60

Member Point Loads (BLC 17 : Ice Wind Load AZI 0) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
26	MP6	Z	-7.43	60
27	MP8	X	0	6
28	MP8	Z	-7.68	6
29	MP8	X	0	60
30	MP8	Z	-7.68	60
31	MP10	X	0	6
32	MP10	Z	-7.68	6
33	MP10	X	0	60
34	MP10	Z	-7.68	60
35	MP8	X	0	50
36	MP8	Z	-5.39	50
37	MP8	X	0	50
38	MP8	Z	-5.65	50
39	MP10	X	0	50
40	MP10	Z	-6.23	50
41	MP6	X	0	45
42	MP6	Z	-2.8	45
43	MP6	X	0	45
44	MP6	Z	-2.8	45
45	MP11	X	0	6
46	MP11	Z	-7.64	6
47	MP11	X	0	60
48	MP11	Z	-7.64	60
49	MP13	X	0	6
50	MP13	Z	-8.06	6
51	MP13	X	0	60
52	MP13	Z	-8.06	60
53	MP15	X	0	6
54	MP15	Z	-8.06	6
55	MP15	X	0	60
56	MP15	Z	-8.06	60
57	MP13	X	0	50
58	MP13	Z	-5.5	50
59	MP13	X	0	50
60	MP13	Z	-5.71	50
61	MP15	X	0	50
62	MP15	Z	-6.32	50
63	MP11	X	0	45
64	MP11	Z	-3	45
65	MP11	X	0	45
66	MP11	Z	-3	45

Member Point Loads (BLC 18 : Ice Wind Load AZI 30)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-4.57	6
2	MP1	Z	-7.92	6
3	MP1	X	-4.57	60
4	MP1	Z	-7.92	60
5	MP3	X	-5.42	6
6	MP3	Z	-9.39	6
7	MP3	X	-5.42	60
8	MP3	Z	-9.39	60
9	MP5	X	-5.42	6
10	MP5	Z	-9.39	6
11	MP5	X	-5.42	60
12	MP5	Z	-9.39	60

Member Point Loads (BLC 18 : Ice Wind Load AZI 30) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
13	MP3	X	-3.17	50
14	MP3	Z	-5.49	50
15	MP3	X	-3.05	50
16	MP3	Z	-5.28	50
17	MP5	X	-3.5	50
18	MP5	Z	-6.07	50
19	MP1	X	-2.25	45
20	MP1	Z	-3.91	45
21	MP1	X	-2.25	45
22	MP1	Z	-3.91	45
23	MP6	X	-3.82	6
24	MP6	Z	-6.62	6
25	MP6	X	-3.82	60
26	MP6	Z	-6.62	60
27	MP8	X	-4.03	6
28	MP8	Z	-6.98	6
29	MP8	X	-4.03	60
30	MP8	Z	-6.98	60
31	MP10	X	-4.03	6
32	MP10	Z	-6.98	6
33	MP10	X	-4.03	60
34	MP10	Z	-6.98	60
35	MP8	X	-2.75	50
36	MP8	Z	-4.76	50
37	MP8	X	-2.85	50
38	MP8	Z	-4.94	50
39	MP10	X	-3.16	50
40	MP10	Z	-5.48	50
41	MP6	X	-1.5	45
42	MP6	Z	-2.6	45
43	MP6	X	-1.5	45
44	MP6	Z	-2.6	45
45	MP11	X	-4.38	6
46	MP11	Z	-7.59	6
47	MP11	X	-4.38	60
48	MP11	Z	-7.59	60
49	MP13	X	-5.06	6
50	MP13	Z	-8.77	6
51	MP13	X	-5.06	60
52	MP13	Z	-8.77	60
53	MP15	X	-5.06	6
54	MP15	Z	-8.77	6
55	MP15	X	-5.06	60
56	MP15	Z	-8.77	60
57	MP13	X	-3.06	50
58	MP13	Z	-5.3	50
59	MP13	X	-3	50
60	MP13	Z	-5.19	50
61	MP15	X	-3.42	50
62	MP15	Z	-5.92	50
63	MP11	X	-2.06	45
64	MP11	Z	-3.57	45
65	MP11	X	-2.06	45
66	MP11	Z	-3.57	45

Member Point Loads (BLC 19 : Ice Wind Load AZI 60)

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

Member Point Loads (BLC 19 : Ice Wind Load AZI 60) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-6.89	6
2	MP1	Z	-3.98	6
3	MP1	X	-6.89	60
4	MP1	Z	-3.98	60
5	MP3	X	-7.49	6
6	MP3	Z	-4.32	6
7	MP3	X	-7.49	60
8	MP3	Z	-4.32	60
9	MP5	X	-7.49	6
10	MP5	Z	-4.32	6
11	MP5	X	-7.49	60
12	MP5	Z	-4.32	60
13	MP3	X	-4.92	50
14	MP3	Z	-2.84	50
15	MP3	X	-5.01	50
16	MP3	Z	-2.89	50
17	MP5	X	-5.6	50
18	MP5	Z	-3.23	50
19	MP1	X	-2.88	45
20	MP1	Z	-1.66	45
21	MP1	X	-2.88	45
22	MP1	Z	-1.66	45
23	MP6	X	-7.59	6
24	MP6	Z	-4.38	6
25	MP6	X	-7.59	60
26	MP6	Z	-4.38	60
27	MP8	X	-8.77	6
28	MP8	Z	-5.06	6
29	MP8	X	-8.77	60
30	MP8	Z	-5.06	60
31	MP10	X	-8.77	6
32	MP10	Z	-5.06	6
33	MP10	X	-8.77	60
34	MP10	Z	-5.06	60
35	MP8	X	-5.3	50
36	MP8	Z	-3.06	50
37	MP8	X	-5.19	50
38	MP8	Z	-3	50
39	MP10	X	-5.92	50
40	MP10	Z	-3.42	50
41	MP6	X	-3.57	45
42	MP6	Z	-2.06	45
43	MP6	X	-3.57	45
44	MP6	Z	-2.06	45
45	MP11	X	-8.38	6
46	MP11	Z	-4.84	6
47	MP11	X	-8.38	60
48	MP11	Z	-4.84	60
49	MP13	X	-10.22	6
50	MP13	Z	-5.9	6
51	MP13	X	-10.22	60
52	MP13	Z	-5.9	60
53	MP15	X	-10.22	6
54	MP15	Z	-5.9	6
55	MP15	X	-10.22	60
56	MP15	Z	-5.9	60
57	MP13	X	-5.74	50

Member Point Loads (BLC 19 : Ice Wind Load AZI 60) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
58	MP13	Z	-3.31	50
59	MP13	X	-5.4	50
60	MP13	Z	-3.11	50
61	MP15	X	-6.27	50
62	MP15	Z	-3.62	50
63	MP11	X	-4.36	45
64	MP11	Z	-2.52	45
65	MP11	X	-4.36	45
66	MP11	Z	-2.52	45

Member Point Loads (BLC 20 : Ice Wind Load AZI 90)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-7.36	6
2	MP1	Z	0	6
3	MP1	X	-7.36	60
4	MP1	Z	0	60
5	MP3	X	-7.55	6
6	MP3	Z	0	6
7	MP3	X	-7.55	60
8	MP3	Z	0	60
9	MP5	X	-7.55	6
10	MP5	Z	0	6
11	MP5	X	-7.55	60
12	MP5	Z	0	60
13	MP3	X	-5.35	50
14	MP3	Z	0	50
15	MP3	X	-5.64	50
16	MP3	Z	0	50
17	MP5	X	-6.2	50
18	MP5	Z	0	50
19	MP1	X	-2.73	45
20	MP1	Z	0	45
21	MP1	X	-2.73	45
22	MP1	Z	0	45
23	MP6	X	-9.67	6
24	MP6	Z	0	6
25	MP6	X	-9.67	60
26	MP6	Z	0	60
27	MP8	X	-11.8	6
28	MP8	Z	0	6
29	MP8	X	-11.8	60
30	MP8	Z	0	60
31	MP10	X	-11.8	6
32	MP10	Z	0	6
33	MP10	X	-11.8	60
34	MP10	Z	0	60
35	MP8	X	-6.63	50
36	MP8	Z	0	50
37	MP8	X	-6.23	50
38	MP8	Z	0	50
39	MP10	X	-7.24	50
40	MP10	Z	0	50
41	MP6	X	-5.03	45
42	MP6	Z	0	45
43	MP6	X	-5.03	45
44	MP6	Z	0	45

Member Point Loads (BLC 20 : Ice Wind Load AZI 90) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
45	MP11	X	-9.47	6
46	MP11	Z	0	6
47	MP11	X	-9.47	60
48	MP11	Z	0	60
49	MP13	X	-11.42	6
50	MP13	Z	0	6
51	MP13	X	-11.42	60
52	MP13	Z	0	60
53	MP15	X	-11.42	6
54	MP15	Z	0	6
55	MP15	X	-11.42	60
56	MP15	Z	0	60
57	MP13	X	-6.51	50
58	MP13	Z	0	50
59	MP13	X	-6.18	50
60	MP13	Z	0	50
61	MP15	X	-7.15	50
62	MP15	Z	0	50
63	MP11	X	-4.83	45
64	MP11	Z	0	45
65	MP11	X	-4.83	45
66	MP11	Z	0	45

Member Point Loads (BLC 21 : Ice Wind Load AZI 120)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-6.89	6
2	MP1	Z	3.98	6
3	MP1	X	-6.89	60
4	MP1	Z	3.98	60
5	MP3	X	-7.49	6
6	MP3	Z	4.32	6
7	MP3	X	-7.49	60
8	MP3	Z	4.32	60
9	MP5	X	-7.49	6
10	MP5	Z	4.32	6
11	MP5	X	-7.49	60
12	MP5	Z	4.32	60
13	MP3	X	-4.92	50
14	MP3	Z	2.84	50
15	MP3	X	-5.01	50
16	MP3	Z	2.89	50
17	MP5	X	-5.6	50
18	MP5	Z	3.23	50
19	MP1	X	-2.88	45
20	MP1	Z	1.66	45
21	MP1	X	-2.88	45
22	MP1	Z	1.66	45
23	MP6	X	-8.2	6
24	MP6	Z	4.73	6
25	MP6	X	-8.2	60
26	MP6	Z	4.73	60
27	MP8	X	-9.89	6
28	MP8	Z	5.71	6
29	MP8	X	-9.89	60
30	MP8	Z	5.71	60
31	MP10	X	-9.89	6

Member Point Loads (BLC 21 : Ice Wind Load AZI 120) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
32	MP10	Z	5.71	6
33	MP10	X	-9.89	60
34	MP10	Z	5.71	60
35	MP8	X	-5.64	50
36	MP8	Z	3.26	50
37	MP8	X	-5.35	50
38	MP8	Z	3.09	50
39	MP10	X	-6.19	50
40	MP10	Z	3.58	50
41	MP6	X	-4.18	45
42	MP6	Z	2.41	45
43	MP6	X	-4.18	45
44	MP6	Z	2.41	45
45	MP11	X	-7.23	6
46	MP11	Z	4.17	6
47	MP11	X	-7.23	60
48	MP11	Z	4.17	60
49	MP13	X	-8.11	6
50	MP13	Z	4.68	6
51	MP13	X	-8.11	60
52	MP13	Z	4.68	60
53	MP15	X	-8.11	6
54	MP15	Z	4.68	6
55	MP15	X	-8.11	60
56	MP15	Z	4.68	60
57	MP13	X	-5.1	50
58	MP13	Z	2.95	50
59	MP13	X	-5.1	50
60	MP13	Z	2.94	50
61	MP15	X	-5.75	50
62	MP15	Z	3.32	50
63	MP11	X	-3.21	45
64	MP11	Z	1.85	45
65	MP11	X	-3.21	45
66	MP11	Z	1.85	45

Member Point Loads (BLC 22 : Ice Wind Load AZI 150)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-4.57	6
2	MP1	Z	7.92	6
3	MP1	X	-4.57	60
4	MP1	Z	7.92	60
5	MP3	X	-5.42	6
6	MP3	Z	9.39	6
7	MP3	X	-5.42	60
8	MP3	Z	9.39	60
9	MP5	X	-5.42	6
10	MP5	Z	9.39	6
11	MP5	X	-5.42	60
12	MP5	Z	9.39	60
13	MP3	X	-3.17	50
14	MP3	Z	5.49	50
15	MP3	X	-3.05	50
16	MP3	Z	5.28	50
17	MP5	X	-3.5	50
18	MP5	Z	6.07	50

Member Point Loads (BLC 22 : Ice Wind Load AZI 150) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
19	MP1	X	-2.25	45
20	MP1	Z	3.91	45
21	MP1	X	-2.25	45
22	MP1	Z	3.91	45
23	MP6	X	-4.17	6
24	MP6	Z	7.23	6
25	MP6	X	-4.17	60
26	MP6	Z	7.23	60
27	MP8	X	-4.68	6
28	MP8	Z	8.11	6
29	MP8	X	-4.68	60
30	MP8	Z	8.11	60
31	MP10	X	-4.68	6
32	MP10	Z	8.11	6
33	MP10	X	-4.68	60
34	MP10	Z	8.11	60
35	MP8	X	-2.95	50
36	MP8	Z	5.1	50
37	MP8	X	-2.94	50
38	MP8	Z	5.1	50
39	MP10	X	-3.32	50
40	MP10	Z	5.75	50
41	MP6	X	-1.85	45
42	MP6	Z	3.21	45
43	MP6	X	-1.85	45
44	MP6	Z	3.21	45
45	MP11	X	-3.72	6
46	MP11	Z	6.44	6
47	MP11	X	-3.72	60
48	MP11	Z	6.44	60
49	MP13	X	-3.84	6
50	MP13	Z	6.65	6
51	MP13	X	-3.84	60
52	MP13	Z	6.65	60
53	MP15	X	-3.84	6
54	MP15	Z	6.65	6
55	MP15	X	-3.84	60
56	MP15	Z	6.65	60
57	MP13	X	-2.69	50
58	MP13	Z	4.66	50
59	MP13	X	-2.83	50
60	MP13	Z	4.9	50
61	MP15	X	-3.12	50
62	MP15	Z	5.4	50
63	MP11	X	-1.4	45
64	MP11	Z	2.42	45
65	MP11	X	-1.4	45
66	MP11	Z	2.42	45

Member Point Loads (BLC 23 : Ice Wind Load AZI 180)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	6
2	MP1	Z	9.74	6
3	MP1	X	0	60
4	MP1	Z	9.74	60
5	MP3	X	0	6

Member Point Loads (BLC 23 : Ice Wind Load AZI 180) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
6	MP3	Z	11.94	6
7	MP3	X	0	60
8	MP3	Z	11.94	60
9	MP5	X	0	6
10	MP5	Z	11.94	6
11	MP5	X	0	60
12	MP5	Z	11.94	60
13	MP3	X	0	50
14	MP3	Z	6.67	50
15	MP3	X	0	50
16	MP3	Z	6.25	50
17	MP5	X	0	50
18	MP5	Z	7.28	50
19	MP1	X	0	45
20	MP1	Z	5.1	45
21	MP1	X	0	45
22	MP1	Z	5.1	45
23	MP6	X	0	6
24	MP6	Z	7.43	6
25	MP6	X	0	60
26	MP6	Z	7.43	60
27	MP8	X	0	6
28	MP8	Z	7.68	6
29	MP8	X	0	60
30	MP8	Z	7.68	60
31	MP10	X	0	6
32	MP10	Z	7.68	6
33	MP10	X	0	60
34	MP10	Z	7.68	60
35	MP8	X	0	50
36	MP8	Z	5.39	50
37	MP8	X	0	50
38	MP8	Z	5.65	50
39	MP10	X	0	50
40	MP10	Z	6.23	50
41	MP6	X	0	45
42	MP6	Z	2.8	45
43	MP6	X	0	45
44	MP6	Z	2.8	45
45	MP11	X	0	6
46	MP11	Z	7.64	6
47	MP11	X	0	60
48	MP11	Z	7.64	60
49	MP13	X	0	6
50	MP13	Z	8.06	6
51	MP13	X	0	60
52	MP13	Z	8.06	60
53	MP15	X	0	6
54	MP15	Z	8.06	6
55	MP15	X	0	60
56	MP15	Z	8.06	60
57	MP13	X	0	50
58	MP13	Z	5.5	50
59	MP13	X	0	50
60	MP13	Z	5.71	50
61	MP15	X	0	50
62	MP15	Z	6.32	50

Member Point Loads (BLC 23 : Ice Wind Load AZI 180) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
63	MP11	X	0	45
64	MP11	Z	3	45
65	MP11	X	0	45
66	MP11	Z	3	45

Member Point Loads (BLC 24 : Ice Wind Load AZI 210)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	4.57	6
2	MP1	Z	7.92	6
3	MP1	X	4.57	60
4	MP1	Z	7.92	60
5	MP3	X	5.42	6
6	MP3	Z	9.39	6
7	MP3	X	5.42	60
8	MP3	Z	9.39	60
9	MP5	X	5.42	6
10	MP5	Z	9.39	6
11	MP5	X	5.42	60
12	MP5	Z	9.39	60
13	MP3	X	3.17	50
14	MP3	Z	5.49	50
15	MP3	X	3.05	50
16	MP3	Z	5.28	50
17	MP5	X	3.5	50
18	MP5	Z	6.07	50
19	MP1	X	2.25	45
20	MP1	Z	3.91	45
21	MP1	X	2.25	45
22	MP1	Z	3.91	45
23	MP6	X	3.82	6
24	MP6	Z	6.62	6
25	MP6	X	3.82	60
26	MP6	Z	6.62	60
27	MP8	X	4.03	6
28	MP8	Z	6.98	6
29	MP8	X	4.03	60
30	MP8	Z	6.98	60
31	MP10	X	4.03	6
32	MP10	Z	6.98	6
33	MP10	X	4.03	60
34	MP10	Z	6.98	60
35	MP8	X	2.75	50
36	MP8	Z	4.76	50
37	MP8	X	2.85	50
38	MP8	Z	4.94	50
39	MP10	X	3.16	50
40	MP10	Z	5.48	50
41	MP6	X	1.5	45
42	MP6	Z	2.6	45
43	MP6	X	1.5	45
44	MP6	Z	2.6	45
45	MP11	X	4.38	6
46	MP11	Z	7.59	6
47	MP11	X	4.38	60
48	MP11	Z	7.59	60
49	MP13	X	5.06	6

Member Point Loads (BLC 24 : Ice Wind Load AZI 210) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
50	MP13	Z	8.77	6
51	MP13	X	5.06	60
52	MP13	Z	8.77	60
53	MP15	X	5.06	6
54	MP15	Z	8.77	6
55	MP15	X	5.06	60
56	MP15	Z	8.77	60
57	MP13	X	3.06	50
58	MP13	Z	5.3	50
59	MP13	X	3	50
60	MP13	Z	5.19	50
61	MP15	X	3.42	50
62	MP15	Z	5.92	50
63	MP11	X	2.06	45
64	MP11	Z	3.57	45
65	MP11	X	2.06	45
66	MP11	Z	3.57	45

Member Point Loads (BLC 25 : Ice Wind Load AZI 240)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	6.89	6
2	MP1	Z	3.98	6
3	MP1	X	6.89	60
4	MP1	Z	3.98	60
5	MP3	X	7.49	6
6	MP3	Z	4.32	6
7	MP3	X	7.49	60
8	MP3	Z	4.32	60
9	MP5	X	7.49	6
10	MP5	Z	4.32	6
11	MP5	X	7.49	60
12	MP5	Z	4.32	60
13	MP3	X	4.92	50
14	MP3	Z	2.84	50
15	MP3	X	5.01	50
16	MP3	Z	2.89	50
17	MP5	X	5.6	50
18	MP5	Z	3.23	50
19	MP1	X	2.88	45
20	MP1	Z	1.66	45
21	MP1	X	2.88	45
22	MP1	Z	1.66	45
23	MP6	X	7.59	6
24	MP6	Z	4.38	6
25	MP6	X	7.59	60
26	MP6	Z	4.38	60
27	MP8	X	8.77	6
28	MP8	Z	5.06	6
29	MP8	X	8.77	60
30	MP8	Z	5.06	60
31	MP10	X	8.77	6
32	MP10	Z	5.06	6
33	MP10	X	8.77	60
34	MP10	Z	5.06	60
35	MP8	X	5.3	50
36	MP8	Z	3.06	50

Member Point Loads (BLC 25 : Ice Wind Load AZI 240) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
37	MP8	X	5.19	50
38	MP8	Z	3	50
39	MP10	X	5.92	50
40	MP10	Z	3.42	50
41	MP6	X	3.57	45
42	MP6	Z	2.06	45
43	MP6	X	3.57	45
44	MP6	Z	2.06	45
45	MP11	X	8.38	6
46	MP11	Z	4.84	6
47	MP11	X	8.38	60
48	MP11	Z	4.84	60
49	MP13	X	10.22	6
50	MP13	Z	5.9	6
51	MP13	X	10.22	60
52	MP13	Z	5.9	60
53	MP15	X	10.22	6
54	MP15	Z	5.9	6
55	MP15	X	10.22	60
56	MP15	Z	5.9	60
57	MP13	X	5.74	50
58	MP13	Z	3.31	50
59	MP13	X	5.4	50
60	MP13	Z	3.11	50
61	MP15	X	6.27	50
62	MP15	Z	3.62	50
63	MP11	X	4.36	45
64	MP11	Z	2.52	45
65	MP11	X	4.36	45
66	MP11	Z	2.52	45

Member Point Loads (BLC 26 : Ice Wind Load AZI 270)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	7.36	6
2	MP1	Z	0	6
3	MP1	X	7.36	60
4	MP1	Z	0	60
5	MP3	X	7.55	6
6	MP3	Z	0	6
7	MP3	X	7.55	60
8	MP3	Z	0	60
9	MP5	X	7.55	6
10	MP5	Z	0	6
11	MP5	X	7.55	60
12	MP5	Z	0	60
13	MP3	X	5.35	50
14	MP3	Z	0	50
15	MP3	X	5.64	50
16	MP3	Z	0	50
17	MP5	X	6.2	50
18	MP5	Z	0	50
19	MP1	X	2.73	45
20	MP1	Z	0	45
21	MP1	X	2.73	45
22	MP1	Z	0	45
23	MP6	X	9.67	6

Member Point Loads (BLC 26 : Ice Wind Load AZI 270) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
24	MP6	Z	0	6
25	MP6	X	9.67	60
26	MP6	Z	0	60
27	MP8	X	11.8	6
28	MP8	Z	0	6
29	MP8	X	11.8	60
30	MP8	Z	0	60
31	MP10	X	11.8	6
32	MP10	Z	0	6
33	MP10	X	11.8	60
34	MP10	Z	0	60
35	MP8	X	6.63	50
36	MP8	Z	0	50
37	MP8	X	6.23	50
38	MP8	Z	0	50
39	MP10	X	7.24	50
40	MP10	Z	0	50
41	MP6	X	5.03	45
42	MP6	Z	0	45
43	MP6	X	5.03	45
44	MP6	Z	0	45
45	MP11	X	9.47	6
46	MP11	Z	0	6
47	MP11	X	9.47	60
48	MP11	Z	0	60
49	MP13	X	11.42	6
50	MP13	Z	0	6
51	MP13	X	11.42	60
52	MP13	Z	0	60
53	MP15	X	11.42	6
54	MP15	Z	0	6
55	MP15	X	11.42	60
56	MP15	Z	0	60
57	MP13	X	6.51	50
58	MP13	Z	0	50
59	MP13	X	6.18	50
60	MP13	Z	0	50
61	MP15	X	7.15	50
62	MP15	Z	0	50
63	MP11	X	4.83	45
64	MP11	Z	0	45
65	MP11	X	4.83	45
66	MP11	Z	0	45

Member Point Loads (BLC 27 : Ice Wind Load AZI 300)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	6.89	6
2	MP1	Z	-3.98	6
3	MP1	X	6.89	60
4	MP1	Z	-3.98	60
5	MP3	X	7.49	6
6	MP3	Z	-4.32	6
7	MP3	X	7.49	60
8	MP3	Z	-4.32	60
9	MP5	X	7.49	6
10	MP5	Z	-4.32	6

Member Point Loads (BLC 27 : Ice Wind Load AZI 300) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
11	MP5	X	7.49	60
12	MP5	Z	-4.32	60
13	MP3	X	4.92	50
14	MP3	Z	-2.84	50
15	MP3	X	5.01	50
16	MP3	Z	-2.89	50
17	MP5	X	5.6	50
18	MP5	Z	-3.23	50
19	MP1	X	2.88	45
20	MP1	Z	-1.66	45
21	MP1	X	2.88	45
22	MP1	Z	-1.66	45
23	MP6	X	8.2	6
24	MP6	Z	-4.73	6
25	MP6	X	8.2	60
26	MP6	Z	-4.73	60
27	MP8	X	9.89	6
28	MP8	Z	-5.71	6
29	MP8	X	9.89	60
30	MP8	Z	-5.71	60
31	MP10	X	9.89	6
32	MP10	Z	-5.71	6
33	MP10	X	9.89	60
34	MP10	Z	-5.71	60
35	MP8	X	5.64	50
36	MP8	Z	-3.26	50
37	MP8	X	5.35	50
38	MP8	Z	-3.09	50
39	MP10	X	6.19	50
40	MP10	Z	-3.58	50
41	MP6	X	4.18	45
42	MP6	Z	-2.41	45
43	MP6	X	4.18	45
44	MP6	Z	-2.41	45
45	MP11	X	7.23	6
46	MP11	Z	-4.17	6
47	MP11	X	7.23	60
48	MP11	Z	-4.17	60
49	MP13	X	8.11	6
50	MP13	Z	-4.68	6
51	MP13	X	8.11	60
52	MP13	Z	-4.68	60
53	MP15	X	8.11	6
54	MP15	Z	-4.68	6
55	MP15	X	8.11	60
56	MP15	Z	-4.68	60
57	MP13	X	5.1	50
58	MP13	Z	-2.95	50
59	MP13	X	5.1	50
60	MP13	Z	-2.94	50
61	MP15	X	5.75	50
62	MP15	Z	-3.32	50
63	MP11	X	3.21	45
64	MP11	Z	-1.85	45
65	MP11	X	3.21	45
66	MP11	Z	-1.85	45

Member Point Loads (BLC 28 : Ice Wind Load AZI 330)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	4.57	6
2	MP1	Z	-7.92	6
3	MP1	X	4.57	60
4	MP1	Z	-7.92	60
5	MP3	X	5.42	6
6	MP3	Z	-9.39	6
7	MP3	X	5.42	60
8	MP3	Z	-9.39	60
9	MP5	X	5.42	6
10	MP5	Z	-9.39	6
11	MP5	X	5.42	60
12	MP5	Z	-9.39	60
13	MP3	X	3.17	50
14	MP3	Z	-5.49	50
15	MP3	X	3.05	50
16	MP3	Z	-5.28	50
17	MP5	X	3.5	50
18	MP5	Z	-6.07	50
19	MP1	X	2.25	45
20	MP1	Z	-3.91	45
21	MP1	X	2.25	45
22	MP1	Z	-3.91	45
23	MP6	X	4.17	6
24	MP6	Z	-7.23	6
25	MP6	X	4.17	60
26	MP6	Z	-7.23	60
27	MP8	X	4.68	6
28	MP8	Z	-8.11	6
29	MP8	X	4.68	60
30	MP8	Z	-8.11	60
31	MP10	X	4.68	6
32	MP10	Z	-8.11	6
33	MP10	X	4.68	60
34	MP10	Z	-8.11	60
35	MP8	X	2.95	50
36	MP8	Z	-5.1	50
37	MP8	X	2.94	50
38	MP8	Z	-5.1	50
39	MP10	X	3.32	50
40	MP10	Z	-5.75	50
41	MP6	X	1.85	45
42	MP6	Z	-3.21	45
43	MP6	X	1.85	45
44	MP6	Z	-3.21	45
45	MP11	X	3.72	6
46	MP11	Z	-6.44	6
47	MP11	X	3.72	60
48	MP11	Z	-6.44	60
49	MP13	X	3.84	6
50	MP13	Z	-6.65	6
51	MP13	X	3.84	60
52	MP13	Z	-6.65	60
53	MP15	X	3.84	6
54	MP15	Z	-6.65	6
55	MP15	X	3.84	60
56	MP15	Z	-6.65	60
57	MP13	X	2.69	50

Member Point Loads (BLC 28 : Ice Wind Load AZI 330) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
58	MP13	Z	-4.66	50
59	MP13	X	2.83	50
60	MP13	Z	-4.9	50
61	MP15	X	3.12	50
62	MP15	Z	-5.4	50
63	MP11	X	1.4	45
64	MP11	Z	-2.42	45
65	MP11	X	1.4	45
66	MP11	Z	-2.42	45

Member Point Loads (BLC 31 : Seismic Load Z)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	Z	-1.633	6
2	MP1	Z	-1.633	60
3	MP3	Z	-3.169	6
4	MP3	Z	-3.169	60
5	MP5	Z	-3.169	6
6	MP5	Z	-3.169	60
7	MP3	Z	-5.591	50
8	MP3	Z	-6.708	50
9	MP5	Z	-6.584	50
10	MP1	Z	-1.316	45
11	MP1	Z	-1.316	45
12	MP6	Z	-1.633	6
13	MP6	Z	-1.633	60
14	MP8	Z	-3.169	6
15	MP8	Z	-3.169	60
16	MP10	Z	-3.169	6
17	MP10	Z	-3.169	60
18	MP8	Z	-5.591	50
19	MP8	Z	-6.708	50
20	MP10	Z	-6.584	50
21	MP6	Z	-1.316	45
22	MP6	Z	-1.316	45
23	MP11	Z	-1.633	6
24	MP11	Z	-1.633	60
25	MP13	Z	-3.169	6
26	MP13	Z	-3.169	60
27	MP15	Z	-3.169	6
28	MP15	Z	-3.169	60
29	MP13	Z	-5.591	50
30	MP13	Z	-6.708	50
31	MP15	Z	-6.584	50
32	MP11	Z	-1.316	45
33	MP11	Z	-1.316	45

Member Point Loads (BLC 32 : Seismic Load X)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-1.633	6
2	MP1	X	-1.633	60
3	MP3	X	-3.169	6
4	MP3	X	-3.169	60
5	MP5	X	-3.169	6
6	MP5	X	-3.169	60
7	MP3	X	-5.591	50
8	MP3	X	-6.708	50

Member Point Loads (BLC 32 : Seismic Load X) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
9	MP5	X	-6.584	50
10	MP1	X	-1.316	45
11	MP1	X	-1.316	45
12	MP6	X	-1.633	6
13	MP6	X	-1.633	60
14	MP8	X	-3.169	6
15	MP8	X	-3.169	60
16	MP10	X	-3.169	6
17	MP10	X	-3.169	60
18	MP8	X	-5.591	50
19	MP8	X	-6.708	50
20	MP10	X	-6.584	50
21	MP6	X	-1.316	45
22	MP6	X	-1.316	45
23	MP11	X	-1.633	6
24	MP11	X	-1.633	60
25	MP13	X	-3.169	6
26	MP13	X	-3.169	60
27	MP15	X	-3.169	6
28	MP15	X	-3.169	60
29	MP13	X	-5.591	50
30	MP13	X	-6.708	50
31	MP15	X	-6.584	50
32	MP11	X	-1.316	45
33	MP11	X	-1.316	45

Member Distributed Loads (BLC 14 : Distr. Wind Load Z)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
1	M1	SZ	-68.218	-68.218	0	%100
2	M2	SZ	-68.218	-68.218	0	%100
3	M3	SZ	-68.218	-68.218	0	%100
4	M4	SZ	-68.218	-68.218	0	%100
5	M5	SZ	-68.218	-68.218	0	%100
6	M6	SZ	-68.218	-68.218	0	%100
7	M7	SZ	-40.931	-40.931	0	%100
8	M8	SZ	-40.931	-40.931	0	%100
9	M9	SZ	-40.931	-40.931	0	%100
10	M10	SZ	-68.218	-68.218	0	%100
11	M11	SZ	-68.218	-68.218	0	%100
12	M12	SZ	-68.218	-68.218	0	%100
13	M13	SZ	-68.218	-68.218	0	%100
14	M14	SZ	-68.218	-68.218	0	%100
15	M15	SZ	-68.218	-68.218	0	%100
16	M16	SZ	-68.218	-68.218	0	%100
17	M17	SZ	-68.218	-68.218	0	%100
18	M18	SZ	-68.218	-68.218	0	%100
19	MP1	SZ	-40.931	-40.931	0	%100
20	MP5	SZ	-40.931	-40.931	0	%100
21	MP11	SZ	-40.931	-40.931	0	%100
22	MP15	SZ	-40.931	-40.931	0	%100
23	MP6	SZ	-40.931	-40.931	0	%100
24	MP10	SZ	-40.931	-40.931	0	%100
25	MP3	SZ	-40.931	-40.931	0	%100
26	MP4	SZ	-40.931	-40.931	0	%100
27	MP2	SZ	-40.931	-40.931	0	%100

Member Distributed Loads (BLC 14 : Distr. Wind Load Z) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
28	MP13	SZ	-40.931	-40.931	0	%100
29	MP14	SZ	-40.931	-40.931	0	%100
30	MP12	SZ	-40.931	-40.931	0	%100
31	MP8	SZ	-40.931	-40.931	0	%100
32	MP9	SZ	-40.931	-40.931	0	%100
33	MP7	SZ	-40.931	-40.931	0	%100

Member Distributed Loads (BLC 15 : Distr. Wind Load X)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
1	M1	SX	-68.218	-68.218	0	%100
2	M2	SX	-68.218	-68.218	0	%100
3	M3	SX	-68.218	-68.218	0	%100
4	M4	SX	-68.218	-68.218	0	%100
5	M5	SX	-68.218	-68.218	0	%100
6	M6	SX	-68.218	-68.218	0	%100
7	M7	SX	-40.931	-40.931	0	%100
8	M8	SX	-40.931	-40.931	0	%100
9	M9	SX	-40.931	-40.931	0	%100
10	M10	SX	-68.218	-68.218	0	%100
11	M11	SX	-68.218	-68.218	0	%100
12	M12	SX	-68.218	-68.218	0	%100
13	M13	SX	-68.218	-68.218	0	%100
14	M14	SX	-68.218	-68.218	0	%100
15	M15	SX	-68.218	-68.218	0	%100
16	M16	SX	-68.218	-68.218	0	%100
17	M17	SX	-68.218	-68.218	0	%100
18	M18	SX	-68.218	-68.218	0	%100
19	MP1	SX	-40.931	-40.931	0	%100
20	MP5	SX	-40.931	-40.931	0	%100
21	MP11	SX	-40.931	-40.931	0	%100
22	MP15	SX	-40.931	-40.931	0	%100
23	MP6	SX	-40.931	-40.931	0	%100
24	MP10	SX	-40.931	-40.931	0	%100
25	MP3	SX	-40.931	-40.931	0	%100
26	MP4	SX	-40.931	-40.931	0	%100
27	MP2	SX	-40.931	-40.931	0	%100
28	MP13	SX	-40.931	-40.931	0	%100
29	MP14	SX	-40.931	-40.931	0	%100
30	MP12	SX	-40.931	-40.931	0	%100
31	MP8	SX	-40.931	-40.931	0	%100
32	MP9	SX	-40.931	-40.931	0	%100
33	MP7	SX	-40.931	-40.931	0	%100

Member Distributed Loads (BLC 16 : Ice Weight)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
1	M1	Y	-12.883	-12.883	0	%100
2	M2	Y	-13.523	-13.523	0	%100
3	M3	Y	-12.883	-12.883	0	%100
4	M4	Y	-13.523	-13.523	0	%100
5	M5	Y	-12.883	-12.883	0	%100
6	M6	Y	-13.523	-13.523	0	%100
7	M7	Y	-8.988	-8.988	0	%100
8	M8	Y	-8.988	-8.988	0	%100
9	M9	Y	-8.988	-8.988	0	%100
10	M10	Y	-12.883	-12.883	0	%100
11	M11	Y	-12.883	-12.883	0	%100

Member Distributed Loads (BLC 16 : Ice Weight) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
12	M12	Y	-12.883	-12.883	0	%100
13	M13	Y	-7.776	-7.776	0	%100
14	M14	Y	-7.776	-7.776	0	%100
15	M15	Y	-7.776	-7.776	0	%100
16	M16	Y	-7.776	-7.776	0	%100
17	M17	Y	-7.776	-7.776	0	%100
18	M18	Y	-7.776	-7.776	0	%100
19	MP1	Y	-6.957	-6.957	0	%100
20	MP5	Y	-6.957	-6.957	0	%100
21	MP11	Y	-6.957	-6.957	0	%100
22	MP15	Y	-6.957	-6.957	0	%100
23	MP6	Y	-6.957	-6.957	0	%100
24	MP10	Y	-6.957	-6.957	0	%100
25	MP3	Y	-6.957	-6.957	0	%100
26	MP4	Y	-6.957	-6.957	0	%100
27	MP2	Y	-6.957	-6.957	0	%100
28	MP13	Y	-6.957	-6.957	0	%100
29	MP14	Y	-6.957	-6.957	0	%100
30	MP12	Y	-6.957	-6.957	0	%100
31	MP8	Y	-6.957	-6.957	0	%100
32	MP9	Y	-6.957	-6.957	0	%100
33	MP7	Y	-6.957	-6.957	0	%100

Member Distributed Loads (BLC 29 : Distr. Ice Wind Load Z)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
1	M1	SZ	-11.578	-11.578	0	%100
2	M2	SZ	-11.344	-11.344	0	%100
3	M3	SZ	-11.578	-11.578	0	%100
4	M4	SZ	-11.344	-11.344	0	%100
5	M5	SZ	-11.578	-11.578	0	%100
6	M6	SZ	-11.344	-11.344	0	%100
7	M7	SZ	-14.027	-14.027	0	%100
8	M8	SZ	-14.027	-14.027	0	%100
9	M9	SZ	-14.027	-14.027	0	%100
10	M10	SZ	-11.578	-11.578	0	%100
11	M11	SZ	-11.578	-11.578	0	%100
12	M12	SZ	-11.578	-11.578	0	%100
13	M13	SZ	-15.552	-15.552	0	%100
14	M14	SZ	-15.552	-15.552	0	%100
15	M15	SZ	-15.552	-15.552	0	%100
16	M16	SZ	-15.552	-15.552	0	%100
17	M17	SZ	-15.552	-15.552	0	%100
18	M18	SZ	-15.552	-15.552	0	%100
19	MP1	SZ	-17.069	-17.069	0	%100
20	MP5	SZ	-17.069	-17.069	0	%100
21	MP11	SZ	-17.069	-17.069	0	%100
22	MP15	SZ	-17.069	-17.069	0	%100
23	MP6	SZ	-17.069	-17.069	0	%100
24	MP10	SZ	-17.069	-17.069	0	%100
25	MP3	SZ	-17.069	-17.069	0	%100
26	MP4	SZ	-17.069	-17.069	0	%100
27	MP2	SZ	-17.069	-17.069	0	%100
28	MP13	SZ	-17.069	-17.069	0	%100
29	MP14	SZ	-17.069	-17.069	0	%100
30	MP12	SZ	-17.069	-17.069	0	%100
31	MP8	SZ	-17.069	-17.069	0	%100

Member Distributed Loads (BLC 29 : Distr. Ice Wind Load Z) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
32	MP9	SZ	-17.069	-17.069	0	%100
33	MP7	SZ	-17.069	-17.069	0	%100

Member Distributed Loads (BLC 30 : Distr. Ice Wind Load X)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
1	M1	SX	-11.578	-11.578	0	%100
2	M2	SX	-11.344	-11.344	0	%100
3	M3	SX	-11.578	-11.578	0	%100
4	M4	SX	-11.344	-11.344	0	%100
5	M5	SX	-11.578	-11.578	0	%100
6	M6	SX	-11.344	-11.344	0	%100
7	M7	SX	-14.027	-14.027	0	%100
8	M8	SX	-14.027	-14.027	0	%100
9	M9	SX	-14.027	-14.027	0	%100
10	M10	SX	-11.578	-11.578	0	%100
11	M11	SX	-11.578	-11.578	0	%100
12	M12	SX	-11.578	-11.578	0	%100
13	M13	SX	-15.552	-15.552	0	%100
14	M14	SX	-15.552	-15.552	0	%100
15	M15	SX	-15.552	-15.552	0	%100
16	M16	SX	-15.552	-15.552	0	%100
17	M17	SX	-15.552	-15.552	0	%100
18	M18	SX	-15.552	-15.552	0	%100
19	MP1	SX	-17.069	-17.069	0	%100
20	MP5	SX	-17.069	-17.069	0	%100
21	MP11	SX	-17.069	-17.069	0	%100
22	MP15	SX	-17.069	-17.069	0	%100
23	MP6	SX	-17.069	-17.069	0	%100
24	MP10	SX	-17.069	-17.069	0	%100
25	MP3	SX	-17.069	-17.069	0	%100
26	MP4	SX	-17.069	-17.069	0	%100
27	MP2	SX	-17.069	-17.069	0	%100
28	MP13	SX	-17.069	-17.069	0	%100
29	MP14	SX	-17.069	-17.069	0	%100
30	MP12	SX	-17.069	-17.069	0	%100
31	MP8	SX	-17.069	-17.069	0	%100
32	MP9	SX	-17.069	-17.069	0	%100
33	MP7	SX	-17.069	-17.069	0	%100

Member Distributed Loads (BLC 49 : BLC 1 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
1	M1	Y	-2.82	-8.027	12.45	22.41
2	M1	Y	-8.027	-11.736	22.41	32.37
3	M1	Y	-11.736	-11.379	32.37	42.33
4	M1	Y	-11.379	-6.874	42.33	52.29
5	M1	Y	-6.874	-.784	52.29	62.25
6	M2	Y	-.579	-.541	0	4
7	M2	Y	-.541	-.529	4	8
8	M2	Y	-.529	-.544	8	12
9	M7	Y	-.11	-1.029	90	102
10	M7	Y	-1.029	-1.489	102	114
11	M7	Y	-1.489	-1.489	114	126
12	M7	Y	-1.489	-1.303	126	138
13	M7	Y	-1.303	-.93	138	150
14	M8	Y	-.901	-1.292	0	12
15	M8	Y	-1.292	-1.488	12	24

Member Distributed Loads (BLC 49 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
16	M8	Y	-1.488	-1.486	24	36
17	M8	Y	-1.486	-.981	36	48
18	M8	Y	-.981	-.061	48	60
19	M11	Y	-.448	-5.051	0	12.504
20	M11	Y	-5.051	-3.908	12.504	25.008
21	M11	Y	-3.908	-3.922	25.008	37.512
22	M11	Y	-3.922	-5.016	37.512	50.016
23	M11	Y	-5.016	-.448	50.016	62.52
24	M17	Y	-3.404	-4.309	0	10.104
25	M17	Y	-4.309	-6.81	10.104	20.208
26	M17	Y	-6.81	-8.666	20.208	30.312
27	M17	Y	-8.666	-6.407	30.312	40.416
28	M17	Y	-6.407	-2.274	40.416	50.52
29	M18	Y	-3.44	-4.332	0	10.104
30	M18	Y	-4.332	-6.849	10.104	20.208
31	M18	Y	-6.849	-8.692	20.208	30.312
32	M18	Y	-8.692	-6.386	30.312	40.416
33	M18	Y	-6.386	-2.229	40.416	50.52
34	M3	Y	-2.82	-8.027	12.45	22.411
35	M3	Y	-8.027	-11.735	22.411	32.371
36	M3	Y	-11.735	-11.379	32.371	42.331
37	M3	Y	-11.379	-6.873	42.331	52.291
38	M3	Y	-6.873	-.784	52.291	62.251
39	M4	Y	-.58	-.542	0	4
40	M4	Y	-.542	-.529	4	8
41	M4	Y	-.529	-.544	8	12
42	M8	Y	-.06	-.98	90	102
43	M8	Y	-.98	-1.485	102	114
44	M8	Y	-1.485	-1.487	114	126
45	M8	Y	-1.487	-1.3	126	138
46	M8	Y	-1.3	-.927	138	150
47	M9	Y	-.904	-1.294	0	12
48	M9	Y	-1.294	-1.49	12	24
49	M9	Y	-1.49	-1.49	24	36
50	M9	Y	-1.49	-1.03	36	48
51	M9	Y	-1.03	-.111	48	60
52	M12	Y	-.448	-5.016	0	12.504
53	M12	Y	-5.016	-3.922	12.504	25.008
54	M12	Y	-3.922	-3.908	25.008	37.512
55	M12	Y	-3.908	-5.051	37.512	50.016
56	M12	Y	-5.051	-.448	50.016	62.52
57	M13	Y	-3.395	-4.318	0	10.104
58	M13	Y	-4.318	-6.851	10.104	20.208
59	M13	Y	-6.851	-8.694	20.208	30.312
60	M13	Y	-8.694	-6.387	30.312	40.416
61	M13	Y	-6.387	-2.231	40.416	50.52
62	M14	Y	-3.449	-4.323	0	10.104
63	M14	Y	-4.323	-6.808	10.104	20.208
64	M14	Y	-6.808	-8.665	20.208	30.312
65	M14	Y	-8.665	-6.406	30.312	40.416
66	M14	Y	-6.406	-2.272	40.416	50.52
67	M5	Y	-3.575	-7.292	12.45	22.411
68	M5	Y	-7.292	-11.622	22.411	32.371
69	M5	Y	-11.622	-11.959	32.371	42.331
70	M5	Y	-11.959	-6.787	42.331	52.291
71	M5	Y	-6.787	-.711	52.291	62.251
72	M6	Y	-.905	-.502	0	3

Member Distributed Loads (BLC 49 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
73	M6	Y	-.502	-.3	3	6
74	M6	Y	-.3	-.502	6	9
75	M6	Y	-.502	-.904	9	12
76	M7	Y	-.926	-1.298	0	12
77	M7	Y	-1.298	-1.485	12	24
78	M7	Y	-1.485	-1.483	24	36
79	M7	Y	-1.483	-.979	36	48
80	M7	Y	-.979	-.06	48	60
81	M9	Y	-.06	-.98	90	102
82	M9	Y	-.98	-1.485	102	114
83	M9	Y	-1.485	-1.487	114	126
84	M9	Y	-1.487	-1.3	126	138
85	M9	Y	-1.3	-.927	138	150
86	M10	Y	-.459	-5.095	0	12.504
87	M10	Y	-5.095	-3.946	12.504	25.008
88	M10	Y	-3.946	-3.931	25.008	37.512
89	M10	Y	-3.931	-5.075	37.512	50.016
90	M10	Y	-5.075	-.459	50.016	62.52
91	M15	Y	-3.392	-4.314	0	10.104
92	M15	Y	-4.314	-6.84	10.104	20.208
93	M15	Y	-6.84	-8.685	20.208	30.312
94	M15	Y	-8.685	-6.386	30.312	40.416
95	M15	Y	-6.386	-2.233	40.416	50.52
96	M16	Y	-3.405	-4.307	0	10.104
97	M16	Y	-4.307	-6.801	10.104	20.208
98	M16	Y	-6.801	-8.659	20.208	30.312
99	M16	Y	-8.659	-6.394	30.312	40.416
100	M16	Y	-6.394	-2.236	40.416	50.52

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
1	M1	Y	-1.012	-2.882	12.45	22.41
2	M1	Y	-2.882	-4.213	22.41	32.37
3	M1	Y	-4.213	-4.085	32.37	42.33
4	M1	Y	-4.085	-2.468	42.33	52.29
5	M1	Y	-2.468	-.282	52.29	62.25
6	M2	Y	-.208	-.194	0	4
7	M2	Y	-.194	-.19	4	8
8	M2	Y	-.19	-.195	8	12
9	M7	Y	-.039	-.369	90	102
10	M7	Y	-.369	-.534	102	114
11	M7	Y	-.534	-.535	114	126
12	M7	Y	-.535	-.468	126	138
13	M7	Y	-.468	-.334	138	150
14	M8	Y	-.323	-.464	0	12
15	M8	Y	-.464	-.534	12	24
16	M8	Y	-.534	-.533	24	36
17	M8	Y	-.533	-.352	36	48
18	M8	Y	-.352	-.022	48	60
19	M11	Y	-.161	-1.813	0	12.504
20	M11	Y	-1.813	-1.403	12.504	25.008
21	M11	Y	-1.403	-1.408	25.008	37.512
22	M11	Y	-1.408	-1.801	37.512	50.016
23	M11	Y	-1.801	-.161	50.016	62.52
24	M17	Y	-1.222	-1.547	0	10.104
25	M17	Y	-1.547	-2.445	10.104	20.208

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
26	M17	Y	-2.445	-3.111	20.208	30.312
27	M17	Y	-3.111	-2.3	30.312	40.416
28	M17	Y	-2.3	-.816	40.416	50.52
29	M18	Y	-1.235	-1.555	0	10.104
30	M18	Y	-1.555	-2.459	10.104	20.208
31	M18	Y	-2.459	-3.12	20.208	30.312
32	M18	Y	-3.12	-2.292	30.312	40.416
33	M18	Y	-2.292	-.8	40.416	50.52
34	M3	Y	-1.012	-2.882	12.45	22.411
35	M3	Y	-2.882	-4.213	22.411	32.371
36	M3	Y	-4.213	-4.085	32.371	42.331
37	M3	Y	-4.085	-2.468	42.331	52.291
38	M3	Y	-2.468	-.282	52.291	62.251
39	M4	Y	-.208	-.194	0	4
40	M4	Y	-.194	-.19	4	8
41	M4	Y	-.19	-.195	8	12
42	M8	Y	-.022	-.352	90	102
43	M8	Y	-.352	-.533	102	114
44	M8	Y	-.533	-.534	114	126
45	M8	Y	-.534	-.467	126	138
46	M8	Y	-.467	-.333	138	150
47	M9	Y	-.324	-.465	0	12
48	M9	Y	-.465	-.535	12	24
49	M9	Y	-.535	-.535	24	36
50	M9	Y	-.535	-.37	36	48
51	M9	Y	-.37	-.04	48	60
52	M12	Y	-.161	-1.801	0	12.504
53	M12	Y	-1.801	-1.408	12.504	25.008
54	M12	Y	-1.408	-1.403	25.008	37.512
55	M12	Y	-1.403	-1.813	37.512	50.016
56	M12	Y	-1.813	-.161	50.016	62.52
57	M13	Y	-1.219	-1.55	0	10.104
58	M13	Y	-1.55	-2.459	10.104	20.208
59	M13	Y	-2.459	-3.121	20.208	30.312
60	M13	Y	-3.121	-2.293	30.312	40.416
61	M13	Y	-2.293	-.801	40.416	50.52
62	M14	Y	-1.238	-1.552	0	10.104
63	M14	Y	-1.552	-2.444	10.104	20.208
64	M14	Y	-2.444	-3.111	20.208	30.312
65	M14	Y	-3.111	-2.3	30.312	40.416
66	M14	Y	-2.3	-.816	40.416	50.52
67	M5	Y	-1.283	-2.618	12.45	22.411
68	M5	Y	-2.618	-4.172	22.411	32.371
69	M5	Y	-4.172	-4.293	32.371	42.331
70	M5	Y	-4.293	-2.436	42.331	52.291
71	M5	Y	-2.436	-.255	52.291	62.251
72	M6	Y	-.325	-.18	0	3
73	M6	Y	-.18	-.108	3	6
74	M6	Y	-.108	-.18	6	9
75	M6	Y	-.18	-.325	9	12
76	M7	Y	-.332	-.466	0	12
77	M7	Y	-.466	-.533	12	24
78	M7	Y	-.533	-.532	24	36
79	M7	Y	-.532	-.351	36	48
80	M7	Y	-.351	-.022	48	60
81	M9	Y	-.022	-.352	90	102
82	M9	Y	-.352	-.533	102	114

Member Distributed Loads (BLC 50 : BLC 16 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,psf]	End Magnitude[lb/f...	Start Location[in,%]	End Location[in,%]
83	M9	Y	-.533	-.534	114	126
84	M9	Y	-.534	-.467	126	138
85	M9	Y	-.467	-.333	138	150
86	M10	Y	-.165	-1.829	0	12.504
87	M10	Y	-1.829	-1.417	12.504	25.008
88	M10	Y	-1.417	-1.411	25.008	37.512
89	M10	Y	-1.411	-1.822	37.512	50.016
90	M10	Y	-1.822	-.165	50.016	62.52
91	M15	Y	-1.218	-1.549	0	10.104
92	M15	Y	-1.549	-2.456	10.104	20.208
93	M15	Y	-2.456	-3.118	20.208	30.312
94	M15	Y	-3.118	-2.293	30.312	40.416
95	M15	Y	-2.293	-.801	40.416	50.52
96	M16	Y	-1.222	-1.546	0	10.104
97	M16	Y	-1.546	-2.442	10.104	20.208
98	M16	Y	-2.442	-3.108	20.208	30.312
99	M16	Y	-3.108	-2.295	30.312	40.416
100	M16	Y	-2.295	-.803	40.416	50.52

Site Name:	8/19/2019
Client:	Smartlink
Carrier:	AT&T
Engineer:	IP
Date:	8/19/2019
Job #:	1106-A0001-B
Site #	CTL01254

Code:	LRFD
Bolt Diameter	0.500
Bolt Grade:	A325
Threads Excluded?:	N
Axial (lbs):	6475.40
Shear (lbs):	2375.90

Bolt Info:

Yield Strength (F_{yb})	92.0 ksi
Ultimate Strength (F_{ub})	120.0 ksi
Threads/in (n)	13
Gross Area (A_{gb})	0.196 in²
Net Area (A_{nb})	0.142 in²

Bolt Capacity (5/8" A325 Bolt), Total of (4) per Connection

	Ult Load / Bolt	Factored Load (ϕ=0.75)	# of Bolts	Factor Joint Capacity
Axial (lb)	17027.8	12770.9	1	12771
Shear(lb)	10602.9	7952.2	1	7952

Interaction Check	
T /ϕT_n	50.7%
V /ϕVn	29.9%
≤1.0	34.6%
	OK